

GROUND WATER DISCHARGE PERMIT MODIFICATION
State of New Mexico Department of Game and Fish, DP-1254

I. INTRODUCTION

The New Mexico Environment Department (NMED) issues this Discharge Permit Modification (Discharge Permit), DP-1254, to the State of New Mexico Department of Game and Fish (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. This Discharge Permit modification shall supersede, in its entirety, the Discharge Permit, DP-1254, issued on July 20, 2010.

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 State of New Mexico Department of Game and Fish Headquarters (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 4,140 gallons per day (gpd) of domestic wastewater is discharged to a septic tank/leachfield system. Up to 10,000 gpd of reclaimed domestic wastewater that is received from the City of Santa Fe's Wastewater Treatment Facility is stored in a 10,000 gallon synthetically lined artificial stream/pond system and discharged to landscaped areas using drip irrigation. The modification consists of an increase in the maximum daily discharge volume from 4,140 gpd to 14,140 gpd and the incorporation of reclaimed domestic wastewater into the Discharge Permit.

The discharge may contain water contaminants which exceed the standards of Section 20.6.2.3103 NMAC and/or may contain toxic pollutants as defined in Subsection WW of 20.6.2.7 NMAC. This Discharge Permit contains requirements intended to prevent the discharge from causing standards to be exceeded in ground water and/or the presence of toxic pollutants in ground water.

The facility is located at 1 Wildlife Way, Santa Fe, in Sections 27, Township 17N, Range 08E, Santa Fe County. Ground water beneath the site is at a depth of approximately 320 feet and has a total dissolved solids concentration of approximately 150 milligrams per liter.

The original Discharge Permit was issued on April 4, 2000 and subsequently renewed on February 14, 2005 and July 20, 2010. The application (i.e., discharge plan) consists of the materials submitted by Billy Baca, Facilities Manager on behalf of the permittee dated April 25, 2012 and materials contained in the administrative record prior to issuance of this Discharge Permit. The discharge as described in the discharge plan 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 discharge up to 4,140 gpd of domestic wastewater to a septic tank/leachfield system. The systems consist of the following:

System Designation	Lift Station	Grease Interceptor Capacity	Septic Tank Vol.	Dosing Chamber	Disposal Field Type, Area, and Dimensions
ST-01/LF-1	No	N/A	4,500 gallon	No	leachfield 4- 75' lines

The permittee is also authorized to discharge up to 10,000 gpd of reclaimed domestic wastewater received from the City of Santa Fe Wastewater Treatment Facility to a 10,000 gallon synthetically lined artificial stream/pond system and landscaped areas using drip irrigation.

[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

General Operational Conditions

#	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. [Subsection 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, Subsection C of 20.6.2.3109 NMAC]

Operational Conditions for Septic Tank/Leachfield System

#	Terms and Conditions
3.	Within 120 days following the effective date of this Discharge Permit (by DATE), the permittee shall provide access to each septic tank by installing two 24-inch openings. The access openings shall be located above the inlet and outlet piping of the septic tank to facilitate inspection of the tank's interior, repair of the internal piping and removal of

	<p>sludge and scum. The access openings shall be extended from the tank to at least three inches above the ground surface or as approved by NMED. The access openings shall have a secured lid to deter unauthorized access, but the lid shall remain above ground and unconcealed by dirt or pavement. A secure lid shall consist of one of the following: a padlock; a twist lock cover requiring special tools for removal; a cover weighing 58 pounds or more, net weight; or a stainless steel hinge and hasp mechanism. The permittee shall submit written confirmation of access-way installation, including photographic documentation, to NMED within 150 days of the effective date of this Discharge Permit (by DATE).</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109]</p>
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Operational Conditions for Reclaimed Domestic Wastewater

#	Terms and Conditions				
4.	<p>Within 60 days following the effective date of this Discharge Permit (by DATE), the permittee shall submit documentation confirming the existence of the infrastructure necessary to transfer, distribute and apply reclaimed wastewater to the landscaped re-use areas. 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>[Subsection C of 20.6.2.3106 NMAC, Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>				
5.	<p>Within 30 days following the effective date of this Discharge Permit (by DATE), the permittee shall post signs in English and Spanish at all re-use areas. The signs shall be posted at the entrance to re-use areas and at other locations where public exposure to reclaimed wastewater may occur. The signs shall state: NOTICE: THIS AREA IS IRRIGATED WITH RECLAIMED WASTEWATER - DO NOT DRINK. AVISO: ESTA ÁREA ESTÁ REGADA CON AGUAS NEGRAS RECOBRADAS - NO TOMAR. Alternate wording and/or graphics may be submitted to NMED for approval.</p> <p>[Subsections B and C of 20.6.2.3109 NMAC, NMSA 1978, § 74-6-5.D]</p>				
6.	<p>Reclaimed wastewater received from the City of Santa Fe Wastewater Treatment Facility shall not exceed the following limitation:</p> <p>Total Nitrogen: 10 mg/L</p> <p>[Subsection C of 20.6.2.3109 NMAC]</p>				
7.	<p>Reclaimed wastewater received from the City of Santa Fe Wastewater Treatment Facility shall not exceed the following limitations:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; padding: 5px;"><u>Test</u></td> <td style="width: 25%; padding: 5px;"><u>30-day geometric</u></td> <td style="width: 25%; padding: 5px;"><u>30-day average</u></td> <td style="width: 25%; padding: 5px;"><u>maximum</u></td> </tr> </table>	<u>Test</u>	<u>30-day geometric</u>	<u>30-day average</u>	<u>maximum</u>
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8.	<p>The permittee shall meet the following general requirements for above-ground use of reclaimed domestic wastewater:</p> <ol style="list-style-type: none"> a) The permittee shall maintain signs in English and Spanish at all re-use areas such that they are visible and legible for the term of this Discharge Permit. The signs shall be posted at the entrance to re-use areas and at other locations where public exposure to reclaimed wastewater may occur. The signs shall state: NOTICE: THIS AREA IS IRRIGATED WITH RECLAIMED WASTEWATER - DO NOT DRINK. AVISO: ESTA ÁREA ESTÁ REGADA CON AGUAS NEGRAS RECOBRADAS - NO TOMAR. Alternate wording and/or graphics may be submitted to NMED for approval. b) The reclaimed 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 NAMC). c) Above-ground use of reclaimed wastewater shall not result in excessive ponding of wastewater, and shall not exceed the water consumptive needs of the crop. Re-use shall not be conducted at times when the re-use area is saturated or frozen. d) The discharge of reclaimed wastewater shall be confined to the re-use area. e) The discharge of reclaimed domestic wastewater to crops for human consumption is prohibited. f) Water supply wells within 200 feet of a re-use area shall have adequate wellhead construction pursuant to 19.27.4 NMAC. Re-use shall be managed to ensure protection of ground water quality. g) Existing and accessible portions of the reclaimed wastewater distribution system (with the exception of application equipment such as sprinklers or pivots) shall be colored purple or clearly labeled as being part of a reclaimed wastewater distribution system. Piping, valves and outlets that are installed during the term of this Discharge Permit shall be colored purple pursuant to the latest revision of the New Mexico Plumbing Code (14.8.2 NMAC) and New Mexico Mechanical Code (14.9.2 NAMC) to differentiate piping or fixtures used to convey reclaimed wastewater from those intended for potable or other uses. Valves, outlets, and sprinkler heads used in 																										

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	<p>reclaimed wastewater systems shall be accessible only to authorized personnel.</p> <p>[Subsections B and C of 20.6.2.3109 NMAC, NMSA 1978, § 74-6-5.D]</p>
9.	<p>Within 90 days following the effective date of this Discharge Permit (by DATE), the permittee shall submit a Standard Operational Procedure for the synthetically lined artificial stream/pond system which sets forth measures to avoid primary contact, providing notification concerning the risks associated with exposure to reclaimed wastewater and ensure hygiene of all participants visiting the educational project. The Standard Operating Procedure shall be implemented upon approval by NMED.</p> <p>[Subsections B and C of 20.6.2.3109 NMAC, NMSA 1978, § 74-6-5.D]</p>
10.	<p>In the event that a cross-connection between the reclaimed wastewater system and a fresh water system exists, the permittee shall institute a backflow prevention method to protect wells and public water supply systems from contamination by reclaimed wastewater prior to discharging to the re-use area. Backflow prevention shall be achieved by a total disconnect (physical air gap separation between the discharge pipe and the liquid surface at least twice the diameter of the discharge pipe), or by a reduced pressure principal backflow prevention assembly (RP) installed on the line between the fresh water supply wells or public water supply and the reclaimed wastewater delivery system. Backflow prevention shall be maintained at all times.</p> <p>RP devices shall be inspected and tested by a certified backflow prevention assembly tester at the time of installation, repair or relocation and at least on an annual basis thereafter. The backflow prevention assembly tester shall have successfully completed a 40-hour backflow prevention course based on the University of Southern California's Backflow Prevention Standards and Test Procedures, and obtained certification demonstrating completion. A malfunctioning RP device shall be repaired or replaced within 30 days of discovery, and use of all supply lines associated with the RP device shall cease until repair or replacement has been completed. Copies of the inspection and maintenance records and test results for each RP device associated with the backflow prevention program shall be maintained at a location available for inspection by NMED.</p> <p>[Subsection C of 20.6.2.3109 NMAC]</p>

B. MONITORING AND REPORTING

General Monitoring and Reporting Conditions

#	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>

#	Terms and Conditions
	[Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]
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 semi-annual monitoring reports to NMED for the most recently completed semi-annual period by the 1st of February and August each year.</p> <p>Semi-annual monitoring shall be performed during the following periods and submitted as follows:</p> <ul style="list-style-type: none"> • January 1st through June 30th (first half) – due by August 1st • July 1st through December 31st (second half) – due by February 1st <p>Monitoring requirements detailed in this Discharge Permit are summarized on the sheet titled <i>Cover Page for Discharge Permit Monitoring Reports</i>. The permittee shall complete and attach a copy of the enclosed <i>Cover Page for Discharge Permit Monitoring Reports</i> to each monitoring report submitted. NMED recommends that the permittee use the monitoring report form provided to compile and submit the monitoring data. The permittee shall provide copies of all laboratory reports with the monitoring reports.</p> <p>[Subsection A of 20.6.2.3107 NMAC]</p>

Monitoring and Reporting Conditions for Septic Tank/Leachfield System

#	Terms and Conditions
14.	The permittee shall estimate the monthly volume of wastewater discharged to the septic

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	<p>tank/leachfield system (ST-01/LF-01) by recording meter readings for the facility's water supply on a monthly basis and calculating the monthly and average daily usage volumes. The estimated monthly discharge volume* (based upon meter readings) shall be used to calculate the average daily discharge volume by the formula below.</p> <p>estimated monthly discharge volume ÷ number of days between readings = average daily discharge volume</p> <p>Each month, the permittee shall make note of any significant uses of the water (e.g., irrigation, evaporative cooling or leaks) that do not contribute to the volume of wastewater discharged.</p> <p>The monthly meter readings, estimated monthly and average daily discharge volumes, and notes and estimated volume of significant uses shall be submitted to NMED in the semi-annual monitoring reports.</p> <p>* Should more than one flow meter exist for the facility's water supply, the permittee shall calculate the estimated monthly discharge volume for the facility by adding the estimated monthly discharge volume for each meter. This summation should be completed prior to calculating the average daily discharge volume for the facility.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection C and H of 20.6.2.3109 NMAC]</p>
15.	<p>The permittee shall collect a wastewater sample from the septic tank (ST-01) on an annual basis and analyze the sample(s) for TKN, 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 monitoring report due by February 1 of each year.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection C and H of 20.6.2.3109 NMAC]</p>
16.	<p>The permittee shall inspect all septic tank(s) 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 (e.g., septic hauler). The records of solids removal and disposal (e.g., pumping invoices from a septic hauler) shall be submitted to NMED in the semi-annual monitoring reports.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>
17.	<p>The permittee shall visually inspect the area above the leachfield (LF-01) (disposal system) semi-annually to ensure proper maintenance. Any conditions that indicate damage to the disposal system 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>

#	Terms and Conditions
	<p>In the event of a failure of the disposal system, the permittee shall enact the contingency plan set forth in this Discharge Permit.</p> <p>[Subsections A and D of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>

Monitoring and Reporting Conditions for Reclaimed Domestic Wastewater

#	Terms and Conditions
18.	<p>The permittee shall measure the monthly volume of reclaimed wastewater received from the City of Santa Fe Wastewater Treatment Facility using the totalizing flow meter located on the conveyance line between the City of Santa Fe’s effluent re-use line and the permittee’s 10,000 gallon synthetically lined artificial stream/pond system.</p> <p>A copy of the totalizing flow meter readings shall be submitted to NMED in the semi-annual monitoring reports.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsections C and H of 20.6.2.3109 NMAC]</p>
19.	<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 annually.</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. 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. 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. e) Any flow meter repairs made during the previous year or during field calibration.

#	Terms and Conditions
	<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>
20.	<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>[Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>
21.	<p>During any consecutive seven day period in which the facility receives any conveyed reclaimed wastewater from the City of Santa Fe Wastewater Treatment Facility, the permittee shall obtain the results of analyses for the following constituents from the City of Santa Fe Wastewater Treatment Facility:</p> <ul style="list-style-type: none"> • Fecal coliform bacteria: grab sample at peak daily flow three times per week. • BOD₅: six-hour composite sample three times per week. • Turbidity: continuously monitor reclaimed wastewater for turbidity after the final treatment process and while discharging; record the average and maximum turbidity values for each calendar month. • UV transmissivity values and TRC concentrations: record whenever fecal coliform samples are collected. <p>A copy of the analytical results, monthly average and maximum turbidity values, and a copy of the log of UV transmissivity values and TRC concentrations shall be submitted to NMED in the semi-annual monitoring reports.</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>
22.	<p>The permittee shall keep a log (copy enclosed) of all additional nitrogenous fertilizer applied to <i>each</i> location, field, etc. within the re-use area. The log shall contain the date of fertilizer application, the type (organic or inorganic) and form (granular or liquid), nitrogen concentration (in percent), the amount of fertilizer applied (in pounds per acre), and the amount of nitrogen applied (in pounds per acre) for each location. The log, or a statement that application of fertilizer did not occur, shall be submitted to NMED in the semi-annual</p>

#	Terms and Conditions
	<p>monitoring reports.</p> <p>[Subsection A of 20.6.2.3107 NMAC]</p>

C. CONTINGENCY PLAN

#	Terms and Conditions
23.	<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 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>[Subsection A of 20.6.2.3107 NMAC, Subsection E of 20.6.2.3109 NMAC]</p>
24.	<p>In the event that analytical results of a reclaimed domestic wastewater sample confirm an exceedance of any of the maximum limitations or 30-day average limitations for BOD₅, TSS, or fecal coliform set by this Discharge Permit, the contingency plan below shall be enacted.</p> <p><u>Contingency Plan</u></p> <p>a) The transfer of reclaimed domestic wastewater from the City of Santa Fe Wastewater Treatment Facility to the permittee shall cease.</p> <p>b) Within 24 hours of becoming aware that reclaimed domestic wastewater transfers were required to cease, the permittee shall:</p> <p style="padding-left: 20px;">i) notify NMED that the contingency plan is being enacted.</p> <p>When the analytical results from samples of reclaimed domestic wastewater, sampled as required by the City of Santa Fe Wastewater Treatment Facility's Discharge Permit, no longer indicate an exceedance of any of the maximum limitations, transfers may resume and the permittee may resume discharging reclaimed wastewater to the re-use areas.</p> <p>Prior to recommencing discharge to the re-use areas, reclaimed wastewater sampling or other temporary protective measures may be required by NMED.</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>

#	Terms and Conditions
25.	<p>In the event that a release (commonly known as a “spill”) occurs that is not authorized under this Discharge Permit, or an inspection of the leachfield reveals failure, 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> <ol 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. These actions may include, as appropriate: <ul style="list-style-type: none"> • restriction of public access to the area; • immediate actions to stop/reduce the unauthorized discharge or impacts from it; • disinfection of contaminated soil and other materials; and • physical inspection of the treatment and disposal system(s) to identify additional failures. <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 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> <ol 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>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>[20.6.2.1203 NMAC, Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>
26.	<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</p>

#	Terms and Conditions
	<p>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>[Subsection A of 20.6.2.3107 NMAC, Subsection E of 20.6.2.3109 NMAC]</p>

D. CLOSURE PLAN

#	Terms and Conditions
27.	<p>In the event the permittee proposes to close the septic tank/leachfield system, or a component of the septic tank/leachfield system, the permittee shall perform closure measures.</p> <p>Within <u>90 days</u> of ceasing discharge to the septic tank leachfield system(s) (or closed system components), the permittee shall complete the following closure measures:</p> <ul style="list-style-type: none"> a) Plug all lines leading to and from the closed system(s) so that a discharge can no longer occur. b) Wastewater, septage, and grease interceptor waste shall be pumped from the system components (e.g., septic tanks, grease trap/interceptors, lift stations, dosing chambers, distribution boxes) and it 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 wastes transported for off-site disposal. <p>Within <u>180 days</u> of ceasing discharge to the septic tank leachfield system(s) (or closed system components), the permittee shall complete the following closure measures:</p> <ul style="list-style-type: none"> a) Remove all lines leading to and from the closed system(s) or permanently plug them and abandon them in place. b) Remove or demolish all closed septic tanks, grease trap/interceptors, lift stations, dosing chambers, distribution boxes or other system(s) components (with the exception of leachfields) and re-grade the area with suitable fill to blend with surface topography to 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>[Subsection A of 20.6.2.3107 NMAC, 40 CFR Part 503]</p>
28.	<p>In the event the permittee proposes to close the 10,000 gallon synthetically lined artificial stream/pond system and/or cease discharging reclaimed domestic wastewater to the landscaped areas through drip irrigation, in whole or in part, 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</p>

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	<p>complete the following closure measures:</p> <ul style="list-style-type: none"> a) The conveyance line leading to the re-use area (or component) shall be plugged so that a discharge can no longer occur. b) Wastewater shall be drained or evaporated from the system components and storage impoundment(s), and it shall be disposed of in accordance with all local, state, and federal regulations or discharged from the system to the re-use area, as authorized by this Discharge Permit. The discharge of accumulated solids (sludge) to the re-use area is prohibited. c) Solids removed from the 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>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>[Subsection A of 20.6.2.3107 NMAC]</p>

E. GENERAL TERMS AND CONDITIONS

#	Terms and Conditions
29.	<p>RECORD KEEPING – The permittee shall maintain a written record of the following information:</p> <ul style="list-style-type: none"> a) Information and data used to complete the application for this Discharge Permit. 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. c) Records of the operation, maintenance, and repair of all facilities/equipment used to treat, store or dispose of wastewater. 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. e) Copies of monitoring reports completed and/or submitted to NMED pursuant to this Discharge Permit. f) The volume of wastewater or other wastes discharged pursuant to this Discharge Permit. g) Ground water quality and wastewater quality data collected pursuant to this Discharge Permit. h) Copies of construction records (well log) for all ground water monitoring wells required to be sampled pursuant to this Discharge Permit. i) Records of the maintenance, repair, replacement or calibration of any monitoring equipment or flow measurement devices required by this Discharge Permit. j) Data and information related to field measurements, sampling, and analysis conducted pursuant to this Discharge Permit. The following information shall be recorded and

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	<p>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>[Subsections A and D of 20.6.2.3107 NMAC]</p>
30.	<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> <p>[Subsection D of 20.6.2.3107 NMAC, NMSA 1978, §§ 74-6-9.B and 74-6-9.E]</p>
31.	<p>DUTY to PROVIDE INFORMATION – The permittee shall, upon NMED’s request, allow for NMED’s inspection/duplication of records required by this Discharge Permit and/or furnish to NMED copies of such records.</p> <p>[Subsection D of 20.6.2.3107 NMAC]</p>

#	Terms and Conditions
32.	<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>[Subsection C of 20.6.2.3107 NMAC, Subsections E and G of 20.6.2.3109 NMAC]</p>
33.	<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>[Subsections A and C of 20.6.2.1202 NMAC]</p>
34.	<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>
35.	<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

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	<p>required to be maintained under the WQA; or</p> <p>3) fail to monitor, sample or report as required by a permit issued pursuant to a state or federal law or regulation.</p> <p>Any person who knowingly violates or knowingly causes or allows another person to violate the requirements of this condition is guilty of a fourth degree felony and shall be sentenced in accordance with the provisions of NMSA 1978, § 31-18-15. Any person who is convicted of a second or subsequent violation of the requirements of this condition is guilty of a third degree felony and shall be sentenced in accordance with the provisions of NMSA 1978, § 31-18-15. Any person who knowingly violates the requirements of this condition or knowingly causes another person to violate the requirements of this condition and thereby causes a substantial adverse environmental impact is guilty of a third degree felony and shall be sentenced in accordance with the provisions of NMSA 1978, § 31-18-15. Any person who knowingly violates the requirements of this condition and knows at the time of the violation that he is creating a substantial danger of death or serious bodily injury to any other person is guilty of a second degree felony and shall be sentenced in accordance with the provisions of NMSA 1978, § 31-18-15.</p> <p>[20.6.2.1220 NMAC, NMSA 1978, §§ 74-6-10.2.A through 74-6-10.2.F]</p>
36.	<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>[NMSA 1978, § 74-6-5.L]</p>
37.	<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>[20.6.2.3112 NMAC, NMSA 1978, § 74-6-5.O]</p>
38.	<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> <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>

#	Terms and Conditions
39.	<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

DISCHARGE PERMIT EFFECTIVE DATE: July 20, 2010

MODIFICATION EFFECTIVE DATE: (DATE)

TERM ENDS: July 20, 2015

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

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