

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

ORDER NO. 89-029

WASTE DISCHARGE REQUIREMENTS
FOR
IMPERIAL IRRIGATION DISTRICT
IMPERIAL DAM HOUSING AND OFFICES
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), Route 1, 2400 Imperial Road, Winterhaven, CA 92234 submitted current information on February 2, 1989 to update waste discharge requirements.
2. The discharger is discharging a maximum of 7,500 gallons-per-day of domestic sewage from the Imperial Dam housing and offices. The wastewater is discharged through a septic tank into three oxidation-infiltration basins located in Section 17, T15S, R23E, SBB&M, as indicated on the attached site map.
3. The discharger reports that there is one domestic supply well on-site that is located more than 1,000 feet from the basins.
4. The discharge has been subject to waste discharge requirements adopted in Board Order No. 84-44.
5. The Water Quality Control Plan for the Colorado River Basin Region of California was adopted by the Regional Board on November 14, 1984.
6. The location of the discharge is in the Colorado Hydrologic Unit. The beneficial uses of ground water at some locations of this hydrologic unit are:
 - a. Municipal supply
 - b. Industrial supply
 - c. Agricultural supply
7. The discharge to the basins is exempt from the provisions of Subchapter 15, Chapter 3, Title 23 of the California Code of Regulations in accordance with Section 2511 of same Subchapter 15.
8. The Board has notified the discharger and interested agencies and persons of its intent to update waste discharge requirements for the discharge.

*Superseded
by Board Order
94-057
6/29/94*

9. The Board in a public meeting heard and considered all comments pertaining to the existing discharge.
10. 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, the discharger shall comply with the following:

A. Discharge Specifications

1. The treatment or disposal of wastes shall not cause pollution or nuisance as defined in Sections 13050(1) and 13050(m) of the California Water Code.
2. No wastewater other than domestic sewage shall be discharged to the basins.
3. A minimum depth of freeboard of at least two feet shall be maintained in the earthen basins.
4. Treated or untreated sludge, or similar solid waste materials shall be disposed only at locations approved by the Executive Officer.
5. Adequate measures shall be taken to assure that unauthorized persons and animal pets are effectively excluded from contact with the discharge.
6. 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.
7. There shall be no surface flow of wastewater away from the discharge facilities into the nearby drainage ditch.
8. Disposal by infiltration shall be conducted in such a manner that there shall be no stranded or exposed sewage solids in the infiltration basins.
9. Septic tank cleanings shall be conducted only by a duly authorized service.
10. Infiltration and holding basins shall be maintained and operated so as to maximize infiltration and minimize the increase in salinity of the infiltrating wastewater.
11. Treatment and disposal of wastewater shall be conducted by technical procedures which will maintain an aerobic environment.

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 thereon to the Board.
2. The discharger shall comply with "Monitoring and Reporting Program No. 89-029", and future revisions thereto, as specified by the Regional Board's Executive Officer.
3. In the event of any change in operation, or in control or ownership of land or waste disposal facilities owned or controlled by the discharger, the discharger shall:
 - a. Notify this 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.

IT IS FURTHER ORDERED that Board Order No. 84-44 be superseded by this Order.

I, Phil 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 May 17, 1989.


Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 89-029
FOR
IMPERIAL IRRIGATION DISTRICT
IMPERIAL DAM HOUSING AND OFFICES
Imperial County

Location of Discharge: Section 17, T15S, R23E, SBB&M

MONITORING

1. Wastewater from the Septic Tank:

Wastewater discharged to the three earthen basins from the septic tank shall be monitored for the following constituents as indicated below:

| <u>Constituent</u> | <u>Units</u> | <u>Sample Type</u> | <u>Sampling Frequency</u> |
|--|--------------|--------------------|---------------------------|
| 1. Total Dissolved Solids | mg/l | Grab | Annual |
| 2. Sulfate | mg/l | Grab | Annual |
| 3. Chloride | mg/l | Grab | Annual |
| 4. Fluoride | mg/l | Grab | Annual |
| 5. Five Day Biochemical Oxygen Demand (20°C BOD ₅) | mg/l | Grab | Annual |
| 6. pH at 25°C | - | Grab | Annual |

2. Community Water Supply:

Tap water at the discharger's main office shall be monitored for the following constituents as indicated below:

| <u>Constituents</u> | <u>Units</u> | <u>Sample Type</u> | <u>Sampling Frequency</u> |
|---------------------------|--------------|--------------------|---------------------------|
| 1. Total Dissolved Solids | mg/l | Grab | Annual |
| 2. Sulfate | mg/l | Grab | Annual |
| 3. Chloride | mg/l | Grab | Annual |
| 4. Fluoride | mg/l | Grab | Annual |
| 5. pH at 25°C | - | Grab | Annual |

The collection, preservation and holding times of the samples shall be in accordance with the U.S. Environmental Protection Agency's (EPA) recommended methods for the above constituents. The laboratory performing the sample analyses shall be certified by the State of California, Department of Health Services or by this Regional Board office.

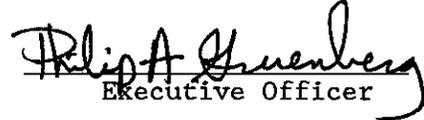
REPORTING

The annual monitoring report for each year shall be signed by a duly authorized person and submitted to the Board by not later than January 15th of the following year.

Forward monitoring reports to:

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

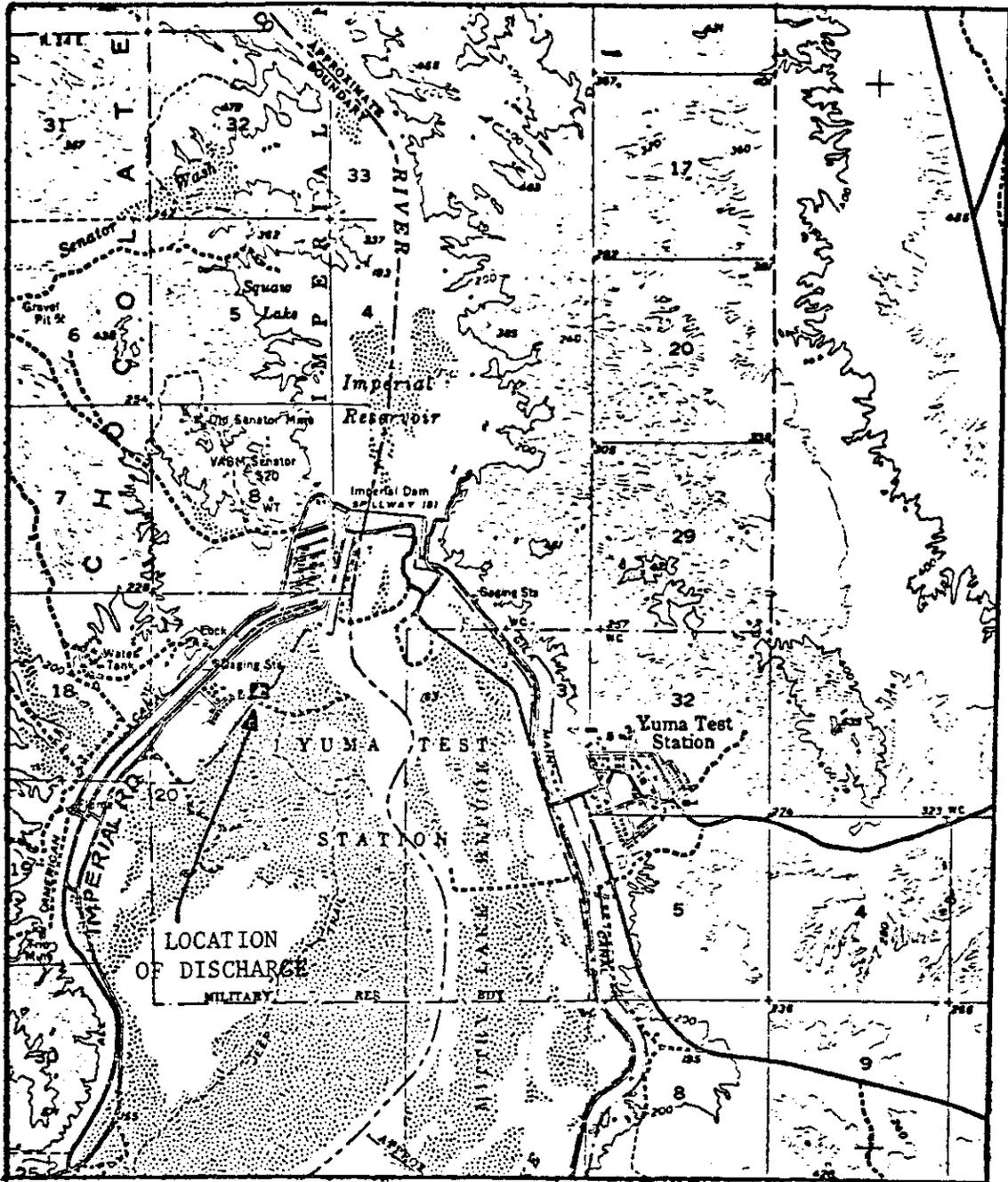
ORDERED BY:


Executive Officer

May 17, 1989

Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD - 7



Scale:
1" = 1 mile

SITE MAP

IMPERIAL IRRIGATION DISTRICT
IMPERIAL DAM HOUSING AND OFFICES
Imperial County
Section 17, T15S, R23E, SBB&M
USGS 15 min. Topographic Map - Laguna Quadrangle