CERTIFIED MAIL – RETURN RECEIPT REQUESTED

September 22, 2026

Lorrollee Hamill, Trustee and Manager
Clayton Revocable Trust
2102 N Lee Avenue
Farmington, New Mexico 87402

RE: Draft Discharge Permit, DP-1725, Lee Acres RV Park

Dear Lorrollee Hamill:

The New Mexico Environment Department (NMED) hereby provides notice to you of the proposed approval of Ground Water Discharge Permit, DP-1725, (copy enclosed), pursuant to Subsection H of 20.6.2.3108 NMAC. NMED will publish notice of the availability of the draft Discharge Permit in the near future for public review and comment and will forward a copy of that notice to you.

Prior to making a final ruling on the proposed Discharge Permit, NMED will allow 30 days from the date the public notice is published in the newspaper for any interested party, including the Discharge Permit applicant, i.e., yourself, to submit written comments and/or a request a public hearing. A hearing request shall set forth the reasons why a hearing is requested. NMED will hold a hearing in response to a timely hearing request if the NMED Secretary determines there is substantial public interest in the proposed Discharge Permit.

Please review the enclosed draft Discharge Permit carefully. Please be aware that this Discharge Permit may contain conditions that require the permittee to implement operational, monitoring or closure actions by a specified deadline.

Please submit written comments or a request for hearing to my attention at the address below, via email to samantha.peterson@env.nm.gov or to pps.general@env.nm.gov, or directly into the NMED Public Comment Portal at https://nmed.commentinput.com/comment/search. If NMED does not receive written comments or a request for hearing during the public comment period, the draft Discharge Permit will become final.

Thank you for your cooperation during the review process. Feel free to contact me with any questions at (505) 490-5282.

Sincerely, Samantha Peterson

Digitally signed by Samantha Peterson
Date: 2026.09.22 15:59:42 -06'00'

Samantha Peterson, Water Resource Professional

Encl: Draft Discharge Permit, DP-1725

NEW MEXICO
ENVIRONMENT DEPARTMENT
Ground Water Quality Bureau
1190 Saint Francis Drive / P.O. Box 5469
Santa Fe, NM 87502-5469
Phone (505) 827-2900 Fax (505) 827-2965
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Draft*:* September 22, 2026
GROUND WATER QUALITY BUREAU
DISCHARGE PERMIT
Issued under 20.6.2 NMAC

Facility Name:	Lee Acres RV Park
Discharge Permit Number:	DP-1725
Facility Location:	63 County Road 5500 Bloomfield, New Mexico
County:	San Juan
Permittee:	Clayton Revocable Trust
Mailing Address:	2102 N Lee Avenue, Farmington, New Mexico 87402
Facility Contact:	Lorrollee Hamill, Trustee and Manager
Telephone Number/Email:	(505) 402-9653 / charlielorrolleehamill@yahoo.com
Permitting Action:	New
Permit Issuance Date:	[DATE]
Permit Expiration Date:	[DATE]
NMED Contact:	Samantha Peterson
Telephone Number/Email:	505-490-5282 / samantha.peterson@env.nm.gov or 505-827-2900 / pps.general@env.nm.gov

draft

Justin D. Ball
Chief, Ground Water Quality Bureau
New Mexico Environment Department

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Discharge Permit Summary
New Mexico Environment Department Ground Water Quality Bureau Monitoring Well Construction and Abandonment Guidelines, Revision 1.1, March 2011 (Monitoring Well Guidance)
Groundwater Monitoring Worksheet and Reference Chart
New Mexico Environment Department – Ground Water Quality Bureau Guidance: How to Sample a Monitoring Well
Hydrostatic Test Evaluation Report for Tightness Testing

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I. INTRODUCTION

The New Mexico Environment Department (NMED) issues this groundwater discharge permit (Discharge Permit or DP-1725) to the Clayton Revocable Trust (Permittee) pursuant to the New Mexico Water Quality Act (WQA), NMSA 1978 §§74-6-1 through 74-6-17, and the New Mexico Water Quality Control Commission (WQCC) Ground and Surface Water Protection Regulations, 20.6.2 NMAC.

NMED's purpose in issuing this Discharge Permit, and in imposing the requirements and conditions specified herein, is to control the discharge of water contaminants from Lee Acres RV Park (Facility) in order to protect groundwater and those segments of surface water gaining from groundwater inflow for present and potential future use as domestic and agricultural water supply and other uses, and to protect public health. It is NMED's determination in issuing this Discharge Permit that the Permittee has met the requirements of Subsection C of 20.6.2.3109 NMAC. The Permittee is responsible for complying with the terms and conditions of this Discharge Permit pursuant to Section 20.6.2.3104 NMAC; failure to do so may result in enforcement action by NMED (20.6.2.1220 NMAC).

Described below are the activities that produce the discharge, the location of the discharge, and the quantity, quality, and flow characteristics.

The Facility receives and treats up to 15,500 gallons per day (gpd) of domestic wastewater from RV spaces. Wastewater discharges to ten pump-only holding tanks and seventeen septic tank leach field systems.

Discharge Permit Location Information:

Physical Address	63 County Road 5500, Bloomfield, New Mexico
Nearest Town/City	6.6 miles southwest of Bloomfield
Section, Township, Range	Section(s) 28, Township 29 North, Range 12 West
County	San Juan
Depth to Groundwater	5 feet below ground surface
Pre-Discharge TDS	1000 mg/L

The application (i.e., discharge plan) consists of the materials submitted by the Permittee dated September 16, 2025, and materials contained in the administrative record prior to issuance of this Discharge Permit. The Permittee shall manage this discharge in accordance with all conditions and requirements of this Discharge Permit.

NMED reserves the right to require a Discharge Permit modification in the event NMED determines that the Permittee is or may be violating, or is likely to violate in the future, the requirements of 20.6.2 NMAC or the standards of Section 20.6.2.3103 NMAC. NMED reserves this right pursuant to Section 20.6.2.3109 NMAC. An NMED requirement to modify the Discharge

Permit may result from a determination by the department that structural controls and/or management practices approved under this Discharge Permit are insufficiently protective of groundwater quality and human health. NMED reserves the right to require the Permittee to implement abatement of water pollution and remediate groundwater quality.

NMED issuance of this Discharge Permit does not relieve the Permittee of the responsibility to comply with the WQA, WQCC Regulations, and any other applicable federal, state and/or local laws and regulations, such as zoning requirements and nuisance ordinances.

This Discharge Permit may use the following acronyms and abbreviations.

Abbreviation	Explanation		Abbreviation	Explanation
BOD_5	biochemical oxygen demand (5-day)		NMED	New Mexico Environment Department
CAP	Corrective Action Plan		NMSA	New Mexico Statutes Annotated
CFR	Code of Federal Regulations		NO_3-N	nitrate-nitrogen
CFU	colony forming unit		NTU	nephelometric turbidity units
Cl	chloride		QA/QC	Quality Assurance/Quality Control
EPA	United States Environmental Protection Agency		TDS	total dissolved solids
Gpd	gallons per day		TKN	total Kjeldahl nitrogen
LAA	land application area		total nitrogen	= TKN + NO_3-N
LADS	Land Application Data Sheet(s)		TRC	total residual chlorine
mg/L	milligrams per liter		TSS	total suspended solids
mL	milliliters		WQA	New Mexico Water Quality Act
MPN	most probable number		WQCC	Water Quality Control Commission
NMAC	New Mexico Administrative Code		WWTF	Wastewater Treatment Facility

II. FINDINGS

In issuing this Discharge Permit, NMED finds the following.

1. The Permittee is discharging effluent or leachate from the Facility so that such effluent or leachate may move into groundwater of the State of New Mexico that has an existing concentration of 10,000 mg/L or less of TDS, within the meaning of Subsection A of 20.6.2.3101 NMAC, without exceeding standards of 20.6.2.3103 NMAC for any water contaminant.

2. The Permittee is discharging effluent or leachate from the Facility directly or indirectly

into groundwater pursuant to this Discharge Permit and Sections 20.6.2.3000 through 20.6.2.3114 NMAC.

3. The discharge from this Facility has the potential to contain water contaminants or toxic pollutants elevated above the standards of Section 20.6.2.3103 NMAC and is not subject to the exemption at Subsection 20.6.2.3105 NMAC.

III. AUTHORIZATION TO DISCHARGE

The Permittee is responsible for ensuring that discharges authorized by this Discharge Permit are consistent with the terms and conditions herein pursuant to 20.6.2.3104 NMAC.

This Discharge Permit authorizes the Permittee to discharge up to 15,500 gallons per day (gpd) of domestic wastewater to ten holding tanks and seventeen septic tank leach field systems.

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

IV. CONDITIONS

NMED issues this Discharge Permit for the discharge of water contaminants subject to the following conditions.

A. OPERATIONAL PLAN

#	Terms and Conditions
1.	The Permittee shall implement the following operational plan to ensure compliance with Title 20, Chapter 6, Parts 2 and 4 NMAC. [Subsection C of 20.6.2.3109 NMAC]
2.	The Permittee shall operate in a manner that does not violate standards and requirements of Sections 20.6.2.3101 and 20.6.2.3103 NMAC. [20.6.2.3101 NMAC, 20.6.2.3103 NMAC, Subsection C of 20.6.2.3109 NMAC]

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Operational Actions with Implementation Deadlines

#	Terms and Conditions
3.	Within 90 days following the issuance date of this Discharge Permit (**by DATE**), the Permittee shall submit an up-to-date diagram of the layout of the entire Facility to NMED. The diagram shall include the following elements: • a north arrow; • the issuance date of the diagram; • all components of the wastewater treatment and disposal system; including all septic tanks, leach fields, and holding tanks. The Permittee shall ensure that any element that cannot be directly shown due to its location inside of existing structures, or because it is buried without surface identification, shall be on the diagram in a schematic format and identified as such. [Subsection C of 20.6.2.3106 NMAC, Subsection A of 20.6.2.3107 NMAC]
4.	Within 180 days following the issuance date of this Discharge Permit (**by DATE**), the Permittee shall conduct an inspection and test for water-tight construction on four of the septic tanks. The Permittee will continue to test four different septic tanks every six months for the first two years of the permit term (five tanks in the last six-month period to total 17 tanks) until all septic tanks have had their water tightness verified. A person meeting the qualification requirements identified in Paragraph (2), Subsection B of 20.7.3.904 NMAC, Liquid Waste Disposal and Treatment Regulations, shall perform the inspection and test. The Permittee shall perform the water-tightness inspection according to the following procedures: a) Sampling of the contents of the unit and disposal of the contents in accordance with all local, state, and federal regulations, including 40 CFR Part 503. Inspection of the interior of the unit to determine the construction material, interior dimensions, and structural integrity. b) Collect photographic documentation of the condition of the interior of the unit while the unit is empty. Completion of water-tightness testing shall use one of the two following procedures. a) <u>Conducting hydrostatic testing</u> using the following procedure. 1) Plug the inlet and outlet piping of the unit. 2) Fill the unit with water to the normal operating level. 3) Measure the water level.

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#	Terms and Conditions
	4) Allow the water to stand for 60 minutes without the addition of water. 5) Measure the water level at the end of 60 minutes. A unit that does not allow a drop-in water level of greater than 0.01 feet in 60 minutes is considered to be watertight. **- OR –** b) Conducting vacuum testing using the following procedure. 1) Seal all openings to the unit. 2) Apply a vacuum of 50 millimeters (mm) of mercury to the unit. 3) Allow the unit to stand for two minutes without the application of additional vacuum. A watertight unit maintains at least 90% of the vacuum (i.e., greater than 45 mm of mercury) after two minutes. The Permittee shall keep a record of all inspection findings and water-tightness testing, including but not limited to a narrative description of the processes and date-stamped photographs. The Permittee shall submit a report for each unit inspected/tested to NMED in the next required periodic monitoring report. The report shall include the date of the inspection/test, the name of the individual that conducted the test, written inspection findings, photographic documentation of the unit's interior and water-tightness test results. In the event that water-tightness testing reveals that a unit is not watertight, or should inspection reveal damage to the unit that could result in structural failure, the Permittee shall notify NMED within 30 days of the inspection/test date. The Permittee shall implement the following corrective actions upon notification from NMED. a) Within 90 days following notification from NMED, repair or replace the unit. If notified to do so by NMED, the Permittee shall submit plans and specifications for the proposed repair or replacement 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). The Permittee shall submit plans and specifications to NMED prior to construction for evaluation of compliance with the requirements of 20.6.2 NMAC. b) Within 30 days following repair or replacement of the unit, repeat the water-tightness testing to verify the effectiveness of the repair or replacement, and submit

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#	Terms and Conditions
	a report to NMED. The report shall include the date of the inspection/test, the name of the individual that performed the inspection/test, written inspection findings, photographic documentation of the unit's interior and water tightness test results. If notified to do so by NMED, the Permittee shall also 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) that include the final, construction details of the unit. [Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]

Operating Conditions

#	Terms and Conditions
5.	The Permittee shall visually inspect the area above the leach fields (disposal system) monthly to ensure proper maintenance. The Permittee shall correct any conditions that indicate damage to the disposal system. The Permittee shall ensure conditions corrected include erosion damage, animal activity/damage, woody shrubs, evidence of seepage, or any other condition indicating damage. The Permittee shall keep a log of the inspections that includes a date of the inspection, any findings and repairs, and the name of the inspector. The Permittee shall make the log available to NMED upon request. In the event of a failure of the disposal system, the Permittee shall implement the Contingency Plan set forth in this Discharge Permit. [Subsections A and D of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]
6.	The Permittee shall inspect the septic tanks and holding tanks semi-annually for the accumulation of scum and solids. In the event that the scum layer exceeds three inches or the settled solids occupy 30% or more of the tank volume, the contents of the tanks shall be pumped by a septage pumper meeting the qualification requirements identified in Subsection D of 20.7.3.904 NMAC, Liquid Waste Disposal and Treatment Regulations. The Permittee shall create and maintain a log of all septic tank and holding tank inspections which describes the findings, repairs, and removals, the date of the inspection, and the name of the person responsible for the inspection. The Permittee shall make the log available to NMED upon request.

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#	Terms and Conditions
	The Permittee shall maintain a record of solids removal and disposal, including the name of the septage hauler, date of off-site shipment, volume of solids removed, disposal method, and disposal location. [Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]

B. MONITORING AND REPORTING

#	Terms and Conditions
7.	The Permittee shall conduct the monitoring, reporting, and other requirements listed below in accordance with the monitoring requirements of this Discharge Permit. [Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]
8.	METHODOLOGY – Unless otherwise specified by this Discharge Permit, or approved in writing by NMED, the Permittee shall use sampling and analytical techniques that conform with the references listed in Subsection B of 20.6.2.3107 NMAC. [Subsection B of 20.6.2.3107 NMAC]

Due Dates for Monitoring Reports

#	Terms and Conditions
9.	Quarterly monitoring - The Permittee shall perform monitoring and other Permit required actions during the following periods and shall submit quarterly reports to NMED by the following due dates: • January 1st through March 31st – **due by May 1st;** • April 1st through June 30th – **due by August 1st;** • July 1st through September 30th – **due by November 1st; and** • October 1st through December 31st – **due by February 1st.** [Subsection A of 20.6.2.3107 NMAC]

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Monitoring Actions with Implementation Deadlines

#	Terms and Conditions
10.	Within 60 days following the issuance date of this Discharge Permit (**by DATE**), the Permittee shall submit a written groundwater monitoring well location proposal for NMED review and approval. The proposal shall designate the installation locations of the monitoring wells required by this Discharge Permit. The proposal shall include, at a minimum, the following information. a) A map showing the proposed location of the monitoring wells in relation to the boundary of the source it is intended to monitor. b) A written description of the specific location proposed for the monitoring wells including the distance (in feet) and direction of the monitoring wells from the edge of the source it is intended to monitor and the latitude and longitude coordinates for each well in decimal format. Examples include: 35 feet north-northwest of the northern berm of the synthetically lined impoundment and 35.898306 and -107.281519; 45 feet due south of the leach field and 35.898306 and -107.281519; and 30 feet southeast of the reuse area and 35.898306 and -107.281519. c) A statement describing the groundwater flow direction beneath the Facility, and documentation and/or data supporting the determination. The Permittee must have NMED's approval of all monitoring well locations prior to their installation. [Subsection A of 20.6.2.3107 NMAC]
11.	Within 120 days of the issuance date of this Discharge Permit (**by DATE**), the Permittee shall install the following new monitoring wells. a) One monitoring well (MW-1) located hydrologically upgradient of the Facility. b) One monitoring well (MW-2) located 20 to 50 feet hydrologically downgradient of the leach fields that serve the row of RV spaces adjacent to the office building. The Permittee shall complete the wells in accordance with the attached Monitoring Well Guidance. The Permittee shall affix a permanent label with the well identification number above. Unless otherwise noted in this Discharge Permit, the requirement to install a monitoring well downgradient of a source is <u>not</u> contingent upon construction of the Facility, or discharge of wastewater from the Facility. [Subsection A of 20.6.2.3107 NMAC]

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#	Terms and Conditions
12.	Following the installation of the monitoring wells required by this Discharge Permit, the Permittee shall sample groundwater in the wells and analyze the samples for TKN, NO_3-N, TDS, and Cl. The Permittee shall perform groundwater sample collection, preservation, transport, and analysis according to the following procedure. a) Measure the depth-to-most-shallow groundwater from the top of the well casing to the nearest one-hundredth of a foot. b) Purge three well volumes of water from the well prior to sample collection using the attached Purge Chart. c) Obtain samples from the well for analysis. d) Properly prepare, preserve, and transport samples. e) Analyze samples in accordance with the methods authorized in this Discharge Permit. Within 45 days of the installation of the monitoring wells the Permittee shall submit a well completion report to NMED. A well completion report shall at a minimum include: the Office of the State Engineer permit, well construction and lithologic logs, latitude and longitude coordinates for each well in decimal format, depth-to-most-shallow groundwater measurements, analytical results including the laboratory QA/QC summary report, and a facility layout map showing the location and number of each well. The Permittee shall ensure the well completion report addresses each numbered item in the General Drilling and Well Specifications in the attached Monitoring Well Guidelines. [Subsection A of 20.6.2.3107 NMAC]
13.	Within 150 days following the issuance date of this Discharge Permit (**by DATE**), the Permittee shall perform a professional survey of all groundwater monitoring wells approved by NMED for Discharge Permit monitoring purposes. The survey shall be tied or referenced to a U.S. Geological Survey (USGS) or other permanent benchmark. Survey data shall include northing, easting and elevation to the nearest one-hundredth of a foot or shall be in accordance with the "Minimum Standards for Surveying in New Mexico" (12.8.2 NMAC). The survey shall bear the seal and signature of a licensed New Mexico professional surveyor (pursuant to the New Mexico Engineering and Surveying Practice Act and the rules promulgated under that authority). The Permittee shall utilize the survey to establish an elevation at the top-of-casing, with a permanent marking indicating the point of elevation. The Permittee shall submit the survey to NMED within 30 days of survey completion. [Subsection A of 20.6.2.3107 NMAC, NMSA 1978, §§ 61-23-1 through 61-23-32]

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Groundwater Monitoring Conditions

#	Terms and Conditions
14.	The Permittee shall perform semi-annual groundwater sampling in the following groundwater monitoring wells and analyze the samples for TKN, NO_3-N, TDS, and Cl. a) MW-1, to be located hydrologically upgradient of the Facility. b) MW-2, to be located 20 to 50 feet hydrologically downgradient of the leach fields that serve the row of RV spaces adjacent to the office building. The Permittee shall perform groundwater sample collection, preservation, transport, and analysis according to the following procedures. a) Measure the depth-to-most-shallow groundwater from the top of the well casing to the nearest one-hundredth of a foot. b) Purge three well volumes of water from the well prior to sample collection. c) Obtain samples from the well for analysis. d) Properly prepare, preserve, and transport samples. e) Analyze samples in accordance with the methods authorized in this Discharge Permit. The Permittee shall submit the depth-to-most-shallow groundwater measurements and the laboratory analytical data results including the laboratory QA/QC summary report and Chain of Custody for each well, to NMED in the quarterly monitoring reports. [Subsection A of 20.6.2.3107 NMAC]
15.	NMED shall have the option to perform downhole inspections of all groundwater monitoring wells identified in this Discharge Permit. NMED shall establish the inspection date and notify the Permittee. The Permittee shall remove any existing dedicated pumps at least 48 hours prior to NMED inspection to allow adequate settling time of sediment agitated from pump removal. Should the Permittee decide to install a pump in a monitoring well without a dedicated pump, the Permittee shall notify NMED at least 90 days prior to pump installation so that NMED can schedule a downhole well inspection prior to pump placement. [Subsections A and D of 20.6.2.3107 NMAC]

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Facility Monitoring Conditions

#	Terms and Conditions
16.	The Permittee shall on a monthly basis estimate the volume of wastewater received by the Facility by using water bills from the City of Bloomfield showing the amount of water received by the Facility. 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 received. The Permittee shall submit the monthly water bills, notes, and estimated volume of significant uses to NMED in the quarterly monitoring reports. [Subsection A of 20.6.2.3107 NMAC, Subsections C and H of 20.6.2.3109 NMAC]
17.	The Permittee shall submit all records of solids removal and disposal to NMED in the quarterly monitoring reports. [Subsection A of 20.6.2.3107 NMAC]
18.	The Permittee shall log the number of occupied RV sites at the Facility on a daily basis (one occupied site is equivalent to one "site-day"). Using the log, the Permittee shall calculate the total number of "site-days" for each month. The Permittee shall submit the total monthly "site-day" values in the quarterly monitoring reports. [Subsection A of 20.6.2.3107 NMAC]

C. CONTINGENCY PLAN

#	Terms and Conditions
19.	In the event that groundwater monitoring indicates that groundwater exceeds a standard identified in Section 20.6.2.3103 NMAC, the Permittee shall collect a confirmatory sample from the monitoring well within 15 days of receipt of the initial sampling results to confirm the initial sampling results. Within 60 days of confirmation of groundwater contamination, the Permittee shall submit to NMED a Corrective Action Plan (CAP) that proposes, at a minimum, contaminant source control measures and an implementation schedule. The Permittee shall implement the CAP as approved by NMED.

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#	Terms and Conditions
	This condition shall apply until the Permittee completes groundwater monitoring for a minimum of eight (8) consecutive quarterly samples demonstrating groundwater does not exceed the standards of Section 20.6.2.3103 NMAC. Violation of the groundwater standard beyond 180 days after the confirmation of groundwater contamination may cause NMED to require the Permittee to abate water pollution consistent with the requirements and provisions of Section 20.6.2.4101, Section 20.6.2.4103, Subsections C and E of 20.6.2.4106, Section 20.6.2.4107, Section 20.6.2.4108 and Section 20.6.2.4112 NMAC. [20.6.2.3103 NMAC, Subsection A of 20.6.2.3107 NMAC, Subsection E of 20.6.2.3109 NMAC]
20.	In the event that information available to NMED indicates that a well is not constructed in a manner consistent with the attached Monitoring Well Guidance, contains insufficient water to effectively monitor groundwater quality, or is otherwise not completed in a manner that is protective of groundwater quality, the Permittee shall install a replacement well(s) within 120 days following notification from NMED. The Permittee shall install replacement well(s) at locations approved by NMED prior to installation and shall complete replacement well(s) in accordance with the attached Monitoring Well Guidance. The Permittee shall submit well construction and lithologic logs to NMED within 60 days following well completion. The Permittee shall properly plug and abandon monitoring well(s) requiring replacement upon completion of the replacement monitoring well(s). The Permittee shall complete the well plugging and abandonment, and shall document the abandonment procedures, in accordance with the attached Monitoring Well Guidance and all applicable local, state, and federal regulations. The Permittee shall submit a copy of the well abandonment documentation to NMED within 60 days following the replacement well(s) completion. [Subsection A of 20.6.2.3107 NMAC]
21.	In the event that groundwater flow information obtained pursuant to this Discharge Permit indicates that a monitoring well is not appropriately located, e.g., hydrologically downgradient of the discharge location it is intended to monitor, the Permittee shall install a replacement well within 120 days following notification from NMED. The Permittee shall survey the replacement monitoring well within 30 days following well completion.

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#	Terms and Conditions
	The Permittee shall install the replacement well at the location approved by NMED prior to installation and shall complete the replacement well in accordance with the attached Monitoring Well Guidance. The Permittee shall submit construction and lithologic logs, survey data and a groundwater elevation contour map within 60 days following well completion. The Permittee shall properly plug and abandon a monitoring well requiring replacement upon completion of the replacement monitoring well. The Permittee shall complete the well plugging and abandonment, and shall document the abandonment procedures, in accordance with the attached Monitoring Well Guidance and all applicable local, state, and federal regulations. The Permittee shall submit a copy of the well abandonment documentation to NMED within 60 days following the replacement well completion. [Subsection A of 20.6.2.3107 NMAC]
22.	In the event that the Facility exceeds the authorized discharge volume set in this Discharge Permit, the Permittee shall initiate the following Contingency Plan. <u>Contingency Plan</u> a) Notify NMED within seven days of the discovery of the discharge volume exceedance that the Facility exceeded the authorized discharge volume. b) The Permittee shall conduct a physical inspection of the discharge system, i.e., inflow and infiltration issues, collection system failures, etc., and the method to detect abnormalities and report the findings to NMED within 30 days of the discovery of the discharge volume exceedance. The Permittee shall correct any abnormalities detected with NMED's concurrence. c) If the Permittee does not detect any abnormalities and with NMED's concurrence, the Permittee shall submit a discharge permit modification for the increase in discharge quantity to NMED within 90 days of the discovery of the discharge volume exceedance. The discharge permit modification must include demonstration that the volume increase is sufficient for the design capacity or plans and specifications to upgrade the system to accommodate the discharge volume increase. [Subsection A of 20.6.2.3107 NMAC]
23.	In the event that the Permittee identifies failure of a leach field, such as surfacing wastewater, the Permittee shall implement the following Contingency Plan. a) Within 24 hours following the discovered failure, the Permittee shall: i) Notify NMED of the failure in accordance with the notification requirements described in the Contingency Plan for unauthorized discharges; and

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#	Terms and Conditions
	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 and record them in the inspection log. c) The Permittee shall propose actions to address the failure and methods of correction by submitting a CAP to NMED for approval within 15 days following the discovered failure. The Permittee shall ensure the CAP includes a schedule for completion of corrective actions. The Permittee shall initiate implementation of the CAP following NMED approval. [Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]
24.	In the event that a release occurs that is not authorized under this Discharge Permit (commonly known as a "spill"), the Permittee shall take measures to mitigate damage from the unauthorized discharge and initiate the notifications and corrective actions required in Section 20.6.2.1203 NMAC and summarized below. A release is defined as such quantity as may with reasonable probability injure or be detrimental to human health, animal or plant life, or property, or unreasonably interfere with the public welfare or the use of property. Within 24 hours following discovery of the unauthorized discharge, the Permittee shall verbally notify NMED and provide the following information. 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. Within one week following discovery of the unauthorized discharge, the Permittee shall submit written notification to NMED providing the information listed above and any pertinent updates. Within 15 days following discovery of the unauthorized discharge, the Permittee shall submit a CAP to NMED describing any corrective actions previously taken and corrective actions to be taken relative to the unauthorized discharge. The CAP shall include the following information. a) A description of proposed actions to mitigate damage from the unauthorized discharge.

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#	Terms and Conditions
	b) A description of proposed actions to prevent future unauthorized discharges of this nature. c) A schedule for completion of proposed actions. In the event that the unauthorized discharge causes or may with reasonable probability cause water pollution in excess of the standards and requirements of Section 20.6.2.4103 NMAC, and the water pollution will not be abated within 180 days after notice is required to be given pursuant to Paragraph (1) of Subsection A of 20.6.2.1203 NMAC, NMED may require the Permittee to abate water pollution pursuant to Sections 20.6.2.4000 through 20.6.2.4115 NMAC. The Permittee shall not construe anything in this condition as relieving them of the obligation to comply with all requirements of Section 20.6.2.1203 NMAC. [20.6.2.1203 NMAC]
25.	In the event that NMED or the Permittee identifies any failures of the discharge plan, i.e., the application, or this Discharge Permit not specifically noted herein, NMED may require the Permittee to submit a CAP and a schedule for completion of corrective actions to address the failure(s). Additionally, NMED may require a discharge permit modification to achieve compliance with 20.6.2 NMAC. [Subsection A of 20.6.2.3107 NMAC, Subsection E of 20.6.2.3109 NMAC]

D. CLOSURE PLAN

Permanent Facility Closure Conditions

#	Terms and Conditions
26.	The Permittee shall perform the following closure measures in the event the Facility, or a component of the Facility, is proposed to be permanently closed, and upon ceasing discharge. Within 90 days of ceasing discharge to the septic tank leach field system(s) (or closed system components), the Permittee shall complete the following closure measures: 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

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#	Terms and Conditions
	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. Within 180 days of ceasing discharge to the septic tank leach field system(s) (or closed system components), the Permittee shall complete the following closure measures: 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 leach fields) and re-grade the area with suitable fill to blend with surface topography to promote positive drainage and prevent ponding. The Permittee shall continue groundwater monitoring until the Permittee meets the requirements of this condition and groundwater monitoring confirms for a minimum of eight consecutive quarterly groundwater sampling events that groundwater does not exceed the standards of Section 20.6.2.3103 NMAC. This period is referred to as "post-closure." If at any time monitoring results show an exceedance of a groundwater quality standard in Section 20.6.2.3103 NMAC or the total nitrogen concentration is greater than 10 mg/L in groundwater, the Permittee shall implement the Contingency Plan required by this Discharge Permit. Following notification from NMED that the Permittee may cease post-closure monitoring, the Permittee shall plug and abandon the monitoring well(s) in accordance with the attached Monitoring Well Guidance. When the Permittee has met all closure and post-closure requirements and verified appropriate actions with date stamped photographic evidence or an associated NMED inspection, the Permittee may submit to NMED a written request, including photographic evidence, for termination of the Discharge Permit. [Subsection A of 20.6.2.3107 NMAC, 40 CFR Part 503

E. GENERAL TERMS AND CONDITIONS

#	Terms and Conditions
27.	RECORD KEEPING - The Permittee shall maintain a written record of the following: • Information and data used to complete the application for this Discharge Permit;

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#	Terms and Conditions

	• Information, data, and documents demonstrating completion of closure activities;
	• Any releases (commonly known as "spills") not authorized under this Discharge Permit and reports submitted pursuant to 20.6.2.1203 NMAC;
	• The operation, maintenance, and repair of all facilities/equipment used to treat, store or dispose of wastewater;
	• 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;
	• Copies of logs, inspection reports, and monitoring reports completed and/or submitted to NMED pursuant to this Discharge Permit;
	• The volume of wastewater or other wastes discharged pursuant to this Discharge Permit;
	• Groundwater quality and wastewater quality data collected pursuant to this Discharge Permit;
	• Copies of construction records (well log) for all sampled groundwater monitoring wells pursuant to this Discharge Permit;
	• The maintenance, repair, replacement or calibration of any monitoring equipment or flow measurement devices required by this Discharge Permit; and
	• Data and information related to field measurements, sampling, and analysis conducted pursuant to this Discharge Permit, including:
	  ○ the dates, location and times of sampling or field measurements;
	  ○ the name and job title of the individuals who performed each sample collection or field measurement;
	  ○ the sample analysis date of each sample;
	  ○ the name and address of the laboratory, and the name of the signatory authority for the laboratory analysis;
	  ○ the analytical technique or method used to analyze each sample or collect each field measurement;
	  ○ the results of each analysis or field measurement, including raw data;
	  ○ the results of any split, spiked, duplicate or repeat sample; and
	  ○ a copy of the laboratory analysis chain-of-custody as well as a description of the quality assurance and quality control procedures used.
	
	The Permittee shall maintain the written record at a location accessible to NMED during a Facility inspection for a minimum of five years. The Permittee shall make the record available to NMED upon request.
	
	[Subsections A and D of 20.6.2.3107 NMAC]

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#	Terms and Conditions
28.	SUBMITTALS – The Permittee shall submit both a paper copy and an electronic copy of all notification and reporting documents required by this Discharge Permit, e.g., monitoring reports. The Permittee shall submit paper and electronic documents to the NMED Permit Contact identified on the Permit cover page. [Subsection A of 20.6.2.3107 NMAC]
29.	INSPECTION and ENTRY – The Permittee shall allow NMED to inspect the Facility and its operations that are subject to this Discharge Permit and the WQCC regulations. NMED may upon presentation of proper credentials, enter at reasonable times upon or through any premises in which a water contaminant source is located or in which any maintained records required by this Discharge Permit, the regulations of the federal government, or the WQCC are located. 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. No person shall construe anything in this Discharge Permit as limiting in any way the inspection and entry authority of NMED under the WQA, the WQCC Regulations, or any other local, state or federal regulations. [Subsection D of 20.6.2.3107 NMAC, NMSA 1978, §§ 74-6-9.B and 74-6-9.E]
30.	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. [Subsection D of 20.6.2.3107 NMAC]
31.	MODIFICATIONS and/or AMENDMENTS – In the event the Permittee proposes a change to the Facility or the Facility's discharge that would result in a change in the volume discharged; the location of the discharge; or in the amount or character of water contaminants received, treated or discharged by the Facility, the Permittee shall notify NMED prior to implementing such changes. The Permittee shall obtain NMED's approval (which may require modification of this Discharge Permit) prior to implementing such changes. [Subsection C of 20.6.2.3107 NMAC, Subsections E and G of 20.6.2.3109 NMAC]

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#	Terms and Conditions
32.	PLANS and SPECIFICATIONS – In the event the Permittee proposes to construct a wastewater system or change a process unit of an existing system such that the quantity or quality of the discharge will change substantially from that authorized by this Discharge Permit, the Permittee shall submit construction plans and specifications of the proposed system or process unit to NMED for approval prior to the commencement of construction. In the event the Permittee implements changes to the wastewater system authorized by this Discharge Permit that result in only a minor effect on the character of the discharge, the Permittee shall report such changes (including the submission of record drawings where applicable) to NMED prior to implementation. [Subsections A and C of 20.6.2.1202 NMAC, NMSA 1978, §§ 61-23-1 through 61-23-32]
33.	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. [20.6.2.1220 NMAC, NMSA 1978, §§ 74-6-10 and 74-6-10.1]
34.	CRIMINAL PENALTIES – No person shall: • Make any false material statement, representation, certification or omission of material fact in an application, record, report, plan or other document filed, submitted or maintained under the WQA; • Falsify, tamper with or render inaccurate any monitoring device, method or record maintained under the WQA; or • Fail to monitor, sample or report as required by a permit issued pursuant to a state or federal law or regulation.

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#	Terms and Conditions
	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. [20.6.2.1220 NMAC, NMSA 1978, §§ 74-6-10.2.A through 74-6-10.2.F]
35.	COMPLIANCE with OTHER LAWS - Nothing in this Discharge Permit shall be construed in any way as relieving the Permittee of the obligation to comply with any other applicable federal, state, and/or local laws, regulations, zoning requirements, nuisance ordinances, permits or orders. [NMSA 1978, § 74-6-5.L]
36.	RIGHT to APPEAL - The Permittee may file a petition for review before the WQCC on this Discharge Permit. Such petition shall be in writing to the WQCC within thirty days of the receipt of postal notice of this Discharge Permit and shall include a statement of the issues raised and the relief sought. Unless the Permittee files a timely petition for review, the decision of NMED shall be final and not subject to judicial review. [20.6.2.3112 NMAC, NMSA 1978, § 74-6-5.O]
37.	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; • Include a copy of this Discharge Permit with the notice; and • Deliver or send by certified mail to NMED a copy of the notification and proof that the proposed transferee has received such notification. The Permittee shall continue to be responsible for any discharge from the Facility, until both ownership and possession of the Facility have been transferred to the transferee.

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#	Terms and Conditions
	[20.6.2.3111 NMAC]
38.	PERMIT FEES – The Permittee shall be aware that the payment of permit fees is due at the time of Discharge Permit approval. The Permittee may pay the permit fees in a single payment or they may pay the fee in equal installments on a yearly basis over the term of the Discharge Permit. The Permittee shall remit single payments to NMED no later than 30 days after the Discharge Permit issuance date. The Permittee shall remit initial installment payments to NMED no later than 30 days after the Discharge Permit issuance date; with subsequent installment payments remitted to NMED no later than the anniversary of the Discharge Permit issuance date. Permit fees are associated with issuance of this Discharge Permit. No person shall construe anything in this Discharge Permit as relieving the Permittee of the obligation to pay all permit fees assessed by NMED. A Permittee that ceases discharging or does not commence discharging from the Facility during the term of the Discharge Permit shall pay all permit fees assessed by NMED. NMED shall suspend or terminate an approved Discharge Permit if the Permittee fails to remit an installment payment by its due date. [Subsection F of 20.6.2.3114 NMAC, NMSA 1978, § 74-6-5.K]

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New Mexico Environment Department Ground Water Quality Bureau
Discharge Permit Summary

Facility Information

Facility Name Lee Acres RV Park
Discharge Permit Number DP-1725

Legally Responsible Party

Clayton Revocable Trust
Lorrollee Hamill, Trustee and Manager
2102 N Lee Avenue
Farmington, New Mexico 87402
(505) 402-9653

Treatment, Disposal and Site Information

Primary Waste Type Domestic
Facility Type RV Park

Treatment Methods & Discharge Locations

Type	Designation	Description & Comments
Septic Tank with Leach Field	STLF-1	Concrete tank to perforated pipe and gravel. 1,500-gallon capacity. Location TBD
Septic Tank with Leach Field	STLF-2	Concrete tank to perforated pipe and gravel. 1,500-gallon capacity. Location TBD
Septic Tank with Leach Field	STLF-3	Concrete tank to perforated pipe and gravel. 1,500-gallon capacity. Location TBD
Septic Tank with Leach Field	STLF-4	Concrete tank to perforated pipe and gravel. 1,500-gallon capacity. Location TBD
Septic Tank with Leach Field	STLF-5	Concrete tank to perforated pipe and gravel. 1,500-gallon capacity. Location TBD
Septic Tank with Leach Field	STLF-6	Concrete tank to perforated pipe and gravel. 1,500-gallon capacity. Location TBD
Septic Tank with Leach Field	STLF-7	Concrete tank to perforated pipe and gravel. 1,500-gallon capacity. Location TBD
Septic Tank with Leach Field	STLF-8	Concrete tank to perforated pipe and gravel. 1,500-gallon capacity. Location TBD
Septic Tank with Leach Field	STLF-9	Concrete tank to perforated pipe and gravel. 1,500-gallon capacity. Location TBD
Septic Tank with Leach Field	STLF-10	Concrete tank to perforated pipe and gravel. 1,000-gallon capacity. Location TBD
Septic Tank with Leach Field	STLF-11	Capacity and location TBD
Septic Tank with Leach Field	STLF-12	Capacity and location TBD
Septic Tank with Leach Field	STLF-13	Capacity and location TBD
Septic Tank with Leach Field	STLF-14	Capacity and location TBD
Septic Tank with Leach Field	STLF-15	Capacity and location TBD

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Septic Tank with Leach Field	STLF-16	Capacity and location TBD
Septic Tank with Leach Field	STLF-17	Capacity and location TBD
Holding Tank	HT-1	Capacity and location TBD
Holding Tank	HT-2	Capacity and location TBD
Holding Tank	HT-3	Capacity and location TBD
Holding Tank	HT-4	Capacity and location TBD
Holding Tank	HT-5	Capacity and location TBD
Holding Tank	HT-6	Capacity and location TBD
Holding Tank	HT-7	Capacity and location TBD
Holding Tank	HT-8	Capacity and location TBD
Holding Tank	HT-9	Capacity and location TBD
Holding Tank	HT-10	Capacity and location TBD

Ground Water Monitoring Locations

Type	Designation	Description & Comments
Monitoring Well	MW-1	To be located hydrologically upgradient of the Facility
Monitoring Well	MW-2	To be located hydrologically downgradient of the Facility

Depth-to-Ground Water 5 feet
Total Dissolved Solids (TDS) 1,000 mg/L

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Permit Information

Current Action **New Permit**
Application Received September 16, 2025
Public Notice Published [not yet published]
Permit Issued (Issuance Date) [issuance date]
Permitted Discharge Volume 15,500 gallons per day

NMED Contact Information

Mailing Address
Ground Water Quality Bureau
P.O. Box 5469
Santa Fe, New Mexico 87502-5469

GWQB Telephone Number	(505) 827-2900
NMED Lead Staff	Samantha Peterson
Lead Staff Telephone Number	(505) 490-5282
Lead Staff Email	samantha.peterson@env.nm.gov or pps.general@env.nm.gov

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NEW MEXICO ENVIRONMENT DEPARTMENT
GROUND WATER QUALITY BUREAU
MONITORING WELL CONSTRUCTION AND ABANDONMENT GUIDELINES

Purpose: These guidelines identify minimum construction and abandonment details for installation of water table monitoring wells under groundwater Discharge Permits issued by the NMED's Ground Water Quality Bureau (GWQB) and Abatement Plans approved by the GWQB. Proposed locations of monitoring wells required under Discharge Permits and Abatement Plans and requests to use alternate installation and/or construction methods for water table monitoring wells or other types of monitoring wells (e.g., deep monitoring wells for delineation of vertical extent of contaminants) must be submitted to the GWQB for approval prior to drilling and construction.

General Drilling Specifications:

1. All well drilling activities must be performed by an individual with a current and valid well driller license issued by the State of New Mexico in accordance with 19.27.4 NMAC. Use of drillers with environmental well drilling experience and expertise is highly recommended.
2. Drilling methods that allow for accurate determinations of water table locations must be employed. All drill bits, drill rods, and down-hole tools must be thoroughly cleaned immediately prior to the start of drilling. The borehole diameter must be drilled a minimum of 4 inches larger than the casing diameter to allow for the emplacement of sand and sealant.
3. After completion, the well should be allowed to stabilize for a minimum of 12 hours before development is initiated.
4. The well must be developed so that formation water flows freely through the screen and is not turbid, and all sediment and drilling disturbances are removed from the well.

Well Specifications (see attached monitoring well schematic):

5. Schedule 40 (or heavier) polyvinyl chloride (PVC) pipe, stainless steel pipe, carbon steel pipe, or pipe of an alternate appropriate material that has been approved for use by NMED must be used as casing. The casing must have an inside diameter not less than 2 inches. The casing material selected for use must be compatible with the anticipated chemistry of the groundwater and appropriate for the contaminants of interest at the facility. The casing material and thickness selected for use must have sufficient collapse strength to withstand the pressure exerted by grouts used as annular seals and thermal properties sufficient to withstand the heat generated by the hydration of cement-based grouts. Casing sections may be joined using welded, threaded, or mechanically locking joints; the method selected must provide sufficient joint strength for the specific well installation. The casing must extend from the top of the screen to at least one foot above ground surface. The top of the casing must be fitted with a removable cap, and the exposed casing must be protected by a locking steel well shroud. The shroud must be large enough in diameter to allow easy access for removal of the cap. Alternatively, monitoring wells may be completed below grade. In this case, the casing must extend from the top of the screen to 6 to 12 inches below the ground surface; the monitoring wells must be sealed with locking, expandable well plugs; a flush-mount, watertight well vault that is rated to withstand traffic loads must be emplaced around the wellhead; and the cover must be secured with at least one bolt. The vault cover must indicate that the wellhead of a monitoring well is contained within the vault.
6. A 20-foot section (maximum) of continuous-slot, machine slotted, or other manufactured PVC or stainless steel well screen or well screen of an alternate appropriate material that has been approved for use by NMED must be installed across the water table. Screens created by cutting slots into solid casing with saws or other tools must not be used. The screen material selected for use must be compatible with the anticipated chemistry of the ground water and appropriate for the contaminants of interest at the facility. Screen sections may be joined using welded, threaded, or mechanically

locking joints; the method selected must provide sufficient joint strength for the specific well installation and must not introduce constituents that may reasonably be considered contaminants of interest at the facility. A cap must be attached to the bottom of the well screen; sumps (i.e., casing attached to the bottom of a well screen) should not be installed. The bottom of the screen must be installed no more than 15 feet below the water table; the top of the well screen must be positioned not less than 5 feet above the water table. The well screen slots must be appropriately sized for the formation materials and should be selected to retain 90 percent of the filter pack. A slot size of 0.010 inches is generally adequate for most installations.

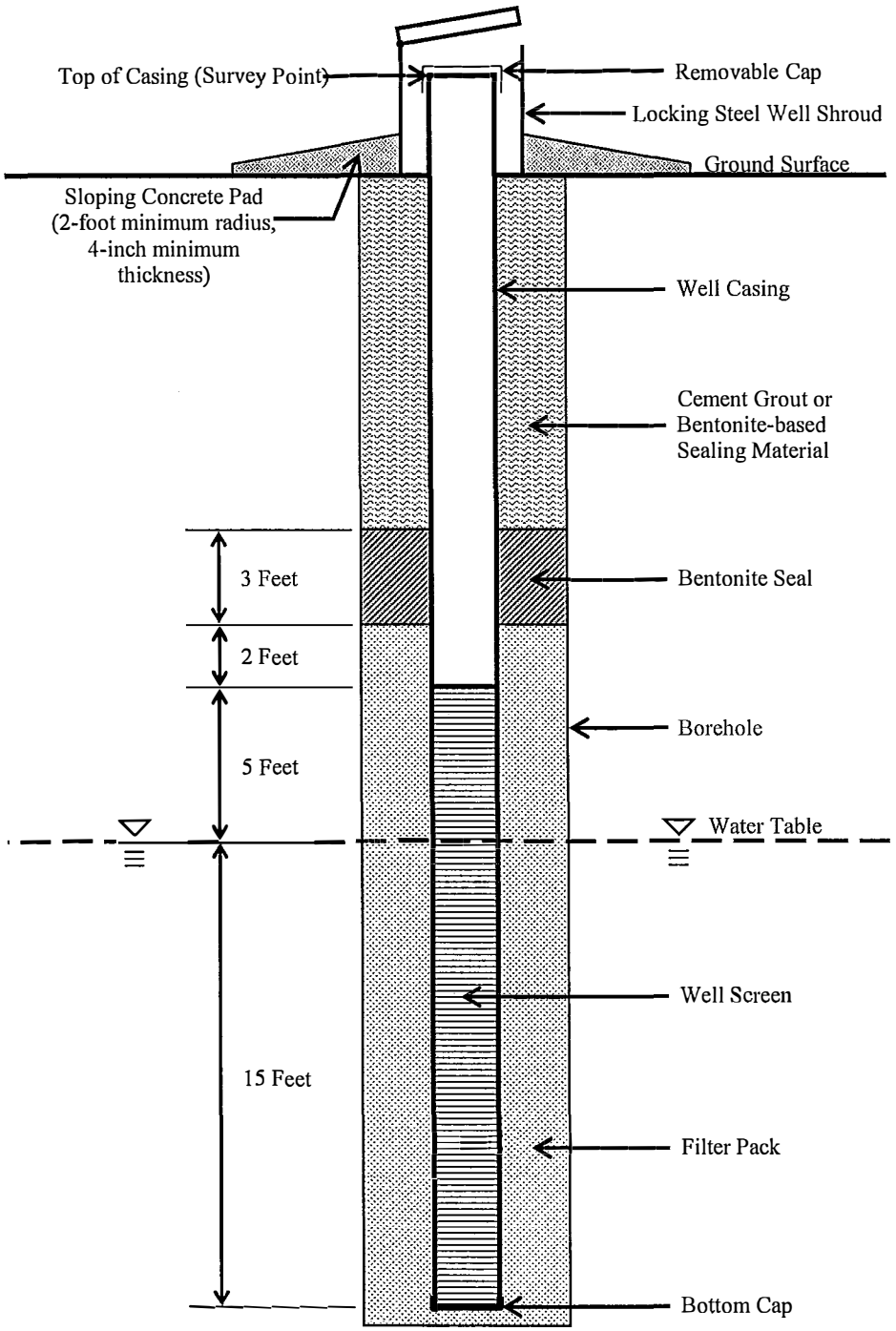
7. Casing and well screen must be centered in the borehole by placing centralizers near the top and bottom of the well screen.
8. A filter pack must be installed around the screen by filling the annular space from the bottom of the screen to 2 feet above the top of the screen with clean silica sand. The filter pack must be properly sized to prevent fine particles in the formation from entering the well; clean medium to coarse silica sand is generally adequate as filter pack material for 0.010-inch slotted well screen. For wells deeper than 30 feet, the sand must be emplaced by a tremmie pipe. The well should be surged or bailed to settle the filter pack and additional sand added, if necessary, before the bentonite seal is emplaced.
9. A bentonite seal must be constructed immediately above the filter pack by emplacing bentonite chips or pellets (3/8-inch in size or smaller) in a manner that prevents bridging of the chips/pellets in the annular space. The bentonite seal must be 3 feet in thickness and hydrated with clean water. Adequate time should be allowed for expansion of the bentonite seal before installation of the annular space seal.
10. The annular space above the bentonite seal must be sealed with cement grout or a bentonite-based sealing material acceptable to the State Engineer pursuant to 19.27.4 NMAC. A tremmie pipe must be used when placing sealing materials at depths greater than 20 feet below the ground surface. Annular space seals must extend from the top of the bentonite seal to the ground surface (for wells completed above grade) or to a level 3 to 6 inches below the top of casing (for wells completed below grade).
11. For monitoring wells finished above grade, a concrete pad (2-foot minimum radius, 4-inch minimum thickness) must be poured around the shroud and wellhead. The concrete and surrounding soil must be sloped to direct rainfall and runoff away from the wellhead. The installation of steel posts around the well shroud and wellhead is recommended for monitoring wells finished above grade to protect the wellhead from damage by vehicles or equipment. For monitoring wells finished below grade, a concrete pad (2-foot minimum radius, 4-inch minimum thickness) must be poured around the well vault and wellhead. The concrete and surrounding soil must be sloped to direct rainfall and runoff away from the well vault.

Abandonment:

12. Approval for abandonment of monitoring wells used for ground water monitoring in accordance with Discharge Permit and Abatement Plan requirements must be obtained from NMED prior to abandonment.
13. Well abandonment must be accomplished by removing the well casing and placing neat cement grout, bentonite-based plugging material, or other sealing material approved by the State Engineer for wells that encounter water pursuant to 19.27.4 NMAC from the bottom of the borehole to the ground surface using a tremmie pipe. If the casing cannot be removed, neat cement grout, bentonite-based plugging material, or other sealing material approved by the State Engineer must be placed in the well using a tremmie pipe from the bottom of the well to the ground surface.
14. After abandonment, written notification describing the well abandonment must be submitted to the NMED. Written notification of well abandonment must consist of a copy of the well plugging record submitted to the State Engineer in accordance with 19.27.4 NMAC, or alternate documentation containing the information to be provided in a well plugging record required by the State Engineer as specified in 19.27.4 NMAC.

Deviation from Monitoring Well Construction and Abandonment Requirements: Requests to construct water table monitoring wells or other types of monitoring wells for groundwater monitoring under groundwater Discharge Permits or Abatement Plans in a manner that deviates from the specified requirements must be submitted in writing to the GWQB. Each request must state the rationale for the proposed deviation from these requirements and provide detailed evidence supporting the request. The GWQB will approve or deny requests to deviate from these requirements in writing.

MONITORING WELL SCHEMATIC
(Not to Scale)



New Mexico Environment Department - Ground Water Quality Bureau

Guidance: How To Sample A Monitoring Well

	Tools Needed Checklist	Check box
1	**Long measuring tape** (You'll need it to be long enough to reach the bottom of your well) Or **electronic water level meter**.	
2	**Bailer(s)**: A 5 ft section of 2 or 3 inch PVC pipe with a check valve on one end and a wire loop on the other allowing you to lower it down the well with rope and pull it up full of water. Or **Submersible Pump**: A portable generator/battery may be required if an electrical source is not available.	
3	**Sample containers**: Clean plastic gallon containers or sample bottles supplied by the lab. The number of containers you need will depend on the lab's requirements, contact the lab for instructions. Generally, you can use one container for Total Kjedahl Nitrogen (TKN) and Nitrate (NO3-N) and another for Total Dissolved Solids (TDS) and Chloride (Cl).	
4	**Distilled water (DI) and bucket**	
5	**Gloves**	
6	**Pen, Paper, Calculator**	
7	**Copy of your discharge permit with a site map and monitoring well (MW) logs**	
8	**Cooler with Ice**	

	Tips for using a Bailer
1	Before lowering the bailer into the well check to see that it is securely fastened to the rope. Secure the other end of the rope to prevent losing the bailer down the well.
2	Lower the bailer into the well in a controlled manner until it hits the water. (You will either hear it hit the water or feel the difference in the tension of the rope.)
3	Lower the bailer a few more feet and allow it to fill with water. Try to keep the bailer near the surface of the water to prevent collecting sediment.
4	Repeat the process as many times as necessary to purge and sample required volume.
5	If you are sampling alone, use the tarp to keep your rope and bailer from touching the soil.
6	Test the check valve periodically to prevent clogging.

Example Sample Label

Site Name: _____ DP #: _____

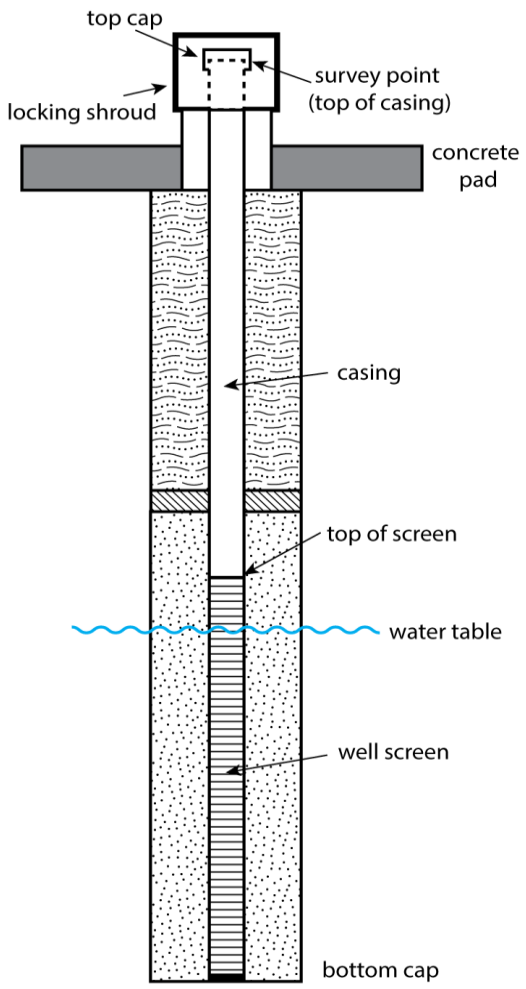
Sample Location (e.g. MW-1): _____

Sampled for (e.g. nitrate): _____

Sampled by: _____

Date: Time:

Generalized MW Schematic



Generalized MW Scematic (not to scale)

Sampling Procedures

New Mexico Environment Department - Ground Water Quality Bureau
Guidance: How To Sample A Monitoring Well

1	Review your discharge permit and monitoring well information and note the following: 1) Monitoring requirements (e.g. ground water and/or wastewater) and reporting due dates 2) Required sampling constituents (e.g. TKN, Nitrate, TDS, Cl). 3) Number and location of monitoring well(s). **Start at the upgradient monitoring well** 4) Record Total Well Depth, as taken from monitoring well log in Column D of Table 2
2	Select lab and contact lab (if needed) for specific procedures or requirements (e.g. sample preservation).
3	Prep Equipment. Review checklist and make sure equipment is clean
4	Label sample containers with waterproof marker and sure you include all information required by the lab. Example of a sample label is provided below.
5	Locate Monitoring wells and set up a clean tarp or plastic sheet around well. Use this sheet to keep your equipment and samples from touching the soil.
6	Determine depth to standing water in the well: **A)** Coat the bottom 2-3 ft. of the measuring tape with carpenter chalk and lower the tape at least 2 ft. past the reported depth to water for that well as recorded on the well log **B)** Hold the tape against the well casing and measure the value at the top of the casing. Record in column A in Table 2. Remove tape from well and note value at the water line marked on chalked tape in column B in Table 2 below **C)** Subtract the values measured in 6.B to calculate depth to water. Record value in Column C of Table 2.
7	Determine depth to standing water in the well: **A)** Take the total well depth (step 1.D) of well minus the depth to water (step 6.D) water to calculate the linear feet of water in the well. Record the value in Column E of Table 2. **B)** Measure the inside diameter of the well (record in Column F of table 2) and match the well diameter to the appropriate Gallons of Water Per Linear Foot value (record in Column G of table 2) using Table 1 on this worksheet. Multiply this value by the linear feet of water in well (Step 7.A). Record the value in Column H of Table 2.
8	Calculate volume of water to be purged by multiplying the volume of water in the well (determined in step 7.B) by three. Record the value in Column I of Table 2.
9	Using a bailer or pump, purge the well volume as calculated in step 8. Use a bucket with a known volume (i.e. 5 gallon bucket) to keep track of how many gallons you have purged.
10	After purging the required volume calculated in step 8, collect your sample using a bailer or pump to fill sample containers from Lab. Record time of sampling on container label.
11	Follow sample preservation procedures provided by lab and place sample in cooler with ice.
12	Close and secure well casing with lock and decontaminate equipment before moving to next well **A)** Rinse off the tape or device you used to measure the depth to water using distilled (DI) water. **B)** If possible, use a different bailer/new rope for each well. Otherwise thoroughly rinse using DI water before using again. If using a pump, run DI water through the pump and tubing before pumping another well.
13	Sample other wells using above procedures.
14	Send your samples to the lab. To ensure accurate results, ensure samples are delivered to the lab within 24 hours of collection.
15	Send a copy of the monitoring reports to the Ground Water Quality Bureau

Table 1: Well Volumes, volumes of casing									
Inside diameter									

of well in Inches	1	1.5	2	3	4	6	8	10	12
Volume in Gallons per Linear Foot	0.04	0.1	0.17	0.38	0.66	1.5	2.6	4.09	5.81

Table 2: Purge Calculator*

Monitoring well #	**A**** Top of Well Casing (Step 6.B)	**B**** Water Line (Step 6.C)	**C**** Depth to Water (A-B) (Step 6.D)	**D**** Total Well Depth (Step 1.4)	**E** Liner Feet of Water in well (D-C) (Step 7.A)	**F** Diameter of well (Step 7.B)	**G** Gallons of water per liner foot (Step 7.B)	**H** Volume of Water in Well (G X E) (Step 7.B)	**I** Purge Volume in gallons (H X 3)
1			0.0		0.0			0.0	0.0
2			0.0		0.0			0.0	0.0
3			0.0		0.0			0.0	0.0
4			0.0		0.0			0.0	0.0
5			0.0		0.0			0.0	0.0
			0.0		0.0			0.0	0.0
			0.0		0.0			0.0	0.0
			0.0		0.0			0.0	0.0
			0.0		0.0			0.0	0.0
			0.0		0.0			0.0	0.0
			0.0		0.0			0.0	0.0
			0.0		0.0			0.0	0.0

*If using in an open excel file, the purge calculator will automatically calculate values shaded in blue. Otherwise follow the sampling procedures on the previous page to calculate your well purge volume.

** units are in feet

Groundwater Monitoring Worksheet and Reference Chart

Monitoring well # and location	A Top of well casing (Step 6.c.)	B Water Line (Step 6.d.)	C Depth to water (A - B) (Step 6.e.)	D Total depth of well (Step 1.e.)

E Linear feet of water in well (D - C) (Step 7.b)	F Diameter of well (Step 7.c.)	G Gallons of water per linear foot (Step 7.d.)	H Volume of water in the well (G x E) (Step 7.e.)	I Volume of water to be purged (H x 3) (Step 8.a.)

Reference Chart

Inside well diameter (inches)	Gallons of water per linear foot
1	.04
2	.16
3	.37
4	.65
6	1.47
8	2.61
10	4.08
12	5.88

Example of Sample Label

Site Name: _____DP # _____

Date of sampling: _____ Time of sampling: _____

Location of sampling (e.g. monitoring well ID/location): _____

Constituents sampled for (e.g. TKN, TDS, etc….) _____

Sample taken by: _____

State of New Mexico Environment Department - Pollution Prevention Section

HYDROSTATIC TEST EVALUATION REPORT

For PERMITTED ONSITE WASTE SYSTEMS

***Required or this form will be considered incomplete.**

(This page, One per Facility)

GENERAL INFORMATION

To be completed by **Third Party Evaluator**

PERMITTING INFORMATION	**Discharge Permit Number*** DP-	**Facility Name***	
FACILITY LOCATION	**Physical Address or** (Description if none)*		**County***
FACILITY CONTACT	**Name***	**Phone***	**Email***
NMED TECHNICAL REVIEWER	**Name***	**Phone***	**Email***

THIRD PARTY EVALUATOR INFORMATION

To be completed by **Third Party Evaluator**

EVALUATOR INFORMATION	**Name of Company***	**Company Phone Number***	**Name of Person Conducting the Evaluation (**Print)*
THIRD PARTY EVALUATOR QUALIFICATION	**Qualification** (Circle One)* MM-98 MM-01 MS-03 MS-01 PE NSF NEHA REHS/RS OTHER (Approved by NMED) For "OTHER" date approved by NMED: Date:_____	**New Mexico License/Certification #***	**Expiration Date***
SEPTAGE COMPANY INFORMATION	**Name of Company*** _____	**Name of Driver** (Print)* _____	**Is this person a Qualified Septage Pumper under Section 904?** (Circle One)* YES NO

OTHER INFORMATION

Your signature below attests that the above detailed information is correct and true to the best of of your knowledge

Third Party Evaluator Name (Printed)*	**Signature***	**Date***

NOTICE TO OWNER OR AGENT: This report shall not be construed as a warranty that the system will function properly due to the numerous factors (usage, soil characteristics, previous failures, etc.) which may affect the proper operation of an onsite system.

Return this completed report to the NMED Technical Reviewer within 15 days of the evaluation. **This form is valid for 180 days after the date the evaluation was conducted.**	**NMED DATE STAMP for Date Received**

HYDROSTATIC TEST EVALUATION REPORT

UNIT DESCRIPTION

*Required or this form will be considered incomplete.

(One form per Unit tested, Pg. 1 of 2)

CONTAINMENT STRUCTURE INFORMATION

CONTAINMENT STRUCTURE (General Information)*	**UNIT IDENTIFIER** (See Discharge Permit Summary for Designation)*	**Latitude** (DD.ddddd°)*	**Longitude** (-DDD.ddddd°)*	**Elevation** (Feet)*

SIZE and MATERIALS	**Size (Gallons)** (Circle One)* 1000 1250 1500 2000 2500 3525 Other:_____	**Material** (Circle One)* Concrete Plastic Fiberglass Cinder Block Other:_____	**Manufacturer of Containment Structure** _____
	Structure or riser height if above ground (Top of structure to ground surface)* _____	**Covers Secure?** (Circle One)* YES NO N/A	**Year Manufactured** _____
	Internal Structure Dimensions (Length, Width, Height)* L:_____ W:_____ H:_____	**External Structure Dimensions** (Length, Width, Height)* L:_____ W:_____ H:_____	**Installation Company Name** _____ **Year of Installation** _____
ACCESS RISERS	**Access Risers - Inlet & Outlet?*** (Req'd 1997 1ft. Grade, 2005 to grade) YES NO Not Required	**Effluent Filter?** (Required 2013)* YES NO Not Required	**Handle on Effluent Filter?** (Required 2013)* YES NO Not Required
FUNCTIONALITY	**How many gallons were pumped for this evaluation?*** Gallons:_____	**Does Structure appear Level?*** YES NO	**Liquid Level in Structure at Outlet** (Circle One)* Above Invert At Invert Below Invert N/A
	Inlet Tee/Baffle (Circle One)* OK NOT OK ABSENT N/A Note:_____	**Outlet Tee/Baffle** (Circle One)* OK NOT OK ABSENT N/A Note:_____	**Baffle Wall** (Circle One)* OK NOT OK ABSENT N/A Note:_____
	Liquid Level in Structure (From Base to highest Liquid Level)* _____	**Freeboard** (Space between highest liquid level and top of Structure)* _____	**Does Structure meet Freeboard requirement?** (Circle One)* YES NO N/A
VISIBLE DESCRIPTORS (Circle All that Apply)*	Structural Cracking Excessive Deterioration Rust Streaks Exposed Aggregate Exposed Rebar/Wire Root Intrusion Tank/Manhole Deformed Access Riser Damage Missing Fasteners Fastener Deterioration		

Note any Problems, Concerns or Comments:

Return this completed report to the NMED Technical Reviewer within 15 days of the evaluation. **This form is valid for 180 days after the date the evaluation was conducted.**	**NMED DATE STAMP for Date Received**

HYDROSTATIC TEST EVALUATION REPORT

SUMMARY

*Required or this form will be considered incomplete.

(One form per Unit tested, Pg. 2 of 2)

Note: Unlicensed evaluators, septage pumpers, maintenance service providers and any unlicensed entity cannot repair or modify an Onsite Waste System

Evaluation Criteria [Subsection A of 20.6.2.3107 NMAC and; Subsection C of 20.6.2.3109 NMAC]	**UNIT IDENTIFIER** (See Discharge Permit Summary for Designation)*	**Date of Hydrostatic Test:***	**Circle One**
	_____	_____	

1	**Public Health and Safety**	Does the system currently constitute a public health or safety hazard?*	YES NO
2	**Photo Documentation**	Were pictures taken of the units interior?*	YES NO
3	**Photo Documentation**	Were pictures taken showing the Initial and Final Test measurements?*	YES NO
4	**Procedure**	**Testing Method** (Circle One)* 60-MINUTE LIQUID TEST 2-MINUTE VACUUM TEST OTHER (Approved by NMED) For "OTHER" date approved by NMED: Date:_____ *Liquid Test: A unit that does not allow a drop-in water level of greater than 0.01 feet in 60 minutes is considered to be watertight.* *Vacuum Test: A watertight unit maintains at least 90% of the vacuum (i.e., greater than 45 mm of mercury) after two minutes.*	
5	**Measurements**	**Point of Measurement** (Circle One)* Top of Riser Ground Surface Top of Structure Other:_____	**Initial Measurement*** _____ **Final Measurement*** _____
	Evaluator Conclusion	The unit has been determined to be watertight.* **Circle one:**	YES NO
	Evaluator Recommendations	**Onsite Waste System** (Circle all that apply)* Appears to be functioning properly Structure Needs Replacement Structure Needs Repairs Immediate action required by Permittee Permit Modification or Amendment is Required No Action required at this time	

Comments (Describe any problems with the system and any repairs made):

Only licensed contractors and their employees may prepare inspection reports, construct, repair, or replace components of a permitted Onsite Waste System, this includes the following activities but is not limited to; install risers, repair risers or broken riser covers, install tee's, install filters, repair leaking structures, provide invoices for said repairs and collect payments for licensed companies only.

By signing below, I acknowledge that I have read the Discharge Permit Condition regarding Hydrostatic Testing and have personally conducted this evaluation in accordance with the terms of the Discharge Permit. The information contained in this report is correct and true to the best of my knowledge.

Evaluator's Name Printed*	**Evaluator's Signature***	**Date:***

For systems that do not meet the evaluation criteria specified above, appropriate action shall be taken by the property owner to assure that these systems are brought into compliance with [Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]

Return this completed report to the NMED Technical Reviewer within 15 days of the evaluation. **This form is valid for 180 days after the date the evaluation was conducted.**	**NMED DATE STAMP for Date Received**