

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

ORDER NO. 84-107
NPDES NO. CA0104698

WASTE DISCHARGE REQUIREMENTS
FOR
CITY OF BANNING
Riverside County

The California Regional Water Quality Control Board, Colorado River Basin Region, finds that:

1. City of Banning (hereinafter also referred to as the discharger), 161 West Ramsey Street, Banning, California, 92220, submitted an updated NPDES Application for Permit to Discharge dated May 22, 1984. Said application is assigned Application No. CA0104698.
2. The discharger presently discharges a peak month average daily flow of 2.15 mgd and a peak week average daily flow of 2.21 mgd of wastewater from a trickling filter treatment plant into infiltration basins. This discharge is subject to waste discharge requirements contained in Order No. 74-108.
3. The discharger proposes to discharge, during emergencies, a maximum of 3.0 mgd to Smith Creek in the N $\frac{1}{2}$ of Section 14, T3S, R1E, SBB&M, for a maximum of 14 days per year. Under normally dry channel conditions, the wastewater would be infiltrated into the bed of said Creek within one mile from the point of discharge.
4. The Water Quality Control Plan for the Colorado River Basin Region of California was adopted by the Regional Board on May 16, 1984. The Basin Plan contains water quality objectives for San Gorgonio Hydrologic Subunit.
5. Smith Creek at the location of the proposed discharge is normally dry and subject to storm flows on a frequency of about six (6) times per year. These storm flows subsequently infiltrate subsurface.
6. The beneficial uses of the ground water of the San Gorgonio Hydrologic Subunit are:
 - a. Municipal supply
 - b. Agricultural supply
 - c. Industrial supply
7. The issuance of waste discharge requirements for this discharge is exempt from the provisions of Chapter 3 (commencing with Section 21000 et. seq.) of Division 13 of the Public Resources Code in accordance with Water Code Section 13389.

*Allowed to
expire on
11-14-89*

8. The discharge has been subject to waste discharge requirements adopted in Order No. 79-83 (NPDES No. CA0104698).
9. The discharge is subject to Cease and Desist Order No. 79-116, dated November 28, 1979, which contains a time schedule for compliance with BOD and Suspended Solids limitations.
10. The Board has notified the discharger and interested agencies and persons of its intent to update requirements for the existing discharge and has provided them with an opportunity for a public hearing and an opportunity to submit their written views and recommendations.
11. The Board in a public meeting heard and considered all comments pertaining to the discharge.
12. This Order shall serve as a National Pollutant Discharge Elimination System Permit pursuant to Section 402 of the Federal Clean Water Act, or amendments thereto, and shall take effect at the end of ten days from date of adoption provided the Regional Administrator has no objections.

IT IS HEREBY ORDERED, City of Banning, in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, and the provisions of the Federal Clean Water Act and regulations and guidelines adopted thereunder, shall comply with the following:

A. Effluent Limitations

1. Representative samples of wastewater discharged to Smith Creek shall not contain constituents in excess of the following limits:

Constituent	Unit	30-Day Arithmetic Mean Discharge Rate	7-Day Arithmetic Mean Discharge Rate
Total Dissolved Solids	lbs/day	11,259	12,510
	mg/l	450	500
20°C BOD ₅	lbs/day	751	1,126
	mg/l	30	45
Suspended Solids	lbs/day	751	1,126
	mg/l	30	45
Settleable Matter	ml/l	0.3	0.5

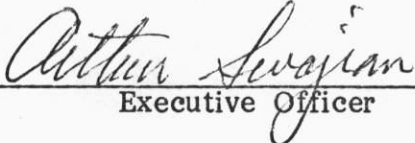
2. The arithmetic mean of the values, by weight, for effluent samples collected for 20°C BOD₅ and for suspended solids in any 30-day period shall not be greater than 15 percent of the arithmetic mean of the values, by weight, for influent samples collected during the same 30-day period (85 percent removal).
3. The effluent values for pH shall remain within the limits of 6.0 to 9.0.
4. Wastewater discharged to Smith Creek shall have a median Most Probable Number of coliform organisms of not more than 23 per 100 ml at some point in the treatment process. The median values shall be determined from:
 - a. Consecutive results obtained on samples collected on seven sampling days.
 - b. Samples to be collected daily.
 - c. Samples to be collected during peak flow.
5. The discharger shall maintain a daily record of the following:
 - a. The chlorine residual in the effluent during the period of peak flow.
 - b. The amount of chlorine used and flow treated.
6. Wastewater discharged to Smith Creek shall not surface flow further downstream than the east section line of Section 13, T3S, R1E, SBB&M, except as may occur during storm water flows.

B. Provisions

1. Neither the treatment nor the discharge of wastes shall cause a pollution or a nuisance, as defined in Division 7 of the California Water Code.
2. Discharge to Smith Creek shall take place only during emergencies, shall not exceed 14 days per calendar year, and shall not exceed 3.0 mgd. Emergencies do not include routine maintenance operations.
3. Adequate protective works shall be provided to assure that a flood which would be expected to occur on a frequency of once in a 100-year period, would not erode or otherwise render portions of the treatment and discharge facilities inoperable.
4. This Order supersedes this Board's Order No. 79-83.
5. This Order includes the attached "Monitoring and Reporting Program No. 84-107", and future revisions thereto, as specified by the Executive Officer.

6. This Order expires five (5) years from November 14, 1984, and the discharger shall file a Report of Waste Discharge in accordance with Title 23, California Administrative Code, not later than 180 days in advance of such date as an application for issuance of new waste discharge requirements.
7. Facilities shall be available to keep the plant in operation in the event of commercial power failure.
8. The discharger's wastewater treatment plant shall be supervised and operated by persons possessing certification of appropriate grade pursuant to Chapter 3, Subchapter 14, Title 23, California Administrative Code.

I, Arthur Swajian, Executive Officer, do hereby certify the foregoing is a full, true and correct copy of an Order adopted by the California Regional Water Quality Control Board, Colorado River Basin Region, on November 14, 1984.



Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 84-107
FOR
CITY OF BANNING
Riverside County

Location of Discharge: N $\frac{1}{2}$ of Section 14, T3S, R1E, SBB&M

EFFLUENT MONITORING

Wastewater discharged to Smith Creek shall be monitored for the following constituents. A sampling station shall be established where representative samples of the effluent can be obtained.

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Flow (Total)	MGD	Flow Measurement	Daily ¹
Settleable Matter	ml/l	Grab at Peak Flow	Daily
Suspended Solids	mg/l	24-Hr. Composite	Weekly
20°C BOD ₅	mg/l	24-Hr. Composite	Weekly
pH	pH Units	Grab at Peak Flow	Daily
Coliform	MPN/100 ml	Grab at Peak Flow	Daily ²
Chlorine Residual	mg/l	Grab at Peak Flow	Daily
Total Dissolved Solids	mg/l	24-Hr. Composite	Weekly

INFLUENT MONITORING

The wastewater influent to the treatment facilities shall be monitored for 20°C BOD₅ and for suspended solids, biweekly, 24-hr. composite sample.

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1. Reported for each day with average monthly flow calculated.
 2. Sample may be taken at any point in the treatment process.

REPORTING

Discharges to Smith Creek shall be reported to the Regional Board prior to commencement of discharge, if possible, otherwise immediately thereafter by phone (619) 346-7491, and confirmed by letter.

Monitoring data shall be submitted weekly to the Board during discharge to Smith Creek.

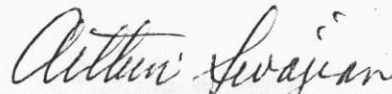
Forward monitoring reports to:

California Regional Water Quality Control Board
Colorado River Basin Region
73-271 Highway 111, Suite 21
Palm Desert, CA 92260

A copy of the discharge monitoring report shall also be sent to:

Regional Administrator
Environmental Protection Agency
Region 9, Attn: W-3
215 Fremont Street
San Francisco, CA 94105

ORDERED BY:

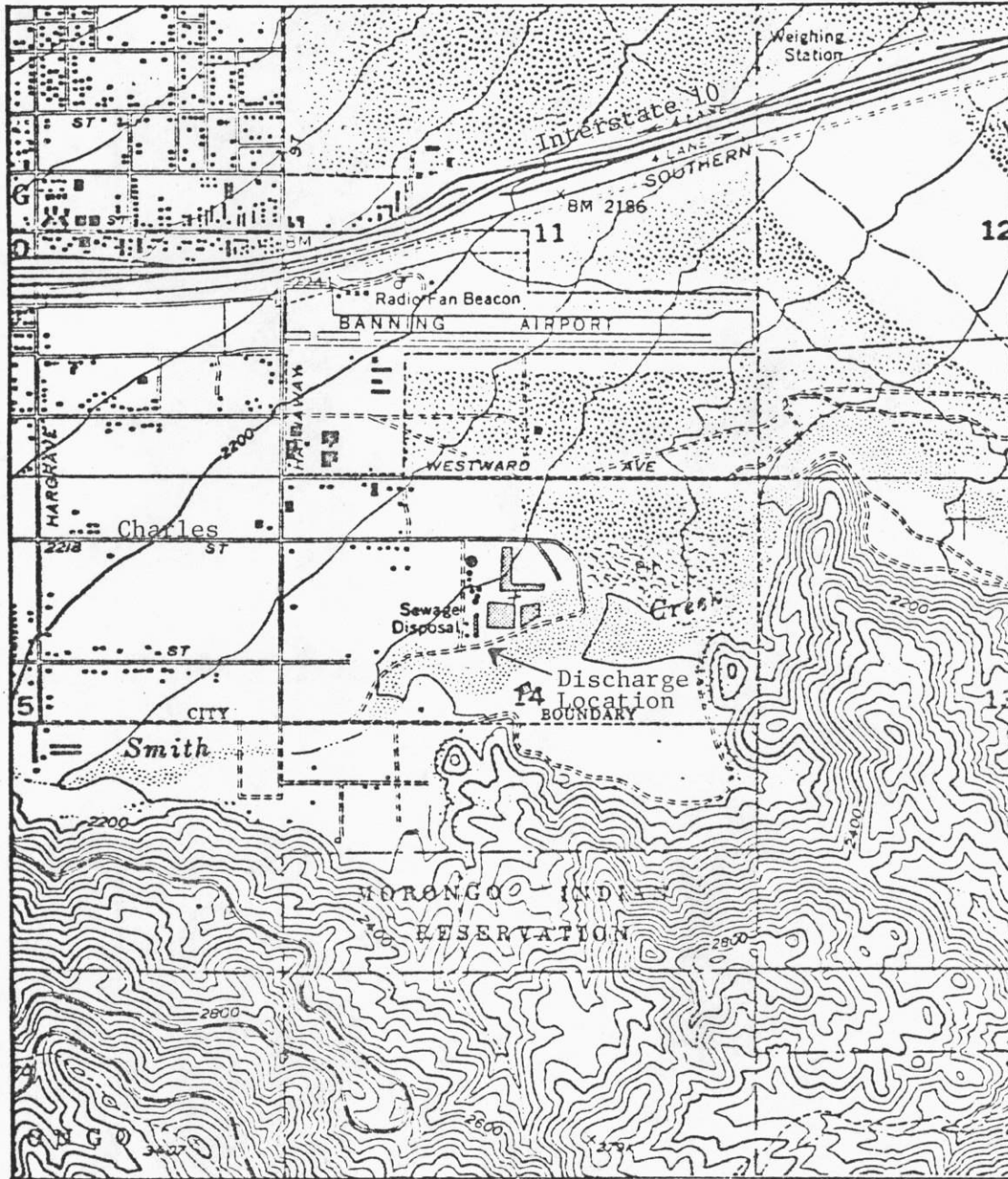


Executive Officer

November 14, 1984

Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD - 7



SITE MAP

CITY OF BANNING
Wastewater Discharge
Riverside County
N½ of Section 14, T3S, R1E, SBB&M
USGS Cabazon 7.5 min. Topographic Map

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