



**Region 6**  
1445 Ross Avenue  
Dallas, Texas 75202-2733

NPDES Permit No. **NM0024937**

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## **AUTHORIZATION TO DISCHARGE UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM**

In compliance with the provisions of the Clean Water Act, as amended, (33 U.S.C. 1251 et. seq; the "Act"),

New Mexico State Parks & Recreation  
Elephant Butte State Park  
P.O. Box 13  
Elephant Butte, NM 87935

is authorized to discharge from the Elephant Butte Park Wastewater Treatment Plant located at 101 Highway 195, Elephant Butte, in Sierra County, New Mexico,

to the Elephant Butte Reservoir in Segment 20.6.4.104 of the Rio Grande Basin, from a point located approximately

Outfall 001: Latitude 33° 08' 39" North, Longitude 107° 11' 04" West

in accordance with effluent limitations, monitoring requirements and other conditions set forth in Parts I, II, III, and IV hereof.

This permit shall become effective on

This permit and the authorization to discharge shall expire at midnight,

Issued on

Prepared by

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Miguel I. Flores  
Director  
Water Quality Protection Division (6WQ)

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Isaac Chen  
Environmental Engineer  
Permits Section (6WQ-PP)

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## **PART I**

### **SECTION A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS.**

#### **1. Final Effluent limits – 0.03 MGD design flow**

During the period beginning on the effective date of this permit and lasting through the expiration date of this permit, the permittee is authorized to discharge from evaporation lagoon outfall serial number 001. Such discharges shall be limited and monitored by the permittee as specified below:

EFFLUENT CHARACTERISTICS		DISCHARGE LIMITATIONS		MONITORING REQUIREMENTS	
		Standard Units			
POLLUTANT	STORET CODE	MINIMUM	MAXIMUM	MEASUREMENT FREQUENCY	SAMPLE TYPE
pH	00400	6.6	9.0	1/Week	Grab

EFFLUENT CHARACTERISTICS		DISCHARGE LIMITATIONS					MONITORING REQUIREMENTS	
		lbs/day, unless noted		mg/l, unless noted				
POLLUTANT	STORET CODE	30-DAY AVG	7-DAY AVG	30-DAY AVG	7-DAY AVG	DAILY MAX	MEASUREMENT FREQUENCY	SAMPLE TYPE
Flow	50050	Report MGD	Report MGD	***	***	***	Daily	Estimate
Biochemical Oxygen Demand, 5-day	00310	N/A	N/A	30	45	N/A	1/Month	Grab
Total Suspended Solids	00530	N/A	N/A	30	45	N/A	1/Month	Grab
E. Coli Bacteria	51040	N/A	N/A	126 cfu/100 ml	N/A	235 cfu/100 ml	1/Month	Grab

EFFLUENT CHARACTERISTICS	DISCHARGE MONITORING		MONITORING REQUIREMENTS	
	30-DAY AVGMINIMUM	48-HR MINIMUM	MEASUREMENT FREQUENCY	SAMPLE TYPE
WHOLE EFFLUENT TOXICITY TESTING (7-day Static Renewal)				
Pimephales promelas (*1)	Report	Report	Once/Term	Grab
Ceriodaphnia dubia (*1)	Report	Report	Once/Term	Grab

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FOOTNOTES:

- \*1 Once per permit-term. The test shall take place between November 1 and April 30 during the first year of the permit term. If no discharge occurs or is expected to occur, the test shall take place as soon as possible. This permit does not establish requirements to automatically increase the WET testing frequency after a test failure, or to begin a toxicity reduction evaluation (TRE) in the event of multiple test failures. However, upon failure of any WET test, the permittee must report the test results to EPA and NMED, Surface Water Quality Bureau, in writing, within 5 business days of notification the test failure. EPA and NMED will review the test results and determine the appropriate action necessary, if any.

There shall be no discharge of oils, scum, grease and other floating materials that would cause the formation of a visible sheen or visible deposits on the bottom or shoreline, or would damage or impair the normal growth, function or reproduction of human, animal, plant or aquatic life.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the discharge from the final treatment unit prior to the discharge into the receiving stream from the following approximate location: Outfall 001.

**SECTION B. MONITORING AND REPORTING.**

1. Monitoring and Reporting
  - a. The permittee shall effectively monitor the operation and efficiency of all treatment and control facilities and the quantity and quality of the treated discharge.
  - b. Monitoring information shall be on Discharge Monitoring Report Form(s) EPA 3320-1 as specified in Part III.D.4 of this permit and shall be submitted quarterly. Each quarterly submittal shall include separate forms for each month of the reporting period.
  - c. Reporting periods shall end on the last day of the months March, June, September, and December.
  - d. The permittee is required to submit regular quarterly reports as described above postmarked no later than the 28<sup>th</sup> day of the month following each reporting period.
  - e. **NO DISCHARGE REPORTING**

If there is no discharge at Outfall 001 during the sampling month, place an "X" in the NO DISCHARGE box located in the upper right corner of the Discharge Monitoring Report.
2. If any 7-day average or 30-day average value exceeds the effluent limitations specified in Part I.A, the permittee shall report the excursion in accordance with the requirements of Part III.D.
3. Any 7-day average or 30-day average value reported in the required Discharge Monitoring Report which is in excess of the effluent limitation specified in Part I.A shall constitute evidence of violation of such effluent limitation and of this permit.
4. Other measurements of oxygen demand (e.g., TOC and COD) may be substituted for the five-day Biochemical Oxygen Demand (BOD<sub>5</sub>), or for the five-day Carbonaceous Biochemical Oxygen Demand (CBOD<sub>5</sub>), as applicable, where the permittee can demonstrate long-term correlation of the method with BOD<sub>5</sub> or CBOD<sub>5</sub> values, as applicable. Details of the correlation procedures used must be submitted and prior approval granted by the permitting authority for this procedure to be acceptable. Data reported must also include evidence to show that the proper correlation continues to exist after approval.
5. **Overflow Reporting:**

The permittee shall report all overflows with the Discharge Monitoring Report submittal. These reports shall be summarized and reported in a tabular format. The summaries shall include: the date, time, duration, location, estimated volume, and cause of the overflow; observed environmental impacts from the overflow; action taken to address the overflow; and ultimate discharge location if not contained (e.g., storm sewer system, ditch, tributary). Overflows which endanger health or the environment shall be

orally reported to EPA at (214) 665-6595, and to the NMED Surface Water Quality Bureau at (505) 827-0187 within 24 hours from the time the permittee becomes aware of the circumstance. A written report of overflows which endanger health or the environment shall be provided within five (5) days of the time the permittee becomes aware of the circumstance. The written reports shall be sent to both EPA, and the NMED Surface Water Quality Bureau.