



MICHELLE LUJAN GRISHAM
GOVERNOR

JAMES C. KENNEY
CABINET SECRETARY

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

January 3, 2024

Al Antonez, General Manager/COO
The Club at Las Campanas, Inc.
132 Clubhouse Drive
Santa Fe, New Mexico 87506

RE: Draft Discharge Permit Modification, DP-1869, The Club at Las Campanas

Dear Al Antonez:

The New Mexico Environment Department (NMED) hereby provides notice to you of the proposed approval of Ground Water Discharge Permit Modification, DP-1869, (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 below, via email to gerald.knutson@env.nm.gov or to pps.general@env.nm.gov, or directly into the NMED Public Comment Portal at <https://nmed.commentinput.com/comment/search>. If NMED does not receive written comments or a request for hearing during the public comment period, the draft Discharge Permit will become final.

SCIENCE | INNOVATION | COLLABORATION | COMPLIANCE

Ground Water Quality Bureau | 1190 Saint Francis Drive, PO Box 5469, Santa Fe, New Mexico 87502-5469
Telephone (505) 827-2900 | www.env.nm.gov/gwqb/

Al Antonez
January 3, 2024
Page 2 of 2

Thank you for your cooperation during the review process. Feel free to contact me with any questions at (505) 660-7189.

Sincerely,

Gerald Knutson, Water Resources Professional III

enc: Draft Discharge Permit Modification, DP-1869

cc: Wendell T. Egelhoff, Director of Agronomy, tegelhoff@clublc.com
Meghan Hodgins, Glorieta Geoscience, Inc., hodgins@glorietageo.com



**NEW MEXICO
ENVIRONMENT DEPARTMENT**

Ground Water Quality Bureau

1190 Saint Francis Drive / PO Box 5469

Santa Fe, NM 87502-5469

Phone (505) 827-2900 Fax (505) 827-2965

www.env.nm.gov



Draft: January 3, 2024

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

Facility Name:	The Club at Las Campanas
Discharge Permit Number:	DP-1869
Facility Location:	437 Las Campanas Drive Santa Fe, New Mexico
County:	Santa Fe
Permittee:	Al Antonez, General Manager/COO
Mailing Address:	The Club at Las Campanas, Inc. 132 Clubhouse Drive Santa Fe, New Mexico 87506
Facility Contact:	Wendell T. Egelhoff, Director of Agronomy
Telephone Number/Email:	(505) 995-3604 / tegelhoff@clublc.com
Permitting Action:	Modification
Permit Issuance Date:	DATE
Permit Expiration Date:	September 29, 2024
NMED Permit Contact:	Gerald Knutson, Water Resources Professional III
Telephone Number/Email:	(505) 660-7189 / gerald.knutson@env.nm.gov or 505-827-2900 / pps.general@env.nm.gov

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

Date

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- Discharge Permit Summary
- Land Application Data Sheet (LADS - <https://www.env.nm.gov/gwb/forms.htm>)
- Fertilizer Log

I. INTRODUCTION

The New Mexico Environment Department (NMED) issues this groundwater discharge permit Modification (Discharge Permit or DP-1869) to The Club at Las Campanas, Inc. (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 The Club at Las Campanas (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.

The Facility receives up to 1.4 million gallons per day (MGD) of Class 1B reclaimed domestic wastewater from the Las Campanas Water and Sewer Cooperative, DP-944, and the City of Santa Fe Wastewater Treatment Plant, DP-289. The Facility stores and blends the reclaimed domestic wastewater with raw, untreated water from the Rio Grande water and the Buckman Well Field before discharging to a 135 acre of golf course (reuse area), three aesthetic water features, and transferring to other facilities separately permitted by NMED to receive reclaimed wastewater.

The Discharge Permit modification consists of an increase in the maximum daily volume of Class 1B reclaimed domestic wastewater received from 320,000 gallons per day (gpd) to 1.4 MGD, receiving Class 1B reclaimed domestic wastewater from the City of Santa Fe-Wastewater Treatment Plant, increasing the acreage of the reuse area from 45 acres to 135 acres, and authorizing the Permittee to transfer Class 1B reclaimed domestic wastewater to facilities separately permitted by NMED to receive reclaimed domestic wastewater.

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 437 Las Campanas Drive, approximately seven miles northeast of Santa Fe, in Sections 10, 11, 12, 13, 14, and 15, Township 17N, Range 08E, in 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 200 milligrams per liter.

NMED issued the original Discharge Permit to the Permittee on September 30, 2019. The application (i.e., discharge plan) associated with this Discharge Permit consists of the materials submitted by the Permittee dated October 27, 2022, 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 ₅	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 ₃ -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 ₃ -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

Abbreviation	Explanation	Abbreviation	Explanation
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 up to 1.4 MGD of reclaimed domestic wastewater from the Las Campanas Water and Sewer Cooperative, DP-944, and the City of Santa Fe Wastewater Treatment Plant, DP-289;
- Store and blend reclaimed domestic wastewater from DP-944 and DP-289 with Rio Grande water and Buckman Well Field water in a synthetically lined impoundment (**Lake 5W**);
- Store and blend reclaimed domestic wastewater from DP-289 with Rio Grande river water and Buckman Well Field water in a synthetically lined impoundment (**Lake 14W**);
- Store blended reclaimed domestic wastewater from Lakes 5W and 14W in two clay lined storage impoundments (**Lakes 18W and 4E**);
- Discharge blended reclaimed domestic wastewater from Lakes 5W, 14W, 18W and 4E to **135 acres of the Club's golf course fairways and greens via spray irrigation**;

- Discharge blended reclaimed domestic wastewater from Lake 5W to a **9,500 square foot area within the 14W Green via subsurface irrigation**;
- Discharge blended reclaimed domestic wastewater from Lakes 5W and 14W to three **synthetically lined aesthetic impoundments** (Lakes 7W, 11E, and 12E) within the golf course; and
- Transfer reclaimed domestic wastewater from Lake 14W 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.	Class 1B reclaimed domestic wastewater transferred from the Las Campanas Water and Sewer cooperative in accordance with DP-944 and from the City of Santa Fe Wastewater Treatment Plant in accordance with DP-289, to the Facility, shall not exceed the following limitations: <table border="1" data-bbox="289 1703 1419 1877"> <thead> <tr> <th><u>Test</u></th> <th><u>30-day Average</u></th> <th><u>Maximum</u></th> </tr> </thead> <tbody> <tr> <td>Total Nitrogen</td> <td></td> <td>15 mg/L</td> </tr> <tr> <td>Fecal coliform OR</td> <td>100 CFU or MPN/100 mL OR</td> <td>200 CFU or MPN/100 mL OR</td> </tr> </tbody> </table>	<u>Test</u>	<u>30-day Average</u>	<u>Maximum</u>	Total Nitrogen		15 mg/L	Fecal coliform OR	100 CFU or MPN/100 mL OR	200 CFU or MPN/100 mL OR
<u>Test</u>	<u>30-day Average</u>	<u>Maximum</u>								
Total Nitrogen		15 mg/L								
Fecal coliform OR	100 CFU or MPN/100 mL OR	200 CFU or MPN/100 mL OR								

#	Terms and Conditions		
	E. coli bacteria	63 CFU or MPN/100 mL	126 CFU or MPN/100 mL
	BOD ₅	30 mg/L	45 mg/L
	TSS	30 mg/L	45 mg/L
[Subsections B and C of 20.6.2.3109 NMAC, NMSA 1978, § 74-6-5.D]			
4.	The Permittee shall ensure that Class 1B reclaimed domestic wastewater transferred to other entities authorized by NMED under separate Discharge Permits from Lake 14W does not exceed the following discharge limits.		
	<u>Test</u>	<u>30-day Average</u>	<u>Maximum</u>
	Total Nitrogen		15 mg/L
	Fecal coliform OR E. coli bacteria	100 CFU or MPN/100 mL OR 63 CFU or MPN/100 mL	200 CFU or MPN/100 mL OR 126 CFU or MPN/100 mL
	BOD ₅	30 mg/L	45 mg/L
	TSS	30 mg/L	45 mg/L
[Subsections B and C of 20.6.2.3109 NMAC, NMSA 1978, § 74-6-5.D]			
5.	The Permittee shall discharge blended reclaimed domestic wastewater to the subsurface irrigation area such that the amount of total nitrogen discharged does not exceed 200 pounds per acre in any 12-month period. The Permittee shall not adjust nitrogen content to account for volatilization or mineralization processes. The Permittee shall distribute wastewater evenly throughout the entire disposal area.		
[Subsection C of 20.6.2.3109 NMAC]			
6.	The Permittee shall apply blended reclaimed domestic wastewater evenly throughout The Club's Golf Course surface irrigation area such that the amount of total nitrogen applied does not exceed 200 pounds per acre in any 12-month period. The Permittee shall not adjust nitrogen content to account for volatilization or mineralization processes. The Permittee shall prevent excessive ponding from occurring due to the discharge.		
[Subsection C of 20.6.2.3109 NMAC]			
7.	The Permittee shall ensure adherence to the following general requirements for above-ground use of reclaimed domestic wastewater. a) The Permittee shall install and maintain signs in English and Spanish at all reuse areas such that they are visible and legible for the term of this Discharge Permit. The Permittee shall post signs at the entrance to reuse areas and at other locations where		

#	Terms and Conditions
	<p>public exposure to reclaimed domestic wastewater may occur. The signs shall state: NOTICE: THIS AREA IS IRRIGATED WITH RECLAIMED WASTEWATER - DO NOT DRINK. AVISO: ESTA ÁREA ESTÁ REGADA CON AGUAS NEGRAS RECOBRADAS - NO TOMAR. The Permittee may submit alternate wording and/or graphics to NMED for approval.</p> <ul style="list-style-type: none"> b) Reclaimed domestic wastewater systems shall have no direct or indirect cross connections with public water systems or irrigation wells pursuant to the latest revision of the New Mexico Plumbing Code (14.8.2 NMAC) and New Mexico Mechanical Code (14.9.2 NMAC). c) Above-ground use of reclaimed domestic wastewater shall not result in excessive ponding of wastewater and shall not exceed the water consumptive needs of the crop. The Permittee shall not discharge reclaimed domestic wastewater at times when the reuse area is saturated or frozen. d) The Permittee shall confine discharge of reclaimed domestic wastewater to the reuse area. e) The Permittee shall not discharge reclaimed domestic wastewater to crops used for human consumption. f) Water supply wells within 200 feet of a reuse area shall have adequate wellhead construction pursuant to 19.27.4 NMAC. g) Existing and accessible portions of the reclaimed domestic wastewater distribution system (with the exception of application equipment such as sprinklers or pivots) shall be colored purple or clearly labeled as being part of a reclaimed domestic wastewater distribution system. Piping, valves, outlets, and other plumbing fixtures shall be purple pursuant to the latest revision of the New Mexico Plumbing Code (14.8.2 NMAC) and New Mexico Mechanical Code (14.9.2 NMAC) to differentiate piping or fixtures used to convey reclaimed wastewater from those intended for potable or other uses. h) Valves, outlets, and sprinkler heads used in reclaimed wastewater systems shall be accessible only to authorized personnel. <p>The Permittee shall demonstrate adherence to these requirements by submitting documentation consisting of narrative statements and date-stamped photographs as appropriate. The Permittee shall submit the documentation to NMED once during the term of this Discharge Permit in the next required periodic monitoring report after the issuance of the Discharge Permit.</p> <p>[Subsections B and C of 20.6.2.3109 NMAC, NMSA 1-78, § 74-6-5.D]</p>
8.	<p>The Permittee shall meet the following setbacks, access restrictions and equipment requirements for spray irrigation to The Club’s Golf Course using Class 1B reclaimed domestic wastewater.</p>

#	Terms and Conditions
	<p>a) Maintain a minimum 100-foot setback between any dwellings or occupied establishments and the edge of the reuse area.</p> <p>b) Postpone irrigation using reclaimed domestic wastewater at times when windy conditions may result in drift of reclaimed wastewater outside the reuse area.</p> <p>c) Apply reclaimed domestic wastewater at times and in a manner that minimizes public contact.</p> <p>d) Limit spray irrigation system to low trajectory spray nozzles.</p> <p>[Subsections B and C of 20.6.2.3109 NMAC, NMSA 1–78, § 74–5.D]</p>
9.	<p>The Permittee shall institute a backflow prevention method to protect wells and public water supply systems from contamination by reclaimed domestic wastewater prior to discharging to the reuse area. Backflow prevention shall be achieved by a total disconnect (physical air gap separation between the discharge pipe and the liquid surface at least twice the diameter of the discharge pipe), or by a reduced pressure principal backflow prevention assembly (RP) installed on the line between the fresh water supply wells or public water supply and the reclaimed domestic wastewater delivery system. The Permittee shall maintain backflow prevention at all times.</p> <p>The Permittee shall have RP devices inspected and tested by a certified backflow prevention assembly tester at the time of installation, repair or relocation and at least on an annual basis thereafter. The backflow prevention assembly tester shall have successfully completed a 40-hour backflow prevention course based on the University of Southern California’s Backflow Prevention Standards and Test Procedures, and obtained certification demonstrating completion. The Permittee shall have all malfunctioning RP devices repaired or replaced within 30 days of discovery. The Permittee shall cease using supply lines associated with the RP device until repair or replacement is complete.</p> <p>The Permittee shall maintain copies of the inspection and maintenance records and test results for each RP device associated with the backflow prevention program at a location available for inspection by NMED.</p> <p>[Subsection C of 20.6.2.3109 NMAC]</p>
10.	<p>The Permittee shall maintain Lakes 5W, 7W, 14W, 11E, and 12E’s synthetic impoundment liners to avoid conditions that could affect the liner or the structural integrity of the impoundments. Characterization of such conditions may include the following:</p> <ul style="list-style-type: none"> • erosion damage; • animal burrows or other damage;

#	Terms and Conditions
	<ul style="list-style-type: none">• 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;• the presence of large debris or large quantities of debris in the impoundment;• evidence of seepage; or• evidence of berm subsidence. <p>The Permittee shall routinely control vegetation growing around the impoundments by mechanical removal that is protective of the impoundment liner.</p> <p>The Permittee shall visually inspect the impoundments and surrounding berms on a monthly basis to ensure proper maintenance. In the event that an 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>
11.	<p>The Permittee shall maintain Lakes 18W and 4E's clay lined impoundments to avoid conditions that could affect the structural integrity of the impoundments. Characterization of such conditions may include the following:</p> <ul style="list-style-type: none">• erosion damage;• animal burrows or other damage;• 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;• the presence of large debris or large quantities of debris in the impoundment;• evidence of seepage; or• evidence of berm subsidence. <p>The Permittee shall control vegetation growing around the impoundments by mechanical removal that is protective of the impoundments.</p>

#	Terms and Conditions
	<p>The Permittee shall visually inspect the impoundments and surrounding berms on a monthly basis to ensure proper maintenance. In the event that an inspection reveals any evidence of damage that threatens the structural integrity of an impoundment berm, 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 provide the log to NMED upon request.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>
12.	<p>The Permittee shall preserve a minimum of two feet of freeboard between the liquid level in the wet well located south of Lake 5W and the bottom of the overflow weir to the adjacent dry well, which discharges to the field south of the structure.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>
13.	<p>The Permittee shall preserve a minimum of two feet of freeboard, i.e., the liquid level in the impoundments and the elevation of the lowest-most top of the impoundment liner in Lakes 7W, 14W, 11E, and 12E.</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>
14.	<p>The Permittee shall preserve a minimum of two feet of freeboard, i.e., the liquid level in the impoundments and the elevation of the lowest-most top of the impoundment berm in Lakes 18W and 4E.</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>
15.	<p>The Permittee shall visually inspect the area above the subsurface irrigation system semi-annually to ensure proper maintenance. The Permittee shall correct any conditions that indicate damage to the disposal system. The Permittee shall ensure conditions corrected</p>

#	Terms and Conditions
	<p>include erosion damage, animal activity/damage, evidence of seepage, or any other condition indicating damage.</p> <p>The Permittee shall keep a log of the inspections that includes the date of the inspection, any findings and repairs, and the name of the inspector. The Permittee shall make the log available to NMED upon request.</p> <p>In the event of a failure of the disposal system, the Permittee shall implement the Contingency Plan set forth in this Discharge Permit.</p> <p>[Subsections A and D of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>

B. MONITORING AND REPORTING

#	Terms and Conditions
16.	<p>The Permittee shall conduct the monitoring, reporting, and other requirements listed below in accordance with the monitoring requirements of this Discharge Permit.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>
17.	<p>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.</p> <p>[Subsection B of 20.6.2.3107 NMAC]</p>

Due Dates for Monitoring Reports

#	Terms and Conditions
18.	<p>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:</p> <ul style="list-style-type: none"> • January 1st through March 31st – due by May 1st; • April 1st through June 30th – due by August 1st; • July 1st through September 30th – due by November 1st; and • October 1st through December 31st – due by February 1st. <p>[Subsection A of 20.6.2.3107 NMAC]</p>

Monitoring Actions with Implementation Deadlines

#	Terms and Conditions
19.	<p>Within 90 days following the issuance date of this Discharge Permit (by DATE), the Permittee shall install the following flow meters.</p> <ul style="list-style-type: none">a) One totalizing flow meter installed on the transfer line from Lake 5W to the subsurface irrigation system to measure the volume of blended reclaimed domestic wastewater transferred to the subsurface irrigation system.b) One totalizing flow meter installed on the transfer line from Lakes 5W and 14W to Lakes 18W/4E to measure the volume of blended reclaimed domestic wastewater transferred to Lakes 18W/4E. <p>The Permittee shall submit to NMED confirmation of meter installation, type, calibration, and locations within 30 days of completed installations.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>
20.	<p>Prior to transferring reclaimed domestic wastewater from the Facility, the Permittee shall install the following flow meter(s).</p> <p>Totalizing flow meter(s) installed on the transfer line(s) from Lake 14W to facilities separately permitted by NMED to receive reclaimed domestic wastewater, to measure the volume of reclaimed domestic wastewater discharged to the permitted facilities.</p> <p>The Permittee shall submit to NMED confirmation of meter installation, type, calibration, and locations prior to transferring from Lake 14W.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>

Facility Monitoring Conditions

#	Terms and Conditions
21.	<p>The Permittee shall on a monthly basis measure the volume of Class 1B reclaimed domestic wastewater discharged to Lakes 5W and 14W using totalizing flow meters. One meter is located on the transfer line between the Las Campanas Water and Sewer Cooperative and Lake 5W and the second meter is located on the transfer line between the City of Santa Fe Wastewater Treatment Plant and The Club at Las Campanas.</p>

#	Terms and Conditions
	<p>The Permittee shall submit a copy of the Las Campanas Water and Sewer Cooperative's wastewater volume measurements and the City of Santa Fe Wastewater Treatment Plant's wastewater volume measurements, 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>
22.	<p>The Permittee shall on a monthly basis measure the volume of blended reclaimed domestic wastewater discharged from Lake 5W to the subsurface irrigation system 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 from Lake 5W and the subsurface irrigation system on a monthly basis and calculate the monthly and average daily discharge volume. The Permittee shall use the monthly volume discharged on the LADS (copy enclosed) to calculate nitrogen loading.</p> <p>The Permittee shall submit the 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>
23.	<p>The Permittee shall on a monthly basis measure the volume of blended reclaimed domestic wastewater discharged from Lake 5W to the reuse area 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 from Lake 5W, after the irrigation pump station, on a monthly basis and calculate the monthly and average daily discharge volume. The Permittee shall use the monthly volume discharged on the LADS to calculate nitrogen loading.</p> <p>The Permittee shall submit the 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>
24.	<p>The Permittee shall on a monthly basis measure the volume of blended reclaimed domestic wastewater discharged from Lake 14W to the reuse area 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 from Lake 14W, after the irrigation pump</p>

#	Terms and Conditions
	<p>station, on a monthly basis and calculate the monthly and average daily discharge volume. The Permittee shall use the monthly volume discharged on the LADS to calculate nitrogen loading.</p> <p>The Permittee shall submit the 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>
25.	<p>The Permittee shall measure the monthly volume of reclaimed domestic wastewater transferred to facilities that have been separately permitted by NMED to receive reclaimed wastewater from the Permittee using totalizing flow meter(s). The meter(s) shall be located on the transfer line(s) between Lake 14W and each point of transfer.</p> <p>The Permittee shall maintain a log that records the date that discharges occur to each transfer location, monthly totalizing meter readings, totalized transfer volumes, and units of measurement. The Permittee shall use the log to determine the total monthly volume of reclaimed domestic wastewater discharged to each location. The Permittee shall submit a summary of the log 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>
26.	<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">a) The location and meter identification.b) The method of flow meter field calibration employed.

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	<p>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.</p> <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>
27.	<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 the date of 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>
28.	<p>The Permittee shall collect samples of blended reclaimed domestic wastewater at the irrigation pump stations at Lakes 5W and 14W on a quarterly basis and analyze the samples for:</p> <ul style="list-style-type: none">• TKN;• NO₃-N;• TDS; and• Cl. <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</p>

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	<p>Permittee shall submit the laboratory analytical data results, including the QA/QC summary and Chain of Custody, to NMED in the subsequent quarterly monitoring report.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsections C and H of 20.6.2.3109 NMAC]</p>
29.	<p>During any week that the discharge of blended reclaimed domestic wastewater to the reuse area(s), the Permittee shall perform the following analyses on the wastewater samples collected at Lake 5W and Lake 14W using the following sampling method and frequency:</p> <ul style="list-style-type: none">• Fecal coliform or E. coli bacteria: grab sample at each irrigation pump station and at peak daily flow three times per week;• BOD₅: composite sample three times per week; and• TSS: composite sample three times per week. <p>The composite samples shall consist of a minimum of six equal aliquots collected equidistantly around the entire perimeters of Lake 5W and Lake 14W.</p> <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 [UV transmissivity values OR 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>
30.	<p>During any two-week period that the transfer of blended reclaimed domestic wastewater occurs, the Permittee shall perform the following analyses on the wastewater samples collected at Lake 14W using the following sampling method and frequency:</p> <ul style="list-style-type: none">• Fecal coliform or E. coli bacteria: grab sample at the transfer pump station and at peak daily flow once per week;• BOD₅: composite sample once per two weeks; and• TSS: composite sample once per two weeks. <p>The composite sample shall consist of a minimum of six equal aliquots collected equidistantly around the entire perimeters of Lake 14W.</p> <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</p>

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	<p>Permittee shall submit the laboratory analytical data results, including the QA/QC summary, and Chain of Custody 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>
31.	<p>The Permittee shall complete LADS on a monthly basis that document the amount of nitrogen applied to the subsurface irrigation system during the most recent 12 months. The LADS shall reflect the total nitrogen concentration from the most recent wastewater analysis and the measured discharge volumes to the subsurface irrigation system for each month. The Permittee shall complete the LADS with the information above or include a statement that the discharge of treated wastewater did not occur. The Permittee shall submit the LADS to NMED in the subsequent quarterly monitoring report.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>
32.	<p>The Permittee shall complete LADS on a monthly basis that document the amount of nitrogen applied to the reuse area during the most recent 12 months. The LADS shall reflect the total nitrogen concentration from the most recent wastewater analysis and the measured discharge volumes to the reuse area for each month. The Permittee shall complete the LADS with the information above or include a statement that application of wastewater did not occur. The Permittee shall submit the LADS to NMED in the subsequent quarterly monitoring report.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>
33.	<p>The Permittee shall keep a Fertilizer Log (copy enclosed) of all additional nitrogenous fertilizer applied to the reuse area. The Log shall contain the date of fertilizer application, the type (organic or inorganic) and form (granular or liquid), nitrogen concentration (in percent), the amount of fertilizer applied (in pounds per acre), and the amount of nitrogen applied (in pounds per acre) for each location. The Permittee shall submit the log, or a statement that application of fertilizer did not occur, to NMED in the subsequent quarterly monitoring report.</p> <p>[Subsection A of 20.6.2.3107 NMAC]</p>

C. CONTINGENCY PLAN

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34.	<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</p>

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	<p>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>
35.	<p>In the event that analytical results of a treated 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> <ol style="list-style-type: none">a) Within 7 days of the second sample analysis date indicating exceedance of the discharge limit, the Permittee shall:<ol style="list-style-type: none">i) notify NMED that the Permittee is implementing the Contingency Plan; andii) submit a copy of the first and second analytical results indicating an exceedance to NMED.b) The Permittee shall increase the frequency of total nitrogen wastewater sampling and analysis of treated wastewater to once per month.c) The Permittee shall examine the operation and maintenance log, required by the Record Keeping conditions of this Discharge Permit, for improper operational procedures.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.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 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.

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	<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>
36.	<p>In the event that analytical results of a blended reclaimed domestic wastewater sample for the irrigation pumps located at Lakes 5W and 14W indicate an exceedance of any of the maximum discharge limits for BOD₅, 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 BOD₅, 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> <ol style="list-style-type: none">a) Within 24 hours of becoming aware of a confirmed exceedance (as identified above), the Permittee shall:<ol style="list-style-type: none">i) notify NMED that the Permittee is implementing the Contingency Plan; andii) submit copies of the recent analytical results indicating an exceedance to NMED.b) The Permittee shall immediately cease discharging reclaimed domestic wastewater to the reuse area if the fecal coliform or E. coli bacteria maximum limit is exceeded.c) The Permittee shall examine the operation and maintenance log, required by the Record Keeping conditions of this Discharge Permit, for improper operational procedures.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>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 discharging reclaimed domestic wastewater to the reuse area.</p>

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	<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 Corrective Action Plan (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 recommending 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>
37.	<p>In the event that analytical results of a reclaimed domestic wastewater sample from the transfer pump located at Lake 14W indicate an exceedance of any of the maximum discharge limits for BOD₅, 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 BOD₅, 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> <ol style="list-style-type: none">a) Within 24 hours of becoming aware of a confirmed exceedance (as identified above), the Permittee shall:<ol style="list-style-type: none">i) notify NMED that the Permittee is implementing the Contingency Plan; andii) submit copies of the recent analytical results indicating an exceedance to NMED.b) The Permittee shall immediately cease transferring reclaimed domestic wastewater to entities that discharge under a separate Discharge Permit if the fecal coliform or E. coli bacteria maximum limit is exceeded.c) The Permittee shall examine the operation and maintenance log, required by the Record Keeping conditions of this Discharge Permit, for improper operational procedures.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.

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	<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 discharging reclaimed domestic wastewater to the reuse area.</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 Corrective Action Plan (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>
38.	<p>In the event that the LADS show that the amount of nitrogen in wastewater applied in any 12-month period exceeds 200 pounds per acre, the Permittee shall propose the reduction of nitrogen loading to the reuse area and/or subsurface irrigation system by submitting a CAP to NMED for approval. The Permittee shall ensure the CAP includes a schedule for completion of corrective actions and submit the CAP within 90 days following the end of the monitoring period in which the exceedance occurred. The Permittee shall implement 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>
39.	<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 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>
40.	<p>In the event that an inspection performed by the Permittee of an impoundment reveals significant damage has occurred or is likely to affect the structural integrity of an impoundment or its ability to contain contaminants, the Permittee shall propose the</p>

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	<p>repair or replacement of the impoundment 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 completion of corrective actions. 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>
41.	<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 Corrective Action Plan (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>
42.	<p>In the event that the Permittee identifies failure of subsurface irrigation system, such as surfacing wastewater, the Permittee shall implement the following Contingency Plan.</p> <ul style="list-style-type: none">a) Within 24 hours following the discovered failure, the Permittee shall:<ul style="list-style-type: none">i) Notify NMED of the failure in accordance with the notification requirements described in the Contingency Plan for unauthorized discharges; andii) Restrict public access to the area.b) The Permittee shall conduct a physical inspection of the treatment and disposal system to identify additional potential failures and record them in the inspection log.

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	<p>c) The Permittee shall propose actions to address the failure and methods of correction by submitting a CAP to NMED for approval within 15 days following the discovered failure. The Permittee shall ensure the CAP includes a schedule for completion of corrective actions. The Permittee shall initiate implementation of the CAP following NMED approval.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>
43.	<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. A release is defined as such quantity as may with reasonable probability injure or be detrimental to human health, animal or plant life, or property, or unreasonably interfere with the public welfare or the use of property.</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">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.b) The name and address of the Facility.c) The date, time, location, and duration of the unauthorized discharge.d) The source and cause of unauthorized discharge.e) A description of the unauthorized discharge, including its estimated chemical composition.f) The estimated volume of the unauthorized discharge.g) Any actions taken to mitigate immediate damage from the unauthorized discharge. <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">a) A description of proposed actions to mitigate damage from the unauthorized discharge.b) A description of proposed actions to prevent future unauthorized discharges of this nature.c) A schedule for completion of proposed actions.

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	<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> <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>
44.	<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 CAP 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

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45.	<p>In the event that the Permittee elects to no longer receive reclaimed wastewater from the Las Campanas Water and Sewer Cooperative and the City of Santa Fe-Wastewater Treatment Plant, the Permittee shall perform the following closure measures.</p> <p>Within <u>60 days</u> of ceasing to discharge to the impoundments (Lake 5W and Lake 14W), the Permittee shall plug the lines discharging to the impoundments so that a discharge can no longer occur.</p> <p>Within <u>60 days</u> of ceasing to discharge to the impoundments, the Permittee shall evaporate or drain all reclaimed wastewater from all impoundments located within the Facility and disposed of it in accordance with all local, state, and federal regulations or discharge reclaimed wastewater from the impoundments to the reuse area. The Permittee shall not discharge accumulated solids (sludge) from the impoundment(s) to the reuse area.</p>

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	<p>Within <u>90 days</u> of ceasing to discharge to the impoundments, the Permittee shall submit a sludge removal and disposal plan to NMED for approval. The Permittee shall implement the plan within 30 days following approval by NMED. The sludge removal and disposal plan shall include the following information.</p> <ul style="list-style-type: none"> a) The method of sludge <i>removal</i> from all impoundments located within the Facility. b) The method of <i>disposal</i> for all the sludge (and its contents) removed from the impoundments. The method shall comply with all local, state, and federal regulations, including 40 CFR Part 503. <i>Note: A proposal that includes the surface disposal of sludge may be subject to Groundwater Discharge Permitting requirements pursuant to 20.6.2.3104 NMAC that are separate from the requirements of this Discharge Permit.</i> c) A schedule for completion of sludge removal and disposal not to exceed two years from the date discharge to the impoundment(s) ceased. <p>Within <u>one year</u> following completion of the sludge removal and disposal, the Permittee shall complete the following closure measures.</p> <ul style="list-style-type: none"> a) Remove all lines leading to and from all impoundments, or permanently plug and abandon the lines in place. b) Characterize, remove, and dispose of all solids from the impoundments in accordance with local, state, and federal regulations, and maintain a record of solids transported for off-site disposal, including the volume of solids transported and the disposal location. c) Remove and dispose of the impoundment liners at a solid waste facility. If there is evidence of contaminated soil below the liners, assess the impact, report that assessment to NMED, and mitigate the impacts following NMED approval. d) Fill the impoundments with suitable fill. e) Re-grade impoundment sites to blend with surface topography, promote positive drainage, and prevent ponding. <p>When the Permittee has met all 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>
46.	<p>In the event that the discharge and/or transfer of reclaimed domestic wastewater from the Facility to any of the locations authorized under this Discharge Permit is proposed to permanently cease, the permittee shall perform the following closure measure:</p>

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	<p>Within 90 days of ceasing the discharge and/or transfer to the closed location(s):</p> <p style="padding-left: 40px;">Plug or remove the line(s) leading to the closed location(s) so that a discharge can no longer occur.</p> <p>When all closure requirements have been met, the permittee may submit a written request for the removal of the proposed location(s) from this Discharge Permit to NMED.</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

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47.	<p>RECORD KEEPING - The Permittee shall maintain a written record of the following:</p> <ul style="list-style-type: none"> • Information and data used to complete the application for this Discharge Permit; • Information, data, and documents demonstrating completion of closure activities; • Any releases (commonly known as “spills”) not authorized under this Discharge Permit and reports submitted pursuant to 20.6.2.1203 NMAC; • The operation, maintenance, and repair of all facilities/equipment used to store or dispose of wastewater; • 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; • Copies of logs, inspection reports, and monitoring reports completed and/or submitted to NMED pursuant to this Discharge Permit; • The volume of wastewater discharged pursuant to this Discharge Permit; • Wastewater quality data collected pursuant to this Discharge Permit; • The maintenance, repair, replacement, or calibration of any monitoring equipment or flow measurement devices required by this Discharge Permit; and • Data and information related to field measurements, sampling, and analysis conducted pursuant to this Discharge Permit, including the following: <ul style="list-style-type: none"> ○ the dates, locations, and times of sampling or field measurements; ○ the name and job title of the individuals who performed each sample collection or field measurement; ○ the sample analysis date of each sample; ○ the name and address of the laboratory, and the name of the signatory authority for the laboratory analysis; ○ the analytical technique or method used to analyze each sample or collect each field measurement;

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	<ul style="list-style-type: none">○ the results of each analysis or field measurement, including raw data;○ the results of any split, spiked, duplicate, or repeat sample; and○ a copy of the laboratory analysis chain-of-custody as well as a description of the quality assurance and quality control procedures used. <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>
48.	<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>
49.	<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>
50.	<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>

#	Terms and Conditions
51.	<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>
52.	<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>
53.	<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. 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>
54.	<p>CRIMINAL PENALTIES - No person shall:</p>

#	Terms and Conditions
	<ul style="list-style-type: none"> • 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; • Falsify, tamper with, or render inaccurate any monitoring device, method, or record maintained under the WQA; or • Fail to monitor, sample, or report as required by a permit issued pursuant to a state or federal law or regulation. <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>
55.	<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>
56.	<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> <p>[20.6.2.3112 NMAC, NMSA 1978, § 74-6-5.O]</p>
57.	<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>

#	Terms and Conditions
	<ul style="list-style-type: none">• Notify the proposed transferee in writing of the existence of this Discharge Permit;• Include a copy of this Discharge Permit with the notice; and• Deliver or send by certified mail to NMED a copy of the notification and proof that the proposed transferee has received such notification. <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>
58.	<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	The Club at Las Campanas
Discharge Permit Number	DP-1869
Legally Responsible Party	Al Antonez, General Manager/COO The Club at Las Campanas, Inc. 132 Clubhouse Drive Santa Fe, New Mexico 87506 (505) 995-3604

Treatment, Disposal and Site Information

Primary Waste Type	Reclaimed Domestic Wastewater
Facility Type	Amusement/Recreation Service

Discharge Locations

Type	Designation	Description & Comments
Impoundment	Lake 5W	Synthetically lined storage impoundment with a capacity of 12,154,242 gallons.
Impoundment	Lake 14W	Synthetically lined storage impoundment with a capacity of 5,213,616 gallons.
Impoundment	Lake 18W	Clay lined storage impoundment with a capacity of 8,797,977 gallons.
Impoundment	Lake 4E	Clay lined storage impoundment with a capacity of 3,747,287 gallons.
Impoundment	Lake 11E	Synthetically lined aesthetic impoundment with a capacity of 1,140,479 gallons.
Impoundment	Lake 12E	Synthetically lined aesthetic impoundment with a capacity of 1,466,330 gallons.
Impoundment	Lake 7W	Synthetically lined aesthetic impoundment with a capacity of 1,564,085 gallons.
Surface Irrigation Area	The Club's Golf Course	135-acre grass turf greens and fairways irrigated via spray irrigation. Does not include the subsurface irrigation area in the 14W Green.
Subsurface Irrigation Area	14W Green	A 9,500 square foot grass turf (14W Green) with a subsurface irrigation system.
Transfer Class 1B	DP-1880	Transference of blended reclaimed domestic wastewater from DP-1869 to the City of Santa Fe's Municipal Recreational Complex permitted by NMED under DP-1880.
Transfer Class 1B	Other Discharge Permits	Transference of blended reclaimed domestic wastewater from DP-1869 to other facilities permitted by NMED to receive and discharge reclaimed domestic wastewater.



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

Flow Metering Locations

Type	Designation	Description & Comments
Totalizing Flow Meter	Las Campanas Water and Sewer Cooperative	Totalizing flow meter located on the transfer line between the Las Campanas Water and Sewer Cooperative and Lake 5W.
Totalizing Flow Meter	City of Santa Fe Wastewater Treatment Plant	Totalizing flow meter located on the transfer line between the City of Santa Fe Wastewater Treatment Plant and The Club at Las Campanas.
Totalizing Flow Meter	SSIS	Totalizing flow meter located on the transfer line between Lake 5W and the subsurface irrigation system located at Hole 14.
Totalizing Flow Meter	Lake 14W	Totalizing flow meter located on the transfer line between Lake 14W and Lakes 18W/4E.
Totalizing Flow Meter	Lake 5W	Totalizing flow meter located on the transfer line between Lake 5W and west golf course holes.
Totalizing Flow Meter	Class 1B Transfer	Totalizing flow meter located on the transfer line between Lake 14W and entities permitted by NMED to receive Class 1B reclaimed domestic wastewater.

Depth-to-Ground Water 279 feet
Total Dissolved Solids (TDS) 200 mg/L

Permit Information

Original Permit Issued	September 30, 2019
Current Action	Permit Modification
Application Received	October 27, 2022
Public Notice Published	[not yet published]
Permit Issued (Issuance Date)	[issuance date]
Permitted Discharge Volume	1,400,000 gallons per day

NMED Contact Information

Mailing Address	Ground Water Quality Bureau P.O. Box 5469 Santa Fe, New Mexico 87502-5469
GWQB Telephone Number	(505) 827-2900
NMED Lead Staff	Gerald Knutson
Lead Staff Telephone Number	(505) 660-7189
Lead Staff Email	gerald.knutson@env.nm.gov or pps.general@env.nm.gov