

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

ORDER NO. 84-9
NPDES NO. CA0104493

**WASTE DISCHARGE REQUIREMENTS
FOR
CITY OF COACHELLA
Riverside County**

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

1. City of Coachella (hereinafter also referred to as the discharger), 1515 Sixth Street, Coachella, California 92236, submitted an updated NPDES Application for Permit to Discharge dated August 9, 1983. Said application is assigned Application No. CA0104493.
2. The discharger presently discharges a peak month average daily flow of 1.31 mgd and a peak week average daily flow of 1.47 mgd of wastewater from an activated sludge type treatment plant, which is designed for an average daily flow of 2.4 mgd. Said wastewater is discharged into Coachella Valley Stormwater Channel, 11.75 miles from Salton Sea in the NW $\frac{1}{4}$, NW $\frac{1}{4}$ of Section 15, T6S, R8E, SBB&M.
3. The discharger periodically discharges treated wastewater onto a pasture in the NE $\frac{1}{4}$ of Section 16, and in the NW $\frac{1}{4}$ of Section 15, T6S, R8E, SBB&M, which is subject to waste discharge requirements in Board Order No. 77-69.
4. The Water Quality Control Plan for the West Colorado River Basin Region was adopted on April 10, 1975. The Basin Plan contains water quality objectives for Coachella Hydrologic Subunit.
5. Beneficial uses of water of Coachella Valley Stormwater Channel, which are to be protected by this Order, are as follows:
 - a. Transport of dissolved solids to Salton Sea for agricultural soil salinity control.
 - b. Freshwater replenishment for Salton Sea.
 - c. Warm freshwater habitat for fish and wildlife.
 - d. Recreation - non-water contact.
6. 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.
7. The discharge has been subject to waste discharge requirements adopted in Order No. 79-9 (NPDES No. CA0104493) which allows discharge to Coachella Valley Stormwater Channel.

Superseded
89-004 /
6/28/89

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.
10. 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 hearing provided the Regional Administrator has no objections.

IT IS HEREBY ORDERED, the City of Coachella, 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 Coachella Valley Stormwater Channel 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	lbs/day	600	900
	mg/l	30	45
Suspended Solids	lbs/day	600	900
	mg/l	30	45
Settleable Matter	ml/l	0.3	0.5

2. The arithmetic mean of the values 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 for influent samples collected during the same 30-day period (85 percent removal).
3. The peak month average daily flow shall not exceed 2.4 mgd.
4. The effluent values for pH shall remain within the limits of 6.0 to 9.0.
5. Wastewater discharged to Coachella Valley Stormwater Channel shall have a median Most Probable Number of coliform organisms of not more than 23 per 100 milliliters 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 once per week.
 - c. Samples to be collected during peak flow periods.
6. The City of Coachella 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 the flow treated.

B. Receiving Water Limitations

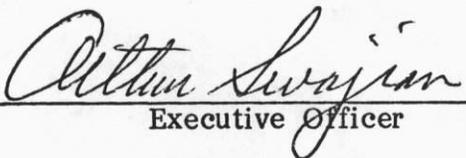
- 1. Wastewater discharged to Coachella Valley Stormwater Channel shall not:
 - a. Depress the dissolved oxygen content of said Channel below 5.0 mg/l.
 - b. Cause presence of oil, grease, scum, sludge, or solids.
 - c. Contain heavy metals or associated chemicals or pesticides in concentrations toxic to fish and other aquatic life.
- 2. This discharge shall not cause a violation of any applicable water quality standard for receiving waters adopted by the Regional Board or the State Water Resources Control Board as required by the Federal Clean Water Act and regulations adopted thereunder.

C. 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. 79-9.
- 4. This Order includes the attached "Monitoring and Reporting Program No. 84-9," and future revisions thereto, as specified by the Executive Officer.
- 5. This Order expires five (5) years from January 18, 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.
- 6. Facilities shall be available to keep the plant in operation in the event of commercial power failure.

7. 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 January 18, 1984.


Executive Officer

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

**MONITORING AND REPORTING PROGRAM NO. 84-9
FOR
CITY OF COACHELLA
Riverside County**

Location of Discharge: Coachella Valley Storm Channel, in NW $\frac{1}{4}$, NW $\frac{1}{4}$ of Section 15,T6S, R8E, SBB&M

MONITORING

WASTEWATER DISCHARGE

Wastewater discharged to Coachella Valley Stormwater Channel 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	Average Daily	Reported Monthly ¹
Discharge to Stormwater Channel	MGD	Average Daily	Reported Monthly ¹
Settleable Matter	ml/l	Grab at Peak Flow	Weekly
Suspended Solids	mg/l	8-Hr. Composite	Weekly
20°C BOD ₅	mg/l	8-Hr. Composite	Weekly
pH	pH Units	Grab at Peak Flow	Daily ²
Coliform	MPN/100 ml	Grab at Peak Flow	Weekly ³
Chlorine Residual	mg/l	Grab at Peak Flow	Daily ²

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1. For each day with average monthly flow calculated
 2. Once per weekday
 3. Sample may be taken at any point in the treatment process

INFLUENT MONITORING

The wastewater influent to the treatment facilities shall be monitored for 20°C BOD₅ and for suspended solids, bi-weekly, 8-hour composite samples.

REPORTING

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

Daily, Weekly, and Bi-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 Order No. 84-9.

Forward monitoring reports to:

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

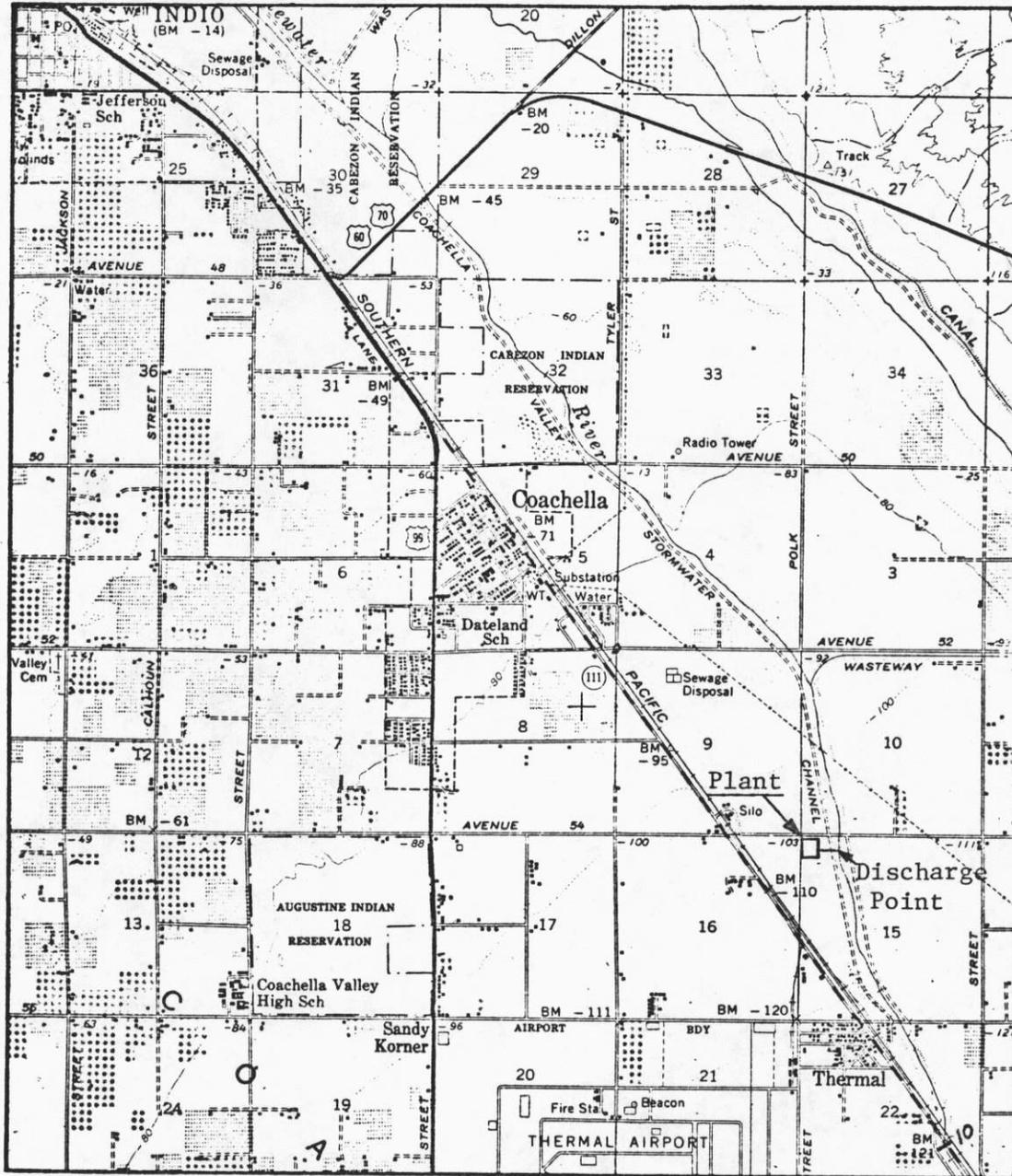
A copy of the Discharge Monitoring Report shall also be sent to:

Regional Administrator
Environmental Protection Agency
Region IX, Attn: 65/MR
215 Fremont Street
San Francisco, CA 94105

ORDERED BY:

Arthur Sevajian
Executive Officer
Jan. 26, 1984
Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD - 7



Scale:
1" = 1 mi.

SITE MAP

CITY OF COACHELLA
Coachella - Riverside County

Discharge Point: Coachella Valley Stormwater Channel, in NW 1/4, NW 1/4
of Section 15, T6S, R8E, SBB&M

USGS Coachella 15 min. Topographic Map

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