



**REGION 6**  
**1445 ROSS AVENUE**  
**DALLAS, TEXAS 75202-2733**

**NPDES Permit No. NM0028886**

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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"),

Sacramento Methodist Assembly  
P.O. Box 8  
Sacramento, New Mexico 88347

is authorized to discharge to an unnamed intermittent stream, thence to Agua Chiquita Creek, thence to Rio Penasco, thence to the Pecos River in Waterbody Segment Code No. 20.6.4.208 of the Pecos River Basin from a facility located at 106 Assembly Circle, Sacramento, Otero County, New Mexico.

The discharge is located on that water at the following coordinates:

Outfall 001: Latitude 32° 47' 25" North and Longitude 105° 33' 35" 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 hereof.

This permit supersedes and replaces NPDES Permit No. NM0028886 issued November 15, 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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William K. Honker, P.E.  
Division Director  
Water Quality Protection Division (6WQ)

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Permits & Technical Section (6WQ-PP)

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**PART I – REQUIREMENTS FOR NPDES PERMITS**

**SECTION A. LIMITATIONS AND MONITORING REQUIREMENTS**

1. Final Effluent Limits – 0.042 MGD Design Flow

During the period beginning the effective date of the permit and lasting until the expiration date of the permit (unless otherwise noted), the permittee is authorized to discharge treated sanitary wastewater to the unnamed intermittent stream 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	MINIMUM	MAXIMUM	MEASUREMENT FREQUENCY	SAMPLE TYPE
pH	6.6	9.0	Once/Month	Grab

EFFLUENT CHARACTERISTICS	DISCHARGE LIMITATIONS						MONITORING REQUIREMENTS	
	lbs/day, unless noted			mg/L, unless noted (*6)				
POLLUTANT	30-DAY AVG	DAILY MAX	7-DAY AVG	30-DAY AVG	DAILY MAX	7-DAY AVG	MEASUREMENT FREQUENCY	SAMPLE TYPE
Flow	Report MGD	Report MGD	Report MGD	N/A	N/A	N/A	Five/Week	Instantaneous Grab (*4)
Biochemical Oxygen Demand, 5-day	10.5	N/A	15.8	30	N/A	45	Once/Month (*2)	Grab
Biochemical Oxygen Demand, 5-day, % removal, minimum	≥ 85% (*5)	N/A	N/A	N/A	N/A	N/A	Once/Month	Calculation (*5)
Total Suspended Solids	10.5	N/A	15.8	30	N/A	45	Once/Month (*2)	Grab
Total Suspended Solids, % removal, minimum	≥ 85% (*5)	N/A	N/A	N/A	N/A	N/A	Once/Month	Calculation (*5)

<i>E.coli</i> Bacteria	N/A	N/A	N/A	206 (*1)	940 (*1)	NA	Once/Month (*2)	Grab
Total Residual Chlorine	N/A	N/A	N/A	N/A	11 µg/l (*3)	N/A	Five/Week	Instantaneous Grab (*3, 4)

EFFLUENT CHARACTERISTICS	DISCHARGE MONITORING		MONITORING REQUIREMENTS	
	30-DAY AVG MINIMUM	7-DAY MINIMUM	MEASUREMENT FREQUENCY	SAMPLE TYPE
WHOLE EFFLUENT TOXICITY TESTING (*6) (7-Day Static Renewal)				
<i>Ceriodaphnia dubia</i>	Report	Report	Once /Permit Term (*7)	Grab
<i>Pimephales promelas</i>	Report	Report	Once /Permit Term (*7)	Grab

Footnotes:

- \*1 Colony forming units (cfu) per 100 ml.
- \*2 For any reporting period, samples shall be taken at least ten (10) days from the first sample of the previous reporting period.
- \*3 The effluent limitation for TRC is the instantaneous maximum grab sample taken during periods of chlorine use and can not be averaged for reporting purposes. Instantaneous maximum is defined in 40 CFR Part 136 as being measured within 15 minutes of sampling.
- \*4 Daily minimum. Instantaneous grab samples are to be taken between the times of 10:00 am-2:00 pm.
- \*5 Percent removal is calculated using the following equation: (average monthly influent concentration – average monthly effluent concentration) ÷ average monthly influent concentration. This data is not required to be submitted but must be made available to EPA or its agents upon request.
- \*6 See Part II. Section A. Minimum Quantification Level (MQL) of permit.
- \*7 Once per permit-term. The test shall take place between November 1 and April 30 during the first year of the permit term. 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 failures. However, upon failure of any WET test, the permittee must report the results to EPA and NMED, Surface Water Quality Bureau, in writing, within 5 business days of notification of the test failure. EPA and NMED will review the test results and determine the appropriate action necessary, if any.

**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 (MINOR DISCHARGERS)**

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.

1. Reporting periods shall end on the last day of the months March, June, September, and December.
2. The permittee is required to submit regular quarterly reports as described above postmarked no later than the 28th day of the month following each reporting period.