

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

ORDER NO. 84-97  
NPDES NO. CA0104370

**WASTE DISCHARGE REQUIREMENTS  
FOR  
HEBER PUBLIC UTILITY DISTRICT  
Imperial County**

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

1. Heber Public Utility District (hereinafter also referred to as the discharger), P. O. Box H, Heber, California 92249, submitted an updated NPDES Application for Permit to Discharge, dated June 4, 1984. Said application is assigned Application No. CA0104370.
2. The discharger presently discharges a peak month average daily flow of 174,000 gallons-per-day and a peak week average daily flow of 206,000 gallons-per-day of wastewater from an oxidation ditch-activated sludge type treatment plant, which is designed for an average daily flow of 372,000 gallons-per-day. Said wastewater is discharged into Central Drain 3-D No. 1 in the NW $\frac{1}{4}$ , NE $\frac{1}{4}$  of Section 28, T16S, R14E, SBB&M. Drain waters then flow to Central Drain, the combined flow distance being 12 miles before entering Alamo River, 39 miles from Salton Sea.
3. 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 Imperial Hydrologic Unit.
4. The beneficial uses of water in Alamo River, and Imperial Valley Drains discharging thereto are:
  - 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.

*replaced  
by 90-008*

6. The discharge has been subject to waste discharge requirements adopted in Order No. 79-92 (NPDES No. CA0104370) which allows discharge to Central Drain 3-D No. 1.
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 the date of adoption provided the Regional Administrator has no objections.

IT IS HEREBY ORDERED, Heber Public Utility 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 Central Drain 3-D No. 1 shall not contain constituents in excess of the following limits:

Constituents	Unit	30-Day Arithmetic Mean Discharge Rate	7-Day Arithmetic Mean Discharge Rate
20°C BOD <sub>5</sub>	lbs/day	90	140
	mg/l	30	45
Suspended Solids	lbs/day	90	140
	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 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 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. The peak month average daily flow shall not exceed 372,000 gallons-per-day.

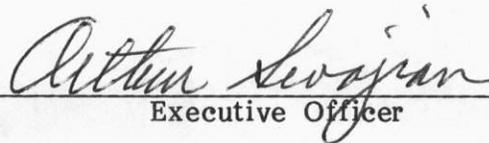
B. Receiving Water Limitations

1. Wastewater discharged to Central Drain 3-D No. 1 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 wastewater 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. 79-92.
4. This Order includes the attached "Monitoring and Reporting Program No. 84-97", and future revisions thereto, as specified by the Executive Officer.
5. This Order expires five (5) years from September 19, 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 September 19, 1984.

  
Executive Officer

1. Wastewater discharged to Central Drain 3-D No. 1 shall not:

- a. Exceed the dissolved oxygen content of said drain below 2.0 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 wastewater 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. 78-93.

4. This Order includes the attached "Monitoring and Reporting Program No. 84-97," and future revisions thereto, as specified by the Executive Officer.

5. This Order expires five (5) years from September 19, 1984 and the discharger shall file a Report of Waste Discharge in accordance with Title 23, California Administrative Code, not later than 120 days in advance of such date as an application for issuance of new waste discharge permit.

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 Swartz, 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 19, 1984.

  
Executive Officer

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

MONITORING AND REPORTING PROGRAM NO. 84-97  
FOR  
HEBER PUBLIC UTILITY DISTRICT  
Imperial County

Location of Discharge: Central Drain 3-D No. 1 in the NW $\frac{1}{4}$ , NE $\frac{1}{4}$ , Section 28, T16S, R14E, SBB&M

EFFLUENT MONITORING

Wastewater discharged into Central Drain 3-D No. 1 shall be monitored for the following constituents. All grab 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	24-Hour Composite	Monthly
Suspended Solids	mg/l	24-Hour Composite	Monthly
Settleable Matter	ml/l	Grab at Peak Flow	Weekly
pH	pH Units	Grab	Weekly
Dissolved Oxygen	mg/l	Grab	Monthly
Flow	Gallons	Daily	Reported Monthly <sup>1</sup>

INFLUENT MONITORING

The wastewater influent to the treatment facilities shall be monitored for 20°C BOD<sub>5</sub> and for Suspended Solids, quarterly, 24-hour composite sample.

1. For each day with average monthly flow calculated.

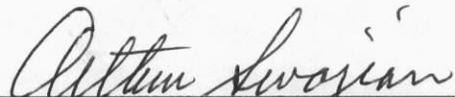
REPORTING

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.

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:

  
Executive Officer

September 19, 1984

Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD - 7



Scale:  
1" = 2000'

SITE MAP  
 HEBER PUBLIC UTILITY DISTRICT  
 Imperial County  
 NW $\frac{1}{4}$ , NE $\frac{1}{4}$  of Section 28, T16S, R14E, SBB&M  
 USGS Heber 7.5 min. Topographic Map