



**CERTIFIED MAIL – RETURN RECEIPT REQUESTED**

February 25, 2022

Kimberly Visser-Weinmann  
Las Campanas Water and Sewer Cooperative  
13 Plaza Nueva, Unit B  
Santa Fe, New Mexico 87507

**RE: Draft Discharge Permit Renewal, DP-944, Las Campanas Water Treatment Facility**

Dear Kimberly Visser-Weinmann,

The New Mexico Environment Department (NMED) hereby provides notice of the proposed approval of Ground Water Discharge Permit Renewal, DP-944, (copy enclosed), pursuant to Subsection H of 20.6.2.3108 NMAC. NMED will publish notice of the availability of the draft Discharge Permit in the near future for public review and comment and will forward a copy of that notice to you.

Prior to making a final ruling on the proposed Discharge Permit, NMED will allow 30 days from the date the public notice is published in the newspaper for any interested party, including the Discharge Permit applicant, i.e., yourself, to submit written comments and/or a request a public hearing. A hearing request shall set forth the reasons why a hearing is requested. NMED will hold a hearing in response to a timely hearing request if the NMED Secretary determines there is substantial public interest in the proposed Discharge Permit.

Please review the enclosed draft Discharge Permit carefully. Please be aware that this Discharge Permit may contain conditions that require the permittee to implement operational, monitoring or closure actions by a specified deadline.

Please submit written comments or a request for hearing to my attention at the address above or via email to [lynette.guevara@state.nm.us](mailto:lynette.guevara@state.nm.us). If NMED does not receive written comments or a request for hearing during the public comment period, the draft Discharge Permit will become final.

Thank you for your cooperation during the review process. Feel free to contact me with any questions at (505) 629-8811.

Kimerberly Visser-Weinmann, DP-944

February 25, 2022

Page 2 of 2

Sincerely,

Lynette Guevara

Reuse Team Lead

Pollution Prevention Section

Encl: Draft Discharge Permit Renewal, DP-944

cc: Bryan Romero, Las Campanas Water and Sewer Cooperative Consultant



**NEW MEXICO**  
**ENVIRONMENT DEPARTMENT**  
Ground Water Quality Bureau  
1190 Saint Francis Drive / PO Box 5469  
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**Public Comment Draft: 2/24/2021**

**GROUND WATER QUALITY BUREAU**  
**DISCHARGE PERMIT**  
**Issued under 20.6.2 NMAC**

**Facility Name:** Las Campanas Water Treatment Facility  
**Discharge Permit Number:** DP-944  
**Facility Location:** 428 B Las Campanas Drive  
Santa Fe, NM

**County:** Santa Fe

**Permittee:** Las Campanas Water and Sewer Cooperative  
13 Plaza Nueva, Unit B  
Santa Fe, New Mexico 87507

**Facility Contact:** Kimberly Visser-Weinmann

**Telephone Number/Email:** 505-577-0364/ [kvisser@lcwatercoop.com](mailto:kvisser@lcwatercoop.com)

**Permitting Action:** Renewal  
**Permit Issuance Date:** DATE  
**Permit Expiration Date:** DATE

**NMED Permit Contact:** Lynette Guevara  
**Telephone Number/Email:** 505-629-8811 / [lynette.guevara@state.nm.us](mailto:lynette.guevara@state.nm.us)

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**JUSTIN D. BALL**  
Chief, Ground Water Quality Bureau  
New Mexico Environment Department

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Date

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## ATTACHMENTS

Discharge Permit Summary

## **I. INTRODUCTION**

The New Mexico Environment Department (NMED) issues this groundwater discharge permit Renewal (Discharge Permit or DP-944) to the Las Campanas Water and Sewer Cooperative (Permittee) pursuant to the New Mexico Water Quality Act (WQA), NMSA 1978 §§74-6-1 through 74-6-17, and the New Mexico Water Quality Control Commission (WQCC) Ground and Surface Water Protection Regulations, 20.6.2 NMAC.

NMED's purpose in issuing this Discharge Permit, and in imposing the requirements and conditions specified herein, is to control the discharge of water contaminants from Las Campanas Water Treatment Facility (Facility) in order to protect groundwater and those segments of surface water gaining from groundwater inflow for present and potential future use as domestic and agricultural water supply and other uses, and to protect public health. It is NMED's determination in issuing this Discharge Permit that the Permittee has met the requirements of Subsection C of 20.6.2.3109 NMAC. The Permittee is responsible for complying with the terms and conditions of this Discharge Permit pursuant to Section 20.6.2.3104 NMAC; failure to do so may result in enforcement action by NMED (20.6.2.1220 NMAC).

Described below are the activities that produce the discharge, the location of the discharge, and the quantity, quality and flow characteristics.

An activated sludge wastewater treatment system receives and treats at a volume of up to 320,000 gallons per day (gpd). The Permittee transfers treated wastewater (reclaimed domestic wastewater) to Lake 5 at the Club at Las Campanas. NMED authorizes the storage and use of this reclaimed wastewater under DP-1869. Treated wastewater that does not meet Class 1B reclaimed wastewater quality limits discharges to a synthetically lined impoundment for disposal by evaporation or returns to the wastewater treatment plant for further treatment.

The discharge may contain water contaminants or toxic pollutants elevated above the standards of Section 20.6.2.3103 NMAC and is not subject to the exemption at Subsection 20.6.2.3105.A NMAC.

The Facility is located at 428 Las Campanas Drive, approximately six miles northwest of Santa Fe, in Section 15, Township 17N, Range 8E, Santa Fe County. A discharge at the Facility is most likely to affect groundwater at a depth of approximately 279 feet and having a pre-discharge total dissolved solids (TDS) concentration of approximately 274 milligrams per liter.

NMED issued the original Discharge Permit to the Permittee on August 13, 1993, and subsequently amended on September 15, 1993, renewed on March 16, 2001, modified on June 21, 2002, modified on July 9, 2003, amended on June 21, 2004, renewed and modified on June 26, 2007, and renewed on June 2, 2017. The application (i.e., discharge plan) associated with this

Discharge Permit consists of the materials submitted by the Las Campanas Water and Sewer Cooperative dated August 12, 2021, and materials contained in the administrative record prior to issuance of this Discharge Permit.

The Permittee shall manage the discharge in accordance with all conditions and requirements of this Discharge Permit.

NMED reserves the right to require a Discharge Permit modification in the event NMED determines that the Permittee is or may be violating, or is likely to violate in the future, the requirements of 20.6.2 NMAC or the standards of Section 20.6.2.3103 NMAC. NMED reserves this right pursuant to Section 20.6.2.3109 NMAC. An NMED requirement to modify the Discharge Permit may result from a determination by the department that structural controls and/or management practices approved under this Discharge Permit are insufficiently protective of groundwater quality and human health. NMED reserves the right to require the Permittee implement abatement of water pollution and remediate groundwater quality.

NMED issuance of this Discharge Permit does not relieve the Permittee of the responsibility to comply with the WQA, WQCC Regulations, and any other applicable federal, state and/or local laws and regulations, such as zoning requirements and nuisance ordinances.

This Discharge Permit may use the following acronyms and abbreviations.

Abbreviation	Explanation	Abbreviation	Explanation
BOD <sub>5</sub>	biochemical oxygen demand (5-day)	NMED	New Mexico Environment Department
CAP	Corrective Action Plan	NMSA	New Mexico Statutes Annotated
CFR	Code of Federal Regulations	NO <sub>3</sub> -N	nitrate-nitrogen
CFU	colony forming unit	NTU	nephelometric turbidity units
Cl	chloride	QA/QC	Quality Assurance/Quality Control
EPA	United States Environmental Protection Agency	TDS	total dissolved solids
Gpd	gallons per day	TKN	total Kjeldahl nitrogen
LAA	land application area	total nitrogen	= TKN + NO <sub>3</sub> -N
LADS	Land Application Data Sheet(s)	TRC	total residual chlorine
mg/L	milligrams per liter	TSS	total suspended solids
mL	milliliters	WQA	New Mexico Water Quality Act
MPN	most probable number	WQCC	Water Quality Control Commission
NMAC	New Mexico Administrative Code	WWTF	Wastewater Treatment Facility

## **II. FINDINGS**

In issuing this Discharge Permit, NMED finds the following.

1. The Permittee is discharging effluent or leachate from the Facility so that such effluent or leachate may move into groundwater of the State of New Mexico that has an existing concentration of 10,000 mg/L or less of TDS, within the meaning of Subsection A of 20.6.2.3101 NMAC, without exceeding standards of 20.6.2.3103 NMAC for any water contaminant.
2. The Permittee is discharging effluent or leachate from the Facility directly or indirectly into groundwater pursuant to this Discharge Permit and Sections 20.6.2.3000 through 20.6.2.3114 NMAC.
3. The discharge from the Facility is not subject to any of the exemptions of Section 20.6.2.3105 NMAC.

## **III. AUTHORIZATION TO DISCHARGE**

The Permittee is responsible for ensuring that discharges authorized by this Discharge Permit are consistent with the terms and conditions herein pursuant to 20.6.2.3104 NMAC.

This Discharge Permit authorizes the Permittee to receive and treat up to 320,000 gpd of domestic wastewater using an activated sludge wastewater treatment plant. This Discharge Permit authorizes the Permittee to discharge treated domestic wastewater that does not meet Class 1B reclaimed wastewater quality limits to a synthetically lined impoundment for disposal by evaporation or returned to the wastewater treatment plant for further treatment.

This Discharge Permit authorizes the Permittee to transfer reclaimed domestic wastewater to other entities authorized by NMED under separate Discharge Permits.

[20.6.2.3104 NMAC, Subsection C of 20.6.2.3106 NMAC, Subsection D of 20.6.2.3109 NMAC]

## **IV. CONDITIONS**

NMED issues this Discharge Permit for the discharge of water contaminants subject to the following conditions.

**A. OPERATIONAL PLAN**

#	Terms and Conditions
1.	The Permittee shall implement the following operational plan to ensure compliance with Title 20, Chapter 6, Parts 2 and 4 NMAC.  [Subsection C of 20.6.2.3109 NMAC]
2.	The Permittee shall operate in a manner that does not violate standards and requirements of Sections 20.6.2.3101 and 20.6.2.3103 NMAC.  [20.6.2.3101 NMAC, 20.6.2.3103 NMAC, Subsection C of 20.6.2.3109 NMAC]

**Operating Conditions**

#	Terms and Conditions																								
3.	<p>The Permittee shall ensure that Class 1B reclaimed domestic wastewater discharged from the final treatment process to Lake 5 at the Club at Las Campanas does not exceed the following discharge limits.</p> <table><tr><th>Test</th><th>30-day Average</th><th>Maximum</th></tr><tr><td>Total Nitrogen</td><td></td><td>15 mg/L</td></tr><tr><td>Fecal coliform</td><td>100 CFU or MPN/100 mL</td><td>200 CFU or MPN/100 mL</td></tr><tr><td>OR</td><td>OR</td><td>OR</td></tr><tr><td>E. coli bacteria</td><td>63 CFU or MPN/100 mL</td><td>126 CFU or MPN/100 mL</td></tr><tr><td>BOD<sub>5</sub></td><td>30 mg/L</td><td>45 mg/L</td></tr><tr><td>TSS:</td><td>30 mg/L</td><td>45 mg/L</td></tr><tr><td>TRC OR UV Transmissivity</td><td>Monitor Only</td><td>Monitor Only</td></tr></table> <p>[Subsections B and C of 20.6.2.3109 NMAC, NMSA 1978, § 74-6-5.D]</p>	Test	30-day Average	Maximum	Total Nitrogen		15 mg/L	Fecal coliform	100 CFU or MPN/100 mL	200 CFU or MPN/100 mL	OR	OR	OR	E. coli bacteria	63 CFU or MPN/100 mL	126 CFU or MPN/100 mL	BOD <sub>5</sub>	30 mg/L	45 mg/L	TSS:	30 mg/L	45 mg/L	TRC OR UV Transmissivity	Monitor Only	Monitor Only
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TSS:	30 mg/L	45 mg/L																							
TRC OR UV Transmissivity	Monitor Only	Monitor Only																							
4.	<p>The Permittee shall maintain fences around the Facility to restrict access by the general public and animals. The fences shall consist of a minimum of six-foot chain link or field fencing and locking gates. The Permittee shall maintain the fences to serve the stated purpose throughout the term of this Discharge Permit.</p>																								



#	Terms and Conditions
	<p>[Subsections B and C of 20.6.2.3109 NMAC, NMSA 1978, § 74-6-5.D]</p>
5.	<p>The Permittee shall install and maintain signs indicating that the wastewater at the Facility is not potable. The Permittee shall post signs at the Facility entrance and other areas where there is potential for public contact with wastewater. The Permittee shall print signs in English and Spanish and shall ensure the signs remain visible and legible for the term of this Discharge Permit.</p> <p>[Subsections B and C of 20.6.2.3109 NMAC, NMSA 1978, § 74-6-5.D]</p>
6.	<p>The Permittee shall maintain the impoundment liner to avoid conditions that could affect the liner or the structural integrity of the impoundment. Characterization of such conditions may include the following:</p> <ul style="list-style-type: none"><li>• erosion damage;</li><li>• animal burrows or other damage;</li><li>• the presence of vegetation including aquatic plants, weeds, woody shrubs or trees growing within five feet of the top inside edge of a sub-grade impoundment, within five feet of the toe of the outside berm of an above-grade impoundment, or within the impoundment itself;</li><li>• the presence of large debris or large quantities of debris in the impoundment;</li><li>• evidence of seepage; or</li><li>• evidence of berm subsidence.</li></ul> <p>The Permittee shall routinely control vegetation growing around the impoundment by mechanical removal that is protective of the impoundment liner.</p> <p>The Permittee shall visually inspect the impoundment and surrounding berms on a monthly basis to ensure proper maintenance. In the event that inspection reveals any evidence of damage that threatens the structural integrity of an impoundment berm or liner, or that may result in an unauthorized discharge, the Permittee shall implement the Contingency Plan set forth in this Discharge Permit.</p> <p>The Permittee shall create and maintain a log of all impoundment inspections which describes the date of the inspection, any findings and repairs and the name of the person responsible for the inspection. The Permittee shall make the log available to NMED upon request.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>

#	Terms and Conditions
7.	<p>The Permittee shall preserve a minimum of two feet of freeboard, i.e., the liquid level in the impoundment and the elevation of the lowest-most top of the impoundment liner.</p> <p>In the event that the Permittee determines that it cannot preserve two feet of freeboard in the impoundment, the Permittee shall implement the Contingency Plan set forth in this Discharge Permit.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>
8.	<p>The Permittee shall properly manage all solids generated by the treatment system to maintain effective operation of the system by removing solids as necessary and in accordance with associated equipment manufacturer's specifications. The Permittee shall contain, transport and dispose of all solids removed from the treatment process in accordance with all local, state, and federal regulations.</p> <p>The Permittee shall maintain manifests for all solids transported from the treatment Facility for off-site disposal. The manifests shall identify the name of the hauler, the date of off-site shipment, the volume of solids removed, the disposal method, and disposal location.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>
9.	<p>The Permittee shall inspect and clean the lift station(s) as needed to prevent pump failure.</p> <p>The Permittee shall maintain a record of lift station inspections, repairs and cleanings. The Permittee shall make the record available to NMED upon request.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>
10.	<p>The Permittee shall utilize operators, certified by the State of New Mexico at the appropriate level pursuant to 20.7.4 NMAC, to operate the wastewater collection, treatment and disposal systems. A certified operator or a direct supervisee of a certified operator shall perform the operations and maintenance of all or any part of the wastewater system.</p> <p>The Permittee shall notify the NMED within 24 hours if at any time the Permittee no longer has a certified operator maintaining the system.</p> <p>[Subsection C of 20.6.2.3109 NMAC, 20.7.4 NMAC]</p>

**B. MONITORING AND REPORTING**

#	Terms and Conditions
11.	The Permittee shall conduct the monitoring, reporting, and other requirements listed below in accordance with the monitoring requirements of this Discharge Permit.  [Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]
12.	METHODOLOGY – Unless otherwise specified by this Discharge Permit, or approved in writing by NMED, the Permittee shall use sampling and analytical techniques that conform with the references listed in Subsection B of 20.6.2.3107 NMAC.  [Subsection B of 20.6.2.3107 NMAC]

***Due Dates for Monitoring Reports***

13.	Quarterly monitoring - The Permittee shall perform monitoring and other Permit required actions during the following periods and shall submit quarterly reports to NMED by the following due dates: <ul style="list-style-type: none"><li>• January 1<sup>st</sup> through March 31<sup>st</sup> – <b>due by May 1<sup>st</sup></b>;</li><li>• April 1<sup>st</sup> through June 30<sup>th</sup> – <b>due by August 1<sup>st</sup></b>;</li><li>• July 1<sup>st</sup> through September 30<sup>th</sup> – <b>due by November 1<sup>st</sup></b>; and</li><li>• October 1<sup>st</sup> through December 31<sup>st</sup> – <b>due by February 1<sup>st</sup></b>.</li></ul> [Subsection A of 20.6.2.3107 NMAC]
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***Facility Monitoring Conditions***

#	Terms and Conditions
14.	The Permittee shall measure the total monthly volume, calculate the daily average volume, and record the daily peak volume of wastewater received by the treatment facility each month using a primary measuring device (equipped with head sensing, totalizing and chart recording/data logging mechanisms). The Permittee shall submit the totalized, average daily and peak daily influent volumes for each month to NMED in the quarterly monitoring reports.  [Subsection A of 20.6.2.3107 NMAC, Subsections C and H of 20.6.2.3109 NMAC]
15.	The Permittee shall on a monthly basis measure the volume of wastewater discharged from the treatment system to the evaporative impoundment (Impoundment #1) during the period.

#	Terms and Conditions
	<p>To determine the discharge volume, the Permittee shall obtain readings from a totalizing flow meter located on the discharge line on a monthly basis and calculate the monthly and average daily volume discharged to the impoundment. The Permittee shall submit monthly meter readings, calculated monthly discharge volumes and average daily discharge volumes to NMED in the quarterly monitoring reports.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsections C and H of 20.6.2.3109 NMAC]</p>
16.	<p>The Permittee shall on a monthly basis measure the volume of reclaimed wastewater discharged from the treatment system to Lake 5 at the Club at Las Campanas during the period.</p> <p>To determine the discharge volume, the Permittee shall obtain readings from a totalizing flow meter located on the discharge line on a monthly basis and calculate the monthly and average daily volume discharged to the impoundment. The Permittee shall submit monthly meter readings, calculated monthly discharge volumes and average daily discharge volumes to NMED in the quarterly monitoring reports.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsections C and H of 20.6.2.3109 NMAC]</p>
17.	<p>All flow meters shall be capable of having their accuracy verified under working (i.e., real-time in-the-field) conditions. The Permittee shall develop a field verification method for each flow meter and shall utilize that method to check the accuracy of each respective meter. The Permittee shall perform field calibrations, at a minimum, on an annual basis. The Permittee shall also perform field calibrations upon repair or replacement of a flow measurement device.</p> <p>The Permittee shall calibrate each flow meter to its manufacturer's recommended specification which shall be no less accurate than plus or minus 10 percent of actual flow, as measured under field conditions. An individual knowledgeable in flow measurement shall perform field calibration and the installation/operation of the device in use. The Permittee shall prepare a flow meter calibration report for each flow measurement device calibration event. The flow meter calibration report shall include the following information.</p> <ul style="list-style-type: none"><li>a) The location and meter identification.</li><li>b) The method of flow meter field calibration employed.</li><li>c) The measured accuracy of each flow meter prior to adjustment indicating the positive or negative offset as a percentage of actual flow as determined by an in-field calibration check.</li></ul>

#	Terms and Conditions
	<p>d) The measured accuracy of each flow meter following adjustment, if necessary, indicating the positive or negative offset as a percentage of actual flow of the meter.</p> <p>e) Any flow meter repairs made during the previous year or during field calibration.</p> <p>f) The name of the individual performing the calibration and the date of the calibration.</p> <p>The Permittee shall maintain records of flow meter calibration(s) at a location accessible for review by NMED during Facility inspections.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsections C and H of 20.6.2.3109 NMAC]</p>
18.	<p>The Permittee shall visually inspect flow meters on a monthly basis for evidence of malfunction. The Permittee shall maintain a log of the inspections that includes a date of the inspection, findings and repairs, and the name of the inspector. The Permittee shall make the log available to NMED upon request.</p> <p>If a visual inspection indicates a flow meter is not functioning as required by this Discharge Permit, the Permittee shall repair or replace the meter within 30 days of discovery. For <i>repaired</i> meters, the Permittee shall submit a report to NMED with the next monitoring report following the repair that includes a description of the malfunction; a statement verifying the repair; and a flow meter field calibration report completed in accordance with the requirements of this Discharge Permit. For <i>replacement</i> meters, the Permittee shall submit a report to NMED with the next monitoring report following the replacement that includes a design schematic for the device and a flow meter field calibration report completed in accordance with the requirements of this Discharge Permit.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>
19.	<p>The Permittee shall collect samples of Class 1B reclaimed domestic wastewater from the pump station 5W on a quarterly basis and analyze the samples for:</p> <ul style="list-style-type: none"> <li>• TKN;</li> <li>• NO<sub>3</sub>-N;</li> <li>• TDS; and</li> <li>• Cl.</li> </ul> <p>The Permittee shall ensure the sample is properly prepared, preserved, transported and analyzed in accordance with the methods authorized in this Discharge Permit. The Permittee shall submit the laboratory analytical data results, including the QA/QC summary and Chain of Custody, to NMED in the quarterly monitoring reports.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsections C and H of 20.6.2.3109 NMAC]</p>

#	Terms and Conditions		
20.	<p>During any week that the discharge of reclaimed domestic wastewater occurs, the Permittee shall perform the following analyses on the wastewater samples collected at pump station 5W using the following sampling method and frequency:</p> <ul style="list-style-type: none"> <li>• Fecal coliform or E. coli bacteria: grab sample at peak daily flow once per week;</li> <li>• BODs: six-hour composite sample once per two weeks;</li> <li>• TSS: six-hour composite sample once per two weeks; and</li> <li>• TRC concentrations: record whenever collecting bacteria samples.</li> </ul> <p>The Permittee shall ensure the samples are properly prepared, preserved, transported and analyzed in accordance with the methods authorized in this Discharge Permit. The Permittee shall submit the laboratory analytical data results, including the QA/QC summary and Chain of Custody, and a copy of the log of TRC concentrations to NMED in the subsequent quarterly monitoring report.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsections B, C and H of 20.6.2.3109 NMAC, NMSA 1978, § 74-6-5.D]</p>		
21.	<p>On an annual basis, the Permittee shall collect a 24-hour flow weighted composite sample (except as noted for pH) of reclaimed domestic wastewater from the pump station 5W and analyze the sample for the following inorganic contaminants (dissolved fraction, except as noted):</p> <table border="0"> <tr> <td> <ul style="list-style-type: none"> <li>• aluminum (CAS 7429-90-5)</li> <li>• antimony (CAS 7440-36-0)</li> <li>• arsenic (CAS 7440-38-2)</li> <li>• barium CAS 7440-39-3)</li> <li>• beryllium (CAS 7440-41-7)</li> <li>• boron (CAS 7440-42-8)</li> <li>• cadmium (CAS 7440-43-9)</li> <li>• chromium (CAS 7440-47-3)</li> <li>• cobalt (CAS 7440-48-4)</li> <li>• copper (CAS 7440-50-8)</li> <li>• cyanide CAS 57-12-5)</li> <li>• fluoride (CAS 16984-48-8)</li> <li>• iron (CAS 7439-89-6)</li> <li>• lead (CAS 7439-92-1)</li> <li>• manganese (CAS 7439-96-5)</li> </ul> </td><td> <ul style="list-style-type: none"> <li>• molybdenum (CAS 7439-98-7)</li> <li>• total mercury (nonfiltered) (CAS 7439-97-6)</li> <li>• pH (instantaneous)</li> <li>• nickel (CAS 7440-02-0)</li> <li>• radioactivity: combined radium-226 &amp; radium-228 (CAS 15262-20-1)</li> <li>• selenium (CAS 7782-49-2)</li> <li>• silver (CAS 7440-224)</li> <li>• sulfate (CAS 14808-79-8)</li> <li>• thallium (CAS 7440-28-0)</li> <li>• uranium (CAS 7440-61-1)</li> <li>• zinc (CAS 7440-66-6)</li> </ul> </td></tr> </table> <p>The Permittee shall properly collect, prepare, preserve, transport and analyzed the samples in accordance with the methods authorized in this Discharge Permit. The</p>	<ul style="list-style-type: none"> <li>• aluminum (CAS 7429-90-5)</li> <li>• antimony (CAS 7440-36-0)</li> <li>• arsenic (CAS 7440-38-2)</li> <li>• barium CAS 7440-39-3)</li> <li>• beryllium (CAS 7440-41-7)</li> <li>• boron (CAS 7440-42-8)</li> <li>• cadmium (CAS 7440-43-9)</li> <li>• chromium (CAS 7440-47-3)</li> <li>• cobalt (CAS 7440-48-4)</li> <li>• copper (CAS 7440-50-8)</li> <li>• cyanide CAS 57-12-5)</li> <li>• fluoride (CAS 16984-48-8)</li> <li>• iron (CAS 7439-89-6)</li> <li>• lead (CAS 7439-92-1)</li> <li>• manganese (CAS 7439-96-5)</li> </ul>	<ul style="list-style-type: none"> <li>• molybdenum (CAS 7439-98-7)</li> <li>• total mercury (nonfiltered) (CAS 7439-97-6)</li> <li>• pH (instantaneous)</li> <li>• nickel (CAS 7440-02-0)</li> <li>• radioactivity: combined radium-226 &amp; radium-228 (CAS 15262-20-1)</li> <li>• selenium (CAS 7782-49-2)</li> <li>• silver (CAS 7440-224)</li> <li>• sulfate (CAS 14808-79-8)</li> <li>• thallium (CAS 7440-28-0)</li> <li>• uranium (CAS 7440-61-1)</li> <li>• zinc (CAS 7440-66-6)</li> </ul>
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#	Terms and Conditions
	<p>Permittee shall analyze the sample using methods with reporting limits that are less than the corresponding numerical groundwater standards identified in 20.6.2.3103 NMAC.</p> <p>The Permittee shall submit a summary of measured concentrations compared with the corresponding groundwater standards, a copy of the laboratory report including the laboratory analytical data results, the QA/QC summary and the Chain of Custody, to NMED in the monitoring reports due by August 1<sup>st</sup> each year.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsections C and H of 20.6.2.3109 NMAC]</p>
22.	<p>On an annual basis, the Permittee shall collect a grab sample of reclaimed domestic wastewater from the pump station 5W and analyze the non-filtered sample for the following organic contaminants:</p> <ul style="list-style-type: none"> <li>• atrazine (CAS 1912-24-9)</li> <li>• benzene (CAS 71-43-2)</li> <li>• benzo-a-pyrene (CAS 50-32-8)</li> <li>• carbon tetrachloride (CAS 56-23-5)</li> <li>• chloroform (CAS 67-66-3)</li> <li>• 1,2-dichlorobenzene (CAS 95-50-1)</li> <li>• 1,4-dichlorobenzene (CAS 106-46-7)</li> <li>• 1,1-dichloroethane (CAS 75-34-3)</li> <li>• 1,2-dichloroethane (EDC, CAS 107-06-2)</li> <li>• 1,1-dichloroethene (1,1-DCE, CAS 75-35-4)</li> <li>• cis-1,2-dichloroethene (CAS 156-59-2)</li> <li>• trans-1,2-dichloroethene (CAS 156-60-5)</li> <li>• 1,2-dichloropropane (PDC, CAS 78-87-5)</li> <li>• 1,4-dioxane (CAS 123-91-1) (using EPA Method 8270D-SIM)</li> <li>• ethylene dibromide (EDB, CAS 106-93-4)</li> <li>• methylene chloride (CAS 75-09-2)</li> <li>• <u>PAHs</u>: total naphthalene (CAS 91-20-3) plus monomethylnaphthalenes</li> <li>• phenols</li> <li>• polychlorinated biphenyls (PCBs, CAS 1336-36-3)</li> <li>• pentachlorophenol (CAS 87-86-5)</li> <li>• toluene (CAS 108-88-3)</li> <li>• styrene (CAS 100-42-5)</li> <li>• 1,1,2,2-tetrachloroethane (CAS 79-34-5)</li> <li>• tetrachloroethene (PCE, CAS 127-18-4)</li> <li>• 1,2,4-trichlorobenzene (CAS 120-82-1)</li> <li>• 1,1,1-trichloroethane (1,1,1-TCA, CAS 71-55-6)</li> <li>• 1,1,2-trichloroethane (CAS 79-00-5)</li> <li>• trichloroethene (TCE, CAS 79-01-6)</li> <li>• vinyl chloride (CAS 75-01-4)</li> </ul>

#	Terms and Conditions
	<ul style="list-style-type: none"><li>• ethylbenzene (CAS 100-41-4)</li><li>• total xylenes (CAS 1330-20-7)</li></ul> <p>The Permittee shall properly collect, prepare, preserve, transport and analyze the samples in accordance with the methods authorized in this Discharge Permit. The Permittee shall analyze samples using methods with reporting limits that are less than the corresponding numerical groundwater standards identified in 20.6.2.3103 NMAC. The reporting limit for 1,4-dioxane shall be less than the Tap Water Screening Level for 1,4-dioxane identified in the <i>NMED Risk Assessment Guidance for Site Assessments and Investigations</i>, Table A-1 (available on the NMED Hazardous Waste Bureau's website under Guidance Documents).</p> <p>If the results of two consecutive sampling events indicate no detection of 1,4-dioxane above the reporting limit, the Permittee may request to reduce the sampling frequency.</p> <p>The Permittee shall submit a summary of measured concentrations compared with the corresponding groundwater standards, and a copy of the laboratory report including the laboratory analytical data results, the QA/QC summary and the Chain of Custody to NMED in the monitoring reports due by August 1<sup>st</sup> each year.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsections C and H of 20.6.2.3109 NMAC]</p>
23.	<p>The Permittee shall submit records of solids disposal, including the volume of solids removed and copies of all manifests for the previous calendar year, to NMED annually in the monitoring report due by August 1<sup>st</sup> each year.</p> <p>[Subsection A of 20.6.2.3107 NMAC]</p>



**C. CONTINGENCY PLAN**

#	Terms and Conditions
24.	<p>In the event that groundwater exceeds a groundwater protection standard identified in Section 20.6.2.3103 NMAC as a result of this discharge during the term of this Discharge Permit, upon closure of the Facility, or during the implementation of post-closure requirements, the Permittee shall submit to NMED a Corrective Action Plan (CAP) that proposes, at a minimum, contaminant source control measures and an implementation schedule. The Permittee shall implement the CAP as approved by NMED.</p> <p>The NMED may require the Permittee to abate water pollution consistent with the requirements and provisions of Section 20.6.2.4101, Section 20.6.2.4103, Subsections C and E of 20.6.2.4106, Section 20.6.2.4107, Section 20.6.2.4108 and Section 20.6.2.4112 NMAC.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection E of 20.6.2.3109 NMAC]</p>
25.	<p>In the event that analytical results of a quarterly reclaimed domestic wastewater sample indicate an exceedance of the total nitrogen discharge limit set in this Discharge Permit, the Permittee shall collect and submit for analysis a second sample within 48 hours of the receipt of the initial sampling results. In the event the second sample results indicate an exceedance of the discharge limit, the Permittee shall implement the following contingencies.</p> <ul style="list-style-type: none"><li>a) Within 7 days of the second sample analysis date indicating exceedance of the discharge limit, the Permittee shall:<ul style="list-style-type: none"><li>i) notify NMED that the Permittee is implementing the Contingency Plan; and</li><li>ii) submit a copy of the first and second analytical results indicating an exceedance to NMED.</li></ul></li><li>b) The Permittee shall increase the frequency of total nitrogen wastewater sampling and analysis of treated wastewater to once per month.</li><li>c) The Permittee shall examine the operation and maintenance log, required by the Record Keeping conditions of this Discharge Permit, for improper operational procedures.</li><li>d) The Permittee shall conduct a physical inspection of the treatment system to detect abnormalities. The Permittee shall correct any abnormalities discovered. The Permittee shall submit a report to NMED detailing the corrections within 30 days of correction.</li><li>e) In the event that any analytical results from monthly wastewater sampling indicate an exceedance of the total nitrogen discharge limit, the Permittee shall submit a CAP to NMED for approval proposing to modify operational procedures and/or upgrade the treatment process to achieve the total nitrogen limit. The Permittee shall submit the CAP including a schedule for completion of corrective actions and within 90 days</li></ul>

#	Terms and Conditions
	<p>of receipt of the analytical results of the second sample indicating that the discharge limit is continuing to be exceeded. The Permittee shall initiate implementation of the CAP following approval by NMED.</p> <p>When analytical results from three consecutive months of wastewater sampling do not exceed the discharge limit, the Permittee may request NMED authorize a return to a quarterly monitoring frequency.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>
26.	<p>In the event that analytical results of a reclaimed domestic wastewater sample indicate an exceedance of any of the maximum discharge limits for BOD<sub>5</sub>, TSS, or fecal coliform or E. coli bacteria set by this Discharge Permit, the Permittee shall collect and submit for analysis a second sample within 24 hours after becoming aware of the exceedance. In the event the second sample results confirm the exceedance of the maximum discharge limits, the Permittee shall implement the Contingency Plan below.</p> <p>In the event that analytical results of a reclaimed domestic wastewater sample indicate an exceedance of any of the 30-day average discharge limits for BOD<sub>5</sub>, TSS, or fecal coliform or E. coli bacteria set by this Discharge Permit (i.e., confirmed exceedance), the Permittee shall implement the Contingency Plan below.</p> <p><u>Contingency Plan</u></p> <p>a) Within 24 hours of becoming aware of a confirmed exceedance (as identified above), the Permittee shall:</p> <ol style="list-style-type: none"> <li>i) notify NMED that the Permittee is implementing the Contingency Plan; and</li> <li>ii) submit copies of the recent analytical results indicating an exceedance to NMED.</li> </ol> <p>b) The Permittee shall immediately cease discharging to Lake 5W, and divert all discharge to Impoundment #1, except when actively compliance sampling under the contingency plan due to the discharge line configuration limitations. In the event the contingency plan is triggered, the Permittee shall follow the below steps:</p> <p><u>Step 1:</u> Trouble Shooting Treatment Process and Equipment - The Permittee shall have the facility operator field check the treatment facilities equipment and examine the treatment process to ensure the facility is functioning correctly. The facility operator will verify the testing laboratories quality assurance and quality control measures of the testing analysis that resulted in the exceedance. The Permittee will notify NMED if any findings of the testing may have affected the results.</p>

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	<p><u>Step 2</u>: Process/Equipment Adjustments - The facility operator will make all necessary adjustment based on the review conducted in Step 1. Once the facility operator determines the treatment process is functioning normally, then compliance testing will commence.</p> <p><u>Step 3</u>: Compliance Sampling—The Permittee will discharge to Lake 5W for sampling purposes only. Depending on exceedance, the Permittee will obtain the required appropriate grab or composite samples. Upon obtaining the compliance sample, the Permittee will re-divert flow to Impoundment #1.</p> <p>c) The Permittee shall examine the operation and maintenance log, required by the Record Keeping conditions of this Discharge Permit, for improper operational procedures.</p> <p>d) The Permittee shall conduct a physical inspection of the treatment system to detect abnormalities and shall correct any abnormalities discovered. The Permittee shall submit a report detailing the corrections made to NMED within 30 days following correction.</p> <p>When the analytical results from samples of reclaimed domestic wastewater, sampled as required by this Discharge Permit, no longer indicate an exceedance of any of the maximum discharge limits, the Permittee may resume regular discharge of reclaimed domestic wastewater to Lake 5W.</p> <p>If a Facility is required to implement the Contingency Plan more than two times in a 12-month period, the Permittee shall propose to modify operational procedures and/or upgrade the treatment process to achieve consistent compliance with the maximum and 30-day average discharge limits by submitting a CAP for NMED approval. The Permittee shall ensure the CAP includes a schedule for completion of corrective actions and submit the CAP within 60 days following receipt of the analytical results confirming the exceedance. The Permittee shall initiate implementation of the CAP following approval by NMED. NMED may require, prior to recommencing discharge to the reuse area, additional sampling of any stored reclaimed domestic wastewater.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>
27.	<p>In the event that an inspection reveals significant damage has occurred or is likely to affect the structural integrity of an impoundment or liner or their ability to contain contaminants, the Permittee shall propose the repair or replacement by submitting a CAP to NMED for approval. The Permittee shall submit the CAP to NMED within 30 days after discovery of the damage or following notification from NMED that significant damage is evident. The Permittee shall ensure the CAP includes a schedule for</p>

#	Terms and Conditions
	<p>completion of corrective actions. The Permittee shall initiate implementation of the CAP following approval by NMED.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>
28.	<p>In the event that an impoundment cannot preserve a minimum of two feet of freeboard, the Permittee shall take actions to restore the required freeboard as authorized by this Discharge Permit and all applicable local, state, and federal regulations.</p> <p>In the event that two feet of freeboard cannot be restored within a period of 72 hours following discovery, the Permittee shall propose actions to restore two feet of freeboard by submitting a short-term CAP to NMED for approval. Examples of short-term corrective actions include the pumping and hauling of excess wastewater from the impoundment or reducing the volume of wastewater discharged to the impoundment. The Permittee shall ensure the CAP includes a schedule for completion of corrective actions. The Permittee shall submit the CAP within 15 days following the date the Permittee or the NMED discover the exceedance. The Permittee shall implement the CAP following NMED approval.</p> <p>In the event that the short-term corrective actions fail to restore two feet of freeboard, the Permittee shall submit to NMED a proposal for permanent corrective actions in a long-term CAP. The Permittee shall submit the long-term CAP within 90 days following failure of the short-term CAP. Examples corrective actions include the installation of an additional storage impoundment or a significant and permanent reduction in the volume of wastewater discharged to the impoundment. The Permittee shall ensure the long-term CAP includes a schedule for completion of corrective actions. The Permittee shall implement the CAP following NMED approval.</p> <p>[Subsection A of 20.6.2.3107 NMAC]</p>
29.	<p>In the event the average solids accumulation exceeds one-third of the maximum liquid depth in the impoundments, the Permittee shall propose a plan for the removal and disposal of the solids. The Permittee shall submit the solids removal and disposal plan to NMED for approval within 120 days following discovery and includes the following information.</p> <ul style="list-style-type: none"> <li>a) A method for removal of the solids to a depth of less than six inches throughout the treatment impoundment in a manner that is protective of the impoundment liner.</li> <li>b) A description of how the Permittee will contain, transport, and dispose of the solids in accordance with all local, state, and federal regulations, including 40 CFR Part 503.</li> <li>c) A schedule for completion of the solids removal and disposal project.</li> </ul>

#	Terms and Conditions
	<p>The Permittee shall initiate implementation of the plan following approval by NMED.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>
30.	<p>In the event that a release occurs that is not authorized under this Discharge Permit (commonly known as a “spill”), the Permittee shall take measures to mitigate damage from the unauthorized discharge and initiate the notifications and corrective actions required in Section 20.6.2.1203 NMAC and summarized below.</p> <p>Within <u>24 hours</u> following discovery of the unauthorized discharge, the Permittee shall verbally notify NMED and provide the following information.</p> <ul style="list-style-type: none"><li>a) The name, address, and telephone number of the person or persons in charge of the Facility, as well as of the owner and/or operator of the Facility.</li><li>b) The name and address of the Facility.</li><li>c) The date, time, location, and duration of the unauthorized discharge.</li><li>d) The source and cause of unauthorized discharge.</li><li>e) A description of the unauthorized discharge, including its estimated chemical composition.</li><li>f) The estimated volume of the unauthorized discharge.</li><li>g) Any actions taken to mitigate immediate damage from the unauthorized discharge.</li></ul> <p>Within <u>one week</u> following discovery of the unauthorized discharge, the Permittee shall submit written notification to NMED providing the information listed above and any pertinent updates.</p> <p>Within <u>15 days</u> following discovery of the unauthorized discharge, the Permittee shall submit a Corrective Action Plan (CAP) to NMED describing any corrective actions previously taken and corrective actions to be taken relative to the unauthorized discharge. The CAP shall include the following information.</p> <ul style="list-style-type: none"><li>a) A description of proposed actions to mitigate damage from the unauthorized discharge.</li><li>b) A description of proposed actions to prevent future unauthorized discharges of this nature.</li><li>c) A schedule for completion of proposed actions.</li></ul> <p>In the event that the unauthorized discharge causes or may with reasonable probability cause water pollution in excess of the standards and requirements of Section 20.6.2.4103 NMAC, and the water pollution will not be abated within 180 days after notice is required to be given pursuant to Paragraph (1) of Subsection A of 20.6.2.1203 NMAC, NMED may require the Permittee to abate water pollution pursuant to Sections 20.6.2.4000 through 20.6.2.4115 NMAC.</p>

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	<p>The Permittee shall not construe anything in this condition as relieving them of the obligation to comply with all requirements of Section 20.6.2.1203 NMAC.</p> <p>[20.6.2.1203 NMAC]</p>
31.	<p>In the event that NMED or the Permittee identifies any failures of the discharge plan, i.e., the application, or this Discharge Permit not specifically noted herein, NMED may require the Permittee to submit a Corrective Action Plan and a schedule for completion of corrective actions to address the failure(s). Additionally, NMED may require a discharge permit modification to achieve compliance with 20.6.2 NMAC.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection E of 20.6.2.3109 NMAC]</p>

**D. CLOSURE PLAN**

***Permanent Facility Closure Conditions***

#	Terms and Conditions
32.	<p>The Permittee shall perform the following closure measures in the event the Facility, or a component of the Facility, is proposed to be permanently closed.</p> <p>Within <u>90 days</u> of ceasing to discharge to the treatment system, the Permittee shall complete the following closure measures.</p> <ul style="list-style-type: none"><li>a) Plug the line leading to the system so that a discharge can no longer occur.</li><li>b) Evaporate wastewater in the system components and storage impoundment(s) or drain and dispose of in accordance with all local, state, and federal regulations.</li><li>c) Contain, transport, and dispose of solids removed from the treatment system in accordance with all local, state, and federal regulations, including 40 CFR Part 503. The Permittee shall maintain a record of all solids transported for off-site disposal.</li></ul> <p>Within <u>180 days</u> of ceasing to discharge to the treatment system (or unit), the Permittee shall complete the following closure measures.</p> <ul style="list-style-type: none"><li>a) Remove all lines leading to and from the treatment system, or permanently plug and abandon them in place.</li><li>b) Remove or demolish all treatment system components, and re-grade the area with suitable fill to blend with surface topography, promote positive drainage and prevent ponding.</li><li>c) Perforate or remove the storage impoundment liner(s); fill the impoundment(s) with suitable fill; and re-grade the impoundment site(s) to blend with surface topography,</li></ul>

#	Terms and Conditions
	<p>promote positive drainage and prevent ponding.</p> <p>When the Permittee has met all closure and post-closure requirements and verified appropriate actions with date stamped photographic evidence or an associated NMED inspection, the Permittee may submit to NMED a written request, including photographic evidence, for termination of the Discharge Permit.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection D of 20.6.2.4103 NMAC, 40 CFR Part 503]</p>

**E. GENERAL TERMS AND CONDITIONS**

#	Terms and Conditions
33.	<p><b>RECORD KEEPING</b> - The Permittee shall maintain a written record of the following:</p> <ul style="list-style-type: none"><li>• Information and data used to complete the application for this Discharge Permit;</li><li>• Information, data, and documents demonstrating completion of closure activities;</li><li>• Any releases (commonly known as “spills”) not authorized under this Discharge Permit and reports submitted pursuant to 20.6.2.1203 NMAC;</li><li>• The operation, maintenance, and repair of all facilities/equipment used to treat, store or dispose of wastewater;</li><li>• Facility record drawings (plans and specifications) showing the actual construction of the Facility and bear the seal and signature of a licensed New Mexico professional engineer;</li><li>• Copies of logs, inspection reports, and monitoring reports completed and/or submitted to NMED pursuant to this Discharge Permit;</li><li>• The volume of wastewater or other wastes discharged pursuant to this Discharge Permit;</li><li>• Groundwater quality and wastewater quality data collected pursuant to this Discharge Permit;</li><li>• Copies of construction records (well log) for all sampled groundwater monitoring wells pursuant to this Discharge Permit;</li><li>• The maintenance, repair, replacement or calibration of any monitoring equipment or flow measurement devices required by this Discharge Permit; and</li><li>• Data and information related to field measurements, sampling, and analysis conducted pursuant to this Discharge Permit, including:<ul style="list-style-type: none"><li>○ the dates, location and times of sampling or field measurements;</li><li>○ the name and job title of the individuals who performed each sample collection or field measurement;</li><li>○ the sample analysis date of each sample</li></ul></li></ul>

#	Terms and Conditions
	<ul style="list-style-type: none"> <li>○ the name and address of the laboratory, and the name of the signatory authority for the laboratory analysis;</li> <li>○ the analytical technique or method used to analyze each sample or collect each field measurement;</li> <li>○ the results of each analysis or field measurement, including raw data;</li> <li>○ the results of any split, spiked, duplicate or repeat sample; and</li> <li>○ a copy of the laboratory analysis chain-of-custody as well as a description of the quality assurance and quality control procedures used.</li> </ul> <p>The Permittee shall maintain the written record at a location accessible to NMED during a Facility inspection for the lifetime of the Discharge Permit. The Permittee shall make the record available to the department upon request.</p> <p>[Subsections A and D of 20.6.2.3107 NMAC]</p>
34.	<p>SUBMITTALS – The Permittee shall submit both a paper copy and an electronic copy of all notification and reporting documents required by this Discharge Permit, e.g., monitoring reports. The Permittee shall submit paper and electronic documents to the NMED Permit Contact identified on the Permit cover page.</p> <p>[Subsection A of 20.6.2.3107 NMAC]</p>
35.	<p>INSPECTION and ENTRY – The Permittee shall allow NMED to inspect the Facility and its operations that are subject to this Discharge Permit and the WQCC regulations. NMED may upon presentation of proper credentials, enter at reasonable times upon or through any premises in which a water contaminant source is located or in which any maintained records required by this Discharge Permit, the regulations of the federal government, or the WQCC are located.</p> <p>The Permittee shall allow NMED to have access to and reproduce for their use any copy of the records, and to perform assessments, sampling or monitoring during an inspection for the purpose of evaluating compliance with this Discharge Permit and the WQCC regulations.</p> <p>No person shall construe anything in this Discharge Permit as limiting in any way the inspection and entry authority of NMED under the WQA, the WQCC Regulations, or any other local, state or federal regulations.</p> <p>[Subsection D of 20.6.2.3107 NMAC, NMSA 1978, §§ 74-6-9.B and 74-6-9.E]</p>



#	Terms and Conditions
36.	<p>DUTY to PROVIDE INFORMATION - The Permittee shall, upon NMED's request, allow for NMED's inspection/duplication of records required by this Discharge Permit and/or furnish to NMED copies of such records.</p> <p>[Subsection D of 20.6.2.3107 NMAC]</p>
37.	<p>MODIFICATIONS and/or AMENDMENTS – In the event the Permittee proposes a change to the Facility or the Facility's discharge that would result in a change in the volume discharged; the location of the discharge; or in the amount or character of water contaminants received, treated or discharged by the Facility, the Permittee shall notify NMED prior to implementing such changes. The Permittee shall obtain NMED's approval (which may require modification of this Discharge Permit) prior to implementing such changes.</p> <p>[Subsection C of 20.6.2.3107 NMAC, Subsections E and G of 20.6.2.3109 NMAC]</p>
38.	<p>PLANS and SPECIFICATIONS – In the event the Permittee proposes to construct a wastewater system or change a process unit of an existing system such that the quantity or quality of the discharge will change substantially from that authorized by this Discharge Permit, the Permittee shall submit construction plans and specifications of the proposed system or process unit to NMED for approval prior to the commencement of construction.</p> <p>In the event the Permittee implements changes to the wastewater system authorized by this Discharge Permit that result in only a minor effect on the character of the discharge, the Permittee shall report such changes (including the submission of record drawings where applicable) to NMED prior to implementation.</p> <p>[Subsections A and C of 20.6.2.1202 NMAC, NMSA 1978, §§ 61-23-1 through 61-23-32]</p>
39.	<p>CIVIL PENALTIES - Any violation of the requirements and conditions of this Discharge Permit, including any failure to allow NMED staff to enter and inspect records or facilities, or any refusal or failure to provide NMED with records or information, may subject the Permittee to a civil enforcement action. Pursuant to WQA 74-6-10(A) and (B), such action may include a compliance order requiring compliance immediately or in a specified time, assessing a civil penalty, modifying or terminating the Discharge Permit, or any combination of the foregoing; or an action in district court seeking injunctive relief, civil penalties, or both. Pursuant to WQA 74-6-10(C) and 74-6-10.1, civil penalties of up to \$15,000 per day of noncompliance may be assessed for each violation of the WQA 74-6-5, the WQCC Regulations, or this Discharge Permit, and civil penalties of up to \$10,000 per day of noncompliance may be assessed for each violation of any other provision of the WQA, or any regulation, standard, or order adopted pursuant to such other provision.</p>

#	Terms and Conditions
	<p>In any action to enforce this Discharge Permit, the Permittee waives any objection to the admissibility as evidence of any data generated pursuant to this Discharge Permit.</p> <p>[20.6.2.1220 NMAC, NMSA 1978, §§ 74-6-10 and 74-6-10.1]</p>
40.	<p>CRIMINAL PENALTIES – No person shall:</p> <ul style="list-style-type: none"><li>• Make any false material statement, representation, certification or omission of material fact in an application, record, report, plan or other document filed, submitted or maintained under the WQA;</li><li>• Falsify, tamper with or render inaccurate any monitoring device, method or record maintained under the WQA; or</li><li>• Fail to monitor, sample or report as required by a permit issued pursuant to a state or federal law or regulation.</li></ul> <p>Any person who knowingly violates or knowingly causes or allows another person to violate the requirements of this condition is guilty of a fourth-degree felony and shall be sentenced in accordance with the provisions of NMSA 1978, § 31-18-15. Any person who is convicted of a second or subsequent violation of the requirements of this condition is guilty of a third-degree felony and shall be sentenced in accordance with the provisions of NMSA 1978, § 31-18-15. Any person who knowingly violates the requirements of this condition or knowingly causes another person to violate the requirements of this condition and thereby causes a substantial adverse environmental impact is guilty of a third-degree felony and shall be sentenced in accordance with the provisions of NMSA 1978, § 31-18-15. Any person who knowingly violates the requirements of this condition and knows at the time of the violation that he is creating a substantial danger of death or serious bodily injury to any other person is guilty of a second degree felony and shall be sentenced in accordance with the provisions of NMSA 1978, § 31-18-15.</p> <p>[20.6.2.1220 NMAC, NMSA 1978, §§ 74-6-10.2.A through 74-6-10.2.F]</p>
41.	<p>COMPLIANCE with OTHER LAWS - Nothing in this Discharge Permit shall be construed in any way as relieving the Permittee of the obligation to comply with any other applicable federal, state, and/or local laws, regulations, zoning requirements, nuisance ordinances, permits or orders.</p> <p>[NMSA 1978, § 74-6-5.L]</p>
42.	<p>RIGHT to APPEAL - The Permittee may file a petition for review before the WQCC on this Discharge Permit. Such petition shall be in writing to the WQCC within thirty days of the receipt of postal notice of this Discharge Permit and shall include a statement of the issues raised and the relief sought. Unless the Permittee files a timely petition for review, the decision of NMED shall be final and not subject to judicial review.</p>

#	Terms and Conditions
	<p>[20.6.2.3112 NMAC, NMSA 1978, § 74-6-5.O]</p>
43.	<p>TRANSFER of DISCHARGE PERMIT - Prior to the transfer of any ownership, control, or possession of this Facility or any portion thereof, the Permittee shall:</p> <ul style="list-style-type: none"><li>• Notify the proposed transferee in writing of the existence of this Discharge Permit;</li><li>• Include a copy of this Discharge Permit with the notice; and</li><li>• Deliver or send by certified mail to NMED a copy of the notification and proof that the proposed transferee has received such notification.</li></ul> <p>The Permittee shall continue to be responsible for any discharge from the Facility, until both ownership and possession of the Facility have been transferred to the transferee.</p> <p>[20.6.2.3111 NMAC]</p>
44.	<p>PERMIT FEES – The Permittee shall be aware that the payment of permit fees is due at the time of Discharge Permit approval. The Permittee may pay the permit fees in a single payment or they may pay the fee in equal installments on a yearly basis over the term of the Discharge Permit. The Permittee shall remit single payments to NMED no later than 30 days after the Discharge Permit issuance date. The Permittee shall remit initial installment payments to NMED no later than 30 days after the Discharge Permit issuance date; with subsequent installment payments remitted to NMED no later than the anniversary of the Discharge Permit issuance date.</p> <p>Permit fees are associated with <u>issuance</u> of this Discharge Permit. No person shall construe anything in this Discharge Permit as relieving the Permittee of the obligation to pay all permit fees assessed by NMED. A Permittee that ceases discharging or does not commence discharging from the Facility during the term of the Discharge Permit shall pay all permit fees assessed by NMED. NMED shall suspend or terminate an approved Discharge Permit if the Permittee fails to remit an installment payment by its due date.</p> <p>[Subsection F of 20.6.2.3114 NMAC, NMSA 1978, § 74-6-5.K]</p>



## New Mexico Environment Department Ground Water Quality Bureau Discharge Permit Summary

### Facility Information

**Facility Name** Las Campanas Water and Sewer Cooperative  
**Discharge Permit Number** DP-944  
**Legally Responsible Party** Kimberly Visser-Weinmann, General Manager  
Las Campanas Water and Sewer Cooperative  
13 Plaza Nueva, Unit B  
Santa Fe, New Mexico 87507  
(505) 577-0364

### Treatment, Disposal and Site Information

**Primary Waste Type** Domestic Wastewater  
**Facility Type** Private Wastewater Treatment Plant

#### Treatment Methods

Type	Designation	Description & Comments
Wastewater Treatment Plant	WWTP	Headworks: Mechanical Bar Screen with By-Pass Manual Bar Screen, Grit Chamber, Influent Parshall Flume with Ultrasonic Head Sensor and Data Logger  Activated Sludge Treatment System: One Aerated Pre-Equalization Basin, Two Sequencing Batch Reactors (SBRs)  Disinfection: Chlorine and Sand Filters

#### Discharge Locations

Type	Designation	Description & Comments
Impoundment	Impoundment #1	10 million gallon synthetically-lined and located on the property of the Las Campanas Water and Sewer Cooperative (re-lined 5/5/20)
Impoundment	Lake 5W	Synthetically-lined and located on the property of The Club at Las Campanas (DP-1869)

#### Flow Metering Locations

Type	Designation	Description & Comments
Primary Measurement Device	Influent Meter	Parshall Flume with ultrasonic head sensor and data logger located on the influent line to the WWTP
Totalizing Flow Meter	Primary Meter	Totalizing flow meter on the discharge line to Lake 5W
Totalizing Flow Meter	Secondary Meter	Totalizing flow meter on the discharge line to Impoundment #1



## New Mexico Environment Department Ground Water Quality Bureau Discharge Permit Summary

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<b>Depth-to-Ground Water</b>	279 feet
<b>Total Dissolved Solids (TDS)</b>	274 mg/L

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### Permit Information

<b>Original Permit Issued</b>	August 13, 1993
<b>Permit Amended</b>	September 15, 1993
<b>Permit Renewal</b>	March 16, 2001
<b>Permit Modification</b>	June 21, 2002
<b>Permit Modification</b>	July 9, 2003
<b>Permit Amended</b>	June 21, 2004
<b>Permit Renewal/Modification</b>	June 26, 2007
<b>Permit Renewal</b>	June 2, 2017

<b>Current Action</b>	<b>Permit Renewal</b>
Application Received	August 12, 2021
Public Notice Published	DATE
Permit Issued (Effective Date)	DATE
Permitted Discharge Volume	320,000 gallons per day

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### NMED Contact Information

<b>Mailing Address</b>	Ground Water Quality Bureau P.O. Box 5469 Santa Fe, New Mexico 87502-5469
<b>GWQB Telephone Number</b>	(505) 827-2900
<b>NMED Lead Staff</b>	Lynette Guevara
<b>Lead Staff Telephone Number</b>	(505) 629-8811
<b>Lead Staff Email</b>	lynette.guevara@state.nm.us