



MICHELLE LUJAN GRISHAM  
GOVERNOR

JAMES C. KENNEY  
CABINET SECRETARY

**CERTIFIED MAIL – RETURN RECEIPT REQUESTED**

April 18, 2024

James D. Wimberly, Vice-President/Manager  
Eileen Acres Service Corporation  
212 Alamo Street  
Alamogordo, NM 88310

**RE: Draft Discharge Permit Renewal, DP-398, Eileen Acres Service Corporation**

Dear James D. Wimberly:

The New Mexico Environment Department (NMED) hereby provides notice to the Eileen Acres Service Corporation of the proposed approval of Ground Water Discharge Permit Renewal, DP-398, (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 [Lochlin.Farrell@env.nm.gov](mailto:Lochlin.Farrell@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.

Thank you for your cooperation during the review process. Feel free to contact me with any questions at (505) 660-8061.

Sincerely,

Lochlin Farrell, Geoscientist

Encl: Draft Discharge Permit Renewal, DP-398  
cc: Tony Medina, Water Technology Services, [watersolutions@live.com](mailto:watersolutions@live.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](http://www.env.nm.gov)



***Draft: April 18, 2024***

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

**Facility Name:** Eileen Acres Service Corporation  
**Discharge Permit Number:** DP-398  
**Facility Location:** 212 Alamo Street  
Alamogordo, NM 88310

**County:** Otero

**Permittee:** Eileen Acres Service Corporation  
**Mailing Address:** James D. Wimberly, Manager  
212 Alamo Street  
Alamogordo, NM 88310

**Facility Contact:** James D. Wimberly  
**Telephone Number/Email:** 575-415-3887 / [eileenacresservicecorp@yahoo.com](mailto:eileenacresservicecorp@yahoo.com)

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

**NMED Permit Contact:** Lochlin Farrell, Geoscientist  
**Telephone Number/Email:** 505-660-8061 / [Lochlin.Farrell@env.nm.gov](mailto:Lochlin.Farrell@env.nm.gov) or  
505-827-2900 / [pps.general@env.nm.gov](mailto:pps.general@env.nm.gov)

---

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

---

Date

**TABLE OF CONTENTS**

**I. INTRODUCTION ..... 1**

**II. FINDINGS ..... 3**

**III. AUTHORIZATION TO DISCHARGE ..... 3**

**IV. CONDITIONS ..... 3**

**A. OPERATIONAL PLAN ..... 3**

    Operational Actions with Implementation Deadlines ..... 4

    Operating Conditions ..... 5

**B. MONITORING AND REPORTING ..... 9**

    Due Dates for Monitoring Reports ..... 9

    Monitoring Actions with Implementation Deadlines ..... 10

    Groundwater Monitoring Conditions ..... 11

    Facility Monitoring Conditions ..... 12

**C. CONTINGENCY PLAN ..... 15**

**D. CLOSURE PLAN ..... 21**

    Closure Actions with Implementation Deadlines ..... 21

    Permanent Facility Closure Conditions ..... 24

**E. GENERAL TERMS AND CONDITIONS ..... 25**

**ATTACHMENTS**

- Discharge Permit Summary
- Groundwater Discharge Permit Guidance for Synthetically Lined Lagoons – Liner Material and Site Preparation, Revision 0.0, May 2007
- 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/>)

## I. INTRODUCTION

The New Mexico Environment Department (NMED) issues this groundwater discharge permit Renewal (Discharge Permit or DP-398) to Eileen Acres Service Corporation (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 Eileen Acres Service Corporation (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 wastewater at a volume of up to 41,310 gallons per day (gpd). Treated wastewater discharges to a 3-acre disposal area via a surface disposal system.

### Discharge Permit Location Information:

Physical Address	212 Alamo Street
Nearest Town/City	Approximately 2.5 miles north of Alamogordo
Section, Township, Range	Section 33, Township 15 South, Range 10 East
County	Otero
Depth to Groundwater	230 feet below ground surface
Pre-Discharge TDS	2,000 milligrams per liter

### Discharge Permit Issuance History:

Original Permit Issuance	September 10, 1986
Permit Renewal	April 10, 1992
Permit Renewal	June 6, 1997
Permit Renewal	July 29, 2003
Permit Renewal	April 22, 2011
Permit Renewal	February 15, 2017

The application (i.e., discharge plan) associated with this Discharge Permit consists of the materials submitted by Water Technology Services on behalf of the Permittee dated July 21,

2022, additional information provided by James D. Wimberly on September 26, 2023, and September 28, 2023, 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
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.

The Facility receives and treats up to 41,310 gpd of domestic wastewater using a sequencing batch reactor wastewater treatment facility (WWTF). This Discharge Permit authorizes the Permittee to discharge treated wastewater via surface disposal to 3 acres of native grassland (i.e., disposal area).

[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.

#	Terms and Conditions
	[Subsection C of 20.6.2.3109 NMAC]
2.	<p>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.</p> <p>[20.6.2.3101 NMAC, 20.6.2.3103 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>

**Operational Actions with Implementation Deadlines**

#	Terms and Conditions
3.	<p>Within 30 days following the issuance date of this Discharge Permit (<b>by DATE</b>), the Permittee shall post signs in English and Spanish at all disposal areas. The Permittee shall post signs at the entrance to disposal areas and at other locations where public exposure to treated 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 TOMAR.</b> The Permittee may submit alternate wording and/or graphics to NMED for approval.</p> <p>Documentation of sign installation shall consist of a narrative statement describing the number and location of the signs and date-stamped photographs. The Permittee shall submit the documentation to NMED in the next required periodic monitoring report.</p> <p>[Subsections B and C of 20.6.2.3109 NMAC, NMSA 1978, § 74-6-5.D]</p>
4.	<p>Within 90 days following the issuance date of this Discharge Permit (<b>by DATE</b>), the Permittee shall submit a plan for NMED approval to remove the accumulated solids generated by the Facility and currently stored onsite. The Plan shall include a method to contain, transport, and dispose of the accumulated sludge off-site in accordance with all local, state, and federal regulations. If the Plan includes a proposal to surface dispose of the accumulated sludge at a surface disposal facility, the Permittee shall submit a discharge permit application for that facility.</p> <p>The Permittee shall initiate the plan within 90 days of receiving NMED approval. The Permittee shall submit records of all solids transported for off-site disposal within 30 days of project completion.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>
5.	<p>Within 90 days following the issuance date of this Discharge Permit (<b>by DATE</b>), the Permittee shall submit to NMED documentation confirming the existence of the</p>

#	Terms and Conditions
	<p>infrastructure necessary to transfer, distribute and apply treated wastewater to the disposal area to assure discharge of treated wastewater occurs evenly and no closer than 100 feet from any dwellings or occupied establishments. Documentation of the distribution system installation shall consist of a narrative statement including the system type and location, and the method of backflow prevention employed (if applicable).</p> <p>[Subsections B and C of 20.6.2.3109 NMAC, NMSA 1978, § 74-6-5.D]</p>
6.	<p>Within 90 days following the issuance date of this Discharge Permit (<b>by DATE</b>), the Permittee shall install 18 to 24-inch berms around the fields within the disposal area to prevent surface water run-on and run-off. The Permittee shall install berms on the boundaries of channels that traverse the disposal area to allow water to pass through the disposal area through natural courses while preventing run-on or run-off from the fields that receive treated wastewater. Documentation of berm installation shall consist of a narrative statement describing the berm locations and date-stamped photographs. The Permittee shall submit the documentation to NMED in the next required periodic monitoring report.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>

**Operating Conditions**

#	Terms and Conditions									
7.	<p>The Permittee shall ensure that treated wastewater discharged from the dosing tank does not exceed the following discharge limits.</p> <table border="1" data-bbox="414 1423 1307 1598"> <thead> <tr> <th data-bbox="414 1423 711 1465"><u>Test</u></th> <th data-bbox="711 1423 1008 1465"><u>30-day Average</u></th> <th data-bbox="1008 1423 1307 1465"><u>Maximum</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="414 1465 711 1518">Total Nitrogen</td> <td data-bbox="711 1465 1008 1518">n/a</td> <td data-bbox="1008 1465 1307 1518">15 mg/L</td> </tr> <tr> <td data-bbox="414 1518 711 1598">E. coli bacteria</td> <td data-bbox="711 1518 1008 1598">630 CFU or MPN/100 mL</td> <td data-bbox="1008 1518 1307 1598">3,150 CFU or MPN/100 mL</td> </tr> </tbody> </table> <p>[Subsections B and C of 20.6.2.3109 NMAC, NMSA 1978, § 74-6-5.D]</p>	<u>Test</u>	<u>30-day Average</u>	<u>Maximum</u>	Total Nitrogen	n/a	15 mg/L	E. coli bacteria	630 CFU or MPN/100 mL	3,150 CFU or MPN/100 mL
<u>Test</u>	<u>30-day Average</u>	<u>Maximum</u>								
Total Nitrogen	n/a	15 mg/L								
E. coli bacteria	630 CFU or MPN/100 mL	3,150 CFU or MPN/100 mL								
8.	<p>The Permittee shall discharge treated wastewater such that the amount of total nitrogen applied does not exceed 200 pounds per acre in any rolling 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.</p>									



#	Terms and Conditions
	[Subsection C of 20.6.2.3109 NMAC]
9.	<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>
10.	<p>The Permittee shall ensure adherence to the following general requirements for disposal of treated wastewater.</p> <ul style="list-style-type: none"><li>a) The Permittee shall install and maintain signs in English and Spanish at all disposal areas such that they are visible and legible for the term of this Discharge Permit. The Permittee shall post signs at the entrance to disposal areas and at other locations where public exposure to treated 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 TOMAR.</b> The Permittee may submit alternate wording and/or graphics to NMED for approval.</li><li>b) Treated 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) Disposal of treated wastewater shall not result in excessive ponding of wastewater. The Permittee shall not discharge treated wastewater at times when the disposal area is saturated or frozen.</li><li>d) The Permittee shall confine discharge of treated wastewater to the disposal area.</li><li>e) Water supply wells within 200 feet of a disposal area shall have adequate wellhead construction pursuant to 19.27.4 NMAC.</li><li>f) Valves, outlets, and sprinkler heads used in treated 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>

#	Terms and Conditions
11.	<p>The Permittee shall meet the following setbacks and access restrictions for flood irrigation using treated domestic wastewater.</p> <ol style="list-style-type: none"><li>a) Maintain a minimum 100-foot setback between any dwellings or occupied establishments and the edge of the disposal area.</li><li>b) Flood and drip irrigation of treated wastewater shall only occur in a manner that minimizes public contact.</li><li>c) Restrict public access to the disposal area by perimeter fencing using four-strand barbed wire and a locking gate, or other access controls approved by NMED.</li><li>d) Prohibit the irrigation of fodder, fiber and seed crops for milk producing animals with treated wastewater.</li></ol> <p>[Subsections B and C of 20.6.2.3109 NMAC, NMSA 1978, § 74-6-5.D]</p>
12.	<p>The Permittee shall maintain 18 to 24-inch berms around the fields within the disposal area to prevent surface water run-on and run-off while the Permittee is flood irrigating. The Permittee shall inspect the berms on a monthly basis and after any major precipitation event and repair as necessary.</p> <p>The Permittee shall keep a log of the inspections that includes a 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>
13.	<p>The Permittee shall maintain the sequencing batch reactor impoundment liner and sludge drying bed liners to avoid conditions that could affect the liner or the structural integrity of the sequencing batch reactor impoundment and drying beds. Characterization of such conditions may include the following:</p> <ul style="list-style-type: none"><li>• erosion damage;</li><li>• animal burrows or other damage;</li><li>• the presence of vegetation including aquatic plants, weeds, woody shrubs or trees growing within five feet of the top inside edge of a sub-grade impoundment or drying bed, within five feet of the toe of the outside berm of an above-grade impoundment, or within the impoundment or drying bed itself;</li><li>• the presence of large debris or large quantities of debris in the impoundment or drying bed;</li><li>• evidence of seepage; or</li><li>• evidence of berm subsidence.</li></ul>

#	Terms and Conditions
	<p>The Permittee shall routinely control vegetation growing around the sequencing batch reactor impoundment and drying beds by mechanical removal that is protective of the liners.</p> <p>The Permittee shall visually inspect the sequencing batch reactor impoundment and drying beds 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 the sequencing batch reactor impoundment or drying bed 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 sequencing batch reactor impoundment and drying bed 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>
14.	<p>The Permittee shall preserve a minimum of two feet of freeboard in the sequencing batch reactor impoundment, i.e., the distance between the highest calculated liquid level in the impoundment and the liquid level which would result in the release of stored liquid from the impoundment.</p> <p>In the event that the Permittee determines that it cannot preserve two feet of freeboard in the sequencing batch reactor 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 properly manage all solids generated by the treatment system to maintain effective operation of the system by removing solids as necessary and in accordance with associated equipment manufacturer’s specifications. The Permittee shall contain, transport, and dispose of all solids removed from the treatment process in accordance with all local, state, and federal regulations. If storing solids on-site, the Permittee shall contain solids in a manner that is protective of groundwater, i.e., in a roll off container or on a constructed concrete pad with leachate collection, and dispose of all stored solids in accordance with all local, state, and federal regulations.</p> <p>The Permittee shall maintain manifests for all solids transported from the treatment Facility for off-site disposal. The manifests shall identify the name of the hauler, the date</p>

#	Terms and Conditions
	<p>of off-site shipment, the volume of solids removed, the disposal method, and disposal location. The Permittee shall make the manifests available to NMED upon request.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>
16.	<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>
17.	<p>The Permittee shall utilize operators, certified by the State of New Mexico at the appropriate level pursuant to 20.7.4 NMAC, to operate the wastewater collection, treatment, and disposal systems. A certified operator or a direct supervisee of a certified operator shall perform the operations and maintenance of all or any part of the wastewater system.</p> <p>The Permittee shall notify the NMED within 24 hours if at any time the Permittee no longer has a certified operator maintaining the system.</p> <p>[Subsection C of 20.6.2.3109 NMAC, 20.7.4 NMAC]</p>

**B. MONITORING AND REPORTING**

#	Terms and Conditions
18.	<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>
19.	<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
20.	<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"> <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> <p>[Subsection A of 20.6.2.3107 NMAC]</p>

**Monitoring Actions with Implementation Deadlines**

#	Terms and Conditions
21.	<p>Within 180 days following the issuance date of this Discharge Permit (<b>by DATE</b>), the Permittee shall submit a written groundwater monitoring well location proposal for NMED review and approval. The proposal shall designate the installation locations of the monitoring wells required by this Discharge Permit. The proposal shall include, at a minimum, the following information.</p> <ol style="list-style-type: none"> <li>a) A map showing the proposed location of the monitoring wells in relation to the boundary of the source it is intended to monitor.</li> <li>b) A written description of the specific location proposed for the monitoring wells including the distance (in feet) and direction of the monitoring wells from the edge of the source it is intended to monitor and the latitude and longitude coordinates for each well in decimal format. Examples include: 35 feet north-northwest of the northern berm of the synthetically lined impoundment and 35.898306 and -107.281519; 45 feet due south of the leachfield and 35.898306 and -107.281519; and 30 feet southeast of the reuse area and 35.898306 and -107.281519.</li> <li>c) A statement describing the groundwater flow direction beneath the Facility, and documentation and/or data supporting the determination.</li> </ol> <p>The Permittee must have NMED’s approval of all monitoring well locations prior to their installation.</p> <p>[Subsection A of 20.6.2.3107 NMAC]</p>
22.	<p>Within 240 days of the issuance date of this Discharge Permit (<b>by DATE</b>), the Permittee shall install the following new monitoring well.</p> <ol style="list-style-type: none"> <li>a) One monitoring well (MW-1A) located 20 to 50 feet hydrologically downgradient of the sequencing batch reactor.</li> </ol>

#	Terms and Conditions
	<p>The Permittee shall complete the well in accordance with the attached Monitoring Well Guidance or alternative methods submitted for approval.</p> <p>Unless otherwise noted in this Discharge Permit, the requirement to install a monitoring well downgradient of a source is <u>not</u> contingent upon construction of the Facility, or discharge of wastewater from the Facility.</p> <p>[Subsection A of 20.6.2.3107 NMAC]</p>

**Groundwater Monitoring Conditions**

#	Terms and Conditions
23.	<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> <p>a) MW-1A, intended to be located 20 to 50 feet hydrologically downgradient of the sequencing batch reactor.</p> <p>The Permittee shall perform groundwater sample collection, preservation, transport, and analysis according to the following procedures.</p> <p>a) Measure the depth-to-most-shallow groundwater from the top of the well casing to the nearest one-hundredth of a foot.</p> <p>b) Purge three well volumes of water from the well prior to sample collection.</p> <p>c) Obtain samples from the well for analysis.</p> <p>d) Properly prepare, preserve, and transport samples.</p> <p>e) Analyze samples in accordance with the methods authorized in this Discharge Permit.</p> <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 and Chain of Custody for each well, to NMED in the quarterly monitoring reports.</p> <p>[Subsection A of 20.6.2.3107 NMAC]</p>
24.	<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>

#	Terms and Conditions
	<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 prior to pump placement.</p> <p>[Subsections A and D of 20.6.2.3107 NMAC]</p>

**Facility Monitoring Conditions**

#	Terms and Conditions
25.	<p>The Permittee shall on a monthly basis measure the volume of treated wastewater discharged from the treatment system to the disposal area during the period.</p> <p>To determine the discharge volume, the Permittee shall obtain readings from a totalizing flow meter located on the effluent line 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 calendar 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>
26.	<p>The Permittee shall collect samples of treated wastewater from the dosing tank during the decant cycle of the sequencing batch reactor on a quarterly basis and analyze the samples for:</p> <ul style="list-style-type: none"> <li>• TKN;</li> <li>• NO<sub>3</sub>-N;</li> <li>• TDS; and</li> <li>• Cl.</li> </ul> <p>The Permittee shall ensure the 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>

#	Terms and Conditions
27.	<p>The Permittee shall perform the following analyses on the wastewater samples collected at the dosing tank during the decant cycle of the sequencing batch reactor using the following sampling method and frequency:</p> <ul style="list-style-type: none"><li>• E. coli bacteria: grab sample at peak daily flow once per month.</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 B, C and H of 20.6.2.3109 NMAC, NMSA 1978, § 74-6-5.D]</p>
28.	<p>The Permittee shall complete LADS (copy enclosed) on a monthly basis that document the amount of nitrogen applied to the disposal 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 disposal area for each month. The Permittee shall complete the LADS with the information above or include a statement that application of treated wastewater by surface disposal did not occur. The Permittee shall submit the LADS to NMED in the quarterly monitoring reports.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>
29.	<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, once within 90 days of the issuance date of this Discharge Permit (<b>by DATE</b>) and then every other year thereafter. 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></ol>



#	Terms and Conditions
	<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>
30.	<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>
31.	<p>The Permittee shall submit records of solids disposal, including the volume of solids removed and copies of all manifests for the previous calendar year, to NMED annually in the monitoring report due by August 1<sup>st</sup> each year.</p> <p>[Subsection A of 20.6.2.3107 NMAC]</p>
32.	<p>The Permittee shall log the number of occupied RV sites at the Facility on a daily basis (one occupied site is equivalent to one “site-day”). Using the log, the Permittee shall calculate the total number of “site-days” for each month. The Permittee shall submit the total monthly “site-day” values in the quarterly monitoring reports.</p>

#	Terms and Conditions
	[Subsection A of 20.6.2.3107 NMAC]

**C. CONTINGENCY PLAN**

#	Terms and Conditions
33.	<p>In the event that groundwater monitoring indicates that groundwater exceeds a standard identified in Section 20.6.2.3103 NMAC, 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> <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>
34.	<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 or alternative methods submitted for approval, 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 or alternative methods submitted for approval. The Permittee</p>

#	Terms and Conditions
	<p>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>
35.	<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 Monitoring Well Guidance or alternative methods submitted for approval. 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>
36.	<p>In the event that the Facility exceeds the authorized discharge volume set in this Discharge Permit, the Permittee shall initiate the following Contingency Plan.</p> <p><u>Contingency Plan</u></p> <p>a) Notify NMED within seven days of the discovery of the discharge volume exceedance that the Facility exceeded the authorized discharge volume.</p>

#	Terms and Conditions
	<p>b) The Permittee shall conduct a physical inspection of the discharge system, i.e., inflow and infiltration issues, collection system failures, etc., and the totalizing flow meter 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.</p> <p>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 discharge quantity to NMED within 90 days of the discovery of the discharge 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 discharge volume increase.</p> <p>[Subsection A of 20.6.2.3107 NMAC]</p>
37.	<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> <p>a) Within 7 days of the second sample analysis date indicating exceedance of the 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> <p>b) The Permittee shall increase the frequency of total nitrogen wastewater sampling and analysis of treated wastewater to once per month.</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. The Permittee shall correct any abnormalities discovered. The Permittee shall submit a report to NMED detailing the corrections within 30 days of correction.</p> <p>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 continues to exceed the limit. The Permittee shall initiate implementation of the CAP</p>

#	Terms and Conditions
	<p>following approval by NMED.</p> <p>When analytical results from three consecutive months of wastewater sampling do not exceed the discharge limit, the Permittee may request NMED authorize a return to a quarterly monitoring frequency.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>
38.	<p>In the event that analytical results of a treated wastewater sample exceed the maximum discharge limit 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 treated wastewater sample indicate an exceedance of the 30-day average discharge limit for E. coli bacteria set by this Discharge Permit (i.e., confirmed exceedance), the Contingency Plan below shall be implemented.</p> <p><u>Contingency Plan</u></p> <ul style="list-style-type: none"><li>a) Within 48 hours of becoming aware of a confirmed exceedance (as identified above), the Permittee shall:<ul style="list-style-type: none"><li>i) notify NMED that the Permittee is implementing the Contingency Plan; and</li><li>ii) submit copies of the recent analytical results indicating an exceedance to NMED.</li></ul></li><li>b) 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>c) 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 detailing the corrections made to NMED within 30 days following correction.</li></ul> <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 CAP for NMED approval within 60 days following receipt of the analytical results confirming the exceedance. The CAP shall include a schedule for completion of corrective actions. The Permittee shall initiate implementation of the CAP following approval by NMED. NMED may require the Permittee to cease discharging to the disposal area(s) until the Permittee completes the approved corrective actions.</p>

#	Terms and Conditions
	[Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]
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 the sequencing batch reactor impoundment cannot preserve a minimum of two feet of freeboard in the sequencing batch reactor impoundment, the Permittee shall take actions to restore the required freeboard as authorized by this Discharge Permit and all applicable local, state, and federal regulations.</p> <p>In the event that two feet of freeboard cannot be restored within a period of 72 hours following discovery, the Permittee shall propose actions to restore two feet of freeboard by submitting a short-term CAP to NMED for approval. Examples of short-term corrective actions include the pumping and hauling of excess wastewater from the impoundment or reducing the volume of wastewater discharged to the impoundment. The Permittee shall ensure the CAP includes a schedule for completion of corrective actions. The Permittee shall submit the CAP within 15 days following the date the Permittee or the NMED discover the exceedance. The Permittee shall implement the CAP following NMED approval.</p> <p>In the event that the short-term corrective actions fail to restore two feet of freeboard, the Permittee shall submit to NMED a proposal for permanent corrective actions in a long-term CAP. The Permittee shall submit the long-term CAP within 90 days following failure of the short-term CAP. Examples of 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>
41.	<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</p>

#	Terms and Conditions
	<p>shall propose the reduction of nitrogen loading to the disposal 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 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>
42.	<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"><li>a) The name, address, and telephone number of the person or persons in charge of the Facility, as well as of the owner and/or operator of the Facility.</li><li>b) The name and address of the Facility.</li><li>c) The date, time, location, and duration of the unauthorized discharge.</li><li>d) The source and cause of unauthorized discharge.</li><li>e) A description of the unauthorized discharge, including its estimated chemical composition.</li><li>f) The estimated volume of the unauthorized discharge.</li><li>g) Any actions taken to mitigate immediate damage from the unauthorized discharge.</li></ul> <p>Within <u>one week</u> following discovery of the unauthorized discharge, the Permittee shall submit written notification to NMED providing the information listed above and any pertinent updates.</p> <p>Within <u>15 days</u> following discovery of the unauthorized discharge, the Permittee shall submit a 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>

#	Terms and Conditions
	<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>
43.	<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
44.	<p>Within 60 days of the issuance date of this Discharge Permit (<b>by DATE</b>), the Permittee shall commence the following closure measures on the former extended aeration treatment system.</p> <ul style="list-style-type: none"> <li>a) Temporarily plug all lines leading to and from the former extended aeration treatment system.</li> <li>b) Evaporate or drain all wastewater from the former extended aeration treatment system and any other wastewater system component and dispose of it in accordance with all local, state, and federal regulations or discharge remaining wastewater from the former extended aeration treatment system to the disposal area, as authorized by this Discharge Permit. The discharge of accumulated solids (sludge) from the impoundment to the disposal area is prohibited.</li> </ul>



#	Terms and Conditions
	<p>Within <u>120 days</u> of ceasing to discharge to the former extended aeration treatment system, the Permittee shall submit a sludge removal and disposal plan to NMED for approval. The sludge removal and disposal plan shall include the following information.</p> <ol style="list-style-type: none"> <li>a) The estimated volume and dry weight of sludge planned to be removed and disposed of, including measurements and calculations.</li> <li>b) Laboratory analytical data results for samples of the sludge taken from the former extended aeration treatment system for TKN, NO<sub>3</sub>-N, percent total solids, and any other parameters tested (reported in mg/kg, dry weight basis).</li> <li>c) The method(s) of sludge <i>removal</i> from the former extended aeration treatment system.</li> <li>d) The method(s) of <i>disposal</i> for all of the sludge (and its contents) removed from the former extended aeration treatment system. The method(s) 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></li> <li>e) A schedule for completion of sludge removal and disposal not to exceed two years from the date discharge to the former extended aeration treatment system ceased.</li> </ol> <p>The Permittee shall initiate implementation of the plan within 30 days following approval by NMED.</p> <p>Within <u>one year</u> following completion of the sludge removal and disposal, the Permittee shall complete the following closure measures for the former extended aeration treatment system.</p> <ol style="list-style-type: none"> <li>a) Remove all lines leading to and from the former extended aeration treatment system, or permanently plug and abandon them in place.</li> <li>b) Fill the former extended aeration treatment system with suitable fill.</li> <li>c) Re-grade the former extended aeration treatment system site to blend with surface topography, promote positive drainage and prevent ponding.</li> </ol> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection D of 20.6.2.4103 NMAC, 40 CFR Part 503]</p>
45.	<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 well.</p> <ol style="list-style-type: none"> <li>a) MW-01, located 50 feet downgradient of the former lagoon associated with the former extended aeration system.</li> </ol>

#	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>
46.	<p>Within one year of the issuance date of this Discharge Permit (<b>by DATE</b>), the Permittee shall commence the following closure measures on the former emergency overflow tank.</p> <ol style="list-style-type: none"> <li>a) Cease discharging to the former emergency overflow tank.</li> <li>b) Temporarily plug all lines leading to and from the former emergency overflow tank.</li> <li>c) Evaporate or drain all wastewater from the former emergency overflow tank and any other wastewater system component and dispose of it in accordance with all local, state, and federal regulations or discharge remaining wastewater from the former emergency overflow tank to the disposal area, as authorized by this Discharge Permit. The discharge of accumulated solids (sludge) from the former emergency overflow tank to the disposal area is prohibited.</li> </ol> <p>Within <u>90 days</u> of ceasing to discharge to the emergency overflow tank, the Permittee shall submit a sludge removal and disposal plan to NMED for approval. The sludge removal and disposal plan shall include the following information.</p> <ol style="list-style-type: none"> <li>a) The estimated volume and dry weight of sludge planned to be removed and disposed of, including measurements and calculations.</li> <li>b) Laboratory analytical data results for samples of the sludge taken from the former emergency overflow tank for TKN, NO<sub>3</sub>-N, percent total solids, and any other parameters tested (reported in mg/kg, dry weight basis).</li> <li>c) The method(s) of sludge <i>removal</i> from the former emergency overflow tank.</li> <li>d) The method(s) of <i>disposal</i> for all of the sludge (and its contents) removed from the former emergency overflow tank. The method(s) 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></li> <li>e) A schedule for completion of sludge removal and disposal not to exceed two years from the date discharge to the former emergency overflow tank ceased.</li> </ol>

#	Terms and Conditions
	<p>The Permittee shall initiate implementation of the plan within 30 days following approval by NMED.</p> <p>Within <u>one year</u> following completion of the sludge removal and disposal, the Permittee shall complete the following closure measures for the former emergency overflow tank.</p> <ul style="list-style-type: none"> <li>a) Remove all lines leading to and from the former emergency overflow tank, or permanently plug and abandon them in place.</li> <li>b) Fill the former emergency overflow tank with suitable fill and re-grade the area with suitable fill to blend with surface topography to promote positive drainage and prevent ponding or dispose of the former emergency overflow tank off-site in accordance with all local, state, and federal regulations.</li> </ul> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection D of 20.6.2.4103 NMAC, 40 CFR Part 503]</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> <ul style="list-style-type: none"> <li>a) Plug the line leading to the system so that a discharge can no longer occur.</li> <li>b) Evaporate wastewater in the system components or drain and dispose of in accordance with all local, state, and federal regulations, or discharge from the system to the disposal area as authorized by this Discharge Permit. The discharge of accumulated solids (sludge) to the disposal area 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> </ul> <p>Within <u>180 days</u> of ceasing to discharge to the treatment system (or unit), the Permittee shall complete the following closure measures.</p> <ul style="list-style-type: none"> <li>a) Remove all lines leading to and from the treatment system, or permanently plug and abandon them in place.</li> <li>b) Remove or demolish all treatment system components, and re-grade the area with suitable fill to blend with surface topography, promote positive drainage and prevent ponding.</li> <li>c) Perforate or remove the impoundment liner(s); fill the impoundment(s) with suitable</li> </ul>

#	Terms and Conditions
	<p>fill; and re-grade the impoundment site(s) to blend with surface topography, promote positive drainage and prevent ponding.</p> <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-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 well(s) 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> </ul>

#	Terms and Conditions
	<ul style="list-style-type: none"> <li>• Copies of logs, inspection reports, and monitoring reports completed and/or submitted to NMED pursuant to this Discharge Permit;</li> <li>• The volume of wastewater or other wastes discharged pursuant to this Discharge Permit;</li> <li>• Groundwater quality and wastewater quality data collected pursuant to this Discharge Permit;</li> <li>• Copies of construction records (well log) for all sampled groundwater monitoring wells pursuant to this Discharge Permit;</li> <li>• The maintenance, repair, replacement or calibration of any monitoring equipment or flow measurement devices required by this Discharge Permit; and</li> <li>• Data and information related to field measurements, sampling, and analysis conducted pursuant to this Discharge Permit, including:                         <ul style="list-style-type: none"> <li>○ the dates, location and times of sampling or field measurements;</li> <li>○ the name and job title of the individuals who performed each sample collection or field measurement;</li> <li>○ the sample analysis date of each sample;</li> <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</p>

#	Terms and Conditions
	<p>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>
51.	<p><b>DUTY to PROVIDE INFORMATION</b> - 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><b>MODIFICATIONS and/or AMENDMENTS</b> – 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><b>PLANS and SPECIFICATIONS</b> – 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>

#	Terms and Conditions
	[Subsections A and C of 20.6.2.1202 NMAC, NMSA 1978, §§ 61-23-1 through 61-23-32]
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 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>CRIMINAL PENALTIES – No person shall:</p> <ul style="list-style-type: none"> <li>• Make any false material statement, representation, certification or omission of material fact in an application, record, report, plan or other document filed, submitted or maintained under the WQA;</li> <li>• Falsify, tamper with or render inaccurate any monitoring device, method or record maintained under the WQA; or</li> <li>• Fail to monitor, sample or report as required by a permit issued pursuant to a state or federal law or regulation.</li> </ul> <p>Any person who knowingly violates or knowingly causes or allows another person to violate the requirements of this condition is guilty of a fourth-degree felony and shall be sentenced in accordance with the provisions of NMSA 1978, § 31-18-15. Any person who is convicted of a second or subsequent violation of the requirements of this condition is guilty of a third-degree felony and shall be sentenced in accordance with the provisions of NMSA 1978, § 31-18-15. Any person who knowingly violates the requirements of this condition or knowingly causes another person to violate the requirements of this condition and thereby causes a substantial adverse environmental impact is guilty of a third-degree felony and shall be sentenced in accordance with the provisions of NMSA 1978, § 31-18-15. Any person who knowingly violates the requirements of this condition and knows at the time of the violation that he is creating a substantial danger of death</p>

#	Terms and Conditions
	<p>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>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>
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>



#	Terms and Conditions
	<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>

draft



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

### Facility Information

<b>Facility Name</b>	Eileen Acres Service Corporation
<b>Discharge Permit Number</b>	DP-398
<b>Legally Responsible Party</b>	Eileen Acres Service Corporation James D. Wimberly, Vice-President/Manager 212 Alamo Street Alamogordo, NM 88310 (575) 415-3887

### Treatment, Disposal and Site Information

<b>Primary Waste Type</b>	Domestic
<b>Facility Type</b>	Community Wastewater Treatment

#### Treatment Methods

Type	Designation	Description & Comments
Screen	Influent Auger Screen	3 mm perforated stainless steel auger screen. Capacity of up to 65 gallons per minute.
Lift Station	Influent Lift Station	750-gallon capacity lift station with two Liberty two horsepower pumps.
Holding Tank	Pre-React Tank	10,000-gallon HDPE tank.
Sequencing Batch Reactor	CF-SBR Plant	85,000-gallon capacity 60 mil HDPE synthetically lined impoundment. Equipped with two 10 HP blowers and fine bubble diffusers to provide big bubble mixing for anoxic cycles. Two decant pumps deliver effluent to disinfection unit.
Disinfection unit	Dosing Tank	3,000-gallon chlorine contact chamber with two effluent pumps.
Holding Tank	Sludge Tank	10,000-gallon HDPE tank to hold wasted sludge.
Sludge Drying Bed	Sludge Drying Bed #1	3,500-gallon capacity sludge bed synthetically lined with 45 mil EPDM-R. Filtrate drains back to SBR.
Sludge Drying Bed	Sludge Drying Bed #2	8,000-gallon capacity sludge bed synthetically lined with 45 mil EPDM-R. Filtrate drains back to SBR.

#### Discharge Locations

Type	Designation	Description & Comments
Disposal Area	Southernmost 3-acres of the Green Belt	A 3-acre disposal area where treated wastewater is discharged. The disposal area is traversed by channels which divide the disposal area into fields. Each field is surrounded by berms to prevent the run-on and run-off of surface water between the fields and channels.



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

**Flow Metering Locations**

Type	Designation	Description & Comments
Totalizing Flow Meter	Effluent meter	SeaMetrics WMP101-200-GMP/GT Electromagnetic meter located on effluent line after CF-SRB Plant

**Ground Water Monitoring Locations**

Type	Designation	Description & Comments
Monitoring Well	MW-1A	Intended to be located 20 to 50 feet hydrologically downgradient of the sequencing batch reactor

**Depth-to-Ground Water** 230 feet  
**Total Dissolved Solids (TDS)** 2000 mg/L

**Permit Information**

**Original Permit Issued** September 10, 1986  
**Permit Renewal** April 10, 1992  
**Permit Renewal** June 6, 1997  
**Permit Renewal** July 29, 2003  
**Permit Renewal** April 22, 2011  
**Permit Renewal** February 15, 2017

**Current Action** **Renewal**  
 Application Received July 21, 2022  
 Public Notice Published [not yet published]  
 Permit Issued (Issuance Date) [issuance date]  
 Permitted Discharge Volume 41,310 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** Lochlin Farrell  
**Lead Staff Telephone Number** (505) 660-8061  
**Lead Staff Email** [Lochlin.Farrell@env.nm.gov](mailto:Lochlin.Farrell@env.nm.gov) or [pps.general@env.nm.gov](mailto:pps.general@env.nm.gov)