

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
COLORADO RIVER BASIN REGION

ORDER NO. 79-46  
NPDES NO. CA0104400  
WASTE DISCHARGE REQUIREMENTS  
FOR  
CITY OF IMPERIAL  
Imperial County

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

1. City of Imperial (hereinafter also referred to as the discharger), 420 South Imperial Avenue, Imperial, CA 92251, submitted an updated NPDES Application for Permit to Discharge dated February 13, 1979. Said application is assigned Application No. CA0104400.
2. The discharger presently discharges a peak month average daily flow of 490,000 gallons-per-day and a peak week average daily flow of 540,000 gallons-per-day of wastewater from an activated sludge type treatment plant, which is designed for an average daily flow of 700,000 gallons-per-day. Said wastewater is discharged into Dolson Drain in the SE 1/4 of Section 7, T15S, R14E, SBB&M. The wastewater flows from said drain to Lilac Drain to Rose Drain for 11 miles and enters Alamo River 29 miles from Salton Sea.
3. The Water Quality Control Plan for the West Colorado River Basin was adopted by the Regional Board on April 10, 1975. This Order implements the objectives stated in said Plan.
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. Freshwater habitat for fish and wildlife.
  - d. Recreation - nonwater contact.
5. The issuance of waste discharge requirements for this discharge is exempt from the provisions of Chapter 3 (commencing with Section 21000) of Division 13 of the Public Resources Code in accordance with Water Code Section 13389.

*Superseded  
by 84-18  
5/16/84*

6. The discharge has been subject to waste discharge requirements adopted in Order No. 74-30 (Revised) (NPDES No. CA0104400) which allows discharge to Dolson Drain.
7. The discharge has been subject to Cease and Desist Order No. 75-2, dated September 11, 1975, and Addendum No. 1 thereto, dated May 18, 1977.
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 Water Pollution Control 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, City of Imperial, 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 Water Pollution Control Act and regulations and guidelines adopted thereunder, shall comply with the following:

A. Effluent Limitations

1. Representative samples of wastewater discharged to Dolson Drain shall not contain constituents in excess of the following limits:

<u>Constituent</u>	<u>Unit</u>	<u>30-Day Arithmetic Mean Discharge Rate</u>	<u>7-Day Arithmetic Mean Discharge Rate</u>
Total Dissolved Solids	lbs/day mg/l	14,600 2,500	16,350 2,800
20°C BOD <sub>5</sub>	lbs/day mg/l	117 20	175 30
Suspended Solids	lbs/day mg/l	117 20	175 30
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% removal).
3. The effluent values for pH shall remain within the limits of 6.0 to 9.0.

B. Receiving Water Limitations

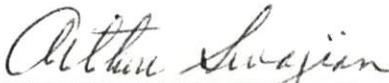
1. Wastewater discharged to Dolson Drain shall not:
  - a. Depress the dissolved oxygen content of said Drain below 5.0 mg/l.
  - b. Cause presence of oil, grease, scum, sludge, or solids.
  - c. Contain heavy metals or associated chemicals or pesticides in concentrations toxic to fish and other aquatic 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 Water Pollution Control 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. 74-30 (Revised).
4. This Order includes the attached "Standard Provisions and Reporting Requirements".
5. This Order includes the attached "Monitoring and Reporting Program No. 79-46, and future revisions thereto, as specified by the Executive Officer.

6. This Order expires five (5) years from May 9, 1979, 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.
7. Facilities shall be available to keep the plant in operation in the event of commercial power failure.
8. 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 May 9, 1979.

  
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Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 79-46  
FOR  
CITY OF IMPERIAL  
Imperial County

Location of Discharge: Dolson Drain in the SE 1/4 of Section 7,  
T15S, R14E, SBB&M.

EFFLUENT MONITORING

Wastewater discharged into Dolson 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>
Total Dissolved Solids	mg/l	24-Hr. Composite	Quarterly
20°C BOD <sub>5</sub>	mg/l	24-Hr. Composite	Monthly
Susp. Solids	mg/l	24-Hr. Composite	Monthly
Settleable Matter	ml/l	Grab at Peak Flow	Daily*
pH	pH Units	Grab	Daily*
Dissolved Oxygen	mg/l	Grab	Monthly
Flow	Gls/day	Flow Measurement	Rptd. 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, 24-Hr. composite sample.

\* Once per weekday

\*\*For each day with average monthly flow calculated.

REPORTING

Monthly and daily 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:

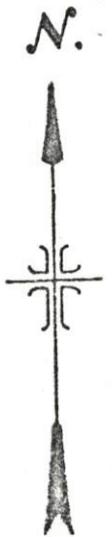
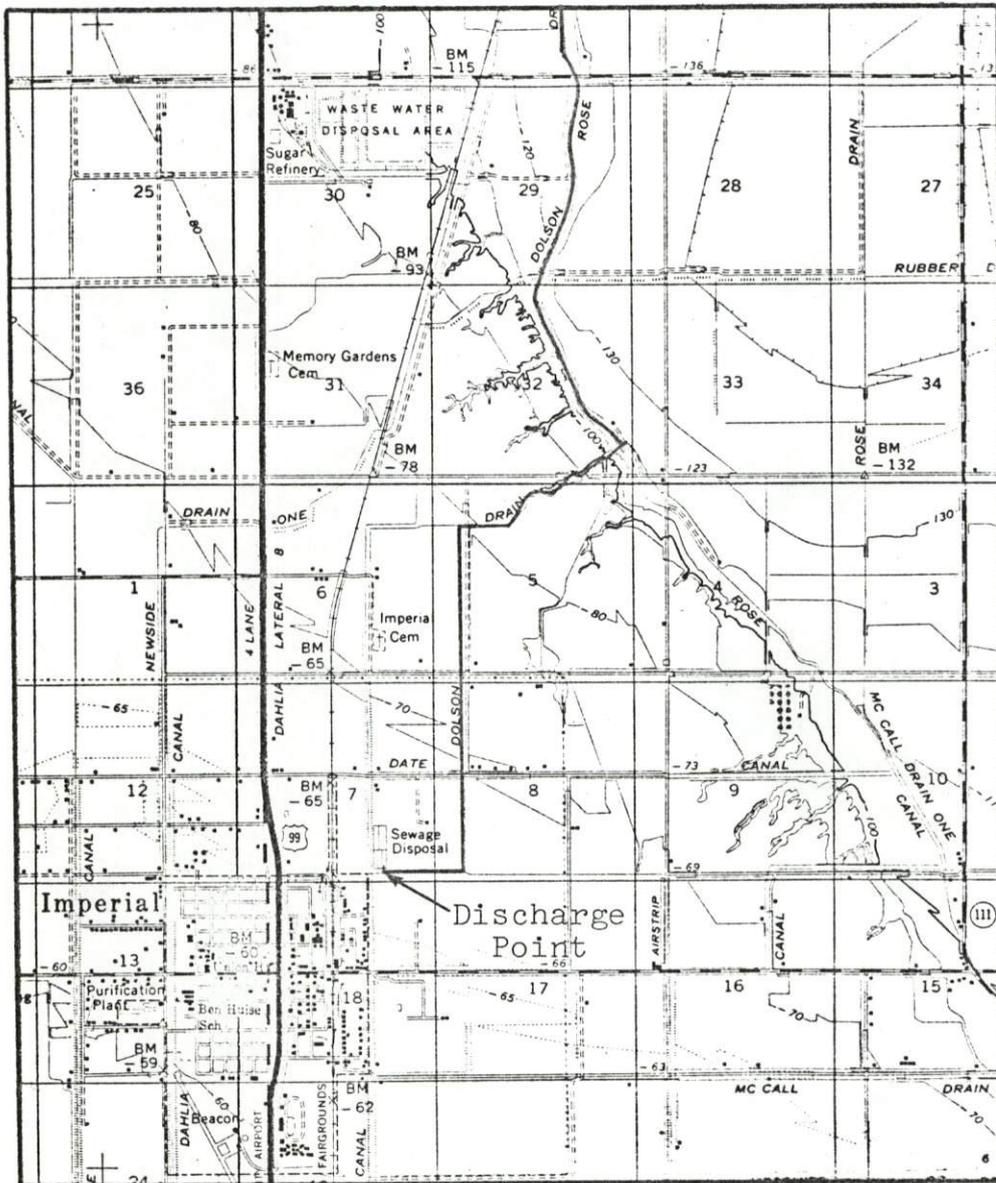
California Regional Water Quality Control Board  
Colorado River Basin Region  
73-271 Highway 111, Suite 21  
Palm Desert, California 92260

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 *Clethia Swojan*  
Executive Officer

May 9, 1979  
Date



Scale:  
1"=1 mi.

SITE MAP

CITY OF IMPERIAL  
Imperial County

SE 1/4 of Section 7, T15S, R14E, SBB&M  
U.S.G.S. Brawley 15 min. Topographic Map