

GROUND WATER DISCHARGE PERMIT
Stone House Lodge LLC, DP- 1743

I. INTRODUCTION

The New Mexico Environment Department (NMED) issues this Discharge Permit (Discharge Permit), DP-1743, to Stone House Lodge LLC (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) 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 Stone House Lodge LLC (facility) into ground and surface water, so as to protect ground and surface water for present and potential future use as domestic and agricultural water supply and other uses and protect public health. In issuing this Discharge Permit, NMED has determined that the requirements of Subsection C of 20.6.2.3109 NMAC have been or will be met.

The activities which produce the discharge, the location of the discharge, and the quantity, quality and flow characteristics of the discharge are briefly described as follows:

Up to 3,310 gallons per day (gpd) of domestic wastewater is received and treated using a treatment system consisting of equalization tanks and a sand filter. Treated wastewater is then discharged to a ½ acre subsurface irrigation system.

The discharge contains water contaminants which may be elevated above the standards of Section 20.6.2.3103 NMAC and/or the presence of toxic pollutants as defined in Subsection WW of 20.6.2.7 NMAC.

The facility is located at 1409 Heron Lake Road, Highway 95, approximately 10 miles southwest of Rutherford, in projected Section 20, Township 28N, Range 2E of the Tierra Amarilla Land Grant, Rio Arriba County. Ground water most likely to be affected is at a depth of approximately 600 feet and has a total dissolved solids concentration of approximately 1,560-5,160 milligrams per liter.

The permittee's application consists of the materials submitted by Tierra West LLC on behalf of the permittee dated January 19, 2010 and materials contained in the administrative record prior to issuance of this Discharge Permit. The discharge shall be managed in accordance with all conditions and requirements of this Discharge Permit.

Pursuant to Section 20.6.2.3109 NMAC, NMED reserves the right to require a Discharge Permit Modification in the event NMED determines that the requirements of 20.6.2 NMAC are being or may be violated or the standards of Section 20.6.2.3103 NMAC are being or may be violated. This may include a determination that structural controls and/or management practices approved under this Discharge Permit are not protective of ground water quality, and that more stringent requirements to protect ground water quality may be required by NMED. The permittee may be required to implement abatement of water pollution and remediate ground water quality.

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.

The following acronyms and abbreviations may be used in this Discharge Permit:

Abbreviation	Explanation	Abbreviation	Explanation
BOD ₅	biochemical oxygen demand (5-day)	NTU	nephelometric turbidity units
CFR	Code of Federal Regulations	Org	organisms
Cl	chloride	TDS	total dissolved solids
EPA	United States Environmental Protection Agency	TKN	total Kjeldahl nitrogen
gpd	gallons per day	total nitrogen	TKN+NO ₃ -N
LADS	land application data sheet(s)	TRC	Total Residual Chlorine
mg/L	milligrams per liter	TSS	total suspended solids
mL	milliliters	UPC	Uniform Plumbing Code
NMAC	New Mexico Administrative Code	WQA	New Mexico Water Quality Act
NMED	New Mexico Environment Department	WQCC	Water Quality Control Commission
NMSA	New Mexico Statutes Annotated	WWTF	Wastewater Treatment Facility
NO ₃ -N	nitrate-nitrogen		

II. FINDINGS

In issuing this Discharge Permit, NMED finds:

1. The permittee is discharging effluent or leachate from the facility so that such effluent or leachate may move directly or indirectly into ground water within the meaning of Section 20.6.2.3104 NMAC.
2. The permittee is discharging effluent or leachate from the facility so that such effluent or leachate may move into ground water of the State of New Mexico which has an existing concentration of 10,000 milligrams per liter or less of total dissolved solids within the meaning of Subsection A of 20.6.2.3101 NMAC.
3. The discharge from the facility is not subject to any of the exemptions of Section 20.6.2.3105 NMAC.

III. AUTHORIZATION TO DISCHARGE

The permittee is authorized to receive and treat up to 3,310 gpd of domestic wastewater using an equalization tank and sand filter treatment system. The permittee is authorized to discharge treated wastewater to a ½ acre subsurface irrigation system. [20.6.2.3104 NMAC, Subsection C of 20.6.2.3106 NMAC, Subsection C of 20.6.2.3109 NMAC]

The permittee is authorized to discharge water contaminants subject to the following conditions:

IV. CONDITIONS

The conditions of this Discharge Permit shall be complied with by the permittee and are enforceable by NMED.

A. OPERATIONAL PLAN

#	Terms and Conditions
1.	The permittee shall implement the following operational plan to ensure compliance with Title 20, Chapter 6, Parts 1 and 2 NMAC. [NMSA 1978, § 74-6-5.D, Subsections B and C of 20.6.2.3109 NMAC]
2.	The permittee shall operate in a manner such that standards and requirements of Sections 20.6.2.3101 and 20.6.2.3103 NMAC are not violated. [20.6.2.3101 NMAC, 20.6.2.3103 NMAC, Subsections B and C of 20.6.2.3109 NMAC]

Operational Actions with Implementation Deadlines

#	Terms and Conditions
3.	Within 270 days following the effective date of this Discharge Permit (by DATE), the permittee shall complete construction of the treatment system in accordance with the final construction plans and specifications submitted to NMED (dated March 22, 2011 by the professional engineer of record). The permittee shall notify NMED at the commencement of construction to allow NMED personnel to be onsite for inspection during construction. The permittee shall submit record drawings that bear the seal and signature of a licensed New Mexico professional engineer (pursuant to the New Mexico Engineering and Surveying Practice Act and the rules promulgated under that authority) for the constructed treatment system to NMED within 30 days of completion. [NMSA 1978, § 74-6-5.D, Subsection B of 20.6.2.3109 NMAC, 20.6.2.1202 NMAC, NMSA 1978, §§ 61-23-1 through 61-23-32]
4.	Within 270 days following the effective date of this Discharge Permit (by DATE), the permittee shall install fences around the wastewater treatment facility to control 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. Fences and shall be maintained throughout the term of this Discharge Permit. [NMSA 1978, § 74-6-5.D, Subsection B of 20.6.2.3109 NMAC]
5.	Within 270 days of the effective date of this Discharge Permit (by DATE), the permittee shall post signs indicating that the wastewater at the facility is not potable. Signs shall be posted at the facility entrance and other areas where there is potential for public contact

	with wastewater. All signs shall be printed in English and Spanish and shall remain visible and legible for the term of this Discharge Permit. [NMSA 1978, § 74-6-5.D, Subsection B of 20.6.2.3109 NMAC]
--	---

Operating Conditions

#	Terms and Conditions
6.	Treated wastewater discharged after final treatment and just before the subsurface irrigation area shall not exceed the following limitation: Total Nitrogen: 20 mg/L [NMSA 1978, § 74-6-5.D, Subsections B and C of 20.6.2.3109 NMAC]
7.	The permittee shall discharge treated wastewater to the 1/2 acre subsurface irrigation system such that the amount of total nitrogen applied does not exceed 200 pounds per acre in any 12-month period. Nitrogen content shall not be adjusted to account for volatilization or mineralization processes. Wastewater shall be distributed evenly throughout the entire disposal area. [NMSA 1978, § 74-6-5.D, Subsections B and C of 20.6.2.3109 NMAC]
8.	The permittee shall visually inspect the area above the subsurface irrigation system semi-annually to ensure proper maintenance. Any conditions that indicate damage to the subsurface irrigation system shall be corrected. Such conditions include, but are not limited to erosion damage, animal activity/damage, or evidence of seepage. The permittee shall keep a log of the inspection findings and repairs. The log shall be made available to NMED upon request. In the event of a failure of the subsurface irrigation system, the permittee shall enact the contingency plan set forth in this Discharge Permit. [NMSA 1978, § 74-6-5.D, Subsection B of 20.6.2.3109 NMAC]
9.	The permittee shall inspect the five septic tanks (ST-01, ST-02, ST-03, ST-04 and ST-05) semi-annually for the accumulation of scum and solids. In the event that the scum layer exceeds three inches or the settled solids occupy 50% or more of the tank volume, the contents of the tank(s) shall be pumped by a licensed hauler. The permittee shall maintain a record of solids removal and disposal, including date, volume of solids removed, and method of disposal. [NMSA 1978, § 74-6-5.D, Subsection B of 20.6.2.3109 NMAC]
10.	The permittee shall utilize operators, certified by the State of New Mexico at the appropriate level, to operate the wastewater collection, treatment and disposal systems. The operations and maintenance of all or any part of the wastewater system shall be performed by, or under the direct supervision of, a certified operator.

[NMSA 1978, § 74-6-5.D, Subsection B of 20.6.2.3109 NMAC, 20.7.4 NMAC]
--

B. MONITORING AND REPORTING

#	Terms and Conditions
11.	<p>The permittee shall conduct the following monitoring, reporting, and other requirements listed below in accordance with the monitoring requirements of this Discharge Permit.</p> <p>[NMSA 1978, § 74-6-5.D, Subsections B and C of 20.6.2.3109 NMAC, 20.6.2.3107 NMAC]</p>
12.	<p>METHODOLOGY – Unless otherwise approved in writing by NMED, the permittee shall conduct sampling and analysis in accordance with the most recent edition of the following documents:</p> <ul style="list-style-type: none"> a) American Public Health Association, Standard Methods for the Examination of Water and Wastewater (18th, 19th or current) b) U.S. Environmental Protection Agency, Methods for Chemical Analysis of Water and Waste c) U.S. Geological Survey, Techniques for Water Resources Investigations of the U.S. Geological Survey d) American Society for Testing and Materials, Annual Book of ASTM Standards, Part 31. Water e) U.S. Geological Survey, et al., National Handbook of Recommended Methods for Water Data Acquisition f) Federal Register, latest methods published for monitoring pursuant to Resource Conservation and Recovery Act regulations g) Methods of Soil Analysis: Part 1. Physical and Mineralogical Methods; Part 2. Microbiological and Biochemical Properties; Part 3. Chemical Methods, American Society of Agronomy <p>[Subsection B of 20.6.2.3107 NMAC]</p>
13.	<p>The permittee shall submit quarterly monitoring reports to NMED for the most recently completed quarterly period by the 1st of February, May, August and November each year.</p> <p>Quarterly monitoring shall be performed during the following periods and submitted as follows:</p> <ul style="list-style-type: none"> January 1st through March 31st (first quarter) – due by May 1st April 1st through June 30th (second quarter) – due by August 1st July 1st through September 30th (third quarter) – due by November 1st October 1st through December 31st (fourth quarter) – due by February 1st <p>Monitoring requirements detailed in this Discharge Permit are summarized on the sheet titled <i>Summary of Required Actions, Monitoring and Reporting</i>.</p> <p>[NMSA 1978, § 74-6-5.D, Subsections B and C of 20.6.2.3109 NMAC, Subsection A of 20.6.2.3107 NMAC]</p>

Monitoring Actions with Implementation Deadlines

#	Terms and Conditions
14.	<p>Within 270 days following the effective date of this Discharge Permit (by DATE), the permittee shall install the following flow meter:</p> <p>a) One totalizing flow meter installed on the discharge line from the treatment system to the subsurface irrigation system to measure the volume of treated wastewater discharged to the subsurface irrigation system.</p> <p>Confirmation of meter installation, type, calibration and locations shall be submitted to NMED within 30 days of completed installation.</p> <p>[NMSA 1978, § 74-6-5.D, Subsections B and C of 20.6.2.3109 NMAC]</p>

Facility Monitoring Conditions

#	Terms and Conditions
15.	<p>The permittee shall measure the monthly volume of treated wastewater discharged from the treatment system to the subsurface irrigation system. The permittee shall obtain readings from a totalizing flow meter located on the transfer line between the treatment system and the subsurface irrigation system on a monthly basis and calculate the monthly and average daily discharge volume. The monthly volume discharged shall be used on the LADS to calculate nitrogen loading.</p> <p>The monthly meter readings, and calculated monthly and average daily discharge volumes shall be submitted to NMED in the quarterly monitoring reports.</p> <p>[NMSA 1978, § 74-6-5.D, Subsections B and C of 20.6.2.3109 NMAC]</p>
16.	<p>All flow meters shall be capable of having their accuracy ascertained under actual working (field) conditions. A field calibration method shall be developed for each flow meter and that method shall be used to check the accuracy of each respective meter. Field calibrations shall be performed upon repair or replacement of a flow measurement device and, at a minimum, once within 90 days of the effective date of this Discharge Permit (by DATE).</p> <p>Flow meters shall be calibrated to within plus or minus 10 percent of actual flow, as measured under field conditions. Field calibrations shall be performed by an individual knowledgeable in flow measurement and in the installation/operation of the particular device in use. A flow meter calibration report shall be prepared for each flow measurement device at the frequency calibration is required. The flow meter calibration report shall include the following information:</p> <p>a) The location and meter identification.</p> <p>b) The method of flow meter field calibration employed.</p> <p>c) The measured accuracy of each flow meter prior to adjustment indicating the positive</p>

	<p>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>The permittee shall submit the results of flow meter field calibrations to NMED in the next monitoring report due following completion of the calibration(s).</p> <p>[NMSA 1978, § 74-6-5.D, Subsections B and C of 20.6.2.3109 NMAC]</p>
17.	<p>The permittee shall visually inspect flow meters on a monthly basis for evidence of malfunction. 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>[NMSA 1978, § 74-6-5.D, Subsections B and C of 20.6.2.3109 NMAC]</p>
18.	<p>The permittee shall collect a sample of treated wastewater after final treatment and just before discharge to the subsurface irrigation area on a quarterly basis and analyze the samples for TKN, NO₃-N, TDS and Cl. Samples shall be properly prepared, preserved, transported and analyzed in accordance with the methods authorized in this Discharge Permit. Analytical results shall be submitted to NMED in the quarterly monitoring reports.</p> <p>[NMSA 1978, § 74-6-5.D, Subsections B and C of 20.6.2.3109 NMAC, Subsection A of 20.6.2.3107 NMAC]</p>
19.	<p>The permittee shall complete land application data sheets (LADS) on a monthly basis that document the amount of nitrogen applied to the subsurface irrigation system during the most recent 12 months. The LADS (copy enclosed) shall reflect the nitrogen concentration (TKN and NO₃-N) from the most recent wastewater analysis and the measured discharge volumes to the subsurface irrigation system for each month. The LADS, or a statement that the discharge of wastewater did not occur, shall be submitted to NMED in the quarterly monitoring reports.</p> <p>[NMSA 1978, § 74-6-5.D, Subsection B of 20.6.2.3109 NMAC, Subsection A of 20.6.2.3107 NMAC]</p>
20.	<p>The permittee shall submit all records of solids removal and disposal to NMED in the quarterly monitoring reports.</p> <p>[NMSA 1978, § 74-6-5.D, Subsection B of 20.6.2.3109 NMAC, Subsection A of 20.6.2.3107 NMAC]</p>

21.	<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 total monthly “site-day” values shall be submitted in the quarterly monitoring reports.</p> <p>[NMSA 1978, § 74-6-5.D, Subsection B of 20.6.2.3109 NMAC]</p>
-----	--

C. CONTINGENCY PLAN

#	Terms and Conditions
22.	<p>In the event that a ground water quality standard in Section 20.6.2.3103 NMAC is exceeded; the total nitrogen concentration in ground water is greater than 10 mg/L; or a toxic pollutant (defined in Subsection WW of 20.6.2.7 NMAC) is present in ground water during the term of this Discharge Permit, upon closure of the facility or during the implementation of post-closure requirements, the permittee shall propose measures to mitigate damage from the discharge including, at a minimum, source control measures and a completion schedule by submitting a corrective action plan to NMED for approval. The permittee may be required to abate water pollution pursuant to Sections 20.6.2.4000 through 20.6.2.4115 NMAC, should the corrective action plan not result in compliance with the standards and requirements set forth in Section 20.6.2.4103 NMAC within 180 days of confirmation of ground water contamination.</p> <p>[NMSA 1978, § 74-6-5.D, Subsection B of 20.6.2.3109 NMAC, Subsection A of 20.6.2.3107 NMAC]</p>
23.	<p>In the event that analytical results of a quarterly treated wastewater sample indicate an exceedance of the total nitrogen limitation set in this Discharge Permit, the permittee shall collect and analyze a second sample within 30 days of the first sample analysis date. In the event the second sample results indicate that the limitation is continuing to be exceeded, the following contingency plan shall be enacted:</p> <ol style="list-style-type: none"> a) Within 15 days of the second sample analysis date indicating that the limitation is continuing to be exceeded, the permittee shall <ol style="list-style-type: none"> i) notify NMED that the contingency plan is being enacted; and ii) submit a copy of the first and second analytical results indicating an exceedance to NMED. b) The permittee shall increase the frequency of total nitrogen wastewater sampling and analysis of treated wastewater to once per month. c) The permittee shall examine the operation and maintenance log, required by the Record Keeping conditions of this Discharge Permit, for improper operational procedures. d) The permittee shall conduct a physical inspection of the treatment system to detect abnormalities. Any abnormalities discovered shall be corrected. A report detailing the corrections made shall be submitted to NMED within 30 days of correction. e) In the event that any analytical results from monthly wastewater sampling indicate an exceedance of the total nitrogen limitation, the permittee shall propose to modify operational procedures and/or upgrade the treatment process to achieve the total nitrogen limit by submitting a corrective action plan to NMED for approval. The plan

	<p>shall include a schedule for completion of corrective actions and shall be submitted within 90 days of the second sample analysis date indicating that the limitation is continuing to be exceeded. The permittee shall initiate implementation of the plan following approval by NMED.</p> <p>When analytical results from three consecutive months of wastewater sampling do not exceed the limitation, the permittee is authorized to return to a quarterly monitoring frequency.</p> <p>[NMSA 1978, § 74-6-5.D, Subsection B of 20.6.2.3109 NMAC, Subsection A of 20.6.2.3107 NMAC]</p>
24.	<p>In the event that the LADS show that the amount of nitrogen in wastewater applied in any 12-month period exceeds 200 pounds per acre, the permittee shall propose the reduction of nitrogen loading to the subsurface irrigation system by submitting a corrective action plan to NMED for approval. The plan shall include a schedule for completion of corrective actions and shall be submitted within 90 days following the end of the monitoring period in which the exceedance occurred. The permittee shall initiate implementation of the plan following approval by NMED.</p> <p>[NMSA 1978, § 74-6-5.D, Subsection B of 20.6.2.3109 NMAC, Subsection A of 20.6.2.3107 NMAC]</p>
25.	<p>In the event that an inspection of the subsurface irrigation system reveals failure, the following contingency plan shall be enacted:</p> <ol style="list-style-type: none"> a) Within 24 hours following the discovered failure, the permittee shall implement the following measures: <ol style="list-style-type: none"> i) Notify NMED of the failure in accordance with the notification requirements described in the Contingency Plan for unauthorized releases (spills). ii) Restrict public access to the area. b) The permittee shall conduct a physical inspection of the treatment and disposal system to identify additional potential failures. c) The permittee shall propose actions to address the failure and methods of correction by submitting a corrective action plan to NMED for approval within 15 days following the discovered failure. The corrective action plan shall include a schedule for completion of corrective actions and the permittee shall initiate implementation of the plan following approval by NMED. <p>[NMSA 1978, § 74-6-5.D, Subsection B of 20.6.2.3109 NMAC, Subsection A of 20.6.2.3107 NMAC]</p>
26.	<p>In the event that a release (commonly known as a “spill”) occurs that is not authorized under this Discharge Permit, the permittee shall initiate the notifications and corrective actions required in Section 20.6.2.1203 NMAC and summarized below.</p> <p>Within <u>24 hours</u> following discovery of the unauthorized discharge, the permittee shall verbally notify NMED and provide the following information:</p> <ol style="list-style-type: none"> a) The name, address, and telephone number of the person or persons in charge of the

	<p>facility, as well as of the owner and/or operator of the facility.</p> <ul style="list-style-type: none">b) The name and address of the facility.c) The date, time, location, and duration of the unauthorized discharge.d) The source and cause of unauthorized discharge.e) A description of the unauthorized discharge, including its estimated chemical composition.f) The estimated volume of the unauthorized discharge.g) Any actions taken to mitigate immediate damage from the unauthorized discharge. <p>Within <u>one week</u> following discovery of the unauthorized discharge, the permittee shall submit written notification to NMED with information requested listed above.</p> <p>Within <u>15 days</u> following discovery of the unauthorized discharge, the permittee shall submit a corrective action plan to NMED describing any corrective actions taken and/or to be taken relative to the unauthorized discharge that includes the following:</p> <ul style="list-style-type: none">a) A description of proposed actions to mitigate damage from the unauthorized discharge.b) A description of proposed actions to prevent future unauthorized discharges of this nature.c) A schedule for completion of proposed actions. <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, the permittee may be required to abate water pollution pursuant to Sections 20.6.2.4000 through 20.6.2.4115 NMAC.</p> <p>Nothing in this condition shall be construed as relieving the permittee of the obligation to comply with all requirements of Section 20.6.2.1203 NMAC.</p> <p>[NMSA 1978, § 74-6-5.D, Subsection B of 20.6.2.3109 NMAC, 20.6.2.1203 NMAC]</p>
27.	<p>In the event that NMED or the permittee identifies any failures of the discharge plan or this Discharge Permit not specifically noted herein, NMED may require the permittee to submit a corrective action plan and a schedule for completion of corrective actions to address the failure(s). Additionally, NMED may require a Discharge Permit modification to achieve compliance with 20.6.2 NMAC.</p> <p>[NMSA 1978, § 74-6-5.D, Subsections B and E of 20.6.2.3109 NMAC, Subsection A of 20.6.2.3107NMAC]</p>

D. CLOSURE PLAN

Closure Actions with Implementation Deadlines

#	Terms and Conditions
28.	<p>Within 270 days of the effective date of this Discharge Permit (by DATE), the permittee shall cease discharging to the lagoon system, plug all lines leading to the lagoon system and drain and/or evaporate wastewater from the impoundment and any associated components of the system and dispose of it in accordance with all local, state and federal regulations (including 40 CFR Part 503).</p> <p>Within <u>90 days</u> of ceasing discharging to the impoundment, the permittee shall submit a sludge removal and disposal plan to NMED for approval. The permittee shall initiate implementation of the plan within 30 days following approval by NMED. The sludge removal and disposal plan shall include the following:</p> <ol style="list-style-type: none"> a) The estimated volume and dry weight of sludge to be removed and disposed, including measurements and calculations. b) Analytical results for samples of the sludge taken from the impoundment for TKN, NO₃-N, percent total solids, and any other parameters tested (reported in mg/kg, dry weight basis). c) The method(s) of sludge <i>removal</i> from the impoundment. d) The method(s) of <i>disposal</i> for all of the sludge (and its contents) removed from the impoundment. The method(s) shall comply with all local, state and federal regulations. <i>Note: A proposal that includes the surface disposal of sludge may be subject to Ground Water Discharge Permitting requirements pursuant to 20.6.2.3104 NMAC that are separate from the requirements of this Discharge Permit.</i> e) A schedule for completion of sludge removal and disposal not to exceed two years from the date discharge to the impoundment ceased. <p>Within <u>one year</u> following completion of the sludge removal and disposal, the permittee shall complete the following closure measures for the impoundment:</p> <ol style="list-style-type: none"> a) Remove all lines leading to and from the impoundment. b) Perforate or remove the impoundment liner. c) Fill the impoundment with suitable fill. d) Re-grade the impoundment site to blend with surface topography, promote positive drainage and prevent ponding. <p>[NMSA 1978, § 74-6-5.D, Subsection B of 20.6.2.3109 NMAC, Subsection A of 20.6.2.3107 NMAC, 40 CFR Part 503]</p>

Permanent Facility Closure Conditions

#	Terms and Conditions
29.	<p>In the event a facility is proposed to be permanently closed, upon ceasing discharging, the permittee shall perform the following closure measures:</p>

	<p>Within <u>90 days</u> of ceasing discharging to the treatment system, the permittee shall complete the following closure measures:</p> <ol style="list-style-type: none"> a) The line leading to the system shall be plugged so that a discharge can no longer occur. b) Wastewater shall be drained from the system components and it shall be disposed of in accordance with all local, state, and federal regulations, including 40 CFR Part 503. c) Solids removed from the treatment system shall be contained, transported, and disposed of in accordance with all local, state, and federal regulations. The permittee shall maintain a record of all solids transported for off-site disposal. <p>Within <u>180 days</u> of ceasing discharging to the treatment system, the permittee shall complete the following closure measures:</p> <ol style="list-style-type: none"> a) Remove all lines leading to and from the treatment system. b) Remove or demolish all treatment system components, and re-grade area with suitable fill to blend with surface topography, promote positive drainage and prevent ponding. <p>When all closure and post-closure requirements have been met, the permittee may submit a written request for termination of the Discharge Permit to NMED.</p> <p>[NMSA 1978, § 74-6-5.D, Subsection B of 20.6.2.3109 NMAC, Subsection A of 20.6.2.3107 NMAC, 40 CFR Part 503]</p>
--	--

E. GENERAL TERMS AND CONDITIONS

#	Terms and Conditions
30.	<p>RECORD KEEPING - The permittee shall maintain a written record at the facility of the following information:</p> <ol style="list-style-type: none"> a) Information and data used to complete the application for this Discharge Permit; b) Records of any releases (i.e., commonly known as “spills”) not authorized under this Discharge Permit and reports submitted pursuant to 20.6.2.1203 NMAC. a) Records of the operation, maintenance, and repair of all facilities/equipment used to treat, store or dispose of wastewater; b) Copies of monitoring reports completed pursuant to this Discharge Permit; c) The volume of wastewater or other wastes discharged pursuant to this Discharge Permit; d) Ground water quality and wastewater quality data collected pursuant to this Discharge Permit; e) Records of the maintenance, repair, replacement or calibration of any monitoring equipment. f) Data and information related to field measurements, sampling, and analysis conducted pursuant to this Discharge Permit. The following information shall be recorded and shall be made available to NMED upon request: <ol style="list-style-type: none"> i) The dates, location and times of sampling or field measurements; ii) The name and job title of the individuals who performed each sample collection or field measurement;

	<ul style="list-style-type: none"> iii) The sample analysis date of each sample; iv) The name and address of the laboratory, and the name of the signatory authority for the laboratory analysis; v) The analytical technique or method used to analyze each sample or collect each field measurement; vi) The results of each analysis or field measurement, including raw data; vii) The results of any split, spiked, duplicate or repeat sample; and viii) A copy of the laboratory analysis chain-of-custody as well as a description of the quality assurance and quality control procedures used. <p>The written record shall be maintained by the permittee for a period of at least five years from the date of application, report, collection or measurement and shall be made available to the department upon request.</p> <p>[NMSA 1978, § 74-6-5.D, Subsection B of 20.6.2.3109 NMAC, Subsection A of 20.6.2.3107 NMAC]</p>
31.	<p>INSPECTION and ENTRY - The permittee shall allow inspection by NMED of the facility and its operations which are subject to this Discharge Permit and the WQCC regulations. The inspections shall occur during regular business hours (or as necessary at other reasonable times when the facility is discharging wastewater).</p> <p>The permittee shall allow NMED to perform sampling or monitoring during an inspection for the purpose of evaluating compliance with this Discharge Permit and the WQCC regulations.</p> <p>Nothing in this Discharge Permit shall be construed 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>
32.	<p>DUTY to PROVIDE INFORMATION - The permittee shall, upon NMED's request, allow NMED's inspection of records required by this Discharge Permit and/or furnish to NMED copies of such records.</p> <p>[NMSA 1978, § 74-6-5.D, Subsection B of 20.6.2.3109 NMAC 20.6.2.3107.D NMAC, NMSA 1978, §§ 74-6-9.B and 74-6-9.E]</p>
33.	<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, location or amount of the water contaminants discharged, the permittee shall notify NMED prior to implementing such changes. The permittee shall obtain approval (which may require modification of this Discharge Permit) by NMED prior to implementing such changes.</p> <p>[NMSA 1978, § 74-6-5.D, Subsection E of 20.6.2.3109 NMAC, Subsection C of</p>

	20.6.2.3107 NMAC]
34.	<p>PLANS and SPECIFICATIONS – In the event the permittee is proposing to construct a wastewater system or change a component 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 to NMED for the proposed system or component prior to the commencement of construction.</p> <p>In the event the permittee is proposing changes to the wastewater system authorized by this Discharge Permit intended to produce a minor effect on the character of the discharge, the permittee shall report such changes as of January 1 and June 30 of each year to NMED.</p> <p>[NMSA 1978, § 74-6-5.D, Subsection B of 20.6.2.3109 NMAC, 20.6.2.1202 NMAC]</p>
35.	<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>[NMSA 1978, §§ 74-6-10 and 74-6-10.1]</p>
36.	<p>CRIMINAL PENALTIES – Any person who knowingly violates or knowingly causes or allows another person to:</p> <ol style="list-style-type: none"> 1) make any false material statement, representation, certification or omission of material fact in an application, record, report, plan or other document filed, submitted or required to be maintained under the WQA; 2) falsify, tamper with or render inaccurate any monitoring device, method or record required to be maintained under the WQA; or 3) fail to monitor, sample or report as required by a permit issued pursuant to a state or federal law or regulation, is subject to felony charges and shall be sentenced in accordance with the provisions of NMSA 1978, § 31-18-15. <p>[NMSA 1978, §§ 74-6-10.2.A through 74-6-10.2.F]</p>
37.	<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 all applicable federal, state, and local laws, regulations, permits or orders.</p> <p>[20.6.2 NMAC]</p>

38.	<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 to be raised and the relief sought. Unless a timely petition for review is made, the decision of NMED shall be final and not subject to judicial review.</p> <p>[NMSA 1978, § 74-6-5.O]</p>
39.	<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 notify the proposed transferee in writing of the existence of this Discharge Permit and shall include a copy of this Discharge Permit with the notice. The permittee shall deliver or send by certified mail to NMED a copy of the notification and proof that such notification has been received by the proposed transferee.</p> <p>Until both ownership and possession of the facility have been transferred to the transferee, the permittee shall continue to be responsible for any discharge from the facility.</p> <p>[20.6.2.3111 NMAC]</p>
40.	<p>PERMIT FEES - Payment of permit fees is due at the time of Discharge Permit approval. Permit fees shall be paid in a single payment or shall be paid in equal installments on a yearly basis over the term of the Discharge Permit. Single payments shall be remitted to NMED no later than 30 days after the Discharge Permit effective date. Initial installment payments shall be remitted to NMED no later than 30 days after the Discharge Permit effective date; subsequent installment payments shall be remitted to NMED no later than the anniversary of the Discharge Permit effective date.</p> <p>Permit fees are associated with <u>issuance</u> of this Discharge Permit. Nothing in this Discharge Permit shall be construed 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. An approved Discharge Permit shall be suspended or terminated if the facility 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>

V. PERMIT TERM & SIGNATURE

EFFECTIVE DATE: effective date

TERM ENDS: expiration date

[Subsection H of 20.6.2.3109 NMAC, NMSA 1978, § 74-6-5.I]

WILLIAM C. OLSON
Chief, Ground Water Quality Bureau
New Mexico Environment Department

draft