

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

**ORDER NO. 84-10  
NPDES NO. CA0104451**

**WASTE DISCHARGE REQUIREMENTS  
FOR  
NILAND SANITARY DISTRICT  
Imperial County**

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

1. Niland Sanitary District (hereinafter also referred to as the discharger), P. O. Box 40, Niland, California 92257, submitted an updated NPDES Application for Permit to Discharge dated October 16, 1983. Said application is assigned Application No. CA0104451.
2. The discharger presently discharges a peak month average daily flow of 203,000 gallons-per-day and a peak week average daily flow of 229,000 gallons-per-day of wastewater from an activated sludge type treatment plant, which is designed for an average daily flow of 300,000 gallons-per-day, into "R" Drain in the SW $\frac{1}{4}$  of Section 9, T11S, R14E, SBB&M. The wastewater then flows approximately 4 miles to Salton Sea.
3. 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 Imperial Hydrologic Unit.
4. Beneficial uses of water in "R" Drain 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.
5. 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.
6. The discharge has been subject to waste discharge requirements adopted in Order No. 79-26 (NPDES No. CA0104451) which allows discharge to "R" Drain.
7. 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.

8. The Board in a public meeting heard and considered all comments pertaining to the discharge.
9. 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, Niland Sanitary District, 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 "R" Drain 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 <sub>5</sub>	lbs/day	75	110
	mg/l	30	45
Suspended Solids	lbs/day	75	110
	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 BOD<sub>5</sub> 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 300,000 gallons-per-day.
4. The effluent values for pH shall remain within the limits of 6.0 to 9.0.

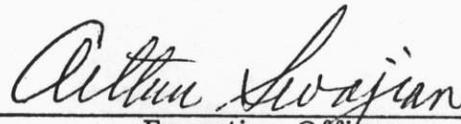
**B. Receiving Water Limitations**

1. Wastewater discharged to "R" Drain shall not:
  - a. Depress the dissolved oxygen content of said Drain 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. 79-26.
4. This Order includes the attached "Monitoring and Reporting Program No. 84-10", 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.

  
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Executive Officer

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

**MONITORING AND REPORTING PROGRAM NO. 84-10  
FOR  
NILAND SANITARY DISTRICT  
Imperial County**

Location of Discharge: "R" Drain in the SW $\frac{1}{4}$  of Section 9, T11S, R14E, SBB&M

**EFFLUENT MONITORING**

Wastewater discharged into "R" Drain shall be monitored for the following constituents. All samples shall be taken between 6 a.m. and 6 p.m. A sampling station shall be established at the point of discharge and shall be located where representative samples of the effluent can be obtained.

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
20°C BOD <sub>5</sub>	mg/l	8-Hr. Composite	Monthly
Suspended Solids	mg/l	8-Hr. Composite	Monthly
Settleable Matter	ml/l	Grab at Peak Flow	Weekly
pH	pH Units	Grab	Weekly
Flow	Gallons	Daily <sup>1</sup>	Reported Monthly

**INFLUENT MONITORING**

The wastewater influent to the treatment facilities shall be monitored for 20°C BOD<sub>5</sub> and for Suspended Solids, quarterly, 8-Hr. Composite.

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1. For each day with average monthly flow calculated

REPORTING

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

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 Highway 111, Suite 21  
Palm Desert, CA 92260

ORDERED BY:

Arthur Levajian  
Executive Officer  
Jan. 26, 1984  
Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD - 7



SITE MAP

NILAND SANITARY DISTRICT  
Imperial County  
SW $\frac{1}{4}$  of Section 9, T11S, R14E, SBB&M  
USGS Niland 7.5 min. Topographic Map

Order No. 84-10