

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION**

ORDER NO. 87-73

**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), 1434 W. Ramsey Street, Banning, California, 92220, submitted an updated report of waste discharge dated May 19, 1987.
2. The discharger proposes to discharge a peak month average daily flow of 3.6 mgd of wastewater from a trickling filter treatment plant into 10 infiltration basins which are located in Section 14, T3S, R1E, SBB&M.
3. A proposed discharge of wastewater to the City's sewage collection system from a metal plating facility represents a material change in discharge.
4. The discharge has been subject to waste discharge requirements adopted in Board Order No. 74-108.
5. Board Order No. 84-107 (NPDES Permit No. CA 0104698) allows a discharge, during emergencies, of a maximum of 3.0 mgd to Smith Creek in the N½ of Section 14, T3S, R1E, SBB&M, for a maximum of 14 days per year.
6. The Water Quality Control Plan for the Colorado River Basin Region of California was adopted by the Regional Board on May 16, 1984.
7. The beneficial uses of the ground water of the San Gorgonio Hydrologic Subunit are:
 - a. Municipal supply
 - b. Agricultural supply
 - c. Industrial supply
8. 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.
9. The Board in a public meeting heard and considered all comments pertaining to the discharge.

01-20-93
superseded
by Order # 93-003

10. These waste discharge requirements govern an existing facility which the discharger is currently operating and therefore, is exempt from the provisions of the California Environmental Quality Act in accordance with Section 15301 of Title 14, Chapter 3 of the California Administrative Code.

IT IS HEREBY ORDERED, The City of Banning, shall comply with the following:

A. Discharge Specifications

1. Representative samples of wastewater discharged to any holding or infiltration basin shall not contain constituents in excess of the following limits:

Constituent	Unit	30-Day Arithmetic Mean Discharge Rate	7-Day Arithmetic Mean Discharge Rate
20°C BOD ₅	mg/l	30	45
Suspended Solids	mg/l	30	45
Settleable Matter	ml/l	0.3	0.5

2. Representative samples of wastewater contained in holding or infiltration basins shall not contain constituents in excess of the following limits:

Constituent	Unit	30-Day Arithmetic Mean Discharge Rate	7-Day Arithmetic Mean Discharge Rate	Maximum
Total Dissolved Solids	mg/l	450	500	-
Sulfate (SO ₄)	mg/l	70	80	-
Chloride (Cl)	mg/l	70	80	-
Fluoride (F)	mg/l	1.2	1.3	-
Cadmium (Cd)	mg/l	-	-	0.01
Chromium (Cr)	mg/l	-	-	0.05

Constituent	Unit	30-Day Arithmetic Mean Discharge Rate	7-Day Arithmetic Mean Discharge Rate	Maximum
Copper (Cu)	mg/l	-	-	1.0
Cyanide (Cn)	mg/l	-	-	0.01
Lead (Pb)	mg/l	-	-	0.05
Nickel (Ni)	mg/l	-	-	0.0134
Zinc (Zn)	mg/l	-	-	5.0
Arsenic (As)	mg/l	-	-	0.05
Silver (Ag)	mg/l	-	-	0.05
Tin (Sn)	mg/l	-	-	2.5
Barium (Ba)	mg/l	-	-	1.0
Iron (Fe)	mg/l	-	-	0.3
Manganese (Mn)	mg/l	-	-	0.05
Selenium (Se)	mg/l	-	-	0.01

3. The effluent values for pH shall remain within the limits of 6.0 to 9.0.
4. Infiltration facilities shall be maintained and operated so as to maximize infiltration and minimize the increase of salinity.
5. A freeboard depth of at least two feet shall be maintained in each infiltration basin.
6. There shall be no surface flow of sewage away from the designated disposal areas.

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. 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.

3. This Order supersedes this Board's Order No. 74-108.
4. This Order includes the attached "Monitoring and Reporting Program No. 87-73", and future revisions thereto, as specified by the Executive Officer.
5. Facilities shall be available to keep the plant in operation in the event of commercial power failure.
6. 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.
7. Prior to any reclamation use of wastewater, the city of Banning shall submit an updated report of waste discharge, receive waste discharge requirements therefor, and provide facilities needed to comply with the requirements.

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 September 23, 1987.



Executive Officer

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION**

MONITORING AND REPORTING PROGRAM NO. 87-73

FOR
CITY OF BANNING
Riverside County

Location of Discharge: Section 14, T3S, R1E, SBB&M

EFFLUENT MONITORING

Wastewater discharged from the treatment facilities shall be monitored at the outlet from the final clarifier for the following:

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
20°C BOD ₅	mg/l	24-Hr. Composite	Weekly
Suspended Solids	mg/l	24-Hr. Composite	Weekly
Settleable Matter	ml/l	Grab at Peak Flow	Daily
Flow (total plant effluent)	MGD	Flow measurement	Daily (1)
pH	pH Units	Grab at Peak Flow	Daily

Wastewater contained in holding and infiltration basins shall be monitored for the following: (The sample shall be collected from the receiving infiltration basin at the opposite side from the discharge pipe).

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Total Dissolved Solids	mg/l	Grab	Quarterly
Sulfate (So ₄)	mg/l	Grab	Quarterly
Chloride (Cl)	mg/l	Grab	Quarterly
Fluoride (F)	mg/l	Grab	Quarterly
Cadmium (Cd)	mg/l	Grab	Quarterly
Chromium (Cr)	mg/l	Grab	Quarterly
Copper (Cu)	mg/l	Grab	Quarterly
Cyanide (CN)	mg/l	Grab	Quarterly
Lead (Pb)	mg/l	Grab	Quarterly
Nickel (Ni)	mg/l	Grab	Quarterly
Zinc (Zn)	mg/l	Grab	Quarterly
Arsenic (As)	mg/l	Grab	Quarterly
Silver (Ag)	mg/l	Grab	Quarterly
Tin (Sn)	mg/l	Grab	Quarterly
Barium (Ba)	mg/l	Grab	Quarterly
Iron (Fe)	mg/l	Grab	Quarterly
Manganese (Mn)	mg/l	Grab	Quarterly
Selenium (Se)	mg/l	Grab	Quarterly

(1) Reported for each day with average monthly flow calculated.

SLUDGE MONITORING

Sludge contained in drying beds shall be monitored for the following:

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Cadmium (Cd)	mg/kg	Composite	Quarterly
Chromium (Cr)	mg/kg	Composite	Quarterly
Copper (Cu)	mg/kg	Composite	Quarterly
Cyanide (CN)	mg/kg	Composite	Quarterly
Lead (Pb)	mg/kg	Composite	Quarterly
Nickel (Ni)	mg/kg	Composite	Quarterly
Zinc (Zn)	mg/kg	Composite	Quarterly
Arsenic (As)	mg/kg	Composite	Quarterly
Polychlorinated biphenyls (PCBS)	mg/kg	Composite	Quarterly
Total Nitrogen	Percent	Composite	Quarterly
Total Solids	Percent	Composite	Quarterly
pH	Standard Units	Composite	Quarterly

REPORTING

Monitoring reports shall be submitted to the Regional Board as follows:

Quarterly reports - by January 15, April 15, July 15, and October 15 of each year.

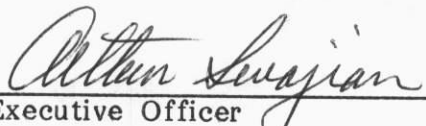
Daily and Weekly data - reported monthly by the 15th day of the following month.

The discharger shall implement the above monitoring program within 30 days of the effective date of this Order.

Forward monitoring reports to:

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

ORDERED BY


Executive Officer

September 23, 1987

Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD - 7



Scale:
1" = 2,000'

SITE MAP

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

Order No. 87-73