



REGION 6
1445 ROSS AVENUE
DALLAS, TEXAS 75202-2733

NPDES Permit No **NM0029891**

**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"),

City of Raton
P.O. Box 99
Raton, New Mexico 87740

is authorized to discharge from a facility located in Raton, Colfax County, New Mexico. The discharge will be to an unclassified, ephemeral reach of Raton Creek, thence to the classified, perennial reach of Raton Creek, thence to Chicorica Creek, thence to the Canadian River in Segment 20.6.4.305 at the following coordinates:

Outfall 001: Latitude 36° 59' 32" North, Longitude 104° 24' 46" West,

in accordance with this cover page and the effluent limitations, monitoring requirements, and other conditions set forth in Part I, Part II, Part III, and Part IV hereof.

This permit supersedes and replaces NPDES Permit No. NM0029891 issued July 21, 2006.

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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PART I – REQUIREMENTS FOR NPDES PERMITS

SECTION A. LIMITATIONS AND MONITORING REQUIREMENTS

1. Effluent Limits – 0.08 MGD Design Flow

During the period beginning the effective date of the permit and lasting through the expiration date of this permit, the permittee is authorized to discharge backwash and filter-to-waste water from Outfall 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	DAILY MAX	30-DAY AVG	30-DAY AVG	7-DAY AVG	DAILY MAX	MEASURE-MENT FREQUENCY	SAMPLE TYPE
Flow	50050	Report MGD	Report MGD	N/A	N/A	N/A	1/Week	Estimate
Total Residual Chlorine (*1,2)	50060	N/A	N/A	N/A	N/A	No Measurable	1/Week	Grab
Total Suspended Solids	50030	N/A	N/A	20	N/A	30	1/Week	Grab
Total Gross Alpha	80029	N/A	N/A	Report	N/A	Report	1/Permit Cycle (*4)	Grab
Tritium	82136	N/A	N/A	Report	N/A	Report	1/Permit Cycle (*4)	Grab

EFFLUENT CHARACTERISTICS	DISCHARGE MONITORING		MONITORING REQUIREMENTS	
	30-DAY AVG MINIMUM	48-HR MINIMUM	MEASUREMENT FREQUENCY	SAMPLE TYPE
WHOLE EFFLUENT TOXICITY TESTING (*5) (48-Hour Static Renewal)	Report	Report	1/5 years (*5)	24-Hr Comp.
<i>Daphnia pulex</i>	Report	Report	1/5 years (*5)	24-Hr Comp.

Footnotes:

- *1 Instantaneous Maximum. After dechlorination and prior to final disposal, the effluent shall contain NO MEASURABLE total residual chlorine (TRC) at any time. NO MEASURABLE will be defined as no detectable concentration of TRC as determined by any approved method established in 40 CFR 136. If during the term of this permit the minimum quantification level for TRC becomes less than 0.011 mg/l, then 0.011 mg/l shall become the effluent limitation. The effluent limitation for TRC is the instantaneous maximum and can not be averaged for reporting purposes.
- *2 If any individual analytical tests result in less than the minimum quantification level listed at Part II.B of this permit, a value of zero (0) may be used for that individual result for the Discharge Monitoring Report (DMR) calculations and reporting requirements.
- *3 When discharging
- *4 "Permit Cycle" means once during the term of the permit, when discharging. These samples shall be taken at the FIRST DISCHARGE, after the permit effective date, and reported in writing to both the EPA and NMED within sixty (60) days of sampling. See Part I.C, Monitoring and Reporting, below for additional reporting requirements.
- *5 Monitoring and reporting requirements begin on the effective date of this permit. Samples should be taken in upon first discharge. See PART II, Whole Effluent Toxicity testing requirements for additional WET monitoring and reporting conditions.

FLOATING SOLIDS, VISIBLE FOAM AND/OR OILS

There shall be no discharge of floating solids or visible foam in other than trace amounts. There shall be no discharge of visible films of oil, globules of oil, grease or solids in or on the water, or coatings on stream banks.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the discharge from the final treatment unit prior to the receiving stream.

B. SCHEDULE OF COMPLIANCE

None.

C. MONITORING AND REPORTING

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 monthly.

- a. Reporting periods shall end on the last day of the month.
- b. The permittee is required to submit regular monthly reports as described above postmarked no later than the 15th day of the month following each reporting period.
- c. If any 7-day average or daily maximum 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.
- d. Any 30-day average, 7-day average, or daily maximum 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.
- e. Other measurements of oxygen demand (e.g., TOC and COD) may be substituted for five-day Biochemical Oxygen Demand (BOD5) or for five-day Carbonaceous Biochemical Oxygen Demand (CBOD5), as applicable, where the permittee can demonstrate long-term correlation of the method with BOD5 or CBOD5 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.

- f. 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.

D. OVERFLOW REPORTING

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

Overflows that endanger health or the environment shall be orally reported to EPA at (214) 665-6595, and 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 that endanger health or the environment shall be provided to EPA and the NMED Surface Water Quality Bureau within 5 days of the time the permittee becomes aware of the circumstance.

E. POLLUTION PREVENTION REQUIREMENTS

The permittee shall institute a program within 12 months of the effective date of the permit (or continue an existing one) directed towards optimizing the efficiency and extending the useful life of the facility. The permittee shall consider the following items in the program:

- a. The influent loadings, flow and design capacity;
- b. The effluent quality and plant performance;
- c. The age and expected life of the wastewater treatment facility's equipment;
- d. Bypasses and overflows of the tributary sewerage system and treatment works;
- e. New developments at the facility;
- f. Operator certification and training plans and status;
- g. The financial status of the facility;
- h. Preventative maintenance programs and equipment conditions and;
- i. An overall evaluation of conditions at the facility.

F. APPLICATION, DMR, AND COMPLIANCE STATUS REPORT

A duplicate copy of application for permit renewal, monthly Discharge Monitoring Report, and compliance status report, if there are any, shall be sent to New Mexico Environment Department (NMED) at the mailing address listed in Part III of this permit.