



**NEW MEXICO**  
**ENVIRONMENT DEPARTMENT**

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***Draft: May 5, 2021***

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

**Facility Name:** Navajo Lake State Park  
**Discharge Permit Number:** DP-1304  
**Facility Location:** 1448 NM 511 #1  
Navajo Dam, NM

**County:** San Juan and Rio Arriba

**Permittee:** Colleen Baker, Bureau Chief  
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**Permitting Action:** Renewal and Modification

**Permit Issuance Date:** DATE  
**Permit Expiration Date:** DATE

**NMED Permit Contact:** Gerald Knutson  
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**MICHELLE HUNTER**  
Chief, Ground Water Quality Bureau

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Date



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## **I. INTRODUCTION**

The New Mexico Environment Department (NMED) issues this groundwater discharge permit renewal and modification (Discharge Permit or DP-1304) to the New Mexico State Parks (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 Navajo Lake State 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, and flow characteristics.

The Permittee manages domestic wastewater discharges of a volume up to 22,000 gallons per day (gpd) to three synthetically lined impoundments for disposal by evaporation (Pine River Campground Site, Sims Mesa Campground Site, and Government Housing Site), to two septic tank disposal systems (Cottonwood Campground Site), to one septic tank disposal system and one holding tank (Cedar Loop Campground Site), and to one holding tank (Crusher Hole Campground Site).

The Discharge Permit modification consists of adding domestic wastewater discharge sites that includes the following new locations; Cedar Loop Campground Site and Crusher Hole Campground Site.

The discharge may 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.A NMAC.

The disposal systems are located within Navajo Lake State Park in or near the Pine River Campground Site, Sims Mesa Campground Site, Cottonwood Campground Site, Cedar Loop Campground Site, Crusher Hole Campground Site, and at 1448 NM 511 #1, approximately 17 miles southeast and 22.5 miles east of Aztec, in Sections 7, 8, and 18, Township 30N, Range 07W and in Sections 13, 15, 16, and 20, Township 30N, Range 08W, San Juan and Rio Arriba Counties. Discharges at the Facility are most likely to affect groundwater at a depth of approximately 5 to



250 feet and having a total dissolved solids (TDS) concentration of approximately 1,794 to 2,775 milligrams per liter.

NMED issued the original Discharge Permit to the Permittee on February 7, 2001 and subsequently renewed and modified the Permit on February 28, 2007 and renewed the Permit on May 22, 2015. The application (i.e., discharge plan) associated with this Discharge Permit consists of the materials submitted by the Permittee dated March 11, 2020 and July 20, 2020, and materials contained in the administrative record prior to issuance of this Discharge Permit.

The Permittee shall manage the discharge in accordance with all conditions and requirements of this Discharge Permit.

NMED reserves the right to require a discharge permit modification in the event NMED determines that the Permittee is or may be violating, or is likely to violate in the future, the requirements of 20.6.2 NMAC or the standards of Section 20.6.2.3103 NMAC. NMED reserves this right pursuant to Section 20.6.2.3109 NMAC. An NMED requirement to modify the Discharge Permit may result from a determination by the department that structural controls and/or management practices approved under this Discharge Permit are insufficiently protective of groundwater quality and need to be more stringent to protect groundwater quality. NMED reserves the right to require the Permittee 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
CFR	Code of Federal Regulations		NMSA	New Mexico Statutes Annotated
Cl	chloride		NO <sub>3</sub> -N	nitrate-nitrogen
EPA	United States Environmental Protection Agency		QA/QC	Quality Assurance/Quality Control
gpd	gallons per day		TDS	total dissolved solids
mg/L	milligrams per liter		TKN	total Kjeldahl nitrogen
mL	milliliters		WQA	New Mexico Water Quality Act
NMAC	New Mexico Administrative Code		WQCC	Water Quality Control Commission
NMED	New Mexico Environment Department		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. This Discharge Permit allows the Permittee to discharge effluent or leachate from the Facility directly or indirectly into groundwater pursuant to this Discharge Permit and Section 20.6.2.3104 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 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 dispose of up to 22,000 gpd of domestic wastewater and waste from comfort stations, park visitor centers, park residences, vault toilets, chemical toilets, holding tanks, backwash water from facility water systems, and RV and marine dump stations located within the Facility, in accordance with this Discharge Permit and as follows.

- a) The Government Housing Site consists of seven permanent houses, spaces for three mobile homes/RVs, one office building, and one service building. Domestic wastewater gravity flows to the Site's lift station and pumps to a synthetically lined impoundment for disposal by evaporation. This Discharge Permit authorizes the impoundment to receive Facility vault toilet waste, chemical toilet waste, domestic septage waste, and domestic wastewater holding tank waste transported in by truck. This Discharge Permit authorizes the Permittee to construct a 26-space RV campground and a park visitor center at this Site. Domestic wastewater and waste from the campground and center shall gravity flow to the Site's lift station or transport to the Site's impoundment by truck.
- b) The Pine River Campground Site consists of a water treatment system; a park office and visitor center; a park resident area with two RV sites, a maintenance shop and boat repair shop; a campground area with four comfort stations, nine RV hookups, and an RV dump station; and a marina area with a snack shop, restaurant, comfort station, boat bilge pump out, and boat repair shop. Wastewater from the park office and visitor center, park resident area, and backwash water from the Site's water treatment system gravity flows to a lift station which then pumps the wastewater to the Site's main lift station. Wastewater from the marina area comfort station and boat area repair shop gravity flows to the Site's main lift station and



wastewater from the snack shop, restaurant and boat bilge pump out gravity flows to a lift station located at the marina which then pumps the wastewater to the Site's main lift station. Wastewater from the main lift station pumps to a synthetically lined impoundment for disposal by evaporation. This Discharge Permit authorizes the impoundment to receive Facility vault toilet waste, chemical toilet waste, domestic septage waste, and domestic wastewater holding tank waste transported in by truck.

- c) The Sims Mesa Campground Site consists of a water treatment system, visitor center, campground host site, a campground with two comfort stations, an RV dump station, and a boat bilge pump out at the marina. Wastewater from the boat bilge pump out is hauled by truck and discharges to the RV dump station. One comfort station discharges wastewater via gravity flow to the Site's lower lift station which then pumps the wastewater to the Site's upper lift station. The upper lift station also receives, via gravity flow, wastewater from the visitor center, campground host site, one comfort station, the RV dump station, and backwash water from the water treatment system. Wastewater from the upper lift station pumps to a synthetically lined impoundment for disposal by evaporation. This Discharge Permit authorizes the impoundment to receive Facility vault toilet waste, chemical toilet waste, domestic septage waste, and domestic wastewater holding tank waste transported in by truck.
- d) The Cottonwood Campground Site consists of two septic tank disposal systems. The east septic tank disposal system consists of two 1,500-gallon septic tanks, in series, followed by a dosing pump station prior to the evapotranspiration bed. The east disposal system receives wastewater from the East Comfort Station. The west septic tank disposal system consists of three 2,000-gallon septic tanks, in parallel, followed by two leachfields. One septic tank receives wastewater from the RV dump station and the three campground host sites, one septic tank receives wastewater from the West Comfort Station, and one septic tank receives backwash water from the Site's water treatment system. The discharges from the three septic tanks combine in a distribution box prior to discharging to the leachfields.
- e) The Cedar Loop Campground Site consists of one septic tank disposal system and one holding tank. The septic tank disposal system consists of two 2,000-gallon septic tanks, in series, followed by a dosing pump station prior to the evapotranspiration bed. The disposal system receives wastewater from the comfort station. The campground host site discharges to a 1,000-gallon holding tank with a high level alarm.
- f) The Crusher Hole Campground Site consists of one holding tank. The campground host site discharges to a 1,000-gallon holding tank with a high level alarm.

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

***Operational Actions with Implementation Deadlines***

#	Terms and Conditions
3.	<p>Prior to discharging from the proposed 26-space RV campground and park visitor center at the Government Housing Site, the Permittee shall submit an up-to-date diagram of the layout of the entire Government Housing Site to NMED. The diagram shall include the following elements:</p> <ul style="list-style-type: none"><li>• a north arrow;</li><li>• the issuance date of the diagram; and</li><li>• all components of the Government Housing Site's wastewater collection and disposal systems.</li></ul> <p>The Permittee shall identify on the diagram in a schematic format any element not directly shown due to its location inside of existing structures or its construction underground without surface identification.</p> <p>[Subsection C of 20.6.2.3106 NMAC, Subsection A of 20.6.2.3107 NMAC]</p>
4.	<p>Within 180 days following the issuance date of this Discharge Permit (<b>by DATE</b>), the Permittee shall submit an up-to-date diagram of the layout of the entire Cedar Loop Campground Site. The diagram shall include the following elements:</p> <ul style="list-style-type: none"><li>• a north arrow;</li><li>• the issuance date of the diagram; and</li><li>• all components of the wastewater collection and disposal systems including the locations of the Cedar Loop Campground Site comfort station, camp host site, and camp host site holding tank.</li></ul>



#	Terms and Conditions
	<p>The Permittee shall identify on the diagram in a schematic format any element not directly shown due to its location inside of existing structures or its construction underground without surface identification.</p> <p>[Subsection C of 20.6.2.3106 NMAC, Subsection A of 20.6.2.3107 NMAC]</p>
5.	<p>Prior to discharging from the camp host site to the holding tank located at the Crusher Hole Campground Site, the Permittee shall submit an up-to-date diagram of the layout of the entire Site to NMED. The diagram shall include the following elements:</p> <ul style="list-style-type: none"> <li>• a north arrow;</li> <li>• the issuance date of the diagram; and</li> <li>• the locations of the Crusher Hole Campground Site camp host site, camp host site holding tank, and vault toilets.</li> </ul> <p>The Permittee shall identify on the diagram in a schematic format any element not directly shown due to its location inside of existing structures or its construction underground without surface identification.</p> <p>[Subsection C of 20.6.2.3106 NMAC, Subsection A of 20.6.2.3107 NMAC]</p>
6.	<p>A minimum of 90 days prior to construction of the proposed 26-space RV campground and park visitor center at the Government Housing Site, the Permittee shall submit final construction plans and specifications for the proposed 26-space RV campground and park visitor center. The Permittee shall submit for review by NMED construction plans and specifications that bear the seal and signature of a licensed New Mexico professional engineer (pursuant to New Mexico Engineering and Surveying Practice Act and the rules promulgated under that authority). The Permittee shall submit documentation that includes the following elements.</p> <ol style="list-style-type: none"> <li>a) Details of all wastewater collection system components (e.g., lift stations, valves, transfer lines, and associated details);</li> <li>b) Specifications for all equipment, materials, and installation procedures to be used in the construction of the wastewater collection system.</li> </ol> <p>Prior to constructing the proposed 26-space RV campground and park visitor center and its associated components, the Permittee shall obtain written verification from NMED that the plans and specifications meet the requirements of this Discharge Permit.</p> <p>[Subsections A and C 20.6.2.1202 NMAC, Subsection C of 20.6.2.3106 NMAC, Subsection C of 20.6.2.3107 NMAC, NMSA 1978, §§ 61-23-1 through 61-23-32]</p>



#	Terms and Conditions
7.	<p>Within 30 days of completing the installation of the camp host's holding tank located at the Crusher Hole Campground Site, the Permittee shall submit record drawings to NMED for the holding tank.</p> <p>[Subsections A and C of 20.6.2.1202 NMAC, Subsection C of 20.6.2.3109 NMAC, NMSA 1978, §§ 61-23-1 through 61-23-32]</p>
8.	<p>Within 60 days of the issuance of this Discharge Permit (<b>by DATE</b>), the Permittee shall submit record drawings to NMED that bear the seal and signature of a licensed New Mexico professional engineer (pursuant to the New Mexico Engineering and Surveying Practice Act and the rules promulgated under that authority) for the constructed septic tank, evapotranspiration bed, and camp host holding tank located at the Cedar Loop Campground Site.</p> <p>[Subsections A and C of 20.6.2.1202 NMAC, Subsection C of 20.6.2.3109 NMAC, NMSA 1978, §§ 61-23-1 through 61-23-32]</p>
9.	<p>Within 30 days of completing the installation of the 26-space RV campground and park visitor center located at the Government Housing Site, the Permittee shall submit record drawings that bear the seal and signature of a licensed New Mexico professional engineer (pursuant to the New Mexico Engineering and Surveying Practice Act and the rules promulgated under that authority) to NMED.</p> <p>[Subsections A and C of 20.6.2.1202 NMAC, Subsection C of 20.6.2.3109 NMAC, NMSA 1978, §§ 61-23-1 through 61-23-32]</p>

### ***Operating Conditions***

#	Terms and Conditions
10.	<p>The Permittee shall maintain fences around the synthetically lined evaporative impoundment(s) located at the Government Housing Site, Pine River Campground Site, and Sims Mesa Campground Site to restrict access by the general public and animals. The fences shall consist of a minimum of six-foot chain link or field fencing and locking gates. The Permittee shall maintain the fences to serve the stated purpose throughout the term of this Discharge Permit.</p> <p>[Subsections B and C of 20.6.2.3109 NMAC, NMSA 1978, § 74-6-5.D]</p>
11.	<p>The Permittee shall install and maintain the following signs on the fencing around the synthetically lined evaporative impoundment(s) located at the Government Housing Site, Pine River Campground Site, and Sims Mesa Campground Site, at the following locations:</p>



#	Terms and Conditions
	<ul style="list-style-type: none"><li>• Signs posted at each impoundment entrance and every 500 feet along each impoundment boundary that state: "Notice: Waste Disposal Area - KEEP OUT" and "Aviso: Área de Disposición - NO ENTRAR".</li><li>• A sign posted at each impoundment entrance gate with the following information:<ul style="list-style-type: none"><li>○ the name of the Facility;</li><li>○ the name of a Facility contact person;</li><li>○ the office phone number of the contact person;</li><li>○ the emergency contact phone number for the facility; and</li><li>○ New Mexico Environment Department, Discharge Permit #1304 – dial 505-827-2900.</li></ul></li><li>• A sign to identify each evaporative impoundment by name.</li></ul> <p>The Permittee shall ensure the signs shall be weatherproof and maintained to serve their purpose for the term of this Discharge Permit.</p> <p>[Subsections B and C of 20.6.2.3109 NMAC, NMSA 1978, § 74-6-5.D]</p>
12.	<p>The Permittee shall maintain all impoundment liners to avoid conditions that could affect the liner or the structural integrity of the impoundments. Characterization of such conditions may include the following:</p> <ul style="list-style-type: none"><li>• erosion damage;</li><li>• animal burrows or other animal damage;</li><li>• the presence of vegetation including aquatic plants, weeds, woody shrubs, or trees growing within five feet of the top inside edge of a sub-grade impoundment, within five feet of the toe of the outside berm of an above-grade impoundment, or within the impoundment itself;</li><li>• the presence of large debris or large quantities of debris in the impoundment;</li><li>• evidence of seepage; or</li><li>• evidence of berm subsidence.</li></ul> <p>The Permittee shall routinely control vegetation growing around the impoundments by mechanical removal that is protective of the impoundment liner.</p> <p>The Permittee shall visually inspect the impoundments and surrounding berms on a monthly basis to ensure proper maintenance. In the event that inspection reveals any evidence of damage that threatens the structural integrity of an impoundment berm or liner, or that may result in an unauthorized discharge, the Permittee shall implement the Contingency Plan set forth in this Discharge Permit.</p> <p>The Permittee shall create and maintain a log of all impoundment inspections which describes the date of the inspection, any findings and repairs and the name of the person</p>



#	Terms and Conditions
	<p>responsible for the inspection. The Permittee shall make the log available to NMED upon request.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>
13.	<p>The Permittee shall preserve a minimum of two feet of freeboard, i.e., the liquid level in all impoundments and the elevation of the lowest-most top of each impoundment liner.</p> <p>In the event that the Permittee determines that it cannot preserve two feet of freeboard in any impoundment, the Permittee shall implement the Contingency Plan set forth in this Discharge Permit.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>
14.	<p>The Permittee shall visually inspect the area above the evapotranspiration bed and two leachfields (disposal systems) located at the Cottonwood Campground Site and the evapotranspiration bed (disposal system) located at the Cedar Loop Campground Site annually to ensure proper maintenance. The Permittee shall correct any conditions that indicate damage to the disposal system(s). The Permittee shall ensure conditions corrected include erosion damage, animal activity/damage, woody shrubs, evidence of seepage, or any other condition indicating damage.</p> <p>The Permittee shall keep a log of the inspections that includes a date of the inspection, any findings and repairs, and the name of the inspector. The Permittee shall make the log available to NMED upon request.</p> <p>In the event of a failure of a disposal system, the Permittee shall implement 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>
15.	<p>The Permittee shall inspect the Cottonwood Campground Site and Cedar Loop Campground Site septic tanks 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 any septic tank volume, the contents of that tank shall be pumped by State Park personnel or by a septage pumper meeting the qualification requirements identified in Subsection D of 20.7.3.904 NMAC, Liquid Waste Disposal and Treatment Regulations.</p> <p>The Permittee shall create and maintain a log of all septic tank inspections which describes the findings, repairs, 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.</p>



#	Terms and Conditions
	<p>The Permittee shall maintain a record of solids removal and disposal, including the name of the septage hauler, date of solids removal, volume of solids removed, and synthetically lined evaporative impoundment disposal location.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>
16.	<p>The Permittee shall inspect and clean all lift stations located within the Facility as needed to prevent pump failure.</p> <p>The Permittee shall maintain a record of lift station(s) inspections, repairs, and cleanings. The Permittee shall make the record available to NMED upon request.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>
17.	<p>The Permittee shall inspect and clean the RV dump station(s) located within the Facility as needed to prevent station overflow.</p> <p>The Permittee shall maintain a record of RV dump station(s) inspections, repairs, and cleanings. The Permittee shall make the record available to NMED upon request.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>
18.	<p>The Permittee shall inspect the area around each synthetically lined evaporative impoundment located at the Government Housing Site, Pine River Campground Site, and Sims Mesa Campground Site monthly and collect any residual solid waste (trash) within the fenced areas. The Permittee shall dispose of the collected materials in a manner consistent with all local, state, and federal regulations.</p> <p>The Permittee shall maintain a record of evaporative impoundment(s) inspections and cleanings. The Permittee shall make the record available to NMED upon request.</p> <p>[20.6.2.3109 NMAC]</p>
19.	<p>The Permittee shall utilize operators, certified by the State of New Mexico at the appropriate level pursuant to 20.7.4 NMAC, to operate the wastewater collection and disposal systems. A certified operator or a direct supervisee of a certified operator shall perform the operations and maintenance of all or any part of the wastewater system.</p> <p>The Permittee shall notify the NMED within 24 hours if at any time the Permittee no longer has a certified operator maintaining the system.</p> <p>[Subsection C of 20.6.2.3109 NMAC, 20.7.4 NMAC]</p>



**B. MONITORING AND REPORTING**

#	Terms and Conditions
20.	<p>The Permittee shall conduct the monitoring, reporting, and other requirements listed below in accordance with the monitoring requirements of this Discharge Permit.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>
21.	<p>METHODOLOGY - Unless otherwise specified by this Discharge Permit, or approved in writing by NMED, the Permittee shall use sampling and analytical techniques that conform with the references listed in Subsection B of 20.6.2.3107 NMAC.</p> <p>[Subsection B of 20.6.2.3107 NMAC]</p>
22.	<p>Semi-annual monitoring - The Permittee shall perform monitoring and other Permit required actions during the following periods and shall submit semi-annual reports to NMED by the following due dates:</p> <ul style="list-style-type: none"><li>• January 1<sup>st</sup> through June 30<sup>th</sup> – <b>due by August 1<sup>st</sup></b>; and</li><li>• July 1<sup>st</sup> through December 31<sup>st</sup> – <b>due by February 1<sup>st</sup></b>.</li></ul> <p>[Subsection A of 20.6.2.3107 NMAC]</p>

***Monitoring Actions with Implementation Deadlines***

#	Terms and Conditions
23.	<p>Within 90 days following the issuance date of this Discharge Permit (<b>by DATE</b>), the Permittee shall install the following flow meter.</p> <p>One totalizing flow meter installed on the Cedar Loop Campground Site comfort station's water supply to measure the volume of wastewater received by the septic tank disposal system</p> <p>The Permittee shall submit to NMED confirmation of meter installation, type, calibration, and location within 30 days of completed installation.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>



**Groundwater Monitoring Conditions**

#	Terms and Conditions
24.	<p>The Permittee shall perform semi-annual groundwater sampling in the following groundwater monitoring wells at the Cottonwood Campground Site and analyze the samples for total Kjeldahl nitrogen (TKN), nitrate-nitrogen (NO<sub>3</sub>-N), TDS, and chloride (Cl).</p> <p>a) MW-1, located hydrologically downgradient of the two west leachfields. b) MW-2, located hydrologically downgradient of the east evapotranspiration bed.</p> <p>The Permittee shall perform groundwater sample collection, preservation, transportation, and analysis according to the following procedures.</p> <p>a) Measure the depth-to-most-shallow groundwater from the top of the well casing to the nearest one-hundredth of a foot. 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.</p> <p>The Permittee shall submit the depth-to-most-shallow groundwater measurements and the laboratory analytical data results including the laboratory QA/QC summary report for each well, and a Cottonwood Campground Site layout map showing the location and number of each well to NMED in the semi-annual monitoring reports.</p> <p>[Subsection A of 20.6.2.3107 NMAC]</p>
25.	<p>NMED shall have the option to perform downhole inspections of all groundwater monitoring wells identified in this Discharge Permit. NMED shall establish the inspection date and provide at least a 60-day notice to the Permittee by certified mail. The Permittee shall remove any existing dedicated pumps at least 48 hours prior to NMED inspection to allow adequate settling time of sediment agitated from pump removal.</p> <p>Should the Permittee decide to install a pump 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(s) prior to pump placement.</p> <p>[Subsections A and D of 20.6.2.3107 NMAC]</p>



**Facility Monitoring Conditions**

#	Terms and Conditions
26.	<p>The Permittee shall on a monthly basis estimate the volume of wastewater discharged to the synthetically lined evaporative impoundment(s) located at the Government Housing Site, Pine River Campground Site, and Sims Mesa Campground Site.</p> <p>To determine the discharge volume, the Permittee shall obtain the pumping rate of the lift pumps that discharge the wastewater to the evaporative impoundment(s) at each Site from the manufacturer specifications or by documented field assessment. Further, the Permittee shall log the total run time for each pump(s), at each lift station, on an hours recorder and record the pump run hours on a monthly basis (pump operating time). Finally, the Permittee shall multiply the monthly pump run hours by the associated pumping rate to estimate the monthly wastewater discharge volume by the formula below.</p> $(\text{pumping rate}) \times (\text{monthly pump operating time}) = \text{estimated monthly wastewater discharge volume}$ <p>The Permittee shall use the estimated monthly wastewater discharge volume to calculate the average daily wastewater volume to the evaporative impoundment(s) at each site by the formula below.</p> $\text{estimated monthly wastewater volume at each Site} \div \text{number of days in the month} = \text{average daily wastewater discharge volume at each Site}$ <p>The Permittee shall submit to NMED the record of the monthly operating time for the pump(s), the pumping rate and the estimated monthly and average daily wastewater discharge volume in the semi-annual monitoring reports. The Permittee shall keep the hours-recorder(s) functional at all times. If the recorder is not functioning properly, the Permittee shall note that fact in the record submitted to NMED.</p> <p>*Should more than one pump/hours-recorder assembly exist at the Facility, the Permittee shall calculate the estimated monthly volume for the Facility by adding the estimated monthly volume determined for each pump/hours recorder assembly. This summation should be completed prior to calculating the average daily volume for the Facility.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsections C and H of 20.6.2.3109 NMAC]</p>
27.	<p>The Permittee shall on a monthly basis measure the volume of wastewater discharged to the two-septic tank disposal systems located at the Cottonwood Campground Site during the period.</p>



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	<p>To determine the discharge volume, the Permittee shall obtain readings from a totalizing flow meter located at the site's water supply well on a monthly basis and calculate the monthly and average daily discharge volume.</p> <p>The Permittee shall submit the monthly meter readings, calculated monthly discharge volumes, and average daily discharge volumes 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>
28.	<p>The Permittee shall on a monthly basis measure the volume of wastewater discharged to the septic tank disposal system located at the Cedar Loop Campground Site during the period.</p> <p>To determine the discharge volume, the Permittee shall obtain readings from a totalizing flow meter located at the Site comfort station's water supply line on a monthly basis and calculate the monthly and average daily discharge volume.</p> <p>The Permittee shall submit the monthly meter readings, calculated monthly discharge volumes, and average daily discharge volumes 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>
29.	<p>The Permittee shall create a log that includes all waste loads hauled and disposed of to the synthetically lined evaporation impoundments located at the Government Housing Site, Pine River Campground Site, and Sims Mesa Campground Site. The log shall record the following information:</p> <ul style="list-style-type: none"><li>• date of discharge;</li><li>• location of discharge (Government Housing Site, Pine River Campground Site, or Sims Mesa Campground Site);</li><li>• Type of waste (RV, vault toilet, chemical toilet, domestic septage, or domestic wastewater holding tank); and</li><li>• volume of waste discharged.</li></ul> <p>The Permittee shall submit copies of the log for the reporting period to NMED in the semi-annual monitoring reports.</p> <p>[Subsection A of 20.6.2.3107 NMAC]</p>
30.	<p>The Permittee shall collect a composite wastewater sample on a semi-annual basis (once every six months) from the synthetically lined evaporative impoundment(s) located at</p>



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	<p>the Government Housing Site, Pine River Campground Site, and Sims Mesa Campground Site. The composite samples shall consist of a minimum of six equal aliquots collected equidistantly around the entire perimeter of each evaporative impoundment and thoroughly mixed. The Permittee shall analyze the three composite samples for:</p> <ul style="list-style-type: none"> <li>• TKN;</li> <li>• NO<sub>3</sub>-N;</li> <li>• TDS; and</li> <li>• Cl.</li> </ul> <p>The Permittee shall properly prepare, preserve, transport, and analyze the samples in accordance with the methods authorized in this Discharge Permit. The Permittee shall submit the laboratory analytical data results, including the QA/QC summary and Chain of Custody, to NMED in the 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>
31.	<p>The Permittee shall collect a wastewater sample on an annual basis from the Cottonwood Campground Site east septic tank disposal system's dosing pump station prior to the evapotranspiration bed, the Cottonwood Campground Site west septic tank disposal system's distribution box prior to the two leachfields, and the Cedar Loop Campground Site septic tank disposal system's dosing pump station prior to the evapotranspiration bed. The Permittee shall analyze the three samples for:</p> <ul style="list-style-type: none"> <li>• TKN;</li> <li>• TDS; and</li> <li>• Cl.</li> </ul> <p>The Permittee shall properly prepare, preserve, transport, and analyze the samples in accordance with the methods authorized in this Discharge Permit. The Permittee shall submit the laboratory analytical data results, including the QA/QC summary and Chain of Custody, to NMED in the monitoring report due February 1<sup>st</sup> of each year.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsections C and H of 20.6.2.3109 NMAC]</p>

### C. CONTINGENCY PLAN

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32.	<p>In the event that groundwater monitoring indicates that groundwater at the Cottonwood Campground Site exceeds a standard identified in Section 20.6.2.3103 NMAC in a monitoring well with no previous exceedances of the chemical constituent at the date of issuance of this Discharge Permit, the Permittee shall collect a confirmatory sample from</p>



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	<p>the monitoring well within 15 days of receipt of the initial sampling results to confirm the initial sampling results.</p> <p>Within 60 days of confirmation of groundwater contamination, the Permittee shall submit to NMED a Corrective Action Plan (CAP) that proposes, at a minimum, contaminant source control measures and an implementation schedule. The Permittee shall the CAP as approved by NMED.</p> <p>Once this groundwater exceedance response condition is invoked whether during the term of this Discharge Permit or after the term of this Discharge Permit and prior to the completion of the Discharge Permit closure plan requirements, this condition shall apply until the Permittee has fulfilled the requirements of this condition and groundwater monitoring confirms for a minimum of eight (8) consecutive quarterly samples that groundwater does not exceed the standards of Section 20.6.2.3103 NMAC.</p> <p>Violation of the groundwater standard beyond 180 days after the confirmation of groundwater contamination may cause NMED to require the Permittee to abate water pollution consistent with the requirements and provisions of Section 20.6.2.4101, Section 20.6.2.4103, Subsections C and E of 20.6.2.4106, Section 20.6.2.4107, Section 20.6.2.4108, and Section 20.6.2.4112 NMAC.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection E of 20.6.2.3109 NMAC]</p>
33.	<p>In the event that groundwater associated with the Government Housing Site, Pine River Campground Site, Sims Mesa Campground Site, Cedar Loop Campground Site, and Crusher Hole Campground Site exceeds a groundwater protection standard identified in Section 20.6.2.3103 NMAC as a result of a discharge during the term of this Discharge Permit, upon closure of the Facility or during the implementation of post-closure requirements, the Permittee shall submit to NMED a CAP that proposes, at a minimum, contaminant source control measures and an implementation schedule. The Permittee shall implement the CAP as approved by NMED.</p> <p>The NMED may require the Permittee to abate water pollution consistent with the requirements and provisions of Section 20.6.2.4101, Section 20.6.2.4103, Subsections C and E of 20.6.2.4106, Section 20.6.2.4107, Section 20.6.2.4108, and Section 20.6.2.4112 NMAC.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection E of 20.6.2.3109 NMAC]</p>
34.	<p>In the event that information available to NMED indicates that a well is not constructed in a manner consistent with the Monitoring Well Guidance attachment; contains insufficient water to effectively monitor groundwater quality; or is otherwise not</p>



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	<p>completed in a manner that is protective of groundwater quality, the Permittee shall install a replacement well(s) within 120 days following notification from NMED.</p> <p>The Permittee shall install replacement wells at locations approved by NMED prior to installation and shall complete replacement wells in accordance with the attachment Monitoring Well Guidance. The Permittee shall submit well construction and lithologic logs to NMED within 60 days following well completion.</p> <p>The Permittee shall properly plug and abandon a monitoring well requiring replacement upon completion of the replacement monitoring well. The Permittee shall complete the well plugging and abandonment, and shall document the abandonment procedures, in accordance with the attachment Monitoring Well Guidance and all applicable local, state, and federal regulations. The Permittee shall submit a copy of the well abandonment documentation to NMED within 60 days following the replacement well completion.</p> <p>[Subsection A of 20.6.2.3107 NMAC]</p>
35.	<p>In the event that an inspection performed by the Permittee of an impoundment liner reveals significant damage has occurred or is likely to affect the structural integrity of the liner or its ability to contain contaminants, the Permittee shall propose the repair or replacement of the impoundment liner by submitting a CAP to NMED for approval. The Permittee shall submit the CAP to NMED within 30 days after discovery of the damage or following notification from NMED that significant liner damage is evident. The Permittee shall ensure the CAP includes a schedule for completion of corrective actions. The Permittee shall initiate implementation of the CAP following approval by NMED.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>
36.	<p>In the event that an impoundment cannot preserve a minimum of two feet of freeboard, the Permittee shall take actions to restore the required freeboard as authorized by this Discharge Permit and all applicable local, state, and federal regulations.</p> <p>In the event that two feet of freeboard cannot be restored within a period of 72 hours following discovery, the Permittee shall propose actions to restore two feet of freeboard by submitting a short-term CAP to NMED for approval. Examples of short-term corrective actions include the pumping and hauling of excess wastewater from the impoundment or reducing the volume of wastewater discharged to the impoundment. The Permittee shall ensure the CAP includes a schedule for completion of corrective actions. The Permittee shall submit the CAP within 15 days following the date the Permittee or the NMED discover the exceedance. The Permittee shall implement the CAP following NMED approval.</p>



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	<p>In the event that the short-term corrective actions fail to restore two feet of freeboard, the Permittee shall submit to NMED a proposal for permanent corrective actions in a long-term CAP. The Permittee shall submit the long-term CAP within 90 days following failure of the short-term CAP. Examples corrective actions include the installation of an additional storage impoundment or a significant and permanent reduction in the volume of wastewater discharged to the impoundment. The Permittee shall ensure the long-term CAP includes a schedule for completion of corrective actions. The Permittee shall implement the CAP following NMED approval.</p> <p>[Subsection A of 20.6.2.3107 NMAC]</p>
37.	<p>In the event that the Permittee identifies failure of a leachfield or evapotranspiration bed, such as surfacing wastewater, the Permittee shall implement the following Contingency Plan.</p> <ul style="list-style-type: none"><li>a) Within 24 hours following the discovered failure, the Permittee shall:<ul style="list-style-type: none"><li>i) Notify NMED of the failure in accordance with the notification requirements described in the Contingency Plan for unauthorized discharges; and</li><li>ii) Restrict public access to the area.</li></ul></li><li>b) The Permittee shall conduct a physical inspection of the disposal system to identify additional potential failures and record them in the inspection log.</li><li>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.</li></ul> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]</p>
38.	<p>In the event that a release occurs that is not authorized under this Discharge Permit (commonly known as a “spill”), the Permittee shall take measures to mitigate damage from the unauthorized discharge and initiate the notifications and corrective actions required in Section 20.6.2.1203 NMAC and summarized below.</p> <p>Within <u>24 hours</u> following discovery of the unauthorized discharge, the Permittee shall verbally notify NMED and provide the following information.</p> <ul style="list-style-type: none"><li>a) The name, address, and telephone number of the person or persons in charge of the Facility, as well as of the owner and/or operator of the Facility.</li><li>b) The name and address of the Facility.</li><li>c) The date, time, location, and duration of the unauthorized discharge.</li><li>d) The source and cause of unauthorized discharge.</li></ul>



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	<p>e) A description of the unauthorized discharge, including its estimated chemical composition.</p> <p>f) The estimated volume of the unauthorized discharge.</p> <p>g) Any actions taken to mitigate immediate damage from the unauthorized discharge.</p> <p>Within <u>one week</u> following discovery of the unauthorized discharge, the Permittee shall submit written notification to NMED providing the information listed above and any pertinent updates.</p> <p>Within <u>15 days</u> following discovery of the unauthorized discharge, the Permittee shall submit a CAP to NMED describing any corrective actions previously taken and corrective actions to be taken relative to the unauthorized discharge. The CAP shall include the following information.</p> <p>a) A description of proposed actions to mitigate damage from the unauthorized discharge.</p> <p>b) A description of proposed actions to prevent future unauthorized discharges of this nature.</p> <p>c) A schedule for completion of proposed actions.</p> <p>In the event that the unauthorized discharge causes or may with reasonable probability cause water pollution in excess of the standards and requirements of Section 20.6.2.4103 NMAC, and the water pollution will not be abated within 180 days after notice is required to be given pursuant to Paragraph (1) of Subsection A of 20.6.2.1203 NMAC, NMED may require the Permittee to abate water pollution pursuant to Sections 20.6.2.4000 through 20.6.2.4115 NMAC.</p> <p>The Permittee shall not construe anything in this condition as relieving them of the obligation to comply with all requirements of Section 20.6.2.1203 NMAC.</p> <p>[20.6.2.1203 NMAC]</p>
39.	<p>In the event that NMED or the Permittee identifies any failures of the discharge plan, i.e., the application, or this Discharge Permit not specifically noted herein, NMED may require the Permittee to submit a CAP and a schedule for completion of corrective actions to address the failure(s). Additionally, NMED may require a discharge permit modification to achieve compliance with 20.6.2 NMAC.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection E of 20.6.2.3109 NMAC]</p>



**D. CLOSURE PLAN**

***Permanent Facility Closure Conditions***

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40.	<p>The Permittee shall perform the following closure measures in the event the synthetically lined impoundment(s) located at the Government Housing Site, Pine River Campground Site, and/or Sims Mesa Campground Site are proposed to be permanently closed.</p> <p>Within <u>60 days</u> of ceasing to discharge to the impoundment(s), the Permittee shall plug the impoundment influent lines so that a discharge can no longer occur.</p> <p>Within <u>60 days</u> of ceasing to discharge to the impoundment(s), the Permittee shall evaporate or drain all wastewater from the impoundment and associated lift station(s) and disposed of it in accordance with all local, state, and federal regulations.</p> <p>Within <u>90 days</u> of ceasing to discharge to the impoundment(s), the Permittee shall submit a sludge/solids removal and disposal plan to NMED for approval. The Permittee shall implement the plan within 30 days following approval by NMED. The sludge/solids removal and disposal plan shall include the following information.</p> <ol style="list-style-type: none"><li>The method of sludge/solids <i>removal</i> from the impoundment(s).</li><li>The method of <i>disposal</i> for all the sludge/solids removed from the impoundment(s). The method shall comply with all local, state, and federal regulations, including 40 CFR Part 503. <i>Note: A proposal that includes the surface disposal of sludge/solids may be subject to Groundwater Discharge Permitting requirements pursuant to 20.6.2.3104 NMAC that are separate from the requirements of this Discharge Permit.</i></li><li>A schedule for completion of sludge/solids removal and disposal not to exceed two years from the date discharge to the impoundment(s) ceased.</li></ol> <p>Within <u>one year</u> following completion of the sludge/solids removal and disposal, the Permittee shall complete the following closure measures.</p> <ol style="list-style-type: none"><li>Remove all lines leading to and from the impoundment(s), or permanently plug and abandon the lines in place.</li><li>Remove or demolish all associated lift station(s) and re-grade area with suitable fill to blend with surface topography, promote positive drainage, and prevent ponding.</li><li>Characterize, remove, and dispose of all solids, including the impoundment liner, from the impoundment(s) in accordance with local, state, and federal regulations, and maintain a record of solids transported for off-site disposal, including the volume of solids transported and the disposal location.</li><li>Fill the impoundment(s) with suitable fill.</li><li>Re-grade the impoundment(s) site and the locations of ancillary equipment, e.g.,</li></ol>



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	<p>influent piping, to blend with surface topography, promote positive drainage, and prevent ponding.</p> <p>When the Permittee has met all 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 closure of the Site(s) and/or termination of the Discharge Permit.</p> <p>[Subsection A of 20.6.2.3107 NMAC, Subsection D of 20.6.2.4103 NMAC, 40 CFR Part 503]</p>
41.	<p>The Permittee shall perform the following closure measures in the event the septic tank disposal system(s) at the Cottonwood Campground Site and/or Cedar Loop Campground Site is proposed to be permanently closed.</p> <p>Within <u>90 days</u> of ceasing discharge to the septic tank disposal system(s), the Permittee shall complete the following closure measures:</p> <ol style="list-style-type: none"><li>Plug all lines leading to and from the closed system(s) so that a discharge can no longer occur.</li><li>Pump wastewater and septage from the system(s) components (e.g., septic tanks, dosing chambers, distribution boxes) and 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.</li></ol> <p>Within <u>180 days</u> of ceasing discharge to the septic tank disposal system(s), the Permittee shall complete the following closure measures:</p> <ol style="list-style-type: none"><li>Remove all lines leading to and from the closed system(s) or permanently plug them and abandon them in place.</li><li>Remove or demolish all closed septic tanks, 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.</li></ol> <p>At the Cottonwood Campground Site, the Permittee shall continue groundwater monitoring until the Permittee meets the requirements of this condition and groundwater monitoring confirms for a minimum of eight consecutive quarterly groundwater sampling events that groundwater does not exceed the standards of Section 20.6.2.3103 NMAC. This period is referred to as "post-closure."</p> <p>If at any time monitoring results show an exceedance of a groundwater quality standard in Section 20.6.2.3103 NMAC, the Permittee shall implement the Contingency Plan</p>



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	<p>required by this Discharge Permit.</p> <p>Following notification from NMED that the Permittee may cease post-closure monitoring, the Permittee shall plug and abandon the monitoring well(s) in accordance with the attachment Monitoring Well Guidance.</p> <p>When the Permittee has met all closure and post-closure requirements and verified appropriate actions with date stamped photographic evidence or an associated NMED inspection, the Permittee may submit to NMED a written request, including photographic evidence, for closure of the Site(s) and/or termination of the Discharge Permit.</p> <p>[Subsection A of 20.6.2.3107 NMAC, 40 CFR Part 503</p>
42.	<p>The Permittee shall perform the following closure measures in the event the camp host holding tank(s) at the Cedar Loop Campground Site and/or the Crusher Hole Campground Site is proposed to be permanently closed.</p> <p>Within <u>30 days</u> of ceasing discharge to the holding tank(s), the Permittee shall complete the following closure measures:</p> <ul style="list-style-type: none"><li>a) Plug all lines leading to the holding tank(s) so that a discharge can no longer occur.</li><li>b) Wastewater shall be pumped from the hold tank(s) and shall be contained, transported, and disposed of in accordance with all local, state, and federal regulations. The Permittee shall maintain a record of all wastes transported for off-site disposal.</li></ul> <p>Within <u>60 days</u> of ceasing discharge to the holding tank(s), the Permittee shall complete the following closure measures:</p> <ul style="list-style-type: none"><li>a) Remove all lines leading to the holding tank(s) or permanently plug them and abandon them in place.</li><li>b) Remove or demolish the holding tank(s) and re-grade the area with suitable fill to blend with surface topography to promote positive drainage and prevent ponding.</li></ul> <p>When the Permittee has met all 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 the closure of the Site(s) and/or termination of the Discharge Permit.</p> <p>[Subsection A of 20.6.2.3107 NMAC, 40 CFR Part 503</p>



**E. GENERAL TERMS AND CONDITIONS**

#	Terms and Conditions
43.	<p data-bbox="293 401 1360 432"><b>RECORD KEEPING</b> - The Permittee shall maintain a written record of the following:</p> <ul data-bbox="293 443 1435 1612" style="list-style-type: none"><li data-bbox="293 443 1390 474">• Information and data used to complete the application for this Discharge Permit;</li><li data-bbox="293 485 1409 516">• Information, data, and documents demonstrating completion of closure activities;</li><li data-bbox="293 527 1435 590">• Any releases (commonly known as “spills”) not authorized under this Discharge Permit and reports submitted pursuant to 20.6.2.1203 NMAC;</li><li data-bbox="293 600 1435 663">• The operation, maintenance, and repair of all facilities/equipment used to treat, store, or dispose of wastewater;</li><li data-bbox="293 674 1435 737">• Copies of logs, inspection reports, and monitoring reports completed and/or submitted to NMED pursuant to this Discharge Permit;</li><li data-bbox="293 747 1435 810">• The volume of wastewater or other wastes discharged pursuant to this Discharge Permit;</li><li data-bbox="293 821 1435 884">• Groundwater quality and wastewater quality data collected pursuant to this Discharge Permit;</li><li data-bbox="293 894 1435 957">• Copies of construction records (well logs) for all sampled groundwater monitoring wells pursuant to this Discharge Permit;</li><li data-bbox="293 968 1435 1031">• The maintenance, repair, replacement, or calibration of any monitoring equipment or flow measurement devices required by this Discharge Permit; and</li><li data-bbox="293 1041 1435 1612">• Data and information related to field measurements, sampling, and analysis conducted pursuant to this Discharge Permit, including the following:<ul data-bbox="391 1157 1435 1612" style="list-style-type: none"><li data-bbox="391 1157 1308 1188">○ the dates, locations, and times of sampling or field measurements;</li><li data-bbox="391 1199 1435 1262">○ the name and job title of the individuals who performed each sample collection or field measurement;</li><li data-bbox="391 1272 971 1304">○ the sample analysis date of each sample;</li><li data-bbox="391 1314 1435 1377">○ the name and address of the laboratory, and the name of the signatory authority for the laboratory analysis;</li><li data-bbox="391 1388 1435 1451">○ the analytical technique or method used to analyze each sample or collect each field measurement;</li><li data-bbox="391 1461 1338 1493">○ the results of each analysis or field measurement, including raw data;</li><li data-bbox="391 1503 1256 1535">○ the results of any split, spiked, duplicate, or repeat sample; and</li><li data-bbox="391 1545 1435 1612">○ a copy of the laboratory analysis chain-of-custody as well as a description of the quality assurance and quality control procedures used.</li></ul></li></ul> <p data-bbox="293 1661 1435 1766">The Permittee shall maintain the written record at a location accessible to NMED during a Facility inspection for the lifetime of the Discharge Permit. The Permittee shall make the record available to the department upon request.</p> <p data-bbox="293 1808 857 1839">[Subsections A and D of 20.6.2.3107 NMAC]</p>



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44.	<p>SUBMITTALS - The Permittee shall submit both a paper copy and an electronic copy of all notification and reporting documents required by this Discharge Permit, e.g., monitoring reports. The Permittee shall submit paper and electronic documents to the NMED Permit Contact identified on the Permit cover page.</p> <p>[Subsection A of 20.6.2.3107 NMAC]</p>
45.	<p>INSPECTION and ENTRY - The Permittee shall allow NMED to inspect the Facility and its operations that are subject to this Discharge Permit and the WQCC regulations. NMED may, upon presentation of proper credentials, enter at reasonable times upon or through any premises in which a water contaminant source is located or in which any maintained records required by this Discharge Permit, the regulations of the federal government, or the WQCC are located.</p> <p>The Permittee shall allow NMED to have access to and reproduce for their use any copy of the records, and to perform assessments, sampling or monitoring during an inspection for the purpose of evaluating compliance with this Discharge Permit and the WQCC regulations.</p> <p>No person shall construe anything in this Discharge Permit as limiting in any way the inspection and entry authority of NMED under the WQA, the WQCC Regulations, or any other local, state, or federal regulations.</p> <p>[Subsection D of 20.6.2.3107 NMAC, NMSA 1978, §§ 74-6-9.B and 74-6-9.E]</p>
46.	<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>
47.	<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 NMED's approval (which may require modification of this Discharge Permit) prior to implementing such changes.</p> <p>[Subsection C of 20.6.2.3107 NMAC, Subsections E and G of 20.6.2.3109 NMAC]</p>
48.	<p>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</p>



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	<p>or quality of the discharge will change substantially from that authorized by this Discharge Permit, the Permittee shall submit construction plans and specifications of the proposed system or process unit to NMED for approval prior to the commencement of construction.</p> <p>In the event the Permittee implements changes to the wastewater system authorized by this Discharge Permit that result in only a minor effect on the character of the discharge, the Permittee shall report such changes (including the submission of record drawings where applicable) to NMED prior to implementation.</p> <p>[Subsections A and C of 20.6.2.1202 NMAC, NMSA 1978, §§ 61-23-1 through 61-23-32]</p>
49.	<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>
50.	<p>CRIMINAL PENALTIES - No person shall:</p> <ul style="list-style-type: none"> <li>• Make any false material statement, representation, certification, or omission of material fact in an application, record, report, plan, or other document filed, submitted, or maintained under the WQA;</li> <li>• Falsify, tamper with, or render inaccurate any monitoring device, method, or record maintained under the WQA; or</li> <li>• Fail to monitor, sample, or report as required by a permit issued pursuant to a state or federal law or regulation.</li> </ul> <p>Any person who knowingly violates or knowingly causes or allows another person to violate the requirements of this condition is guilty of a fourth-degree felony and shall be sentenced in accordance with the provisions of NMSA 1978, § 31-18-15. Any person who</p>



#	Terms and Conditions
	<p>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>
51.	<p>COMPLIANCE with OTHER LAWS - Nothing in this Discharge Permit shall be construed in any way as relieving the Permittee of the obligation to comply with any other applicable federal, state, and/or local laws, regulations, zoning requirements, nuisance ordinances, permits, or orders.</p> <p>[NMSA 1978, § 74-6-5.L]</p>
52.	<p>RIGHT to APPEAL - The Permittee may file a petition for review before the WQCC on this Discharge Permit. Such petition shall be in writing to the WQCC within thirty days of the receipt of postal notice of this Discharge Permit and shall include a statement of the issues raised and the relief sought. Unless the Permittee files a timely petition for review, the decision of NMED shall be final and not subject to judicial review.</p> <p>[20.6.2.3112 NMAC, NMSA 1978, § 74-6-5.O]</p>
53.	<p>TRANSFER of DISCHARGE PERMIT - Prior to the transfer of any ownership, control, or possession of this Facility or any portion thereof, the Permittee shall:</p> <ul style="list-style-type: none"><li>• Notify the proposed transferee in writing of the existence of this Discharge Permit;</li><li>• Include a copy of this Discharge Permit with the notice; and</li><li>• Deliver or send by certified mail to NMED a copy of the notification and proof that the proposed transferee has received such notification.</li></ul> <p>The Permittee shall continue to be responsible for any discharge from the Facility, until both ownership and possession of the Facility have been transferred to the transferee.</p> <p>[20.6.2.3111 NMAC]</p>
54.	<p>PERMIT FEES - The Permittee shall be aware that the payment of permit fees is due at the time of Discharge Permit approval. The Permittee may pay the permit fees in a single</p>



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





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

### Facility Information

**Facility Name** Navajo Lake State Park  
**Discharge Permit Number** DP-1304  
**Legally Responsible Party** Colleen Baker, Bureau Chief  
New Mexico State Parks  
1220 South St, Francis Drive  
Santa Fe, NM 87505  
(505) 476-3387

### Treatment, Disposal and Site Information

**Primary Waste Type** Domestic  
**Facility Type** State Park/Campground

#### Treatment Methods

Type	Designation	Description & Comments
Septic Tank	Cottonwood Campground Site #1-West System	The West System 2,000 gallon septic tank that receives wastewater from the RV dump station and campground site hosts.
Septic Tank	Cottonwood Campground Site #2-West System	The West System 2,000 gallon septic tank that receives wastewater from the Site's West Comfort Station.
Septic Tank	Cottonwood Campground Site #3-West System	The West System 2,000 gallon septic tank that receives backwash water from the Site's water treatment system.
Septic Tank	Cottonwood Campground Site-East System	The East System two 1,500 gallon septic tanks, in series, that receives wastewater from the Site's East Comfort Station.
Septic Tank	Cedar Loop Campground Site	Two 2,000 gallon septic tanks, in series, that receives wastewater from the Site's comfort station.

#### Discharge Locations

Type	Designation	Description & Comments
Leachfield	Cottonwood Campground Site-West System Leachfields	The two leachfields that receives clarified wastewater from the Site's West System's three septic tanks. Wastewater discharges to a distribution box prior to the leachfields.
Evapotranspiration Bed	Cottonwood Campground Site-East System Evapotranspiration Bed	The evapotranspiration bed that receives clarified wastewater from the Site's East System's two septic tanks. Wastewater discharges to a dosing pump station prior to the evapotranspiration bed.





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

Evapotranspiration Bed	Cedar Loop Campground Site	The evapotranspiration bed that receives clarified wastewater from the Site's two septic tanks. Wastewater discharges to a dosing pump station prior to the evapotranspiration bed.
Impoundment	Government Housing Site	The synthetically lined evaporative impoundment that receives wastewater from the Site and Facility vault toilet waste, chemical toilet waste, domestic septage waste, and domestic wastewater holding tank waste transported in by truck. There is one unlined impoundment that is not authorized to receive wastewater or transported waste.
Impoundment	Pine River Campground Site	The synthetically lined evaporative impoundment that receives wastewater from the Site and Facility vault toilet waste, chemical toilet waste, domestic septage waste, and domestic wastewater holding tank waste transported in by truck. There is one unlined impoundment that is not authorized to receive wastewater or transported waste.
Impoundment	Sims Mesa Campground Site	The synthetically lined evaporative impoundment that receives wastewater from the Site and Facility vault toilet waste, chemical toilet waste, domestic septage waste, and domestic wastewater holding tank waste transported in by truck. There are two unlined impoundments that are not authorized to receive wastewater or transported waste.
Holding Tank	Cedar Loop Campground Site	A 1,000 gallons hold tank with a high level alarm that receives wastewater from the campground host site.
Holding Tank	Crusher Hole Campground Site	A 1,000 gallons hold tank with a high level alarm that receives wastewater from the campground host site.

### Flow Metering Locations

Type	Designation	Description & Comments
Water Supply Meter	Cottonwood Campground Site	Totalizing flow meter located on the water supply well for the Site.
Water Supply Meter	Cedar Loop Campground Site	Total flow meter located on the water supply for the Site's comfort station.
Pump(s) Hours Recorder	Government Housing Site	Hours recorder(s) on the lift station pump(s) that discharge to the Site's synthetically lined evaporative impoundment.
Pump(s) Hours Recorder	Pine River Campground Site	Hours recorder(s) on the lift station pump(s) that discharge to the Site's synthetically lined evaporative impoundment.
Pump(s) Hours Recorder	Sims Mesa Campground Site	Hours recorder(s) on the lift station pump(s) that discharge to the Site's synthetically lined evaporative impoundment.

### Ground Water Monitoring Locations

Type	Designation	Description & Comments
Monitoring Well	MW-1	Located hydrologically downgradient of the Cottonwood Campground Site's West System two leachfields.
Monitoring Well	MW-2	Located hydrologically downgradient of the Cottonwood Campground Site's East System evapotranspiration bed.





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

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<b>Depth-to-Ground Water</b>	5 to 250 feet
<b>Total Dissolved Solids (TDS)</b>	1,794 to 2,775 mg/L

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### Permit Information

<b>Original Permit Issued</b>	February 7, 2001
<b>Permit Renewal and Modification</b>	February 28, 2007
<b>Permit Renewal</b>	May 22, 2015

<b>Current Action</b>	<b>Permit Renewal and Modification</b>
Application Received	March 11, 2020
	July 20, 2020
Public Notice Published	[not yet published]
Permit Issued (Issuance Date)	[issuance date]
Permitted Discharge Volume	22,000 gallons per day

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### NMED Contact Information

<b>Mailing Address</b>	Ground Water Quality Bureau P.O. Box 5469 Santa Fe, New Mexico 87502-5469
<b>GWQB Telephone Number</b>	(505) 827-2900
<b>NMED Lead Staff</b>	Gerald Knutson
<b>Lead Staff Telephone Number</b>	(505) 660-7189
<b>Lead Staff Email</b>	gerald.knutson@state.nm.us