

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

ORDER NO. 85-17
NPDES NO. CA0104523

**WASTE DISCHARGE REQUIREMENTS
FOR
CITY OF BRAWLEY
Imperial County**

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

1. City of Brawley (hereinafter also referred to as the discharger), 400 Main Street, Brawley, California, 92227, submitted an updated NPDES Application for Permit to Discharge, dated December 19, 1983. Said application is assigned Application No. CA0104523.
2. By letter, dated November 28, 1984, the discharger requested that these discharge effluent limitations be updated in accordance with EPA secondary treatment regulations 40 CFR Parts 122 and 133, dated September 20, 1984, (treatment equivalent to secondary treatment).
3. The discharger presently discharges a peak month average daily flow of 3.15 million gallons-per-day and a peak week average daily flow of 3.19 million gallons-per-day of wastewater from a primary plus waste stabilization pond type treatment plant, which is reported to have a design capacity of 3.15 million gallons-per-day, into New River in the SW $\frac{1}{4}$ of the SW $\frac{1}{4}$ of Section 15, T13S, R14E, SBB&M, 18.5 miles upstream from Salton Sea.
4. The Water Quality Control Plan for the Colorado River Basin Region of California was adopted by the Regional Board on November 14, 1984. The Basin Plan contains water quality objectives for Imperial Hydrologic Unit.
5. The beneficial uses of water in the New 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.
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. 84-33 (NPDES No. CA0104523) which allows discharge to New River.

*Replaced
by 90-027*

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

ORDER NO. 84-14
WPDES NO. CA0104523

WASTE DISCHARGE REQUIREMENTS
FOR
CITY OF BRAWLEY
Imperial County

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

1. City of Brawley (hereinafter also referred to as the discharger), 400 Main Street, Brawley, California, 92317, submitted an updated NPDES Application for Permit to Discharge, dated December 19, 1983. Said application is assigned Application No. CA0104523.

2. By letter, dated November 28, 1984, the discharger requested that those discharge effluent limitations be updated in accordance with EPA secondary treatment regulations 40 CFR Parts 132 and 133, dated September 20, 1984, (treatment equivalent to secondary treatment).

3. The discharger presently discharges a peak month average daily flow of 3.15 million gallons-per-day and a peak week average daily flow of 3.19 million gallons-per-day of wastewater from a primary plus waste stabilization pond type treatment plant, which is reported to have a design capacity of 3.15 million gallons-per-day, into New River in the SW 1/4 of section 15, T12S, R14E, S883W, 18.5 miles upstream from Salton Sea.

4. The Water Quality Control Plan for the Colorado River Basin Region of California was adopted by the Regional Board on November 14, 1984. The Basin Plan contains water quality objectives for Imperial Hydrologic Unit.

5. The beneficial uses of water in the New 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.

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 13388.

7. The discharge has been subject to waste discharge requirements adopted in Order No. 84-33 (WPDES No. CA0104523) which allows discharge to New River.

8. The discharger is also presently discharging under interim waste discharge requirements contained in Cease and Desist Order No. 84-58, dated June 20, 1984.
9. The discharge does not meet the effluent limitations set forth in Paragraph 133.102, 40 CFR Part 133. The discharge does meet the effluent limitations for waste stabilization ponds as set forth in Paragraph 133.104, with alternative State suspended solids limitation as set forth in State Water Resources Control Board's Clean Water Grant Bulletin No. 59,A, dated January 23, 1979 (treatment equivalent to secondary treatment).
10. 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.
11. The Board in a public meeting heard and considered all comments pertaining to the discharge.
12. 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 10 days from date of adoption provided the Regional Administrator has no objections.

IT IS HEREBY ORDERED, City of Brawley, 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 New River 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 mg/l	1,182 45	1,708 65
Suspended Solids	lbs/day mg/l	2,500 95	- -
Settleable Matter	ml/l	0.3	0.5

2. The arithmetic mean of the values by weight for effluent samples collected for 20°C BOD₅ in any 30-day period shall not be greater than 35 percent of the arithmetic mean of the values by weight for influent samples collected during the same 30-day period (65 percent 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 New River shall not:
 - a. Depress the dissolved oxygen content of said river 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. 84-33.
4. This Order includes the attached "Monitoring and Reporting Program No. 85-17", and future revisions thereto, as specified by the Executive Officer.
5. This Order expires five (5) years from January 23, 1985. 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 23, 1985.

Arthur Swajian

Executive Officer

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

MONITORING AND REPORTING PROGRAM NO. 85-17
FOR
CITY OF BRAWLEY
Imperial County

Location of Discharge: SW $\frac{1}{4}$ of the SW $\frac{1}{4}$ of Section 15, T13S, R14E, SBB&M

EFFLUENT MONITORING

Wastewater discharged to New River 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>
20°C BOD ₅	mg/l	24-Hour Composite	Weekly
Suspended Solids	mg/l	24-Hour Composite	Weekly
Settleable Matter	ml/l	Grab at Peak Flow	Weekly
pH	pH Units	Grab	Daily ¹
Flow	MGD	Daily	Reported ² Monthly

INFLUENT MONITORING

Wastewater entering the treatment facilities shall be monitored for the following constituents:

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
20°C BOD ₅	mg/l	24-Hour Composite	Bi-Weekly
Suspended Solids	mg/l	24-Hour Composite	Bi-Weekly

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1. Once per weekday.
 2. For each day with average monthly flow calculated.

REPORTING

Monthly, bi-weekly, weekly and daily monitoring reports shall be submitted monthly to the Regional Board by the 15th day of the following month.

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 9, Attn: W-3
215 Fremont Street
San Francisco, CA 94105

ORDERED BY:


Executive Officer

January 23, 1985

Date

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SITE MAP

CITY OF BRAWLEY

Imperial County

Discharge Location: SW $\frac{1}{4}$, SW $\frac{1}{4}$ of Section 15, T13S, R14E, SBB&M
USGS Brawley & Calipatria 15 min. Topographic Maps

Order No. 85-17

