

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

ORDER NO. 85-76
NPDES NO. CA0104906

**WASTE DISCHARGE REQUIREMENTS
FOR
U.S. NAVAL AIR FACILITY
West of El Centro - Imperial County**

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

1. U.S. Naval Air Facility (hereinafter also referred to as the discharger), El Centro, California 92243, submitted an updated NPDES Application for Permit to Discharge, dated May 15, 1985. Said application is assigned Application No. CA0104906.
2. The discharger is presently discharging a peak month average daily flow of 163,000 gallons-per-day and a peak week average daily flow of 260,000 gallons-per-day of domestic sewage into a treatment facility with a design flow of 400,000 gallons-per-day. The wastewater is treated in an oxidation ditch and discharged into New River in the SE $\frac{1}{4}$ of Section 24, T15S, R12E, SBB&M, which is about 30 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 November 14, 1984. The Basin Plan contains water quality objectives for the Imperial Hydrologic Unit.
4. The beneficial uses of the water in the New River are:
 - a. Freshwater replenishment for Salton Sea.
 - b. Warm freshwater habitat for fish and wildlife.
 - c. 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 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. 80-83 (NPDES No. CA0104906), which allows discharge to New River.

7. The Board has notified the discharger and interested agencies and persons of its intent to update requirements for the existing discharge and has

*Superseded
09-19-90
by 90-052*

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, U.S. Naval Air Facility, in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, 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	Daily Maximum
Total Dissolved Solids	lbs/day mg/l	10,000 3000	10,700 3200	- -
20°C BOD ₅	lbs/day mg/l	100 30	150 45	- -
Suspended Solids	lbs/day mg/l	100 30	150 45	- -
Settleable Matter	ml/l	0.3	0.5	-
Silver	lbs/day mg/l	0.033 0.01	- -	0.033 0.01
Total Cyanide	lbs/day mg/l	0.067 0.02	- -	0.067 0.02

2. The arithmetic mean of the values by weight for effluent samples collected for 20°C BOD 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).

2-3

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 85-76
FOR
U.S. NAVAL AIR FACILITY
West of El Centro - Imperial County

Location of Discharge: New River in the SE $\frac{1}{4}$ of Section 24, T15S, R12E, SBB&M

EFFLUENT MONITORING

Wastewater discharged into New River 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 into said river, and shall be located where representative samples of the effluent can be obtained.

Constituent	Unit	Type of Sample	Sampling Frequency
Total Dissolved Solids	mg/l	24-Hr. Composite	Quarterly
20°C BOD ₅	mg/l	24-Hr. Composite	Monthly
Suspended Solids	mg/l	24-Hr. Composite	Monthly
Settleable Matter	ml/l	Grab at Peak Flow	Monthly
pH	pH Units	Grab	Monthly
Dissolved Oxygen	mg/l	Grab	Monthly
Flow	Gallons/day	Flow Measurement	Reported Monthly*
Silver	mg/l	Grab	Monthly
Total Cyanide	mg/l	Grab	Monthly

*For each day with average monthly flow calculated

3. The effluent values for pH shall remain within the limits of 6.0 and 9.0.

B. Receiving Water Limitations

1. Wastewater discharged to New River shall not cause the presence of oil, grease, scum, sludge, or solids.
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.

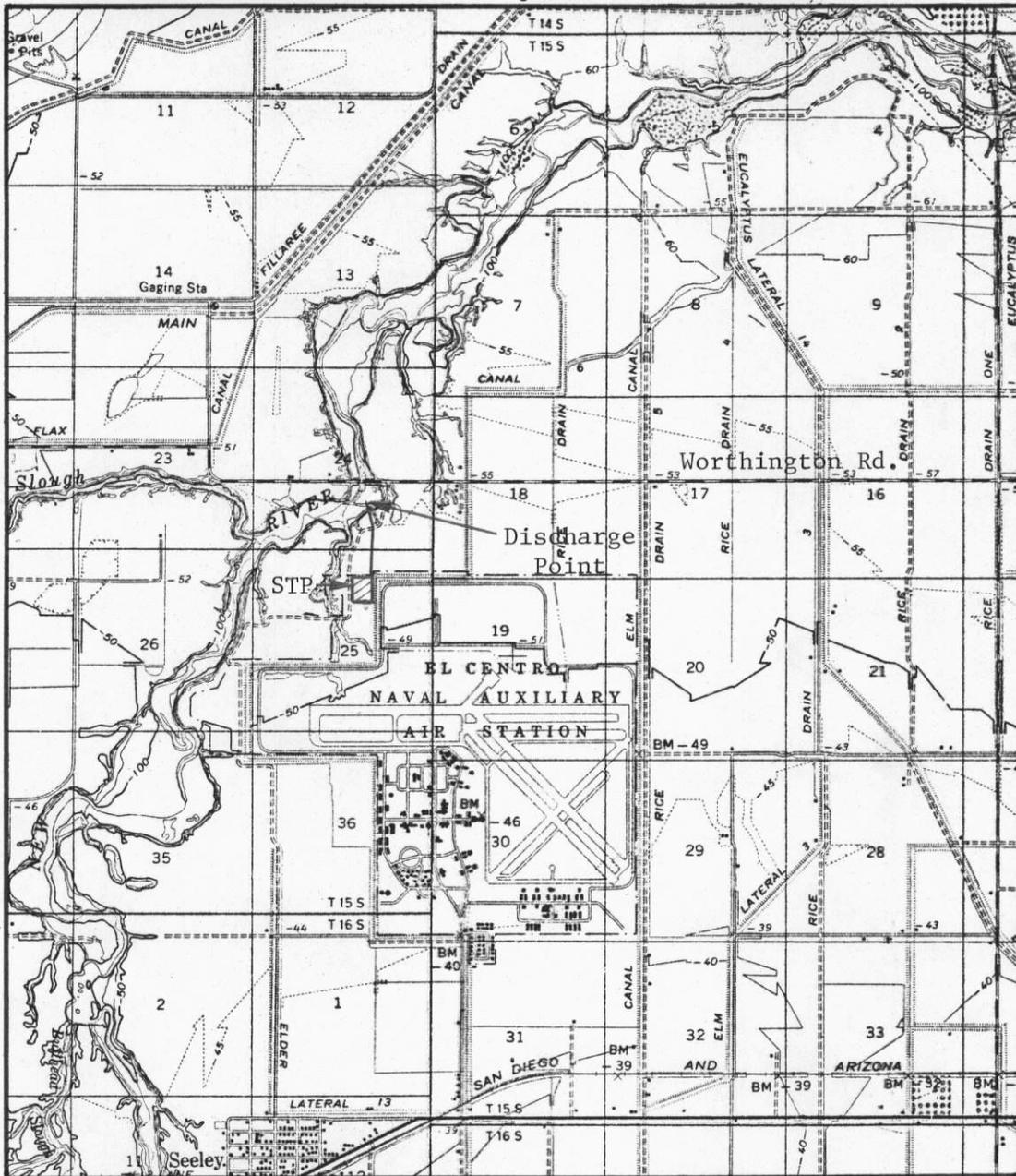
C. Provisions

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. 80-83.
4. This Order includes the attached "Monitoring and Reporting Program No. 85-76, and future revisions thereto, as specified by the Executive Officer.
5. This Order expires five (5) years from October 2, 1985, and the discharger shall file a Report of Waste Discharge in accordance with Chapter 1, Subchapter 9, Section 2235.1, 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 October 2, 1985.


Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD -7



Scale:
1"=1 mi.

SITE MAP

U.S. NAVAL AIR FACILITY
 West of El Centro - Imperial County
 Discharge Location: New River in the
 SE $\frac{1}{4}$ of Section 24, T15S, R12E, SBB&M
 USGS Brawley 15 min. Topographic Map

Order No. 85-76