

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 76-9(Revised)
FOR
CITY OF CALIPATRIA - AGRICULTURAL IRRIGATION
Northwest of Calipatria - Imperial County

Location of Discharge: SE 1/4 of Section 1 and NE 1/4 of
Section 12, T12S, R13E, and
SE 1/4 of Section 6, T12S, R14E, SBB&M

EFFLUENT MONITORING

Representative samples of wastewater shall be taken of oxidation pond effluent, prior to dilution with supplemental Imperial Irrigation District water. Said samples shall be monitored for the following:

| <u>Constituent</u> | <u>Unit</u> | <u>Type of Sample</u> | <u>Sampling Frequency</u> |
|------------------------|-------------|-----------------------|---------------------------|
| Settleable Solids | ml/l | Grab | Daily, reported monthly |
| Total Dissolved Solids | mg/l | 2-Hr.Composite | Quarterly |

INFLUENT MONITORING

The influent flow shall be measured daily (gallons-per-day) and reported to the Regional Board monthly.

REPORTING

Monitoring reports shall be submitted to the Regional Board as follows:

Quarterly Reports - January 15, April 15, July 15 and October 15 of each year.

Monthly Reports - 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, CA 92260

ORDERED BY

Arthur Serajian
Executive Officer

8/23/78
Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

ORDER NO. 76-9

WASTE DISCHARGE REQUIREMENTS
FOR
CITY OF CALIPATRIA - AGRICULTURAL IRRIGATION
Northwest of Calipatria - Imperial County

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

1. The City of Calipatria (hereinafter also referred to as the discharger), 101 North Lake Street, Calipatria, CA 92233, submitted a Report of Waste Discharge dated October 30, 1975.
2. The discharger proposes to discharge a present average daily flow of 0.32 mgd and a design average daily flow of 0.4 mgd of sewage wastewater, plus supplemental irrigation water, to land located in the SE $\frac{1}{4}$ of Section 1 and the NE $\frac{1}{4}$ of Section 12, T12S, R13E, and the SE $\frac{1}{4}$ of Section 6, T12S, R14E, SBB&M. Said wastewater will be used for irrigation of fiber, fodder, and seed crops, and for food crops which must undergo extensive commercial, physical or chemical processing sufficient to destroy pathogenic agents before becoming suitable for human consumption.
3. Wastewater will be treated in two oxidation ponds providing, at a minimum, a primary level of treatment. The wastewater will then be pumped to irrigation storage ponds where sufficient Imperial Irrigation District water will be added to meet the immediate irrigation needs. As required, water will be pumped from the irrigation storage ponds to the existing field irrigation water distribution laterals from which the water flows onto the fields. All tailwaters will be collected and channeled to concrete sumps from which the tailwaters will be pumped back to the oxidation ponds. The oxidation ponds and irrigation storage ponds will provide 65 days of retention capacity to allow for the extended periods during crop rotation when irrigation is not possible.
4. The Water Quality Control Plan for the West Colorado River Basin was adopted by the Board on April 10, 1975. This Order implements the objectives stated in the Plan.

*Superseded
by 84-8'*

5. Beneficial uses to be protected by this Order are as follows:
 - a. Groundwater
 1. Ground waters are saline and are not beneficially used.

 - b. Alamo River and Imperial Valley Drains
 1. Limited public fishing activity.
 2. Transport of dissolved solids to Salton Sea for agricultural soil salinity control.
 3. Freshwater habitat for fish and wildlife.
 4. Freshwater replenishment for Salton Sea.
6. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the proposed discharge.
7. The Board in a public meeting heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, the City of Calipatria shall comply with the following:

A. Discharge Specifications

1. Neither the treatment nor the discharge of wastes shall cause a pollution or a nuisance.
2. The direct discharge of wastewater and/or irrigation tailwaters to the Alamo River, irrigation canals, agricultural drainage ditches, to other surface waters, or to subsurface agricultural drain tile is prohibited.
3. Representative samples of oxidation pond effluent shall not contain a settleable solids concentration in excess of 0.5 ml/l prior to dilution with Imperial Irrigation District water.

4. In accordance with the discharger's reported request: reclaimed wastewater shall be used only for irrigation of fiber, fodder and seed crops, and for irrigation of those food crops only, which may be considered by the State Department of Health on an individual case basis as needing to undergo extensive commercial, physical or chemical processing sufficient to destroy pathogenic agents before becoming suitable for human consumption.
5. The average daily flow of influent shall not exceed 0.4 mgd.
6. A freeboard depth of at least two (2) feet shall be maintained at all times in all wastewater retention facilities.
7. Facilities shall be available to keep the plant in operation in the event of commercial power failure.

B. Provisions

1. 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 inoperable portions of the treatment and wastewater storage facilities.
2. Prior to the first usage of reclaimed wastewater for crop irrigation, the discharger shall submit to the Regional Board a certificate signed by a California Registered Civil Engineer stating that the water reclamation facilities are constructed to meet the requirements contained in this Order.
3. Adequate measures shall be taken to assure that unauthorized persons are effectively excluded from the treatment facilities.
4. Prior to any modifications in this facility which could result in material change in the quality or quantity of wastewater discharged, any material change in the location of the discharge, or the crop being irrigated with reclaimed wastewater, the discharger shall report thereon to this Board.
5. The discharger shall comply with "Monitoring and Reporting Program No. 76-9" and "General Provisions for Monitoring and Reporting", and future revisions thereto, as specified by the Executive Officer.
6. At least 30 days prior to the anticipated initial planting of a food crop, the discharger shall submit a list of food crop(s) which it plans to plant; and, via the Regional Board, shall obtain State Department of Health clearance for each individual type of food crop in advance of said initial planting. Thereafter, any additions to the list of allowable food crop initial planting(s) shall be made in accordance with the procedure outlined in this provision.

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 29, 1976.

Arthur Swajian

Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

*Superseded
8-23-78*

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| Total Dissolved Solids | mg/l | 2-Hr.Composite | Quarterly |
| 5-Day 20°C BOD | mg/l | 2-Hr.Composite | Quarterly |

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California Regional Water Quality Control Board
Colorado River Basin Region
P.O. Drawer I
Indio, CA 92201

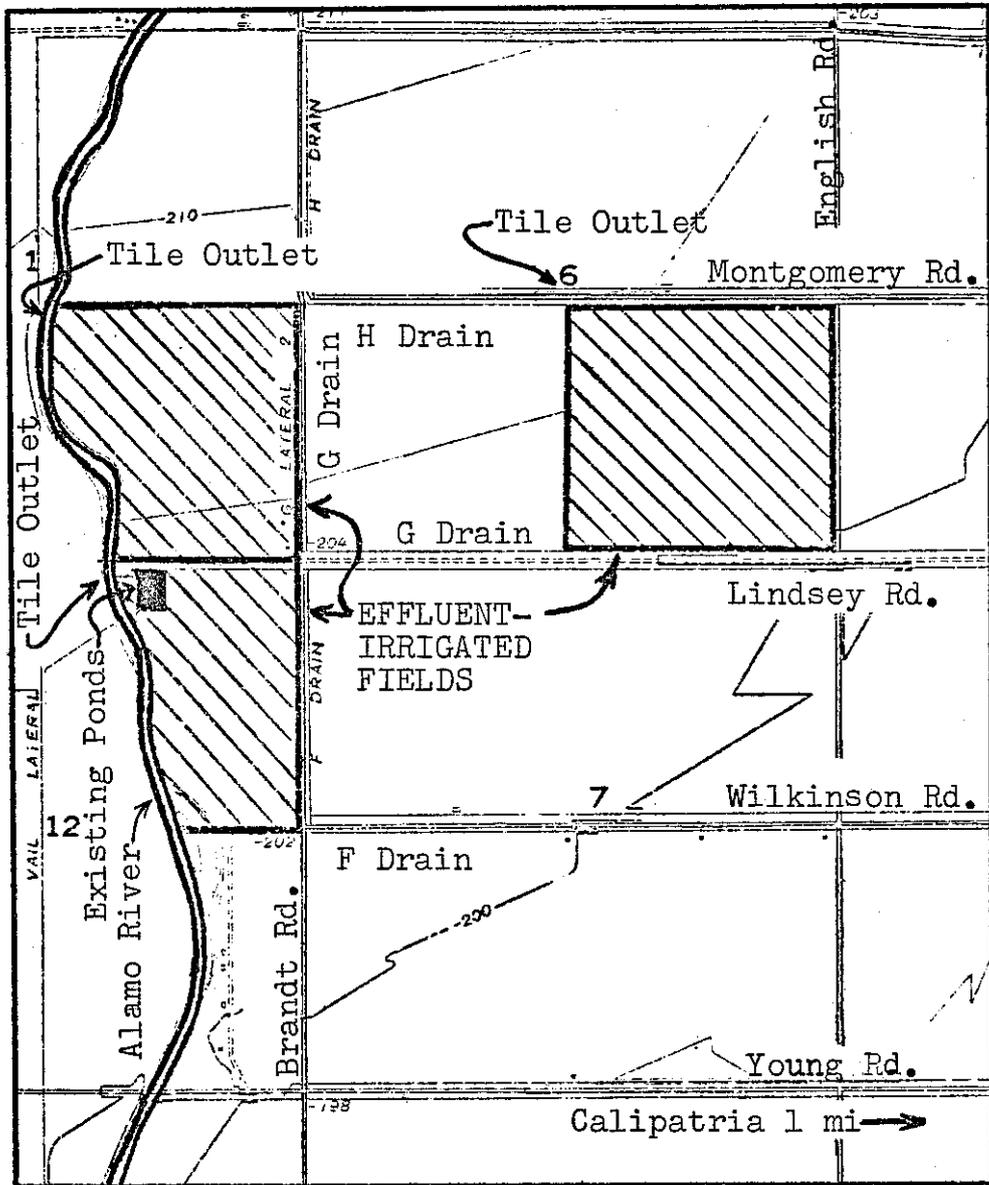
ORDERED BY

Arthur Sevajian

Executive Officer

January 29, 1976

Date



SITE MAP

CITY OF CALIPATRIA - AGRICULTURE IRRIGATION
 Northeast of Calipatria - Imperial County
 SE $\frac{1}{4}$ of Section 1 and NE $\frac{1}{4}$ of Section 12, T12S,
 R13E, and SE $\frac{1}{4}$ of Section 6, T12S, R14E, SBB&M
 Niland 7.5' Topographic Map