

GROUND WATER DISCHARGE PERMIT RENEWAL
Village of Willard, DP-1353

I. INTRODUCTION

The New Mexico Environment Department (NMED) issues this Discharge Permit Renewal (Discharge Permit), DP-1353, to the Village of Willard (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 the Village of Willard's package treatment plants (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 34,200 gallons per day (gpd) of domestic wastewater is received and treated at three locations using five package treatment plants. Treated wastewater is discharged to five separate leachbeds. 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 five package treatment plants are located within Willard, in Sections 5, 6 and 7, T04N, R09E, Torrance County. Ground water most likely to be affected is at a depth of approximately 50 feet and has a total dissolved solids concentration of approximately 520 milligrams per liter.

The original Discharge Permit was issued on June 25, 2003 and subsequently modified on February 21, 2006. The application consists of the materials submitted by the permittee dated July 8, 2008 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 mg/L or less of TDS 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, treat and discharge up to 34,200 gpd of domestic wastewater using five Orenco package treatment plants located at three sites. Site A has two package plants (Plant A-east and Plant A-west), Site B has one package plant (Plant B) and Site C has two package plants (Plant C-east and Plant C-west). Each package plant discharges to a separate leachbed.

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

IV. CONDITIONS

The conditions of this Discharge Permit shall be complied with by the permittee and are enforceable by NMED. The permittee is authorized to discharge 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 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 90 days of the effective date of this Discharge Permit (by DATE), the permittee shall submit a corrective action plan (CAP) for NMED's approval for the Site B package treatment plant (Plant B). The CAP shall outline measures to be taken to ensure that Plant B can consistently comply with the total nitrogen limitation set in this Discharge Permit. The CAP shall include an evaluation of the operation and maintenance limitations of Plant B and propose process changes/improvements, including an implementation schedule, to ensure compliance. The CAP shall be implemented upon NMED approval. [NMSA 1978, § 74-6-5.D, Subsections B of 20.6.2.3109 NMAC, Subsection A of 20.6.2.3107 NMAC]

Operating Conditions

#	Terms and Conditions
4.	Treated wastewater discharged from the five package treatment plants 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]

#	Terms and Conditions
5.	<p>The permittee shall maintain fences around Sites A, B & C 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 shall be maintained throughout the term of this Discharge Permit.</p> <p>[NMSA 1978, § 74-6-5.D, Subsection B of 20.6.2.3109 NMAC]</p>
6.	<p>The permittee shall maintain signs indicating that the wastewater at Sites A, B & C 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 remain visible and legible for the term of this Discharge Permit.</p> <p>[NMSA 1978, § 74-6-5.D, Subsection B of 20.6.2.3109 NMAC]</p>
7.	<p>The permittee shall visually inspect the area above the five leachbeds semi-annually to ensure proper maintenance. Any conditions that indicate damage to any of the leachbeds shall be corrected. Such conditions include, but are not limited to erosion damage, animal activity/damage, woody shrubs, 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.</p> <p>In the event of a failure of any leachbed, the permittee shall enact the contingency plan set forth in this Discharge Permit.</p> <p>[NMSA 1978, § 74-6-5.D, Subsection B of 20.6.2.3109 NMAC]</p>
8.	<p>The permittee shall properly manage all solids generated by the five package treatment plants to maintain effective operation by removing solids as necessary in accordance with accepted process control methods. Solids removed from the package plants shall be contained, transported, and disposed of in accordance with all local, state, and federal regulations.</p> <p>The permittee shall maintain records for all solids transported from the package plants for off-site disposal. The records shall identify the package plant that the solids were removed from, the date of removal, volume of solids removed and name of the company responsible for the removal/disposal of solids.</p> <p>[NMSA 1978, § 74-6-5.D, Subsection B of 20.6.2.3109 NMAC]</p>
9.	<p>The permittee shall inspect all septic tanks located within the collection system annually for the accumulation of scum and solids and for septic tank filter cleaning. 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 tanks shall be removed. Scum, solids and liquids removed from the septic tanks shall be contained, transported, and disposed of in accordance with all local, state, and federal regulations.</p>

#	Terms and Conditions
	<p>The permittee shall maintain a record of septic tank inspections, including; the tank identification by residential address, the date of inspection, the inspector's name, the findings of scum and settled solids measurements, the volume of contents removed (when applicable), and verification of filter cleaning for each septic tank.</p> <p>[NMSA 1978, § 74-6-5.D, Subsection B of 20.6.2.3109 NMAC]</p>
10.	<p>The permittee shall inspect the Willard Cantina & Café's grease interceptor on a quarterly basis and remove accumulated grease and settled solids to prevent them from exiting the unit.</p> <p>The permittee shall maintain a record of grease interceptor inspection, including; the date of inspection, the inspector's name, and the volume of grease/solids removed (when applicable).</p> <p>[NMSA 1978, § 74-6-5.D, Subsection B of 20.6.2.3109 NMAC]</p>
11.	<p>The permittee shall inspect the lift station at Site B on a quarterly basis, and clean as needed to prevent pump failure.</p> <p>The permittee shall maintain a record of lift station inspections, repairs and cleanings, including; the date of inspection, the date of liftstation cleaning, and details of repairs made.</p> <p>[NMSA 1978, § 74-6-5.D, Subsection B of 20.6.2.3109 NMAC]</p>
12.	<p>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.</p> <p>[NMSA 1978, § 74-6-5.D, Subsection B of 20.6.2.3109 NMAC, 20.7.4 NMAC]</p>

B. MONITORING AND REPORTING

#	Terms and Conditions
13.	<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>
14.	<p>METHODOLOGY – Unless otherwise approved in writing by NMED, the permittee shall</p>

#	Terms and Conditions
	<p>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>
15.	<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 of 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>[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>

Facility Monitoring Conditions

#	Terms and Conditions
16.	<p>The permittee shall estimate the monthly volume of wastewater discharged to the package treatment plant at Site B. The pumping rate of the influent pumps located at Site B's lift station shall be obtained from the manufacturer specifications or by documented field assessment. The total run time for each pump shall be logged on an hours recorder. The permittee shall record the pump run hours on a monthly basis (pump operating time) and multiply the time by the pumping rate to calculate the estimated monthly discharge</p>

#	Terms and Conditions
	<p>volume by the formula below.</p> <p style="text-align: center;">(pumping rate) x (monthly pump operating time) = estimated monthly discharge volume</p> <p>The estimated monthly discharge volume shall be used to calculate the average daily discharge volume by the formula below. The monthly volume discharged shall be used on the LADS to calculate nitrogen loading.</p> <p>estimated monthly discharge volume ÷ number of days between readings = average daily discharge volume</p> <p>The record of the monthly operating time for the pumps, pumping rate and estimated monthly and average daily discharge volume shall be submitted to NMED in the quarterly monitoring report. The hours recorder shall be kept functional at all times.</p> <p>* Should more than one pump/hours recorder assembly exist at the facility, the permittee shall calculate the estimated monthly discharge volume for the facility by adding the estimated monthly discharge volume determined for each pump/hours recorder assembly. This summation should be completed prior to calculating the average daily discharge volume for the facility.</p> <p>[NMSA 1978, § 74-6-5.D, Subsections B and C of 20.6.2.3109 NMAC]</p>
17.	<p>The permittee shall measure the monthly volume of wastewater discharged to the package treatment plants at Sites A & C. The permittee shall obtain readings from totalizing flow meters located prior to the two package treatment plants at each site on a monthly basis and calculate the monthly and average daily discharge volume.</p> <p>The monthly meter readings, and calculated monthly and average daily discharge volumes to the two package plants at each site 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>
18.	<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.</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> <ol style="list-style-type: none"> a) The location and meter identification. b) The method of flow meter field calibration employed.

#	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>The permittee shall maintain records of flow meter calibration(s) at a location accessible for review by NMED during facility inspections.</p> <p>[NMSA 1978, § 74-6-5.D, Subsections B and C of 20.6.2.3109 NMAC]</p>
19.	<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>
20.	<p>The permittee shall collect samples of treated wastewater from the distribution box located between each package treatment plant and each respective leachbed 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>
21.	<p>The permittee shall submit records of solids removal from each package treatment plant. The records shall identify the package plant that the solids were removed from, the date of removal, the volume of solids removed and the name of the company responsible for the removal/disposal of solids. For any quarterly reporting period when no solids have been removed, the record shall indicate that solids were not removed. Solids removal records shall be submitted to NMED in the quarterly monitoring report due on February 1st each year</p> <p>[NMSA 1978, § 74-6-5.D, Subsection B of 20.6.2.3109 NMAC, Subsection A of</p>

#	Terms and Conditions
	20.6.2.3107 NMAC]
22.	<p>The permittee shall submit records of annual inspections, cleaning and scum and solids removal from each septic tank located within the collections system. The records shall identify the tank by residential address and list the date of inspection, the inspector's name, the findings of scum and settled solids measurements, the volume removed from the tank and the name of the company responsible for the removal/disposal (when applicable) and verification of filter cleaning for each septic tank. The septic tank inspection/cleaning records shall be submitted to NMED in the quarterly monitoring report due on February 1st each year.</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>The permittee shall submit records of grease interceptor inspection and grease and settled solids removal for the Willard Cantina and Café. The records shall include the date of inspection, the inspector's name, and the volume of grease/solids removed (when applicable). The grease interceptor inspection/cleaning records shall be submitted to NMED in the monitoring report due by February 1st of each year.</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>

C. CORRECTION ACTIONS REQUIRED

#	Terms and Conditions
24.	<p>To address the multiple instances of improperly installed collection system components throughout the Village of Willard which result in limited ability to discharge from residences to the collection system, the permittee shall complete the following corrective action plan (CAP):</p> <p>a) Within 180 days of the effective date of this Discharge Permit (by DATE), the permittee shall have a licensed New Mexico professional engineer prepare an engineering report that identifies the deficiencies in sewer line grade, construction or condition throughout the Village of Willard's collection system which limit the ability of individual residences to discharge to the system by way of gravity flow. The report shall outline a systematic approach for the repair of all such deficiencies in the collection system, a cost estimate for the work and materials, a proposed schedule for completion and shall bear the seal and signature of the licensed New Mexico professional engineer (pursuant to New Mexico Engineering and Surveying Practice Act and the rules promulgated under that authority) responsible for its preparation. The report shall be submitted to NMED upon completion.</p>

#	Terms and Conditions
	<p>b) Within 365 days of the effective date of this Discharge Permit (by DATE), the permittee shall submit construction plans and specifications for the rehabilitation of the Village’s wastewater collection system. The construction plans and specifications shall bear the seal and signature of a licensed New Mexico professional engineer (pursuant to New Mexico Engineering and Surveying Practice Act and the rules promulgated under that authority) and supporting design calculations, and shall be submitted for review by NMED. Prior to collection system rehabilitation, the permittee shall obtain written verification from NMED that the plans and specifications meet the requirements of this Discharge Permit.</p> <p>c) Within two years of the effective date of this Discharge Permit (by DATE), the permittee shall complete the rehabilitation of the Village’s wastewater collection system in accordance with the NMED approved plans and specifications.</p> <p>d) Within 60 days of completion of the wastewater collection system rehabilitation project, the permittee shall submit record drawings for the project to NMED. The record drawings shall bear the seal and signature of a licensed New Mexico professional engineer (pursuant to New Mexico Engineering and Surveying Practice Act and the rules promulgated under that authority).</p> <p>[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]</p>
25.	<p>Within 180 days of the effective date of this Discharge Permit (by DATE), the permittee shall have a licensed New Mexico professional engineer evaluate Site A’s west leachbed, Site B’s leachbed and Site C’s west leachbed and propose methods for improving the distribution of effluent throughout the leachbeds. These methods may include; (1) no action (if appropriate), (2) the installation of low pressure dosing to the leachbeds, or (3) the replacement of the faulty leachbeds with properly graded leachbeds. Other, options, not identified herein, may also be proposed.</p> <p>[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]</p>

D. CONTINGENCY PLAN

#	Terms and Conditions
26.	<p>In the event that a ground water quality standard identified 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</p>

#	Terms and Conditions
	<p>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>
27.	<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 from any of the five package treatment plants, 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 package plant 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 package plant to achieve the total nitrogen limit 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 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>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>The Corrective Action Plan required under Condition 3 of this Discharge Permit to address the total nitrogen effluent exceedances at the package treatment plant at Site B may differ from the requirements of this condition with the approval of NMED.</p>

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	<p>[NMSA 1978, § 74-6-5.D, Subsection B of 20.6.2.3109 NMAC, Subsection A of 20.6.2.3107 NMAC]</p>
<p>28.</p>	<p>In the event that an inspection of any of the five leachbeds reveals failure, the following contingency plan shall be enacted:</p> <ul style="list-style-type: none"> a) Within 24 hours following the discovered failure, the permittee shall implement the following measures: <ul style="list-style-type: none"> i. Notify NMED of the failure in accordance with the notification requirements described in the Contingency Plan for unauthorized discharges. 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>
<p>29.</p>	<p>In the event that a release (commonly known as a “spill”) occurs that is not authorized under this Discharge Permit, the permittee shall take measures to mitigate damage from the unauthorized discharge and initiate the notifications and corrective actions required in Section 20.6.2.1203 NMAC and summarized below.</p> <p>Within <u>24 hours</u> following discovery of the unauthorized discharge, the permittee shall verbally notify NMED and provide the following information:</p> <ul style="list-style-type: none"> a) The name, address, and telephone number of the person or persons in charge of the facility, as well as of the owner and/or operator of the facility. b) The name and address of the facility. c) The date, time, location, and duration of the unauthorized discharge. d) The source and cause of unauthorized discharge. e) A description of the unauthorized discharge, including its estimated chemical composition. f) The estimated volume of the unauthorized discharge. g) Any actions taken to mitigate immediate damage from the unauthorized discharge. <p>Within <u>one week</u> following discovery of the unauthorized discharge, the permittee shall submit written notification to NMED with the information listed above and any pertinent updates.</p> <p>Within <u>15 days</u> following discovery of the unauthorized discharge, the permittee shall</p>

#	Terms and Conditions
	<p>submit a corrective action report/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>
30.	<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 20.6.2.3107 NMAC]</p>

E. CLOSURE PLAN

Permanent Facility Closure Conditions

#	Terms and Conditions
31.	<p>In the event that any of the five package treatment plants or that any septic tank located in the collection system 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, the permittee shall complete the following closure measures:</p> <ul style="list-style-type: none"> a) The line leading to/from the package plant(s) or septic tank(s) shall be plugged so that a discharge can no longer occur. b) Wastewater shall be drained from the package plant(s) components and it shall be

#	Terms and Conditions
	<p>disposed of in accordance with all local, state, and federal regulations.</p> <p>c) Remove all solids and remaining liquids from the package plants(s) or septic tank(s). Solids and liquids removed from the package plant(s) or septic tank(s) shall be contained, transported, and disposed of 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.</p> <p>Within <u>180 days</u> of ceasing discharging to any of the five package plants or any septic tank located within the collection system, the permittee shall complete the following closure measures:</p> <p>a) Remove all lines leading to and from the package plant(s) or septic tank(s), or permanently plug and abandon them in place.</p> <p>b) For each package plant, remove or demolish all package plant components, and re-grade area with suitable fill to blend with surface topography, promote positive drainage and prevent ponding.</p> <p>c) For each septic tank, remove or demolish the tank in place or fill the tank with clean fill material.</p> <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
32.	<p>RECORD KEEPING - The permittee shall maintain a written record of the following information:</p> <p>a) Information and data used to complete the application for this Discharge Permit.</p> <p>b) Records of any releases (commonly known as “spills”) not authorized under this Discharge Permit and reports submitted pursuant to 20.6.2.1203 NMAC.</p> <p>c) Records of the operation, maintenance, and repair of all facilities/equipment used to treat, store or dispose of wastewater.</p> <p>d) 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.</p> <p>e) Copies of monitoring reports completed and/or submitted to NMED pursuant to this Discharge Permit.</p> <p>f) The volume of wastewater or other wastes discharged pursuant to this Discharge Permit.</p> <p>g) Ground water quality and wastewater quality data collected pursuant to this Discharge Permit.</p>

#	Terms and Conditions
	<p>h) Copies of construction records (well log) for all ground water monitoring wells required to be sampled pursuant to this Discharge Permit.</p> <p>i) Records of the maintenance, repair, replacement or calibration of any monitoring equipment or flow measurement devices required by this Discharge Permit.</p> <p>j) 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:</p> <ul 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; 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 at a location accessible during a facility inspection by NMED 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>
33.	<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. NMED may upon presentation of proper credentials, enter at reasonable times upon or through any premises in which a water contaminant source is located or in which are located any records required to be maintained by regulations of the federal government or the WQCC.</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>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>

#	Terms and Conditions
	[Subsection D of 20.6.2.3107 NMAC, NMSA 1978, §§ 74-6-9.B and 74-6-9.E]
34.	<p>DUTY to PROVIDE INFORMATION - The permittee shall, upon NMED's request, allow NMED's inspection/duplication 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>
35.	<p>MODIFICATIONS and/or AMENDMENTS – In the event the permittee proposes a change to the facility or the facility's discharge that would result in a change in the volume discharged; the location of the discharge; or in the amount or character of water contaminants received, treated or discharged by the facility, the permittee shall notify NMED prior to implementing such changes. The permittee shall obtain 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 20.6.2.3107 NMAC]</p>
36.	<p>PLANS and SPECIFICATIONS – In the event the permittee is proposing 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 to NMED for the proposed system or process unit prior to the commencement of construction.</p> <p>In the event the permittee implements changes to the wastewater system authorized by this Discharge Permit which 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) 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>
37.	<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</p>

#	Terms and Conditions
	<p>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>
38.	<p>CRIMINAL PENALTIES – No person shall:</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. <p>Any person who knowingly violates or knowingly causes or allows another person to violate the requirements of this condition is guilty of a fourth degree felony and shall be sentenced in accordance with the provisions of NMSA 1978, § 31-18-15. Any person who is convicted of a second or subsequent violation of the requirements of this condition is guilty of a third degree felony and shall be sentenced in accordance with the provisions of NMSA 1978, § 31-18-15. Any person who knowingly violates the requirements of this condition or knowingly causes another person to violate the requirements of this condition and thereby causes a substantial adverse environmental impact is guilty of a third degree felony and shall be sentenced in accordance with the provisions of NMSA 1978, § 31-18-15. Any person who knowingly violates the requirements of this condition and knows at the time of the violation that he is creating a substantial danger of death or serious bodily injury to any other person is guilty of a second degree felony and shall be sentenced in accordance with the provisions of NMSA 1978, § 31-18-15.</p> <p>[NMSA 1978, §§ 74-6-10.2.A through 74-6-10.2.F]</p>
39.	<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>
40.	<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>
41.	<p>TRANSFER of DISCHARGE PERMIT - Prior to the transfer of any ownership, control,</p>

#	Terms and Conditions
	<p>or possession of this facility or any portion thereof, the permittee shall:</p> <ol style="list-style-type: none"> 1) notify the proposed transferee in writing of the existence of this Discharge Permit; 2) include a copy of this Discharge Permit with the notice; and 3) 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>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>
42.	<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]

JERRY SCHOEPPNER
 Acting Chief, Ground Water Quality Bureau
 New Mexico Environment Department