

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

ORDER NO. 91-010

WASTE DISCHARGE REQUIREMENTS
FOR
CITY OF CALIPATRIA
AGRICULTURAL IRRIGATION
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), P.O. Box 167, Calipatria, California, 92233, verified that the following updated information is accurate.
2. The discharger is currently discharging a present average daily flow of 0.35 mgd of wastewater. This wastewater is used to irrigate land located in the SE $\frac{1}{4}$ of Section 6, T12S, R14E, SBB&M. The land is currently uncultivated. City personnel report that the farmer who leases the land plans to plant sugar beets in the winter. Said wastewater can 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. Imperial Irrigation District water may be added to the wastewater by the farmer to meet his irrigation needs. All tailwaters will be collected and channeled to concrete sumps from which the tailwaters will be pumped back to the oxidation basins.
3. This discharge has been subject to waste discharge requirements adopted in Board Order No. 84-008.
4. The wastewater is treated in two oxidation basins followed by two stabilization basins with a design flow of 1 mgd which provides secondary treatment to the wastewater. The wastewater can then be discharged to G Drain or used for irrigation.
5. The Water Quality Control Plan for the Colorado River Basin Region of California designates the beneficial uses of ground and surface waters in this Region.
6. The beneficial uses of ground waters in portions of the Imperial Hydrologic Unit are:
 - a. Municipal supply (MUN)
 - b. Industrial supply (IND)

Within the Imperial Valley area of the Imperial Hydrologic Unit, much of the ground water is too saline for municipal use. The existing municipal use in this area is practically inconsequential.

*Rescinded on 9/16/99
by Order No. 99-045*

7. The Board has notified the discharger and all known interested agencies and persons of its intent to update waste discharge requirements for this discharge.
8. The Board in a public meeting heard and considered all comments pertaining to this discharge.
9. In accordance with Section 15301, Chapter 3, Title 14, of the California Code of Regulations, the issuance of these waste discharge requirements, which govern the operation of an existing facility involving negligible or no expansion of use beyond that previously existing, is exempt from the provisions of the California Environmental Quality Act (Public Resources Code, Section 21000 et seq.).

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

A. Discharge Specifications


1. The treatment or disposal of wastes at this facility shall not cause pollution or nuisance as defined in Sections 13050(l) and 13050(m) of Division 7 of the California Water Code.
2. The direct discharge of wastewater and/or irrigation tailwaters to the Alamo River, irrigation canals, agricultural drainage ditches, to other surface waters is prohibited, except as allowed in Board Order No. 86-039 (NPDES No. CA0105015).
3. Representative samples of oxidation ponds effluent shall not contain a settleable solids concentration in excess of 0.5 ml/l per hour.
4. Reclaimed wastewater shall be used only for irrigation of fiber, fodder, and seed crops, and for irrigation of only those food crops which may be considered by the State Department of Health on an individual basis as needing to undergo extensive commercial, physical or chemical processing sufficient to destroy pathogenic agents before becoming suitable for consumption.
5. A minimum depth of freeboard of two (2) feet shall be maintained at all times in all basins.
6. Adequate measures shall be taken to assure that unauthorized persons are effectively prevented from contact with the wastewater.
7. 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.
8. Treatment and disposal by ponding shall be conducted in such manner that there shall be no stranded or exposed sewage solids.
9. Facilities shall be available to keep the plant in operation in the event of commercial power failure.

B. Provisions

1. Prior to any modifications in this facility which would result in material change in the quality or quantity of wastewater treated or discharged, or any material change in the location of discharge, the discharger shall report all pertinent information in writing to the Regional Board; and obtain revised requirements before any modifications are implemented.
2. The discharger shall comply with "Monitoring and Reporting Program No. 91-010", and future revisions thereto, as specified by the Regional Board's Executive Officer.
3. Prior to any change in ownership or management of this operation, the discharger shall transmit a copy of this Board Order to the succeeding owner/operator, and forward a copy of the transmittal letter to the Regional Board.

IT IS FURTHER ORDERED that Board Order No. 84-008 be superseded by this Board Order.

I, Philip A. Gruenberg, 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 16, 1991.


Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 91-010
FOR
CITY OF CALIPATRIA
AGRICULTURAL IRRIGATION
Calipatria - Imperial County

Location of Discharge: SE $\frac{1}{4}$ of Section 6, T12S, R14E, SBB&M

EFFLUENT MONITORING

Representative samples 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, during use, reported monthly
Total Dissolved Solids	mg/l	Grab	Quarterly

INFLUENT MONITORING

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

REPORTING

Monthly monitoring reports shall be submitted to the Regional Board by the 15th day of the following month. Quarterly monitoring reports shall be submitted to the Regional Board by January 15, April 15, July 15, and October 15 of each year.

Submit monitoring reports to:

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

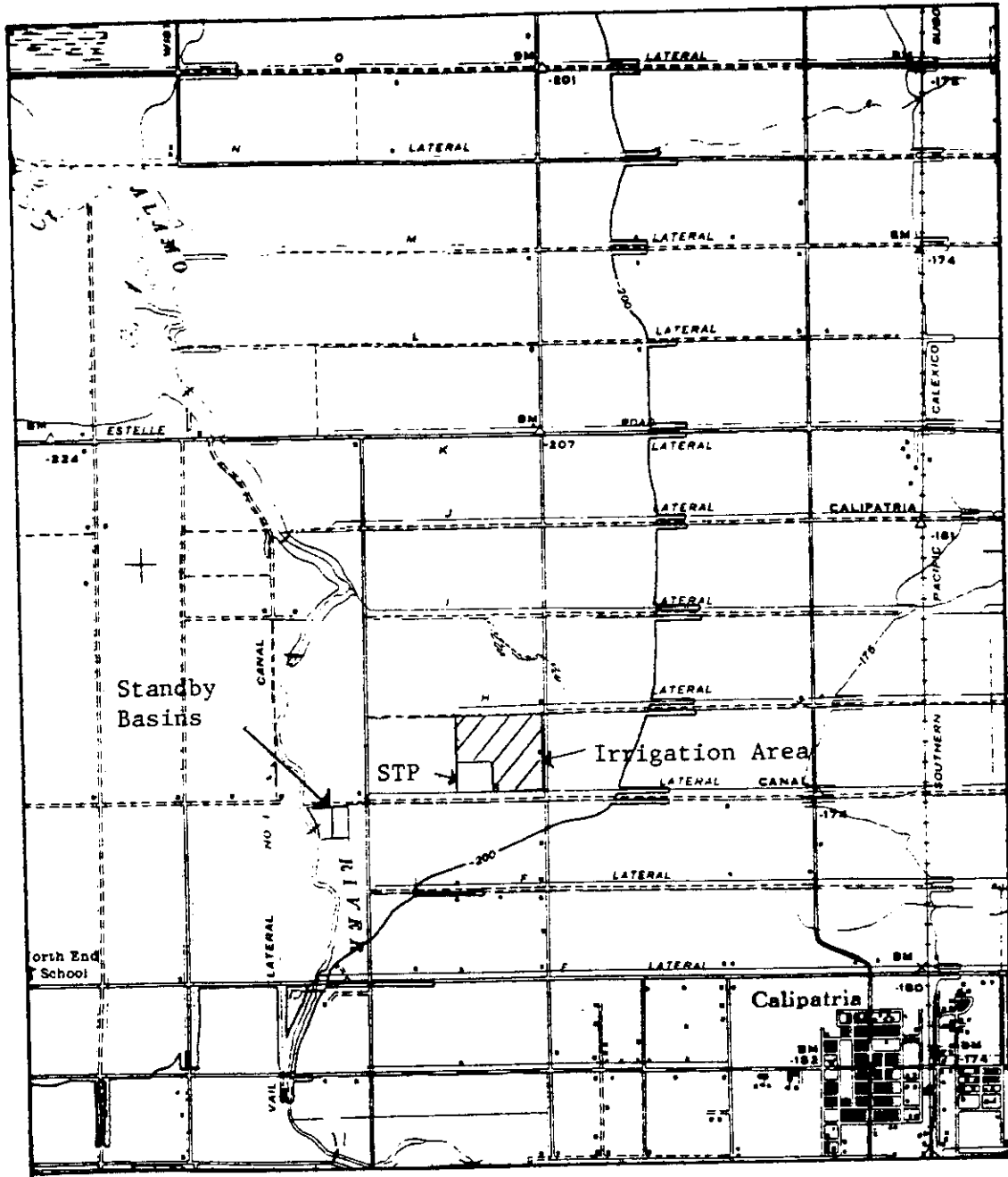
ORDERED BY:

Philip A. Guenher
Executive Officer

January 16, 1991

Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD - 7



SCALE
1" = 1 mile

SITE MAP

CITY OF CALIPATRIA
AGRICULTURAL IRRIGATION
Calipatria - Imperial County
SE $\frac{1}{4}$ of Section 6, T12S, R14E, SBB&M
USGS 15' Calipatria Topographic Map