

Air Quality Bureau Notice of Violation

ACKING NUMBER:	R: DCP-0589-2101 ICIS CASE NUMBER:		NM000A200194225	
MPANY NAME:	DCP Operating Company, LP (DCP)	FACILITY NAME:	Linam Ranch Gas Plant	
RMIT(S):	Operating Permit P094-R2	SOURCE CLASS:	Title V	
PECTION DATES:	March 17, 2020 through March 9, 2021	EARLIEST DISCOVERY:	: April 20, 2020	
F-REPORTED:	No	*NRV, FRV or HPV	FRV	
CILITY LOCATION:	Approximately 7 miles west of Hobbs.	CONTACT PERSON:	John Cook, Environmental Manager Lea	
ILING ADDRESS:	10 Desta Dr., Suite 500 W Midland, TX 79705	COUNTY:		
ENCY INTEREST:	0589	AQB AIRS #:	35-0250035	
Guidance on Fed Timely and Appr assessment of th NRV: No	derally Reportable Violations for Clean Air ropriate Enforcement Response to High Propise enforcement case reflects the highest lon-Reportable Violation	Act Stationary Sources (Siority Violations (August	September 2014) and	
	derally Reportable Violation gh Priority Violation			
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Air Quality Bure	au Official D	ate		

Company:DCP Operating Company, LP (DCP)Inspection By:Leigh BarrFacility:Linam Ranch Gas PlantDate of Discovery:April 24, 2020

NOV #: DCP-0589-2101 NOV Prepared By: Leigh Barr, Cindy Hollenberg

Permit #: P094-R2 NRV, FRV or HPV: FR\

<u>VIOLATION 1</u> Permit P094-R2, Specific Condition A107.C, Routine & Predictable SSM Emissions Due to

Venting (Unit SSM Venting)

Number of Claims: 43

Requirement:

Title V Permit P094-R2, Specific Condition A107.C, Routine & Predicable SSM Emissions Due to Venting (Unit SSM Venting), Recordkeeping states: "Records shall be kept of the monthly total volume of gas vented for SSM venting events. Each month the cumulative total of VOC and H_2S emissions due to SSM venting events shall be calculated. During the first 12 months the total VOC and H_2S emissions due to SSM venting events shall be calculated and, thereafter of the monthly rolling 12 - month total of VOC and H_2S emissions shall be calculated."

Description:

On July 12, 2019, the Bureau received the Facility's Semi-Annual Monitoring Report for December 1, 2018 through May 31, 2019, and on December 30, 2019, the Bureau received the Facility's Semi-Annual Monitoring Report for June 1, 2019 through November 30, 2019. On March 30, 2020, Bureau staff requested additional information from DCP. Specifically, the Bureau requested that DCP explain how the 12-month rolling total of VOC was being calculated. In response to the Bureau's request, DCP provided additional records on April 24, 2020, which included amended/corrected 12-month rolling totals of VOC for calendar years 2018 and 2019. DCP stated in these records that an error was identified, and as a result, the ton per year totals had been calculated incorrectly at the Linam Ranch Gas Plant in calendar years 2018 and 2019. This error resulted in 24 months of incorrect 12-month rolling totals of VOC reported to the Bureau.

In the March 30, 2020 request for additional information, Bureau staff also informed DCP that the monthly total volume of gas vented for SSM events was not recorded from December 1, 2018 through November 30, 2019. DCP's April 24, 2020 response to the Bureau acknowledged that monthly volumes were not being recorded, resulting in 12 months of incomplete records submitted to the Bureau. DCP did not report any deviations associated with this permit condition during the Semi-Annual Reporting Periods.

On July 15, 2020, the Bureau received the Facility's Semi-Annual Monitoring Report for December 1, 2019 through May 31, 2020. Based on a review of these records, Bureau staff found that DCP failed to record the monthly total volume of gas vented for SSM events that occurred during the month of December 2019 at the Facility, resulting in 1 month of incomplete records. DCP did not report any deviations associated with this permit condition during this Semi-Annual Reporting Period.

On December 31, 2020, the Bureau received the Facility's Semi-Annual Monitoring Report for June 1, 2020 through November 30, 2020. Based on a review of these records, Bureau staff found that DCP failed to record the monthly total volume of gas vented for SSM events that occurred during the entire reporting period at the Facility, resulting in 6 months of incomplete records. DCP did not report any deviations associated with this permit condition during this Semi-Annual Reporting Period.

In summary, based on the records provided by DCP, Bureau staff determined that DCP incorrectly calculated 24 months of VOC emissions data (12-month rolling totals) and failed to record the monthly total volume of gas vented for SSM events for 19 months, resulting in 43 claims.

Conclusion:

The failure of DCP to record monthly total volume of gas vented for SSM events and to properly record and calculate VOC emissions used to determine the 12-month rolling SSM total at the Linam Ranch Gas Plant is a violation of Title V Permit P094-R2, Specific Condition: A107.C.

Corrective Action Required:

Company:DCP Operating Company, LP (DCP)Inspection By:Leigh BarrFacility:Linam Ranch Gas PlantDate of Discovery:July 15, 2020

NOV #: DCP-0589-2101 NOV Prepared By: Leigh Barr, Cindy Hollenberg

Permit #: P094-R2 NRV, FRV or HPV: FRV

<u>VIOLATION 2</u> Permit P094-R2, Specific Condition A107.D, *Malfunction Emissions Due to Venting and*

Flaring (Unit Malfunction)

Number of Claims: 10

Requirement:

Title V Permit P094-R2, Specific Condition A107.D, Malfunction Emissions Due to Venting and Flaring (Unit Malfunction), Recordkeeping states: "Records shall . . . be kept of the inlet gas analysis, the percent VOC and H₂S of the gas based on the most recent gas analysis, of the volume of total gas vented or flared in MMscf used to calculate the emissions for each event, a description of the event, and whether the emissions resulting from the event will be used toward the permitted malfunction emission limit or whether the event is reported under 20.2.7 NMAC."

Description:

On July 15, 2020, the Bureau received the Facility's Semi-Annual Monitoring Report for December 1, 2019 through May 31, 2020. Based on this report, Bureau staff determined that DCP failed to record a description of the Malfunction events that occurred at the Facility during the months of December 2019 through March 2020, resulting in 4 months of incomplete records. DCP did not report any deviations associated with this permit condition during this Semi-Annual Reporting Period.

On December 31, 2020, the Bureau received the Facility's Semi-Annual Monitoring Report for June 1, 2020 through November 30, 2020. Based on this report, Bureau staff determined that DCP failed to record a description of all Malfunction events that occurred at the Facility during the reporting period, resulting in 6-months of incomplete records. On January 11, 2021, the Bureau requested clarification from DCP on the details section of the Semi-Annual Monitoring Report for SSM Flaring and Malfunction events. On January 12, 2021, DCP confirmed that they are tracking all volumes of total gas vented or flared but are not tracking all details of every emission event. DCP did not report any deviations associated with this permit condition during this Semi-Annual Reporting Period.

In summary, based on the records provided by DCP, Bureau staff determined that DCP did not record a description of the Malfunction events that occurred during the months of December 2019 through March 2020 (4 claims), and from June 2020 through November 2020 (6 claims), resulting in 10 claims.

Conclusion:

The failure of DCP to record a description of each Malfunction event at the Linam Ranch Gas Plant is a violation of Title V Permit P094-R2, Specific Condition: A107.D.

Corrective Action Required:

Company:DCP Operating Company, LP (DCP)Inspection By:Leigh BarrFacility:Linam Ranch Gas PlantDate of Discovery:April 24, 2020

NOV #: DCP-0589-2101 NOV Prepared By: Leigh Barr, Cindy Hollenberg

Permit #: P094-R2 NRV, FRV or HPV: FRV

<u>VIOLATION 3</u> Permit P094-R2, Specific Condition A107.E, Flare – Pilot Flame (Units 2, 4A, & AGI Flare)

Number of Claims: 62

Requirement:

Title V Permit P094-R2, Specific Condition A107.E, Flare – Pilot Flame (Units 2, 4A, & AGI Flare), Monitoring states: "Under normal plant operating conditions, the flares shall only have emissions resulting from the pilot flame and purge gas. The flares shall be equipped with a system to ensure that they are operated with a pilot flame present at all times." Recordkeeping further states: "The permittee shall record all instances of alarm activation, including the date and cause of alarm activation, actions taken to bring the flare into normal operating conditions, and maintenance activities."

Description:

On July 12, 2019, the Bureau received the Facility's Semi-Annual Monitoring Report for December 1, 2018 through May 31, 2019, and on December 30, 2019, the Bureau received the Facility's Semi-Annual Monitoring Report for June 1, 2019 through November 30, 2019. Based on these reports, Bureau staff determined that DCP failed to report sufficient information in the Semi-Annual Monitoring Reports to demonstrate compliance with this permit condition. On March 20, 2020, the Bureau requested flare alarm records from DCP. DCP provided the additional records to the Bureau on April 24, 2020. Based on these additional records, Bureau staff found that DCP failed to operate the flares with a pilot present at all times and failed to document the cause of alarm activation and actions taken to bring the flares into normal operating conditions at the Facility. The Bureau noted 49 instances during which the flare's pilot was down for at least an hour during the Semi-Annual Reporting Periods. DCP did not report any deviations associated with this permit condition during the Semi-Annual Reporting Periods.

On July 15, 2020, the Bureau received the Facility's Semi-Annual Monitoring Report for December 1, 2019 through May 31, 2020. Based on this report, Bureau staff found that DCP failed to operate the flares with a pilot present at all times and failed to document the cause of alarm activation and actions taken to bring the flares into normal operating conditions at the Facility; the Bureau noted 11 instances during which the flare's pilot was down for at least an hour during this Semi-Annual Reporting Period. DCP did not report any deviations associated with this permit condition during this Semi-Annual Reporting Period.

On December 31, 2020, the Bureau received the Semi-Annual Monitoring Report for June 1, 2020 through November 30, 2020. Based on this report, Bureau staff found that DCP failed on 2 instances to operate Unit 4A with a pilot present at all times and failed to document the cause of alarm activation and actions taken to bring the flare into normal operating conditions. DCP reported this deviation in the Semi-Annual Monitoring Report.

In summary, based on an evaluation of the records provided by DCP, Bureau staff determined that there were 62 instances the flare's pilot was down and no documentation was provided outlining the

cause of alarm activation and actions taken to bring the flares into normal operating conditions during the Semi-Annual Reporting Periods, resulting in 62 claims.

Conclusion:

The failure of DCP to operate the flares with a pilot present at all times, and to document the cause of alarm activation and actions taken to bring the flares into normal operating conditions at the Linam Ranch Gas Plant is a violation of Title V Permit P094-R2, Specific Condition: A107.E.

Corrective Action Required:

Company:DCP Operating Company, LP (DCP)Inspection By:Leigh BarrFacility:Linam Ranch Gas PlantDate of Discovery:July 15, 2020

NOV #: DCP-0589-2101 NOV Prepared By: Leigh Barr, Cindy Hollenberg

Permit #: P094-R2 NRV, FRV or HPV: FRV

<u>VIOLATION 4</u> Permit P094-R2, Specific Condition A107.F, SSM and Malfunction Flaring Emissions

(Flare Units 2, 4A, & AGI Flare)

Number of Claims: 12

Requirement:

Title V Permit P094-R2, Specific Condition A107.F, SSM and Malfunction Flaring Emissions (Flare Units 2, 4A, & AGI Flare), Recordkeeping states as follows:

"Each month, the permittee shall record and summarize in a table format the following:

- H₂S and the total sulfur content
- percent VOC content
- gas heating value (Btu/scf)
- the maximum hourly gas flow rate (scf/hr) that occurred during the month during an SSM event.
- the maximum hourly gas flow rate (scf/hr) that occurred during a Malfunction event.
- the hourly gas flow rate (scf/hr) for any hours that exceeded any pph emission limit during the month and the type of event associated with the hourly flow rate limit exceeded
- the total month's scf of gas sent to the flare due to SSM events
- the total month's scf of gas sent to the flare due to Malfunction events
- during the first 12-months of monitoring, the cumulative total volume of gas sent to the flare (scf/yr) and calculated emissions due to SSM events and the total volume of gas sent to the flare (scf/yr) and calculated emissions due to Malfunction events
- after the first 12-months of monitoring, the monthly rolling 12-month total of gas sent to the flare (scf/yr) and calculated emissions due to SSM events and the total volume of gas sent to the flare (scf/yr) and calculated emissions due to Malfunction events

For each event, the permittee shall record if the emissions are due to SSM or malfunction and a description of the equipment, activity, or unit number that is the source of emissions. If emissions are due to a malfunction, the permittee shall indicate whether the emissions resulting from the event are included in the amount allowed by this permit or whether the event is reported under 20.2.7 NMAC. The permittee shall also meet the recordkeeping requirements in General Condition B109 of this permit, except the requirement to record the start and end times of SSM events shall not apply."

Description:

On July 15, 2020, the Bureau received the Facility's Semi-Annual Monitoring Report for December 1, 2019 through May 31, 2020. Based on this report, Bureau staff determined that DCP failed to record the following information for SSM and Malfunction events, resulting in 6 months of incomplete records submitted to the Bureau:

- Monthly rolling 12-month total of gas sent to the flares due to SSM and Malfunction events;
- Monthly parameters for Malfunction events: H₂S and sulfur content, % VOC content, gas heating value, maximum hourly gas flow rate, and any pph emission rate exceedance along with the associated hourly gas flow rate; and
- Date and description of each Malfunction event.

DCP did not report any deviations associated with this permit condition during this Semi-Annual Reporting Period.

On December 31, 2020, the Bureau received the Facility's Semi-Annual Monitoring Report for June 1, 2020 through November 30, 2020. Based on this report, Bureau staff determined DCP failed to record the following information for SSM and Malfunction events, resulting in 6 months of incomplete records submitted to the Bureau:

- Monthly rolling 12-month total of gas sent to the flares due to SSM and Malfunction events;
- Monthly parameters for Malfunction and SSM Events: H₂S and sulfur content, % VOC content, gas heating value, maximum hourly gas flow rate, and any pph emission rate exceedance along with the associated hourly gas flow rate; and
- Date and description of each Malfunction and SSM event.

On January 11, 2021, the Bureau requested clarification from DCP on the details section of the Semi-Annual Monitoring Report for SSM Flaring and Malfunction events. DCP confirmed on January 12, 2021 that they are tracking all volumes of total gas vented or flared but are not tracking all details of every emission event. DCP did not report any deviations associated with this permit condition during this Semi-Annual Reporting Period.

In summary, based on an evaluation of all the records provided by DCP, Bureau staff determined that DCP failed to record all required information for SSM and Malfunction flaring events for each month in the Semi-Annual Reports for monitoring periods June 1, 2020 to November 30, 2020 and December 1, 2020 to May 31, 2021, resulting in 12 claims.

Conclusion:

The failure of DCP to record the following monthly parameters: rolling 12-month total of gas sent to the flares, H_2S and sulfur content, % VOC content, gas heating value, maximum hourly gas flow rate, and any pph emission rate exceedance along with the associated hourly gas flow rate, and the date and description of each SSM and Malfunction event at the Linam Ranch Gas Plant is a violation of Title V Permit P094-R2, Specific Condition: A107.F.

Corrective Action Required:

Company: DCP Operating Company, LP (DCP) **Inspection By:** Leigh Barr

Facility: Linam Ranch Gas Plant Date of Discovery: April 24, 2020 (9 Operations)

July 15, 2020 (Recordkeeping)

NOV #: DCP-0589-2101 NOV Prepared By: Leigh Barr, Cindy Hollenberg

Permit #: P094-R2 NRV, FRV or HPV: FRV

<u>VIOLATION 5</u> Permit P094-R2, Specific Condition A112.B, Hours of Engine Operation under Scenario A

or B (Units 6, 7, 8, 9, 10, 11)

Number of Claims: 9 (Scenario B) and 12 (Recordkeeping)

Requirement:

Title V Permit P094-R2, Specific Condition A112.B, Hours of Engine Operation under Scenario A or B (Units 6, 7, 8, 9, 10, 11), Requirement states:

"The Permittee shall operate under either Scenario A or B during any calendar year.

Scenario A: This is the primary operating scenario. The permittee shall only operate one (1) of Units 8, 9, 10, or 11 (Clark HBA-6 RICE) while simultaneously operating all other equipment at maximum capacity without limits on the hours of operation.

Scenario B: This is the alternative operating scenario. The permittee shall only operate two of the four of Units 8, 9, 10, or 11 (Clark HBA-6 RICE) when one of Units 6 or 7 is inoperable (Clark TLA-6 RICE) when the facility is in operation. The Permittee shall not operate under Scenario B for greater than 3400 hours per any monthly rolling 12-month period."

Recordkeeping further states:

"The Permittee shall record the following:

- (1) Whether the facility is operating under Scenario A or B;
- (2) If operating under Scenario B, indicate which of the units 6 or 7 is inoperable;
- (3) The dates and times that each unit is operating during the month; and
- (4) Monthly total operating hours and maintain a record of the monthly rolling 12-month annual total hours of operation."

Description:

On July 12, 2019, the Bureau received the Facility's Semi-Annual Monitoring Report for December 1, 2018 through May 31, 2019, and on December 30, 2019 the Bureau received the Facility's Semi-Annual Monitoring Report June 1, 2019 through November 30, 2019. Based on these reports, Bureau staff determined that DCP failed to report sufficient information in the Semi-Annual Monitoring Reports to demonstrate compliance with this permit condition. On March 20, 2020, Bureau staff requested that DCP provide records showing the dates and times that each engine ran during the reporting periods. DCP provided the additional records to the Bureau on April 24, 2020. Based on these additional records, Bureau staff found that DCP failed to meet the operating conditions of Scenario B at the Facility for a total of 19 hours during the reporting periods. The following Scenario B violations occurred:

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12/6/18 2 instances, 1 hour each
12/18/19 2 instances, 4 hours each
2/28/19 1 instance, 3 hours
3/25/19 1 instance, 3 hours
3/26/19 1 instance, 1 hour
7/25/19 1 instance, 1 hour
11/21/19 1 instance, 1 hour
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DCP did not report any deviations associated with this permit condition during the Semi-Annual Reporting Periods.

On July 15, 2020, the Bureau received the Facility's Semi-Annual Monitoring Report for December 1, 2019 through May 31, 2020. Based on this report, Bureau staff found that DCP failed to record monthly total engine operating hours and the monthly rolling 12-month annual total hours of engine operation, resulting in 6 months of incomplete records submitted to the Bureau. DCP did not report any deviations associated with this permit condition during this Semi-Annual Reporting Period.

On December 31, 2020, the Bureau received the Facility's Semi-Annual Monitoring Report for June 1, 2020 through November 30, 2020. Based on this report, Bureau staff determined that DCP failed to record monthly total operating hours and the monthly rolling 12-month annual total hours of engine operation, resulting in 6 months of incomplete records submitted to the Bureau. DCP reported this deviation in the Semi-Annual Monitoring Report.

In summary, based on an evaluation of the records provided by DCP, Bureau staff determined that DCP failed to operate properly under Scenario B in 9 instances for a total of 19 hours, resulting in 9 claims. The evaluation also determined that DCP failed to record monthly total engine operating hours and the monthly rolling 12-month annual total hours over a 12-month period, resulting in 12 claims.

Conclusion:

The failure of DCP to operate properly under Scenario B and to record the dates and times that each unit operated during the month, monthly total operating hours, and monthly rolling 12-month annual total hours of operation at the Linam Ranch Gas Plant is a violation of Title V Permit P094-R2, Specific Condition: A112.B.

Corrective Action Required:

Company: DCP Operating Company, LP (DCP) Inspection By: Leigh Barr

Facility: Linam Ranch Gas Plant **Date of Discovery:** July 15, 2020 (semi-annual test)

January 27, 2021 (annual test)

NOV #: DCP-0589-2101 NOV Prepared By: Leigh Barr, Cindy Hollenberg

Permit #: P094-R2 NRV, FRV or HPV: FRV

VIOLATION 6 Permit P094-R2, Specific Condition A201.B, *Periodic Testing (Units 6, 7, 8, 9, 10 and 11)*

Number of Claims: 2

Requirement:

Title V Permit P094-R2, Specific Condition A201.B, *Periodic Testing (Units 6, 7, 8, 9, 10 and 11), Monitoring* states: "The permittee shall test using a portable analyzer or EPA Reference Methods subject to the requirements and limitations of Section B108, General Monitoring Requirements. For periodic testing of NOx and CO, emissions tests shall be carried out as described below. Test results that demonstrate compliance with the CO emission limits shall also be considered to demonstrate compliance with the VOC emission limits . . . (a) The monitoring period shall be semiannually for Units 6 and 7 and annually for 8, 9, 10, and 11."

Description:

On July 15, 2020, the Bureau received the Facility's Semi-Annual Monitoring Report for December 1, 2019 through May 31, 2020. Based on this report, Bureau staff found that DCP failed to conduct a semi-annual test of Unit 7 at the Facility. The Unit 7 test was due by May 31, 2020; however, DCP did not conduct testing until June 10, 2020. DCP reported this as a deviation in the Semi-Annual Monitoring Report.

On December 31, 2020, the Bureau received the Facility's Semi-Annual Monitoring Report for June 1, 2020 through November 30, 2020. Based on this report, Bureau staff determined that an engine test summary for Unit 10 was not included in the Semi-Annual Monitoring Report. The Bureau requested a copy of the annual 2020 test report for Unit 10 from DCP on January 11, 2021. On January 27, 2021 DCP confirmed via email that the annual test for Unit 10 did not occur. DCP did not report any deviations associated with this permit condition during this Semi-Annual Reporting Period.

In summary, based on an evaluation of all records provided by DCP, Bureau staff determined that DCP failed to conduct a semi-annual test of Unit 7 and failed to conduct an annual test of Unit 10, resulting in 2 claims.

Conclusion:

The failure of DCP to conduct a semi-annual engine test of Unit 7 and an annual engine test of Unit 10 at the Linam Ranch Gas Plant is a violation of Title V Permit P094-R2, Specific Condition: A201.B.

Corrective Action Required:

DCP shall identify the cause(s) of this violation and provide a report within 15 days of issuance of this NOV of the actions taken to prevent the recurrence of this violation.

The following additional corrective actions are required:

- 1. Within 15 days of issuance of this NOV, DCP shall provide to the Bureau a 2021 and 2022 engine test schedule with tentative scheduled test dates and dates of completed testing thus far.
- 2. If not already completed, DCP shall immediately schedule an annual test of unit 10 and submit to the Bureau the complete test report within 30 days of the test.

Company: DCP Operating Company, LP (DCP) Inspection By: Leigh Barr Facility: Linam Ranch Gas Plant Date of Discovery: June 8, 2020

NOV #: DCP-0589-2101 NOV Prepared By: Leigh Barr, Cindy Hollenberg

Permit #: P094-R2 NRV, FRV or HPV: FRV

VIOLATION 7 Permit P094-R2, Specific Condition A203.D, *Truck Loading – Condensate Loadout*

(Units TK-VRU and TK-VRUTMP)

Number of Claims: 575

Requirement:

Title V Permit P094-R2, Specific Condition A203.D, *Truck Loading – Condensate Loadout (Units TK-VRU and TK-VRUTMP), Requirement* states: "Condensate shall only be loaded and transported off-site via pipeline. Condensate loading via truck shall only occur during emergency situations. Under normal operating conditions, no emissions from condensate loading shall be emitted directly to the atmosphere. If emissions from condensate loading ever occur, an excess emission report shall be filed per 20.2.7.110 NMAC. (NSR 0039-M8, Condition A203.D)"

Description:

On July 12, 2019, the Bureau received the Facility's Semi-Annual Monitoring Report for December 1, 2018 through May 31, 2019, and on December 30, 2019, the Bureau received the Facility's Semi-Annual Monitoring Report for June 1, 2019 through November 30, 2019. Based on these reports, Bureau staff determined that DCP failed to report sufficient information in the Semi-Annual Monitoring Reports to demonstrate compliance with this permit condition. On March 20, 2020, the Bureau requested documentation from DCP demonstrating that no emissions were emitted during condensate loading via truck. DCP provided additional records to the Bureau on April 24, 2020. Based on these additional records, Bureau staff found that DCP failed to utilize a vapor return line at the Facility during calendar years 2018 and 2019, resulting in emissions directly to the atmosphere. On June 8, 2020, DCP submitted final excess emission reports ("EERs") 000589-04242020-02 and 000589-04242020-01 and supporting documentation for these emission events. Based on the supporting documentation, Bureau staff determined that DCP utilized condensate loading via truck 346 times during calendar years 2018 and 2019. This frequency of condensate loading via truck suggests that DCP did not utilize this process only during emergency situations as required by the permit condition. DCP did not report any deviations associated with this permit condition during the Semi-Annual Reporting Periods. No documentation of an emergency was included in the EERs.

On July 15, 2020, the Bureau received the Facility's Semi-Annual Monitoring Report for December 1, 2019 through May 31, 2020. Based on this report, Bureau staff found that DCP failed to conduct condensate loading via truck at the Facility without emitting emissions directly to the atmosphere. On July 15, 2020, DCP submitted final EER 000589-07152020-01 and supporting documentation for the associated emission events. Based on the supporting documentation, Bureau staff determined that DCP utilized condensate loading via truck 61 times during January and February 2020 without the use of a vapor return line. This frequency of condensate loading via truck suggests that DCP did not utilize this process only during emergency situations as required by the permit condition. No documentation of an emergency was included in the EER. DCP reported the EER associated with this permit condition as a deviation in this Semi-Annual Monitoring Report.

On December 31, 2020, the Bureau received the Facility's Semi-Annual Monitoring Report for June 1, 2020 through November 30, 2020. Based on this report, Bureau staff found that DCP failed to conduct condensate loading via truck at the Facility without emitting emissions directly to the atmosphere. On December 30, 2020, DCP submitted final EER 000589-12302020-01 and supporting documentation for the associated emission events. Based on the supporting documentation for the EER, Bureau staff determined that DCP utilized condensate loading via truck 168 times during July through September 2020 without the use of a vapor return line. This frequency of condensate loading via truck suggests that DCP did not utilize this process only during emergency situations as required by the permit condition. No documentation of an emergency was included in the EER. DCP reported the EER associated with this permit condition as a deviation in this Semi-Annual Monitoring Report.

In summary, based on an evaluation of all records provided by DCP, Bureau staff determined that emissions were emitted directly to the atmosphere during 575 events of condensate loading via truck, and that this process was not utilized only during emergency situations, resulting in 575 claims.

Conclusion:

The failure of DCP to conduct condensate loading without emitting directly to the atmosphere and to only utilize condensate loading via truck during emergency situations at the Linam Ranch Gas Plant is a violation of Title V Permit P094-R2, Specific Condition: A203.D.

Corrective Action Required:

Company: DCP Operating Company, LP (DCP) Inspection By: Leigh Barr Facility: Linam Ranch Gas Plant Date of Discovery: June 8, 2020

NOV #: DCP-0589-2101 NOV Prepared By: Leigh Barr, Cindy Hollenberg

Permit #: P094-R2 NRV, FRV or HPV: FRV

<u>VIOLATION 8</u> 20.2.7 NMAC – *Excess Emissions*, Section 110 – *Notification*

Number of Claims: 8

Requirement:

20.2.7.110 NMAC – *Notification* states:

"The owner or operator of a source having an excess emission shall report the following information to the department on forms provided by the department. The department may authorize the submittal of such reports in electronic format.

- (1) Initial report: the owner or operator shall file an initial report, no later than the end of the next regular business day after the time of discovery of an excess emission that includes all available information for each item in Subsection B of 20.2.7.110 NMAC.
- (2) Final report: the owner or operator shall file a final report that contains specific and detailed information for each item in Subsection B of 20.2.7.110 NMAC, no later than ten (10) days after the end of the excess emission."

Description:

The Bureau received the following excess emission reports (EERs) from DCP:

EER Number	Submittal	Submittal	Bureau EER	Comments
	Date of Initial	Date of Final	Review Date	
	EER	EER		
000589-04242020-01	April 24, 2020	June 8, 2020	June 8, 2020	For condensate loading emissions
				during calendar year 2018.
000589-04242020-02	April 24, 2020	June 8, 2020	June 8, 2020	For condensate loading emissions
				during calendar year 2019.
000589-07152020-01	July 15, 2020	July 15, 2020	October 9,	For condensate loading emissions
			2020	from January through February 2020.
000589-12302020-01	December 30,	December 30,	January 7,	For condensate loading emissions
	2020	2020	2021	from July through September 2020.

Based on the above EERs, Bureau staff determined that the initial and final EERs were not filed within the timeframe required by 20.2.7.110 NMAC. DCP did not report any deviations associated with 20.2.7.110 NMAC in the applicable Semi-Annual Monitoring Reports.

In summary, based on an evaluation of all provided records, Bureau staff determined that the initial and final EERs for four EERs were not reported within the required timeframe, resulting in 6 claims: Initial (2) and final (2) reports for 2018 and 2019; initial (2) reports for 2020.

Conclusion:

The failure of DCP to submit initial and final EERs for the Linam Ranch Gas Plant within the required timeframe is a violation of 20.2.7.110 NMAC.

Corrective Action Required:

DCP shall identify the cause(s) of this violation and provide a report within 15 days of issuance of this NOV of the actions taken to prevent the recurrence of this violation.

The following additional corrective actions are required:

1. Within 15 days of issuance of this NOV, DCP shall provide to the Bureau documentation of emergency status for each truck loadout event in 2021 and 2022. Documentation will state whether the Semi-annual Reports for December 1, 2020 through May 31, 2021 and June 1, 2021 through November 21, 2021 included deviations for truck loadout in non-emergency situations.

Company:DCP Operating Company, LP (DCP)Inspection By:Leigh BarrFacility:Linam Ranch Gas PlantDate of Discovery:July 15, 2020

NOV #: DCP-0589-2101 NOV Prepared By: Leigh Barr, Cindy Hollenberg

Permit #: P094-R2 NRV, FRV or HPV: FRV

VIOLATION 9 Permit P094-R2, Specific Condition A204.C, Excess Air (Units 34, 36, and 37)

Number of Claims: 3

Requirement:

Title V Permit P094-R2, Specific Condition A204.C, Excess Air (Units 34, 36, and 37), Monitoring states: "The permittee shall monitor the excess air level in the flue gas semi-annually using a portable oxygen analyzer or other method approved in advance by the Department."

Description:

On July 15, 2020, the Bureau received the Facility's Semi-Annual Monitoring Report for December 1, 2019 through May 31, 2020. Based on this report, Bureau staff found that DCP failed to conduct semi-annual excess air monitoring of Units 34, 36, and 37 at the Facility during this monitoring period. DCP reported this as a deviation in the Semi-Annual Monitoring Report.

In summary, based on an evaluation of the records provided by DCP, Bureau staff determined that DCP failed to conduct semi-annual excess air monitoring of Units 34, 36, and 37, resulting in 3 claims.

Conclusion:

The failure of DCP to conduct semi-annual excess air monitoring of Units 34, 36 and 37 at the Linam Ranch Gas Plant is a violation of Title V Permit P094-R2, Specific Condition: A204.C.

Corrective Action Required:

DCP shall identify the cause(s) of this violation and provide a report within 15 days of issuance of this NOV of the actions taken to prevent the recurrence of this violation.

The following additional corrective actions are required:

 Within 15 days of issuance of this NOV, DCP shall provide to the Bureau the 2021 and 2022 excess air monitoring schedule with tentative and scheduled monitoring dates and dates of completed monitoring thus far. Company:DCP Operating Company, LP (DCP)Inspection By:Leigh BarrFacility:Linam Ranch Gas PlantDate of Discovery:July 15, 2020

NOV #: DCP-0589-2101 NOV Prepared By: Leigh Barr, Cindy Hollenberg

Permit #: P094-R2 NRV, FRV or HPV: FRV

VIOLATION 10 Permit P094-R2, Specific Condition A206.B, Facility Blowdown System (Units 2 and 4A)

Number of Claims: 1

Requirement:

Title V Permit P094-R2, Specific Condition A206.B, Facility Blowdown System (Units 2 and 4A), Recordkeeping states: "Smokeless flares shall be designed for and operated with no visible emissions except for periods not to exceed a total of 5 minutes during any 2 consecutive hours as determined by Method 22, semi-annually."

US EPA Method 22, Section 11.4.3 *Observer Rest Breaks* states: "Do not observe emissions continuously for a period of more than 15 to 20 minutes without taking a rest break. For sources requiring observation periods of greater than 20 minutes, the observer shall take a break of not less than 5 minutes and not more than 10 minutes after every 15 to 20 minutes of observation. If continuous observations are desired for extended time periods, two observers can alternate between making observations and taking breaks."

Description:

On July 15, 2020, the Bureau received the Facility's Semi-Annual Monitoring Report for December 1, 2019 through May 31, 2020. Based on this report, Bureau staff found that DCP failed to meet the requirements of Method 22 by not taking the required rest breaks every 15 to 20 minutes of observation while conducting visible emissions observations of Unit 4A on May 29, 2020 at the Facility. One observer completed two 20-minute observation periods with only one minute of rest between. After the second 20-minute observation, she rested for 21 minutes, then completed two more 20-minute observation periods with one minute of rest between. She then rested another 21 minutes. After the fifth observation, she again rested 21 minutes. All rests were outside the required 5 to 10 minutes of rest. DCP did not report any deviations associated with this permit condition during the Semi-Annual Reporting Period.

In summary, based on the records provided by DCP, Bureau staff determined that the visible emissions observation conducted on May 29, 2020 for Unit 4A did not meet the rest break requirements of Method 22, thereby invalidating the test results, and resulting in 1 claim.

Conclusion:

The failure of DCP to meet the requirements of Method 22 while conducting a visible emissions observation at the Linam Ranch Gas Plant is a violation of Title V Permit P094-R2, Specific Condition: A206.B.

Corrective Action Required:

The following additional corrective actions are required:

1. Within 15 days of issuance of this NOV, DCP shall provide to the Bureau documentation of staff training in Method 22 requirements. The documentation shall include all training materials, date(s) of training and the staff names trained.

Company:DCP Operating Company, LP (DCP)Inspection By:Leigh BarrFacility:Linam Ranch Gas PlantDate of Discovery:April 20, 2020

NOV #: DCP-0589-2101 NOV Prepared By: Leigh Barr, Cindy Hollenberg

Permit #: P094-R2 NRV, FRV or HPV: FRV

<u>VIOLATION 11</u> Permit P094-R2, Specific Conditions A106, Facility: Allowable Emissions and A107, Facility: Allowable Startup, Shutdown, & Maintenance (SSM) and Malfunction Emissions

Number of Claims: 615

Requirement:

Title V Permit P094-R2, Specific Condition A106, Facility: Allowable Emissions states "The following Section [Table 106.A] lists the emission units, and their allowable emission limits. (40 CFR 50; 40 CFR 60, Subparts A, Dc, Kb, GG, KKK, & KKKK; 40 CFR 63, Subparts A, HH, YYYY, & DDDDD; Paragraphs 1, 7, and 8 of 20.2.70.302.A NMAC; and NSR Permit 0039-M8)."

Title V Permit P094-R2, Specific Condition: A107, Facility: Allowable Startup, Shutdown, & Maintenance (SSM) and Malfunction Emissions states "The maximum allowable SSM and Malfunction emission limits for this facility are listed in Table 107.A and were relied upon by the Department to determine compliance with applicable regulations."

Tables 106.A and 107.A are reproduced in Attachment 1.

Description:

The Bureau received the following final excess emission reports (EERs) from DCP for the Facility:

- EER 000589-04202020-01, Final EER received on April 20, 2020.
- EER 000589-04242020-01, Final EER received on June 8, 2020.
- EER 000589-04242020-02, Final EER received on June 8, 2020.
- EER 000589-07152020-01, Final EER received on July 15, 2020.
- EER 000589-08032020-01, Final EER received on August 12, 2020.
- EER 000589-08032020-02, Final EER received on August 12, 2020.
- EER 000589-12302020-01, Final EER received on December 30, 2020.

Based on these reports, Bureau staff determined that the EERs included the following calculated emissions above the permit limits contained in Title V Permit P094-R2, as shown in Attachment 2:

- Carbon Monoxide 2,821 pounds
- Oxides of Nitrogen 519 pounds
- Sulfur Dioxide 3,081 pounds
- Volatile Organic Compounds 26,899 pounds
- Hydrogen Sulfide 33 pounds

Attachment 2 also shows 615 violations for the reported excess emissions. DCP did not submit Affirmative Defense Demonstrations for these EERs.

Conclusion:

The failure of DCP to maintain emissions at or below permitted allowable emission rates at the Linam Ranch Gas Plant is a violation of Title V Permit P094-R2, Specific Conditions: A106 and A107.

Corrective Action Required:

Company: DCP Operating Company, LP (DCP) **Inspection By:** Leigh Barr

Facility: Linam Ranch Gas Plant Date of Discovery: December 31, 2020

NOV #: DCP-0589-2101 NOV Prepared By: Leigh Barr, Cindy Hollenberg

Permit #: P094-R2 NRV, FRV or HPV: FRV

VIOLATION 12 Permit P094-R2, Specific Condition A109.B, Facility: Reporting Schedules

Number of Claims: 1

Requirement:

Title V Permit P094-R2, Specific Condition A109.B, Facility: Reporting Schedules, Reporting states: "The Annual Compliance Certification Report is due within 30 days of the end of every 12-month reporting period. The 12-month reporting period starts on December 1st of each year."

Description:

On December 31, 2020, the Bureau received the Annual Compliance Certification ("ACC") Report that covered the period June 1, 2020 through November 30, 2020 with a partial year notation. Based on this report, Bureau staff found that DCP failed to certify a complete ACC Report for the Facility. Following notification that the submitted ACC Report could not be accepted by the Bureau, DCP resubmitted the ACC Report on January 12, 2021, which the Bureau determined to be complete. DCP did not report any deviations associated with this permit condition during the associated Semi-Annual and ACC Reporting Periods.

In summary, based on the records provided by DCP, Bureau staff determined that the Annual Compliance Certification Report was not submitted within the required timeframe, resulting in 1 claim. The report was due December 30, 2020; the accepted ACC was submitted January 12, 2021 (13 days late).

Conclusion:

The failure of DCP to submit the ACC Report within 30 days of the end of every 12-month reporting period is a violation of Title V Permit P094-R2, Specific Condition: A109.B.

Corrective Action Required:

Company:DCP Operating Company, LP (DCP)Inspection By:Margaret DoyleFacility:Linam Ranch Gas PlantDate of Discovery:March 4, 2021

NOV #: DCP-0589-2101 NOV Prepared By: Leigh Barr, Cindy Hollenberg

Permit #: P094-R3 NRV, FRV or HPV: FRV

VIOLATION 13 40 CFR 63, Subpart DDDDD, National Emission Standards for Hazardous Air Pollutants

for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters, §63.7540, How do I demonstrate continuous compliance with the emission

limitations, fuel specifications and work practice standards?

Number of Claims: 4

Requirement:

40 CFR 63, Subpart DDDDD, National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters, §63.7540, How do I demonstrate continuous compliance with the emission limitations, fuel specifications and work practice standards? States, in relevant part:

- "(a) You must demonstrate continuous compliance with each emission limit in Tables 1 and 2 or 11 through 13 to this subpart, the work practice standards in Table 3 to this subpart, and the operating limits in Table 4 to this subpart that applies to you according to the methods specified in Table 8 to this subpart and paragraphs (a)(1) through (19) of this section . . .
- (10) If your boiler or process heater has a heat input capacity of 10 million Btu per hour or greater, you must conduct an annual tune-up of the boiler or process heater to demonstrate continuous compliance as specified in paragraphs (a)(10)(i) through (vi) of this section . . .
- (12) If your boiler or process heater has a continuous oxygen trim system that maintains an optimum air to fuel ratio, or a heat input capacity of less than or equal to 5 million Btu per hour and the unit is in the units designed to burn gas 1; units designed to burn gas 2 (other); or units designed to burn light liquid subcategories, or meets the definition of limited-use boiler or process heater in §63.7575, you must conduct a tune-up of the boiler or process heater every 5 years as specified in paragraphs (a)(10)(i) through (vi) of this section to demonstrate continuous compliance."

Description:

On March 4, 2021, Bureau staff requested monitoring records from DCP, including Tuning Reports for Unit #34 (Regenerator Heater) and #36 and #37 (Boilers). Specifically, the Bureau requested two years of records for Unit #34, which has a heating value of 15 MMBtu/hr and does not include an oxygen trim system; this unit requires annual tunings. The Bureau requested five years of records for Units #36 and #37, which have heating values of 99 MMBtu/hr and operate with oxygen trim systems; each of these units requires tunings every five years.

DCP provided copies of monitoring records for these units via email on March 4, 2021. These records included fuel consumption, emission rates and visual inspection records for each unit. DCP did not

provide any tuning reports. Bureau staff confirmed by phone that DCP could not provide the requested tuning records for any of the units.

In summary, based on the records provided by DCP, Bureau staff determined that DCP failed to demonstrate compliance with work practice standards, including two annual tunings for Unit #34 and quintennial tunings for Units #36 and 37, resulting in 4 claims.

Conclusion:

The failure of DCP to demonstrate continuous compliance with work practice standards is in violation of 40 CFR 63, Subpart DDDDD, §63.7540.a (10) and (12).

Corrective Action Required:

DCP shall identify the cause(s) of this violation and provide a report within 15 days of issuance of this NOV of the actions taken to prevent the recurrence of this violation.

The following additional corrective actions are required:

1. Within 15 days of issuance of this NOV, DCP shall provide to the Bureau documentation that Units #34, 36 and 37 have been tuned according to the work practice standards in 40 CFR 63, Subpart DDDDD.

CORRECTIVE ACTION VERIFICATION

This form must be completed for each Violation, signed by the facility's Responsible Official (Title V) or other designee, and returned within 30 days of the receipt of the NOV. All Corrective Actions must be completed according to each violation's corrective action instructions. Documentation for corrective actions (in addition to this form) must be submitted electronically no later than the dates specified for each violation. Submit this form and all required documentation to:

Cindy Hollenberg cindy.hollenberg@state.nm.us

All Corrective Action submittals must be submitted with the Reporting Submittal Form. The Reporting Submittal Form and instructions can be located at: https://www.env.nm.gov/air-quality/compliance-and-enforcement/#.

I hereby verify that DCP has initiated the required corrective actions outlined in this Notice of Violation. The following corrective actions have been taken or will be taken by the dates indicated below for each violation. All required documentation will be submitted electronically by the due dates specified for each corrective action requirement.

Date		

VIOLATION 1 Failure to record monthly total volume of gas vented for SSM events and to properly record and calculate VOC emissions used to determine the 12-month rolling SSM total

Corrective Action Required:

DCP shall identify the cause(s) of this violation and provide a report within 15 days of issuance of this NOV of the actions taken to prevent the recurrence of this violation.

Cause(s) of violation:

Actions taken to prevent recurrence of violation:

- 1.
- 2.

VIOLATION 2 Failure to record a description of Malfunction events

Corrective Action Required:

DCP shall identify the cause(s) of this violation and provide a report within 15 days of issuance of this NOV of the actions taken to prevent the recurrence of this violation.

Cause(s) of violation:

Required Corrective Action taken to date:

- 1.
- 2.

VIOLATION 3 Failure to operate the flares with a pilot present at all times and to document the cause and actions taken to bring the flares into normal operating conditions

Corrective Action Required:

DCP shall identify the cause(s) of this violation and provide a report within 15 days of issuance of this NOV of the actions taken to prevent the recurrence of this violation.

Cause(s) of violation:

Required Corrective Action taken to date:

- 1.
- 2.

VIOLATION 4	Failure to record all required monthly parameters and the date and description of
	each Malfunction event.

Corrective Action Required:

DCP shall identify the cause(s) of this violation and provide a report within 15 days of issuance of this NOV of the actions taken to prevent the recurrence of this violation.

Cause(s) of violation:

Required Corrective Action taken to date:

- 1.
- 2.

VIOLATION 5 Failure to operate under Scenario B and to record the following: dates and times that each unit operates during the month, monthly total operating hours, and monthly rolling 12-month annual total hours of operation

Corrective Action Required:

DCP shall identify the cause(s) of this violation and provide a report within 15 days of issuance of this NOV of the actions taken to prevent the recurrence of this violation.

Cause(s) of violation:

Required Corrective Action taken to date:

- 1.
- 2.

VIOLATION 6 Failure to conduct semi-annual engine testing of Unit 7 and annual testing of Unit 10

Corrective Action Required:

DCP shall identify the cause(s) of this violation and provide a report within 15 days of issuance of this NOV of the actions taken to prevent the recurrence of this violation.

The following additional corrective actions are required:

- Within 15 days of issuance of this NOV, DCP shall provide to the Bureau a 2021 and 2022 engine test schedule with tentative scheduled test dates and dates of completed testing thus far.
- 2. If not already completed, DCP shall immediately schedule an annual test of unit 10 and submit to the Bureau the complete test report within 30 days of the test.

_	, ,		
Cause	S	of vio	lation:

Required Corrective Action taken to date:

- 1.
- 2.

Documentation submitted with this report:

Required Corrective Action planned (include date action will be completed):

- 1.
- 2.

Documentation to be submitted by the dates indicated above:

Additional corrective actions taken or planned to prevent recurrence of this violation:

VIOLATION 7 Failure to conduct condensate loading without emitting emissions directly to the atmosphere and to only utilize condensate loading via truck during emergency situations

Corrective Action Required:

DCP shall identify the cause(s) of this violation and provide a report within 15 days of issuance of this NOV of the actions taken to prevent the recurrence of this violation.

Cause(s) of violation:

Required Corrective Action taken to date:

- 1.
- 2.

VIOLATION 8 Failure to file initial and final excess emission reports within the required timeframe

Corrective Action Required:

DCP shall identify the cause(s) of this violation and provide a report within 15 days of issuance of this NOV of the actions taken to prevent the recurrence of this violation.

The following additional corrective actions are required:

 Within 15 days of issuance of this NOV, DCP shall provide to the Bureau documentation of emergency status for each truck loadout event in 2021 and 2022. Documentation will state whether the Semi-annual Reports for December 1, 2020 through May 31, 2021 and June 1, 2021 through November 21, 2021 included deviations for truck loadout in non-emergency situations.

Cause(s) of violation:

Required Corrective Action taken to date:

- 1.
- 2.
- 3.

VIOLATION 9 Failure to conduct semi-annual excess air monitoring of Units 34, 36, and 37

Corrective Action Required:

DCP shall identify the cause(s) of this violation and provide a report within 15 days of issuance of this NOV of the actions taken to prevent the recurrence of this violation.

The following additional corrective actions are required:

1. Within 15 days of issuance of this NOV, DCP shall provide to the Bureau the 2021 and 2022 excess air monitoring schedule with tentative and scheduled monitoring dates and dates of completed monitoring thus far.

Cause(s) of violation:

Required Corrective Action taken to date:

- 1.
- 2.

VIOLATION 10 Failure to meet the requirements of Method 22 while conducting a visible emissions observation

Corrective Action Required:

DCP shall identify the cause(s) of this violation and provide a report within 15 days of issuance of this NOV of the actions taken to prevent the recurrence of this violation.

The following additional corrective actions are required:

1. Within 15 days of issuance of this NOV, DCP shall provide to the Bureau documentation of staff training in Method 22 requirements. The documentation shall include all training materials, date(s) of training and the staff names trained.

Cause(s) of violation:

Required Corrective Action taken to date:

- 1.
- 2.

VIOLATION 11 Failure to maintain emissions at or below permitted allowable emission rates

Corrective Action Required:

DCP shall identify the cause(s) of this violation and provide a report within 15 days of issuance of this NOV of the actions taken to prevent the recurrence of this violation.

Cause(s) of violation:

Required Corrective Action taken to date:

- 1.
- 2.

VIOLATION 12 Failure to submit an Annual Compliance Certification Report within 30 days of the end of every 12-month reporting period
Corrective Action Required:
DCP shall identify the cause(s) of this violation and provide a report within 15 days of issuance of this NOV of the actions taken to prevent the recurrence of this violation.
Cause(s) of violation:
Required Corrective Action taken to date: 1.
2. Documentation submitted with this report:

VIOLATION 13: Failure to demonstrate compliance with work practice standards in 40 CFR 63,

Subpart DDDDD

Corrective Action Required:

DCP shall identify the cause(s) of this violation and provide a report within 15 days of issuance of this NOV of the actions taken to prevent the recurrence of this violation.

The following additional corrective actions are required:

1. Within 15 days of issuance of this NOV, DCP shall provide to the Bureau documentation that Units #34, 36 and 37 have been tuned according to the work practice standards in 40 CFR 63, Subpart DDDDD.

Cause(s) of violation:

Required Corrective Action taken to date:

- 1.
- 2.