

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

ORDER NO. 86-7

**WASTE DISCHARGE REQUIREMENTS
FOR
IMPERIAL IRRIGATION DISTRICT - EL CENTRO STEAM PLANT
El Centro - Imperial County**

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

1. Imperial Irrigation District (hereinafter also referred to as the discharger), 333 East Main Street, Imperial, California, 92251, verified, via the plant manager, that the information in Finding No. 2 (below) is accurate.
2. The discharger is discharging a maximum of 780,000 gallons-per-year of boiler and air-preheater fireside washwater into an earthen evaporation basin. The discharger reports that the wastewater contains the following additives: sodium hydroxide, sodium nitrate, sulphite, surfactant (a non-ionic agricultural spray adjuvant), aluminum, calcium, chromium, copper, iron, lead, magnesium, strontium and zinc. The wastewater is discharged periodically from November to April. The basin is located in the NE $\frac{1}{4}$ of the SE $\frac{1}{4}$ of Section 32, T15S, R14E, SBB&M.
3. Some of the chemicals designated in Finding No. 2 (above) are classified as toxic substances in accordance with Section 66699 of Chapter 30, Title 22, Division 4 of the California Administrative Code. The concentrations of these hazardous chemicals as shown from analysis of the wastewater are far below toxic levels given in said Section.
4. The discharger is also discharging wastewater into Central Drain No. 5, which is governed by waste discharge requirements contained in Order No. 83-88 (NPDES No. CA0104248).
5. This steam power plant has been in existence for more than twelve years, and the discharge into the basin has been subject to waste discharge requirements adopted in Board Order No. 77-68. The discharge site has been subject to all applicable zoning and licensing laws and regulations. The discharger is making no change in his present operations and does not propose any change.
6. 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.

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Rescinded
by Board
Order No. 92-025*

7. Deep ground waters in the area are saline and are used for geothermal power production, while shallow ground waters are brackish and are not beneficially used. The total dissolved solids range from 6,000 mg/l to shallow depths to 70,000 mg/l at depths 20 to 25 feet.
8. The Board has notified the discharger and interested agencies and persons of its intent to update waste discharge requirements for the discharge.
9. The Board in a public meeting heard and considered all comments pertaining to the discharge.
10. These waste discharge requirements govern an existing facility, which the discharger is currently operating, and therefore is exempt from the provisions of the California Environmental Quality Act in accordance with Section 15301 of Title 14, Chapter 3 of the California Administrative Code.

IT IS HEREBY ORDERED, the discharger shall comply with the following:

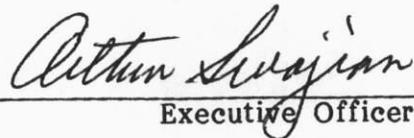
A. Discharge Specifications

1. Neither the treatment nor the discharge of wastewater shall create a pollution or a nuisance as defined in Division 7 of the California Water Code.
2. There shall be no surface flow of wastewater away from the discharge facilities.
3. No wastewater other than that described in Finding No. 2 (above) shall be discharged at this location.
4. A minimum freeboard depth of 18 inches shall be maintained in the basin.
5. Adequate measures shall be taken to assure that flood or surface drainage waters do not erode or otherwise render portions of the discharge facilities inoperable.
6. There shall be no discharge of wastes from the evaporation basin to any surface waters and/or open drainage channels.
7. The discharger shall remove and relocate any wastes which are discharged contrary to the requirements contained in this Order.
8. In the event that use of the evaporation basin is discontinued, any accumulated salts shall be removed and discharged at a site approved by the Regional Board to receive such wastes.

B. Provisions

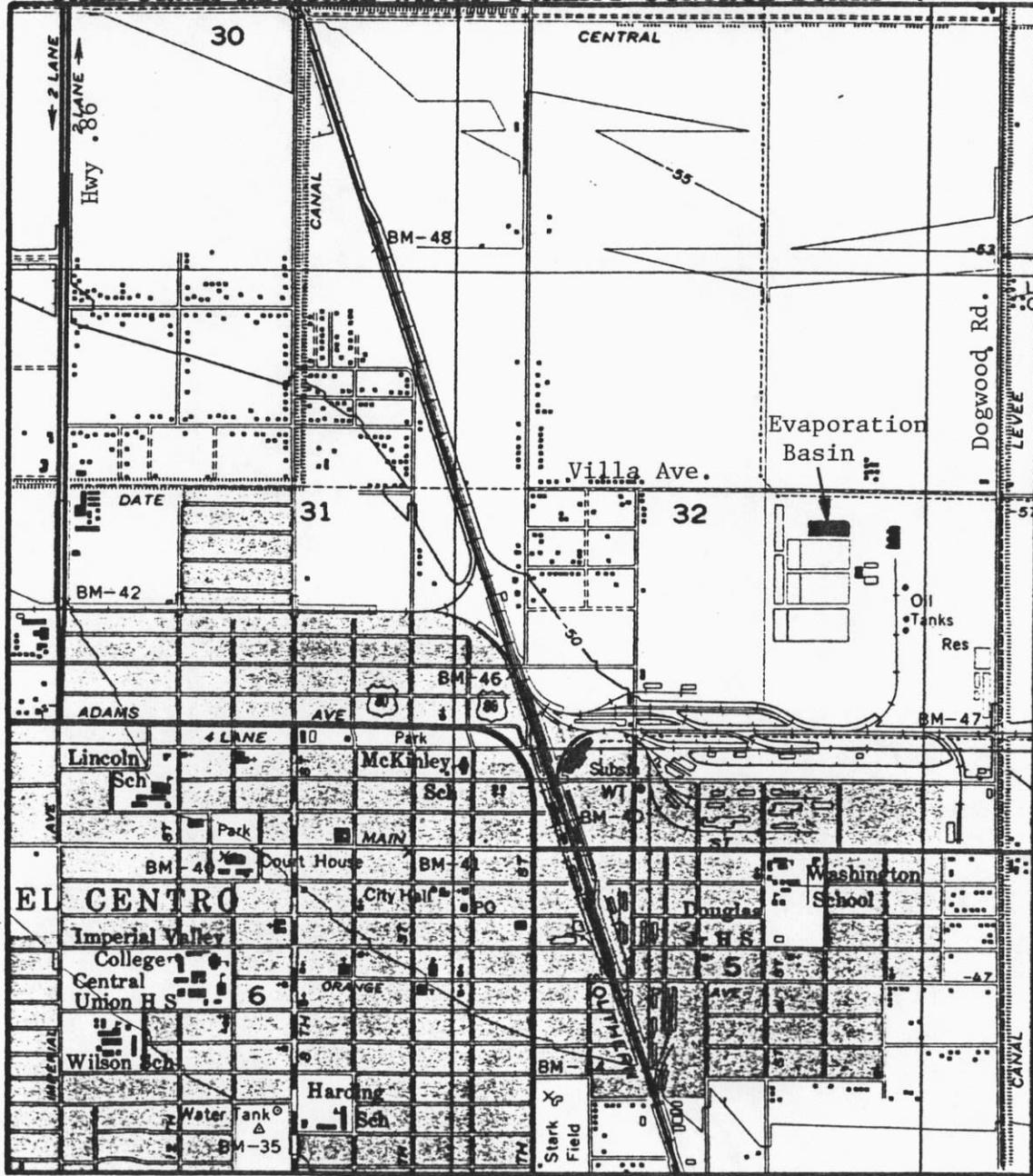
1. Prior to any modifications in this facility which could result in material change in the quality or quantity of wastewater discharged, or any material change in location of discharge, the discharger shall report in writing to the Regional Board.
2. Upon request from this Board's Executive Officer, the discharger shall furnish technical and/or monitoring reports on the treatment and discharge of waste.
3. In the event of any change in control or ownership of land or waste disposal facilities owned or controlled by the discharger, the discharger shall:
 - a. Notify the Board of such change; and
 - b. Transmit a copy of this Order to the succeeding owner or operator, and file a copy of the transmittal letter with this Board.
4. This Order supersedes Board Order No. 77-68.

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 22, 1986.



Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD -7



SITE MAP

IID EL CENTRO STEAM PLANT
 El Centro - Imperial County
 Portion of NE $\frac{1}{4}$, SE $\frac{1}{4}$ of Section 32, T15S, R14E, SBB&M
 USGS El Centro 7.5 min. Topographic Map