



MICHELLE LUJAN GRISHAM  
GOVERNOR

JAMES C. KENNEY  
CABINET SECRETARY

**CERTIFIED MAIL – RETURN RECEIPT REQUESTED**

September 10, 2025

Lorenzo Sanchez, Utilities Director  
City of Roswell  
P.O. Box 1838  
Roswell, New Mexico 88202

**RE: Draft Discharge Permit Renewal, DP-281, City of Roswell Wastewater Treatment Facility**

Dear Lorenzo Sanchez:

The New Mexico Environment Department (NMED) hereby provides notice to the City of Roswell of the proposed approval of Ground Water Discharge Permit Renewal, DP-281, (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](mailto:gerald.knutson@env.nm.gov) or to [pps.general@env.nm.gov](mailto: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/](http://www.env.nm.gov/gwqb/)

Lorenzo Sanchez  
September 10, 2025  
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 Renewal, DP-281

cc: Andrew Valadez, Deputy Superintendent, [a.valadez@roswell-nm.gov](mailto:a.valadez@roswell-nm.gov)  
Naomi Steward, WWTP Superintendent, [n.steward@roswell-nm.gov](mailto:n.steward@roswell-nm.gov)



**NEW MEXICO**  
**ENVIRONMENT DEPARTMENT**  
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 1190 Saint Francis Drive / PO Box 5469  
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***Draft: September 10, 2025***

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

<b>Facility Name:</b>	City of Roswell Wastewater Treatment Facility
<b>Discharge Permit Number:</b>	DP-281
<b>Facility Location:</b>	2306 East College Boulevard Roswell, New Mexico
<b>County:</b>	Chaves
<b>Permittee:</b>	City of Roswell
<b>Mailing Address:</b>	Lorenzo Sanchez, Utilities Director P.O. Box 1838 Roswell, New Mexico 88202
<b>Facility Contact:</b>	Andrew Valadez, Deputy Superintendent
<b>Telephone Number/Email:</b>	(575) 622-1449 / <a href="mailto:A.valadez@roswell-nm.gov">A.valadez@roswell-nm.gov</a>
<b>Permitting Action:</b>	Renewal
<b>Permit Issuance Date:</b>	DATE
<b>Permit Expiration Date:</b>	DATE
<b>NMED Permit Contact:</b>	Gerald Knutson, Water Resources Professional III
<b>Telephone Number/Email:</b>	(505) 660-7189 / <a href="mailto:gerald.knutson@env.nm.gov">gerald.knutson@env.nm.gov</a> or 505-827-2900 / <a href="mailto:pps.general@env.nm.gov">pps.general@env.nm.gov</a>

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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
- New Mexico Environment Department Ground Water Quality Bureau Monitoring Well Construction and Abandonment Guidelines, Revision 1.1, March 2011 (Monitoring Well Guidance)
- Land Application Data Sheet (LADS - <https://www.env.nm.gov/forms/>)
- Fertilizer Log

## I. INTRODUCTION

The New Mexico Environment Department (NMED) issues this groundwater discharge permit Renewal (Discharge Permit or DP-281) to the City of Roswell (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 City of Roswell Wastewater 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.

The Facility receives and treats domestic/municipal wastewater at a volume of up to 7.5 million gallons per day (MGD). Treated wastewater (reclaimed domestic wastewater) discharges to 23 acres of landscape at the wastewater treatment plant and 1,117 acres of cropland (reuse areas). The Permittee also transfers reclaimed domestic wastewater to facilities separately permitted by NMED. This Discharge Permit requires the reclaimed domestic wastewater to attain the quality standard established by NMED making it suitable for uses in which public exposure is likely, i.e., Class 1B standards. The Permittee discharges treated wastewater that is not reclaimed for reuse to surface water outfalls at the Rio Hondo and the Berrendo River pursuant to a federal National Pollutant Discharge Elimination System Permit (NPDES Permit No. NM0020311).

### Discharge Permit Location Information:

Physical Address	2306 East College Boulevard
Nearest Town/City	Roswell
Section, Township, Range (Facility)	Section 26, Township 10S, Range 24E
Section, Township, Range (Reuse Areas)	Sections 22, 23, 24, 25, 26, 27, 34, and 35, Township 10S, Range 24E and Section 30, Township 10S, Range 25E
County	Chaves
Depth to Groundwater	6-18.5 Feet
Pre-Discharge TDS	2,000 milligrams per liter

Discharge Permit Issuance History:

Original Permit Issuance	June 8, 1983
Permit Approval	May 17, 1988
Permit Renewal	January 6, 1994
Permit Amendment	February 17, 1995
Permit Renewal and Modification	March 26, 1999
Re-issued Permit Renewal and Modification	April 28, 1999
Permit Modification	December 10, 2003
Permit Renewal and Modification	March 14, 2006
Permit Renewal	March 18, 2013
Permit Renewal	September 28, 2018

The application (i.e., discharge plan) associated with this Discharge Permit consists of the materials submitted by the Permittee dated November 3, 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 to 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

Abbreviation	Explanation	Abbreviation	Explanation
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 this Facility has the potential to 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 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 7.5 MGD of domestic/municipal wastewater using a WWTF. This Discharge Permit authorizes the Permittee to discharge treated wastewater (reclaimed domestic wastewater) to the following reuse areas as described below.

The Permittee is authorized to discharge Class 1B reclaimed domestic wastewater for reuse in accordance with this Discharge Permit and as follows:

- for spray irrigation of landscape at the WWTF (23 acres);
- for flood irrigation of cropland at the Fenn Farm-Southwest (150 acres);
- for flood irrigation of cropland at the Fenn Farm-East (150 acres);
- for flood irrigation of cropland at the Fenn Farm-Northeast (272 acres);
- for flood irrigation of cropland at the Eldridge Farm (150 acres);
- for flood irrigation of cropland at the Waggoner Farm (130 acres);
- for flood irrigation of cropland at the Reyes Farm (150 acres); and
- for flood irrigation of cropland at the Browning Farm (115 acres).

This Discharge Permit also authorizes the Permittee to transfer reclaimed domestic wastewater for reuse in accordance with this Discharge Permit and as follows for:

- transfer Class 1B reclaimed domestic wastewater to the Roswell County Club pursuant to DP-1978; and
- transfer Class 1B reclaimed domestic wastewater to future entities as authorized by NMED under separate Discharge Permit(s).

[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 UV disinfection unit does not exceed the following discharge limits.</p> <table border="1" data-bbox="339 510 1382 779"> <thead> <tr> <th data-bbox="342 510 675 552">Test</th> <th data-bbox="675 510 1024 552">30-day Average</th> <th data-bbox="1024 510 1378 552">Maximum</th> </tr> </thead> <tbody> <tr> <td data-bbox="342 552 675 604">Total Nitrogen</td> <td data-bbox="675 552 1024 604">N/A</td> <td data-bbox="1024 552 1378 604">15 mg/L</td> </tr> <tr> <td data-bbox="342 604 675 646">E. coli bacteria</td> <td data-bbox="675 604 1024 646">63 CFU or MPN/100 mL</td> <td data-bbox="1024 604 1378 646">126 CFU or MPN/100 mL</td> </tr> <tr> <td data-bbox="342 646 675 695">BOD<sub>5</sub></td> <td data-bbox="675 646 1024 695">30 mg/L</td> <td data-bbox="1024 646 1378 695">45 mg/L</td> </tr> <tr> <td data-bbox="342 695 675 737">TSS</td> <td data-bbox="675 695 1024 737">30 mg/L</td> <td data-bbox="1024 695 1378 737">45 mg/L</td> </tr> <tr> <td data-bbox="342 737 675 779">UV Transmissivity</td> <td data-bbox="675 737 1024 779">Monitor Only</td> <td data-bbox="1024 737 1378 779">Monitor Only</td> </tr> </tbody> </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	N/A	15 mg/L	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	UV Transmissivity	Monitor Only	Monitor Only
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TSS	30 mg/L	45 mg/L																	
UV Transmissivity	Monitor Only	Monitor Only																	
4.	<p>The Permittee shall apply reclaimed domestic wastewater evenly throughout the entire reuse area located at the WWTF 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.</p> <p>[Subsection C of 20.6.2.3109 NMAC]</p>																		
5.	<p>The Permittee shall apply reclaimed domestic wastewater evenly to cropland under cultivation (reuse areas) at each Farm location such that the amount of total nitrogen in the combined application of wastewater and fertilizer does not exceed by more than 25% the amount reasonably expected to be taken up by the crop(s) and removed by harvesting 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.</p> <p>[Subsection C of 20.6.2.3109 NMAC]</p>																		
6.	<p>The Permittee shall ensure adherence to the following general requirements for above-ground use of reclaimed domestic wastewater.</p> <p>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 public exposure to reclaimed domestic wastewater may occur. The signs shall state:  <b>NOTICE: THIS AREA IS IRRIGATED WITH RECLAIMED WASTEWATER - DO NOT DRINK. AVISO: ESTA ÁREA ESTÁ REGADA CON AGUAS NEGRAS RECOBRADAS - NO</b></p>																		

#	Terms and Conditions
	<p><b>TOMAR.</b> The Permittee may submit alternate wording and/or graphics to NMED for approval.</p> <ul style="list-style-type: none"> <li>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).</li> <li>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.</li> <li>d) The Permittee shall confine discharge of reclaimed domestic wastewater to the reuse area.</li> <li>e) The Permittee shall not discharge reclaimed domestic wastewater to crops used for human consumption.</li> <li>f) Water supply wells within 200 feet of a reuse area shall have adequate wellhead construction pursuant to 19.27.4 NMAC.</li> <li>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.</li> <li>h) Valves, outlets, and sprinkler heads used in reclaimed wastewater systems shall be accessible only to authorized personnel.</li> </ul> <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>
7.	<p>The Permittee shall meet the following setbacks, access restrictions and equipment requirements for spray irrigation using Class 1B reclaimed domestic wastewater at the WWTF.</p> <ul style="list-style-type: none"> <li>a) Maintain a minimum 100-foot setback between any dwellings or occupied establishments and the edge of the reuse area.</li> </ul>

#	Terms and Conditions
	<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>
8.	<p>The Permittee shall manage the flood and drip irrigation of Class 1B reclaimed domestic wastewater in a manner that minimizes public contact.</p> <p>[Subsections B and C of 20.6.2.3109 NMAC, NMSA 1–78, § 74-6-5.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 18 to 24-inch berms around the cropland at each Farm (reuse areas) to prevent surface water run-on and run-off. The Permittee shall inspect the berms on a monthly basis and after any major precipitation event and repaired as necessary.</p>

#	Terms and Conditions
	<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 person responsible for the inspection. The Permittee shall make the log available to NMED upon request.</p> <p>[Subsection C of 20.6.2.3109 NMAC]</p>
11.	<p>The Permittee shall maintain fences around the WWTF 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> <p>[Subsections B and C of 20.6.2.3109 NMAC, NMSA 1978, § 74-6-5.D]</p>
12.	<p>The Permittee shall 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>
13.	<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 accepted process control methods. The Permittee shall contain, transport, and dispose of solids removed from the treatment process in accordance with all local, state, and federal regulations.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>
14.	<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>
15.	<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>

#	Terms and Conditions
	The Permittee shall notify the NMED within 24 hours if at any time the Permittee no longer has a certified operator maintaining the system.  [Subsection C of 20.6.2.3109 NMAC, 20.7.4 NMAC]

**B. MONITORING AND REPORTING**

#	Terms and Conditions
16.	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]
17.	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***

#	Terms and Conditions
18.	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]

***Monitoring Actions with Implementation Deadlines***

#	Terms and Conditions
19.	The Permittee shall sample for the presence of perfluorinated chemicals (PFCs).

#	Terms and Conditions
	<p>Within 2.5 years following the issuance date of this Discharge Permit (<b>by DATE</b>), the Permittee shall collect a single grab sample following the UV disinfection units. The Permittee shall analyze the sample for the following PFCs:</p> <ul style="list-style-type: none"> <li>• perfluorohexane sulfonic acid (PFHxS) (CAS 355-46-4)</li> <li>• perfluorooctane sulfonate (PFOS) (CAS 1763-23-1)</li> <li>• perfluorooctanoic acid (PFOA) (CAS 335-67-1)</li> </ul> <p>The Permittee shall properly collect, prepare, preserve, transport, and analyze the sample in accordance with EPA Method 1633, or an equivalent method that uses liquid chromatography and tandem mass spectrometry (LC/MS/MS). The reporting limit shall be low enough to identify whether the combined concentration of the perfluorinated chemicals is less than the Tap Water Screening Level 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. The Permittee shall take appropriate measures to avoid cross contamination while collecting and transporting the sample. The selected laboratory should be able to provide guidance that ensures sample integrity. The Permittee shall submit a copy of the laboratory report, including analytical results, the QA/QC summary, and the Chain of Custody to NMED within 30 days of laboratory report receipt.</p> <p>[Subsection H of 20.6.2.3109 NMAC, Subsection A of 20.6.2.3107 NMAC]</p>

**Groundwater Monitoring Conditions**

#	Terms and Conditions																														
20.	<p>The Permittee shall perform quarterly groundwater sampling in the following groundwater monitoring wells and analyze the samples for TKN, NO<sub>3</sub>-N, TDS, and Cl.</p> <table border="1" data-bbox="323 1465 1398 1896"> <thead> <tr> <th>Well</th> <th>Northing</th> <th>Easting</th> <th>Latitude</th> <th>Longitude</th> <th>Intended Location Hydrologically</th> </tr> </thead> <tbody> <tr> <td>MW-1</td> <td>878144</td> <td>495861</td> <td>33.4138516°</td> <td>-104.4823695°</td> <td>Upgradient Waggoner</td> </tr> <tr> <td>MW-2</td> <td>877500</td> <td>502371</td> <td>33.4121054°</td> <td>-104.4610323°</td> <td>Downgradient Fenn SE</td> </tr> <tr> <td>MW-3</td> <td>879139</td> <td>503515</td> <td>33.4166138°</td> <td>-104.4572896°</td> <td>Downgradient Fenn NE</td> </tr> <tr> <td>MW-4</td> <td>879091</td> <td>506999</td> <td>33.4164928°</td> <td>-104.4458713°</td> <td>Downgradient Browning</td> </tr> </tbody> </table>	Well	Northing	Easting	Latitude	Longitude	Intended Location Hydrologically	MW-1	878144	495861	33.4138516°	-104.4823695°	Upgradient Waggoner	MW-2	877500	502371	33.4121054°	-104.4610323°	Downgradient Fenn SE	MW-3	879139	503515	33.4166138°	-104.4572896°	Downgradient Fenn NE	MW-4	879091	506999	33.4164928°	-104.4458713°	Downgradient Browning
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#	Terms and Conditions					
	MW-6	876539	499542	33.4094544°	-104.4702992°	Downgradient Waggoner
	MW-8	876325	499549	33.4088662°	-104.4702753°	Downgradient Reyes
	MW-9	879446	502596	33.4174545°	-104.4603027°	Downgradient Fenn NE
	MW-10	878744	505381	33.4155342°	-104.4511727°	Downgradient Browning
	MW-11	877844	503716	33.4130553°	-104.4566259°	Downgradient Fenn E
	MW-12	880860	492762	33.4213036°	-104.4925391°	Upgradient Roswell CC
	MW-13	882352	496001	33.4254173°	-104.4819304°	Downgradient Roswell CC
	MW-14	883175	494605	33.4276736°	-104.4865099°	Off gradient Roswell CC
	MW-15	877952	506734	33.4133616°	-104.4467357°	Downgradient Eldridge
	MW-16	877233	505101	33.4113805°	-104.4520847°	Upgradient Eldridge
	MW-17	882388	500083	33.4255315°	-104.4685512°	Upgradient Fenn NE
	MW-18	878872	499556	33.4158664°	-104.4702633°	Downgradient Waggoner
	MW-19	880598	499699	33.4206106°	-104.4698021°	Upgradient Fenn E
	MW-20	880117	504154	33.4193038°	-104.4551992°	Upgradient Browning
	<p>The Permittee shall perform groundwater sample collection, preservation, transportation, and analysis according to the following procedures.</p> <ol style="list-style-type: none"> <li>a) Measure the depth-to-most-shallow groundwater from the top of the well casing to the nearest one-hundredth of a foot.</li> <li>b) Purge three well volumes of water from the well prior to sample collection.</li> <li>c) Obtain samples from the well for analysis.</li> <li>d) Properly prepare, preserve, and transport samples.</li> <li>e) Analyze samples in accordance with the methods authorized in this Discharge Permit.</li> </ol> <p>The Permittee shall submit the depth-to-most-shallow groundwater measurements and the laboratory analytical data results including the laboratory QA/QC summary report</p>					

#	Terms and Conditions
	<p>and Chain of Custody for each well, and a Facility layout map showing the location and number of each well to NMED in the quarterly monitoring reports.</p> <p>[Subsection A of 20.6.2.3107 NMAC]</p>
21.	<p>The Permittee shall develop a groundwater elevation contour map, i.e., potentiometric surface map, on a quarterly basis using the top of casing elevation data from the monitoring well survey and the most recent depth-to-most-shallow groundwater measurements, referenced to mean sea level, obtained during the groundwater sampling required by this Discharge Permit.</p> <p>The groundwater elevation contour map shall depict the groundwater flow direction based on the groundwater elevation contours. The Permittee shall estimate groundwater elevations between monitoring well locations using common interpolation methods. The Permittee shall use a contour interval appropriate to the data but shall not be greater than two feet. Groundwater elevation contour maps shall use arrows to depict the groundwater flow direction based on the orientation of the groundwater elevation contours and shall locate and identify each monitoring well and contaminant source.</p> <p>The Permittee shall submit to NMED a groundwater elevation contour map in the quarterly monitoring reports.</p> <p>[Subsection A of 20.6.2.3107 NMAC]</p>
22.	<p>NMED shall have the option to perform downhole inspections of all groundwater monitoring wells identified in this Discharge Permit. NMED shall establish the inspection date and notify the Permittee. The Permittee shall remove any existing dedicated pumps at least 48 hours prior to NMED inspection to allow adequate settling time of sediment agitated from pump removal.</p> <p>Should the Permittee decide to install a pump in a monitoring well without a dedicated pump, the Permittee shall notify NMED at least 90 days prior to pump installation so that NMED can schedule a downhole well inspection(s) prior to pump placement.</p> <p>[Subsections A and D of 20.6.2.3107 NMAC]</p>

**Facility Monitoring Conditions**

#	Terms and Conditions
23.	<p>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</p>

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	<p>facility each month using a totalizing flow meter (magnetic flow meter) located at the headworks. The Permittee shall submit the totalized, average daily, and peak daily influent volumes for each calendar month 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 reclaimed domestic wastewater discharged to <i>each</i> reuse area using totalizing flow meters. The meters shall be located on the transfer line(s) between the WWTF and each reuse area.</p> <p>The Permittee shall maintain a log that records the date that discharges occur to <i>each</i> reuse area and the monthly totalizing meter readings and units of measurement. The Permittee shall use the log to calculate the total calendar monthly volume of reclaimed domestic wastewater discharged to <i>each</i> reuse area. The Permittee shall also use the monthly volume discharged to <i>each</i> reuse on the LADS (copy enclosed) to calculate nitrogen loading. The Permittee shall submit a copy 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>
25.	<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> <ol 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> <li>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.</li> <li>e) Any flow meter repairs made during the previous year or during field calibration.</li> </ol>

#	Terms and Conditions
	<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>
26.	<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>
27.	<p>The Permittee shall collect samples of reclaimed domestic wastewater after the UV disinfection unit on a monthly 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 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, 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>
28.	<p>During any week that the discharge of reclaimed domestic wastewater occurs, the Permittee shall perform the following analyses on the wastewater samples collected after the UV disinfection unit using the following sampling method and frequency:</p>

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	<ul style="list-style-type: none"> <li>• E. coli bacteria: grab sample at peak daily flow three times per week;</li> <li>• BOD<sub>5</sub>: twelve-hour composite sample three times per week;</li> <li>• TSS: twelve-hour composite sample three times per week; and</li> <li>• UV transmissivity values: 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 UV transmissivity values 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>		
29.	<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 after the UV disinfection unit and analyze the sample for the following inorganic contaminants (dissolved fraction, except as noted):</p> <table border="0" style="width: 100%;"> <tr> <td style="vertical-align: top;"> <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> </ul> </td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> <li>• manganese (CAS 7439-96-5)</li> <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 analyze the samples in accordance with the methods authorized in this Discharge Permit. The 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>	<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> </ul>	<ul style="list-style-type: none"> <li>• manganese (CAS 7439-96-5)</li> <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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	<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>
30.	<p>On an annual basis, the Permittee shall collect a grab sample of reclaimed domestic wastewater after the UV disinfection unit 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>• ethylbenzene (CAS 100-41-4)</li> <li>• ethylene dibromide (EDB, CAS 106-93-4)</li> <li>• methylene chloride (CAS 75-09-2)</li> <li>• PAHs: 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> <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</i></p>

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	<p><i>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>
31.	<p>On an annual basis, the Permittee shall collect a grab sample of untreated wastewater from the inlet of the treatment facility (prior to any treatment) and analyze the sample for fats, oils, and grease (FOG).</p> <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, 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>
32.	<p>The Permittee shall complete LADS on a monthly basis that document the amount of nitrogen applied to the reuse areas located at the WWTF 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 each 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 complete LADS on a monthly basis that document the amount of nitrogen applied to the irrigated cropland at <i>each</i> Farm location 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 <i>each</i> cropland for each month. The Permittee shall also report on the LADS the amount of nitrogen (fertilizer, wastewater, etc.) applied, crops grown along with planting and harvest dates, crop yield (tons per acre), and nitrogen concentration of the harvested crop specific to the crops grown. The Permittee shall complete the LADS with the information above or include a</p>

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	<p>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>
34.	<p>The Permittee shall keep a Fertilizer Log (copy enclosed) of all additional nitrogenous fertilizer applied to the cropland at <i>each</i> Farm. 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>
35.	<p>The Permittee shall submit records of solids disposal, including a copy of all Discharge Monitoring Reports (i.e., DMRs) required by the EPA pursuant to 40 CFR 503, 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
36.	<p>In the event that groundwater monitoring indicates that groundwater exceeds a standard identified in Section 20.6.2.3103 NMAC in a monitoring well with no previous exceedances of the chemical constituent at the date of issuance of this Discharge Permit, the Permittee shall collect a confirmatory sample from the monitoring well within 15 days of receipt of the initial sampling results to confirm the initial sampling results.</p> <p>Within 60 days of confirmation of groundwater contamination, 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>This condition shall apply until the Permittee completes groundwater monitoring for a minimum of eight (8) consecutive quarterly samples demonstrating groundwater does not exceed the standards of Section 20.6.2.3103 NMAC.</p>

#	Terms and Conditions
	<p>Violation of the groundwater standard beyond 180 days after the confirmation of groundwater contamination may cause NMED to 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>[20.6.2.3103 NMAC, Subsection A of 20.6.2.3107 NMAC, Subsection E of 20.6.2.3109 NMAC]</p>
37.	<p>In the event that information available to NMED indicates that a well is not constructed in a manner consistent with the attached Monitoring Well Guidance, contains insufficient water to effectively monitor groundwater quality, or is otherwise not completed in a manner that is protective of groundwater quality, the Permittee shall install a replacement well(s) within 120 days following notification from NMED.</p> <p>The Permittee shall survey the replacement monitoring well(s) within 30 days following well completion.</p> <p>The Permittee shall install replacement well(s) at locations approved by NMED prior to installation and shall complete replacement well(s) in accordance with the attached Monitoring Well Guidance. The Permittee shall submit well construction and lithologic logs, survey data, and a groundwater elevation contour map to NMED within 60 days following well completion.</p> <p>The Permittee shall properly plug and abandon monitoring well(s) requiring replacement upon completion of the replacement monitoring well(s). The Permittee shall complete the well plugging and abandonment, and shall document the abandonment procedures, in accordance with the attached Monitoring Well Guidance and all applicable local, state, and federal regulations. The Permittee shall submit a copy of the well abandonment documentation to NMED within 60 days following the replacement well(s) completion.</p> <p>[Subsection A of 20.6.2.3107 NMAC]</p>
38.	<p>In the event that groundwater flow information obtained pursuant to this Discharge Permit indicates that a monitoring well is not appropriately located, e.g., hydrologically downgradient of the discharge location it is intended to monitor, the Permittee shall install a replacement well within 120 days following notification from NMED. The Permittee shall survey the replacement monitoring well within 30 days following well completion.</p> <p>The Permittee shall install the replacement well at the location approved by NMED prior to installation and shall complete the replacement well in accordance with the attached</p>

#	Terms and Conditions
	<p>Monitoring Well Guidance. The Permittee shall submit construction and lithologic logs, survey data, and a groundwater elevation contour map within 60 days following well completion.</p> <p>The Permittee shall properly plug and abandon a monitoring well requiring replacement upon completion of the replacement monitoring well. The Permittee shall complete the well plugging and abandonment, and shall document the abandonment procedures, in accordance with the attached Monitoring Well Guidance and all applicable local, state, and federal regulations. The Permittee shall submit a copy of the well abandonment documentation to NMED within 60 days following the replacement well completion.</p> <p>[Subsection A of 20.6.2.3107 NMAC]</p>
39.	<p>In the event that the Facility exceeds the authorized received and treated wastewater volume (influent) set in this Discharge Permit, the Permittee shall initiate the following Contingency Plan.</p> <p><u>Contingency Plan</u></p> <ul style="list-style-type: none"> <li>a) Notify NMED within seven days of the discovery of the influent volume exceedance that the Facility exceeded the authorized receive and treat volume.</li> <li>b) The Permittee shall conduct a physical inspection of the discharge system, i.e., inflow and infiltration issues, collection system failures, etc., and the influent meter/volume measuring device/method to detect abnormalities and report the findings to NMED within 30 days of the discovery of the discharge volume exceedance. The Permittee shall correct any abnormalities detected with NMED’s concurrence.</li> <li>c) If the Permittee does not detect any abnormalities and with NMED’s concurrence, the Permittee shall submit a discharge permit modification for the increase in influent quantity to NMED within 90 days of the discovery of the influent volume exceedance. The discharge permit modification must include demonstration that the volume increase is sufficient for the design capacity or plans and specifications to upgrade the system to accommodate the influent volume increase.</li> </ul> <p>[Subsection A of 20.6.2.3107 NMAC]</p>
40.	<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> <ul style="list-style-type: none"> <li>a) Within 7 days of the second sample analysis date indicating exceedance of the</li> </ul>

#	Terms and Conditions
	<p>discharge limit, the Permittee shall:</p> <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> <ul style="list-style-type: none"> <li>b) The Permittee shall increase the frequency of total nitrogen wastewater sampling and analysis of treated wastewater to once per week.</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 weekly 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 continues to exceed the limit. The Permittee shall initiate implementation of the CAP following approval by NMED.</li> </ul> <p>When analytical results from three consecutive weeks of wastewater sampling do not exceed the discharge limit, the Permittee may request NMED authorize a return to a monthly monitoring frequency.</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 analytical results of a reclaimed domestic wastewater sample exceed any of the maximum discharge limits for BOD<sub>5</sub>, TSS, 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 exceed any of the 30-day average discharge limits for BOD<sub>5</sub>, TSS, 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>

#	Terms and Conditions
	<p>a) Within 24 hours of becoming aware of a confirmed exceedance (as identified above), the Permittee shall:</p> <ul 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 the exceedance(s) to NMED.</li> </ul> <p>b) The Permittee shall immediately cease discharging and transferring reclaimed domestic wastewater to the reuse areas and to facilities separately permitted by NMED if E. coli bacteria maximum limit is exceeded.</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 the maximum discharge limits for E. coli bacteria, the Permittee may resume discharging and transferring reclaimed domestic wastewater with NMED approval.</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 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 within 60 days following receipt of the analytical results confirming the exceedance. The Permittee shall ensure the CAP includes a schedule for completion of corrective actions and identification of alternative disposal locations/methods. The Permittee shall initiate implementation of the CAP following approval by NMED. NMED may require the Permittee to complete approved corrective actions prior to recommencing discharge to the reuse area(s).</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>
42.	<p>In the event that the LADS (copy enclosed) 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 grounds of the WWTF (reuse area) 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</p>

#	Terms and Conditions
	<p>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>
43.	<p>In the event that the LADS, for any irrigated crop land (reuse areas) show that the amount of nitrogen in wastewater and additional fertilizer applied in any 12-month period exceeds by more than 25% the amount reasonably expected to be taken up by the crop(s) and removed by harvesting, the Permittee shall propose the reduction of nitrogen loading to the affected reuse area(s) 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>
44.	<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> <ol 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> </ol> <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>

#	Terms and Conditions
	<p>Within <u>15 days</u> following discovery of the unauthorized discharge, the Permittee shall submit a 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> <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>
45.	<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**

***Closure Actions with Implementation Deadlines***

#	Terms and Conditions
46.	<p>Within 120 days following the issuance date of this Discharge Permit (<b>by DATE</b>), the Permittee shall properly plug and abandon the following monitoring wells.</p> <ul style="list-style-type: none"> <li>a) MW-5, located downgradient of the Larimore Farm; and</li> <li>b) MW-7, located upgradient of the Larimore Farm.</li> </ul>

#	Terms and Conditions
	<p>The Permittee shall abandon monitoring wells in accordance with the attached Monitoring Well Guidance and all applicable local, state, and federal regulations, including 19.27.4 NMAC.</p> <p>The Permittee shall submit documentation describing the well abandonment procedures in accordance with the above-mentioned Guidelines. The Permittee shall submit the well abandonment documentation to NMED within 60 days of completion of well plugging activities.</p> <p>[Subsection A of 20.6.2.3107 NMAC, 19.27.4 NMAC]</p>

***Permanent Facility Closure Conditions***

#	Terms and Conditions
47.	<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> <ol 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 or drain and dispose of in accordance with all local, state, and federal regulations, or discharged from the system to the reuse area(s) as authorized by this Discharge Permit. The discharge of accumulated solids (sludge) to the reuse area(s) is prohibited.</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> </ol> <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> <ol 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> </ol> <p>The Permittee shall continue groundwater monitoring until the Permittee meets the requirements of this condition and groundwater monitoring confirms for a minimum of eight consecutive quarterly groundwater sampling events that groundwater does not exceed the standards of Section 20.6.2.3103 NMAC. This period is referred to as “post-</p>

#	Terms and Conditions
	<p>closure.”</p> <p>If at any time monitoring results show an exceedance of a groundwater quality standard in Section 20.6.2.3103 NMAC, the Permittee shall implement the Contingency Plan required by this Discharge Permit.</p> <p>Following notification from NMED that the Permittee may cease post-closure monitoring, the Permittee shall plug and abandon the monitoring wells in accordance with the attached Monitoring Well Guidance.</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
48.	<p>RECORD KEEPING - 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 logs) for all sampled groundwater monitoring wells pursuant to this Discharge Permit;</li> </ul>

#	Terms and Conditions
	<ul style="list-style-type: none"> <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, locations, 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> <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> </li> </ul> <p>The Permittee shall maintain the written record at a location accessible to NMED during a Facility inspection for a minimum of five years. The Permittee shall make the record available to NMED upon request.</p> <p>[Subsections A and D of 20.6.2.3107 NMAC]</p>
49.	<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>
50.	<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>

#	Terms and Conditions
	<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>
51.	<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>
52.	<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>
53.	<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>
54.	<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</p>

#	Terms and Conditions
	<p>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>
55.	<p><b>CRIMINAL PENALTIES - No person shall:</b></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>
56.	<p><b>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.</b></p> <p>[NMSA 1978, § 74-6-5.L]</p>

#	Terms and Conditions
57.	<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>
58.	<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>
59.	<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

<b>Facility Name</b>	City of Roswell Wastewater Treatment Facility
<b>Discharge Permit Number</b>	DP-281
<b>Legally Responsible Party</b>	Lorenzo Sanchez, Utilities Director City of Roswell P.O. Box 1838 Roswell, New Mexico 88202 (575) 662-1449

### Treatment, Disposal and Site Information

<b>Primary Waste Type</b>	Municipal
<b>Facility Type</b>	MUNI-Wastewater

#### Treatment Methods

Type	Designation	Description & Comments
Wastewater Treatment System	WWTF	The entrance works consist of a 6 millimeter mechanical bar screen and aerated grit basin followed by two primary clarifiers. Wastewater then discharges to an activated sludge oxic/anoxic process consisting of three aeration basins followed by three clarifiers and ultraviolet disinfection. Primary sludge/solids and waste activated sludge is discharged to three anaerobic digesters.

#### Discharge Locations

Type	Designation	Description & Comments
Land Application or Farming	Browning Farm	115 acres of farmland irrigated with reclaimed domestic wastewater
Land Application or Farming	Waggoner Farm	130 acres of farmland irrigated with reclaimed domestic wastewater
Land Application or Farming	Reyes Farm	150 acres of farmland irrigated with reclaimed domestic wastewater
Land Application or Farming	Eldridge Farm	150 acres of farmland irrigated with reclaimed domestic wastewater
Land Application or Farming	Fenn Farm East (formerly Alvarez Farm)	150 acres of farmland irrigated with reclaimed domestic wastewater
Land Application or Farming	Fenn Farm (Southwest)	150 acres of farmland irrigated with reclaimed domestic wastewater
Land Application or Farming	Landscaping at WWTP	23 acres of grounds irrigation at the WWTP with reclaimed domestic wastewater
Land Application or Farming	Fenn Farm (Northeast)	272 acres of farmland irrigated with reclaimed domestic wastewater
Watercourse	Rio Hondo	NPDES permitted discharge location (NM0020311 Discharge Point 001)
Watercourse	Berrendo River	NPDES permitted discharge location (NM0020311 Discharge Point 002)



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

Sludge Drying Beds		Sludge drying beds are used to dewater sludge after aerobic digestion. Dried sludge is composted to Class "A" to be sold or given away.
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### Flow Metering Locations

Type	Designation	Description & Comments
Totalizing Flow Meter	Influent	Meter at WWTF headworks
Totalizing Flow Meter	No meter ID	Browning Farm
Totalizing Flow Meter	Plant 184053 West 134898	Waggoner Farm 130 acres of farmland irrigated with reclaimed domestic wastewater
Totalizing Flow Meter	136070	Reyes Farm
Totalizing Flow Meter	1344874	Eldridge Farm
Totalizing Flow Meter	No meter ID	Fenn Farm East
Totalizing Flow Meter	West 69350 East 133338	Fenn Farm (Southwest)
Totalizing Flow Meter	863025	Landscaping at WWTP
Totalizing Flow Meter	134791	Fenn Farm (Northeast)

### Ground Water Monitoring Locations

Well	Northing	Easting	Latitude	Longitude	Intended Location Hydrologically
MW-1	878144	495861	33.4138516°	-104.4823695°	Upgradient Waggoner
MW-2	877500	502371	33.4121054°	-104.4610323°	Downgradient Fenn SE
MW-3	879139	503515	33.4166138°	-104.4572896°	Downgradient Fenn NE
MW-4	879091	506999	33.4164928°	-104.4458713°	Downgradient Browning
MW-5	874851	496883	33.4048052°	-104.4790051°	Downgradient Larimore The Permittee is authorized to plug and abandon this monitoring well
MW-6	876539	499542	33.4094544°	-104.4702992°	Downgradient Waggoner
MW-7	872465	492118	33.3982282°	-104.4946072°	Upgradient Larimore The Permittee is authorized to plug and abandon this monitoring well
MW-8	876325	499549	33.4088662°	-104.4702753°	Downgradient Reyes
MW-9	879446	502596	33.4174545°	-104.4603027°	Downgradient Fenn NE
MW-10	878744	505381	33.4155342°	-104.4511727°	Downgradient Browning
MW-11	877844	503716	33.4130553°	-104.4566259°	Downgradient Fenn E
MW-12	880860	492762	33.4213036°	-104.4925391°	Upgradient Roswell CC
MW-13	882352	496001	33.4254173°	-104.4819304°	Downgradient Roswell CC
MW-14	883175	494605	33.4276736°	-104.4865099°	Off-gradient Roswell CC
MW-15	877952	506734	33.4133616°	-104.4467357°	Downgradient Eldridge
MW-16	877233	505101	33.4113805°	-104.4520847°	Upgradient Eldridge
MW-17	882388	500083	33.4255315°	-104.4685512°	Upgradient Fenn NE



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

MW-18	878872	499556	33.4158664°	-104.4702633°	Downgradient Waggoner
MW-19	880598	499699	33.4206106°	-104.4698021°	Upgradient Fenn E
MW-20	880117	504154	33.4193038°	-104.4551992°	Upgradient Browning

**Depth-to-Ground Water** 6-18.5 feet  
**Total Dissolved Solids (TDS)** 2,000 mg/L

**Permit Information**

**Original Permit Issued** June 8, 1983  
**Permit Approval** May 17, 1988  
**Permit Renewal** January 6, 1994  
**Permit Amendment** February 17, 1995  
**Permit Renewal and Modification** March 26, 1999  
**Re-issue Permit Renewal and Modification** April 28, 1999  
**Permit Modification** December 10, 2003  
**Permit Renewal and Modification** March 14, 2006  
**Permit Renewal** March 18, 2013  
**Permit Renewal** September 28, 2018

**Current Action**  
 Application Received  
 Public Notice Published  
 Permit Issued (Issuance Date)  
 Permitted Discharge Volume

**Permit Renewal**  
 November 3, 2023  
 [not yet published]  
 [issuance date]  
 7,500,000 gallons per day

**NMED Contact Information**

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