CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

ORDER NO. 93-003

WASTE DISCHARGE REQUIREMENTS
FOR
CITY OF BANNING
WASTEWATER TREATMENT PLANT
DISCHARGE OF WASTEWATER TO INFILTRATION BASINS
Banning - Riverside County

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

1. The City of Banning (hereinafter referred to as the discharger), 99 East Ramsey Street, Banning, CA 92220, submitted a Report of Waste Discharge dated September 17, 1992.

2. The discharger proposes to discharge an average daily flow of 3.6 million gallons-per-day (MGD) of wastewater from a trickling filter treatment plant located at 2242 E. Charles Street, Banning, into 10 infiltration basins which are located in Section 14, T3S, R1E, SBB&M (see attached site map).

3. The discharge has been subject to waste discharge requirements adopted in Board Order No. 87-73.

4. The infiltration basins overlies an aquifer of high quality. The discharger states that the depth to ground water is approximately 400 feet. Infiltration of wastewater from the ponds is likely to degrade the quality of the ground water by increasing the concentrations of total dissolved solids and nitrates. The amount of degradation to ground water quality is unknown.

5. The wastewater treatment plant receives industrial wastewater from Deutsch Company, a manufacturer of aircraft components. The Company no longer operates a metal plating facility in Banning, but still discharges wastewater generated from polishing aluminum parts to the wastewater treatment facility.

6. The Water Quality Control Plan for the Colorado River Basin Region of California was adopted on May 15, 1991, and designates the beneficial uses of ground and surface waters in this Region.

7. The beneficial uses of ground waters in the San Gorgonio Hydrologic Subunit are:

   a. Municipal supply (MUN)
   b. Industrial supply (IND)
   c. Agricultural supply (AGR)

SUPERSEDED BY
BOARD ORDER NO. 01-022
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8. The Board has notified the discharger and all known interested agencies and persons of its intent to update waste discharge requirements for this discharge.

9. The Board in a public meeting heard and considered all comments pertaining to this discharge.

10. In accordance with Section 15301, Chapter 3, Title 14 of the California Code of Regulations, the issuance of these waste discharge requirements, which govern the operation of an existing facility involving negligible or no expansion of use beyond that previously existing, is exempt from the provisions of the California Environmental Quality Act (Public Resources Code, Section 21000 et seq.).

11. The discharger states that there are no storm water discharges from the site. Therefore, a National Pollutant Discharge Elimination System (NPDES) permit for storm water discharges would not be necessary for this facility.

IT IS HEREBY ORDERED, that Board Order No. 87-73 is rescinded and in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, the discharger shall comply with the following:

A. Discharge Specifications

1. Wastewater discharged to or 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
20°C BOD_5	mg/L	30	45	--
Suspended Solids	mg/L	30	45	--
Settleable Matter	ml/L	0.3	0.5	--
Total Dissolved Solids	mg/L	450	500	--
Aluminum	mg/L	--	--	1.0
Iron	mg/L	--	--	0.3
Chloride	mg/L	70	80	--

3. The effluent values for pH shall not be below 6.0 or above 9.0.

4. The infiltration facilities shall be maintained and operated so as to maximize infiltration and minimize the increase of salinity.

5. A freeboard of at least two feet shall be maintained in each infiltration basin.

6. There shall be no surface flow of wastewater away from the designated disposal areas.

7. 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.

8. The discharger's wastewater treatment plant shall be supervised and operated by persons possessing certification of appropriate grade pursuant to Chapter 4, Division 4, Title 23 of the California Code of Regulations.

9. Prior to any modifications in this facility which would result in material change in the quality or quantity of wastewater treated or discharged, or any material change in the location of discharge, the discharger shall report all pertinent information in writing to the Regional Board; and obtain revised requirements before any modifications are implemented.

B. Provisions

1. Adequate protective works shall be provided to assure that a flood which is 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.

2. The discharger shall comply with the attached "Monitoring and Reporting Program 93-003", and the future revision thereto, as specified by the Regional Board's Executive Officer.

3. Facilities shall be available to keep the plant in operation in the event of commercial power failure.

4. Within 90 days of issuance of this permit, the discharger shall obtain prior written approval from the Regional Board's Executive Officer specifying location and method of disposal, before disposing of treated or untreated sludge, or similar solid waste materials. In addition, the discharger shall provide the results of any sludge analyses as specified by the Regional Board's Executive Officer.

5. The following information shall be submitted to the Regional Board's Executive Officer within 90 days of the effective date of this permit and updated as changes occur:

   a. Annual sludge production in dry tons and percent of solids.

   b. A schematic diagram showing sludge handling facilities (e.g. digesters, lagoons, drying beds, incinerators) and a solids flow diagram.

   c. A narrative description of sludge dewatering and other treatment processes, including process parameters. For example, if sludge is digested, report average temperature and retention time of the digesters. If drying beds are used, report depth of application and drying time. If composting is used, report the depth of application and drying time and the temperature achieved and duration.

6. The discharger shall maintain a permanent log of all solids hauled away from the treatment facility for use/disposal elsewhere and shall provide a monthly summary of the volume, type (screenings, grit, raw sludge, digested sludge), use (agricultural, composting, etc.), and the destination. The sludge that is stockpiled at the treatment facility shall be sampled and analyzed for the substances listed in Monitoring and Reporting Program No. 93-003.

7. Collected screenings, sludges, and other solids removed from liquid wastes shall be disposed of in a manner approved by the Regional Board's Executive Officer of the Regional Board.

8. The discharger shall at all times properly operate and maintain all facilities and systems of treatment and control including, but not limited to, sludge use and disposal facilities which are installed or used by the discharger to achieve compliance with the conditions of this permit. Proper operation and maintenance includes, but is not limited to, adequate laboratory controls and appropriate quality assurance procedures. This specification allows for the operation of backup or auxiliary facilities, or similar systems which are installed by the discharger, only when the operation is necessary to achieve compliance with the conditions of the permit.

9. The discharger shall submit a letter to the Regional Board's Executive Officer certifying that there are no storm water discharges from the property. The letter shall be submitted no later than 90 days after the adoption of this Board Order. This should include a map showing the storm water drainage of the site.

10. This Board Order does not authorize violation of any federal, state, or local laws or regulations.

C. Pretreatment

1. In the event that significant industrial wastewaters are being discharged to the wastewater treatment facility, then:

   a. The discharger shall develop, implement and maintain an industrial pretreatment program approved by the Regional Board's Executive Officer.

   b. The discharger shall maintain an adequate revenue program and enforce prohibitions against any violation of applicable pretreatment standards approved by the Regional Board's Executive Officer.

2. The discharger shall provide the Regional Board with an annual report describing the pretreatment program activities over the previous 12-month period. The report shall be transmitted to the Regional Board office no later than January 31 of each year and include:

   a. A summary of actions taken by the discharger which ensures industrial-user compliance;

b. An updated list of industrial users (by SIC categories) which were issued permits, and/or enforcement orders, and a status of compliance for each user; and

c. The name and address of each user that received a revised discharge limit.

3. The Regional Board retains the right to take legal action against an industrial user and/or the discharger where a user fails to meet the approved applicable pretreatment standards.

I, Philip A. Gruenberg, 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 January 20, 1993.

Philip A Gruenberg
Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 93-003
FOR
CITY OF BANNING
WASTEWATER TREATMENT PLANT
DISCHARGE OF WASTEWATER TO INFILTRATION BASINS
Banning - Riverside County

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

EFFLUENT MONITORING

Wastewater discharged from the facility shall be monitored at the outlet from the final clarifier where representative samples of effluent can be obtained. Wastewater discharged into the infiltration basins shall be monitored for the following constituents:

Constituent	Unit	Type of Sample	Sampling Frequency
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	Weekly
pH	pH Units	Grab	Daily[1]
Flow	MGD	Daily[2]	Reported Monthly
Total Dissolved Solids	mg/L	24-Hour Composite	Monthly
Nitrate as N	mg/L	Grab	Monthly
Total Nitrogen	mg/L	Grab	Monthly

[1]Once per weekday

[2]For each day with average monthly flow calculated

SLUDGE MONITORING

The discharger shall report quarterly on the quantity, location and method of disposal of all sludge and similar solid materials being produced at the wastewater treatment plant facility.

Sludge shall be sampled and analyzed for the following constituents:

Constituent	Unit	Type of Sample	Sampling Frequency
Arsenic	mg/kg[3]	Grab	Annually
Cadmium	mg/kg	Grab	Annually
Chromium	mg/kg	Grab	Annually
Copper	mg/kg	Grab	Annually
Lead	mg/kg	Grab	Annually
Mercury	mg/kg	Grab	Annually
Molybdenum	mg/kg	Grab	Annually
Nickel	mg/kg	Grab	Annually
Selenium	mg/kg	Grab	Annually
Zinc	mg/kg	Grab	Annually
Fecal Coliform	Most Probable Number	Grab	Annually

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).

Constituent	Unit	Type of Sample	Sampling Frequency
Iron	mg/L	Grab	Quarterly
Chloride	mg/L	Grab	Quarterly
Aluminum	mg/L	Grab	Quarterly
Nitrate as N (NO_3-N)	mg/L	Grab	Quarterly

[3]mg/kg = Milligrams per kilogram on a dry weight basis

REPORTING

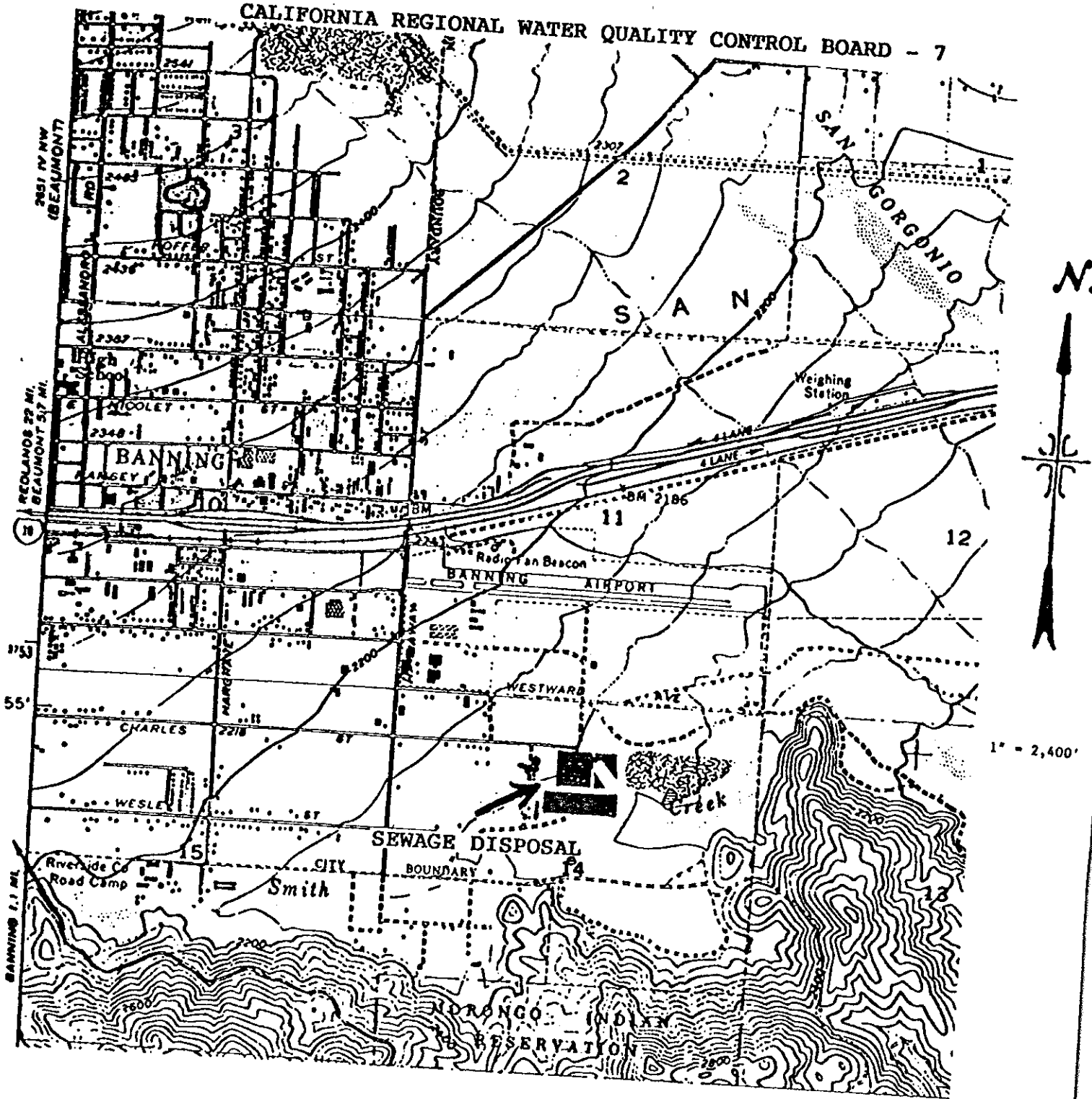
Daily and weekly monitoring shall be reported monthly. Monthly monitoring reports shall be submitted to the Regional Board by the 15th day of the following month. Quarterly monitoring reports shall be submitted to the Regional Board by January 15, April 15, July 15, and October 15 of each year. Annual reports shall be submitted by January 15 of the following year.

Submit monitoring reports to:

California Regional Water Quality Control Board
Colorado River Basin Region
73-720 Fred Waring Drive, Suite 100
Palm Desert, CA 92260

ORDERED BY: Philip A. Gruenberg
Executive Officer

January 20, 1993
Date



SITE MAP

CITY OF BANNING
WASTEWATER TREATMENT PLANT
DISCHARGE OF WASTEWATER TO INFILTRATION BASINS
Banning - Riverside County
Section 14, T3S, R1E, SBB&M
USGS Cabazon Quadrangle 7.5 min Topographic Map