

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

ORDER NO. 88-63

WASTE DISCHARGE REQUIREMENTS
FOR
COACHELLA VALLEY WATER DISTRICT
IMPROVEMENT DISTRICT NO. 58
Northwest of Indio - Riverside County

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

1. Coachella Valley Water District, (hereinafter also referred to as the discharger), P. O. Box 1058, Coachella, California 92236, verified on March 3, 1988 that the information contained in Finding No. 2 (below) is accurate.
2. The discharger presently discharges a peak month average daily flow of 150,000 gallons-per day into a sewage treatment facility designed for 700,000 gallons-per-day. Domestic sewage from residences in an area northwest of Indio is discharged into four mechanically aerated lined basins, which flow into two lined settling basins followed by eight (8) percolation basins for final subsurface disposal. The percolation basins have a maximum operating depth of two (2) feet and are designed to contain a one-day influent volume. This treatment facility is located in the NE $\frac{1}{4}$ of the NE $\frac{1}{4}$ of Section 4, T5S, R7E, SBB&M.
3. The nearest existing well (irrigation well) is located approximately 114 feet outside the property boundary and 360 feet from the percolation basins.
4. The discharge of this sewage treatment system has been subject to waste discharge requirements adopted in Board Order No. 85-37.
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 Basin Plan contains water quality objectives for Coachella Hydrologic Subunit which has the following beneficial uses of ground water:
 - a. Municipal supply
 - b. Industrial supply
 - c. Agricultural supply

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

The Board in a public meeting heard and considered all comments pertaining to the existing discharge.

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, Chapter 3, Title 14 of the California Code of Regulations.

*3-13-91
superseded
with Order
91-018.*

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

A. Discharge Specifications

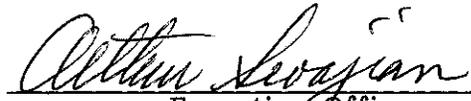
1. Neither the treatment nor the discharge of wastewater shall create a pollution or a nuisance as defined in Division 7 of the California Water Code.
2. No wastewater other than domestic sewage shall be discharged at this location.
3. A minimum depth of freeboard of at least two (2) feet shall be maintained in the oxidation and infiltration basins.
4. Treated or untreated sludge, or similar solid waste materials, shall be disposed only at locations approved by the Regional Board.
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 sewage away from the discharge facilities.
8. Treatment and disposal by ponding shall be conducted in such a manner that there shall be no stranded or exposed sewage solids.
9. Facilities shall be available to handle wastewater in the event of commercial power failure.
10. Treatment and discharge of wastewater shall be conducted by technical procedures which will maintain a surface aerobic environment.
11. Infiltration facilities shall be maintained and operated so as to maximize infiltration and minimize the increase in salinity of the wastewater discharge.
12. The maximum daily flow shall not exceed 0.7 million gallons-per-operating day.
13. Increase of total dissolved solids in the treated wastewater over that contained in the community water supply shall not exceed an increment of 300 mg/l.

B. Provisions

1. Prior to any modifications in this facility which would 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. The discharger shall comply with the "Monitoring and Reporting Program No. 88-63, and future revisions thereto, as specified by the 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.
4. This Order supersedes Board Order No. 85-37.

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 May 12, 1988.



Executive Officer

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

MONITORING AND REPORTING PROGRAM NO. 88-63
FOR
COACHELLA VALLEY WATER DISTRICT
IMPROVEMENT DISTRICT NO. 58
Northwest of Indio - Riverside County

Location of Discharge: NE $\frac{1}{4}$, NE $\frac{1}{4}$ of Section 4, T5S, R7E, SBB&M

EFFLUENT MONITORING

Wastewater contained in percolation basins shall be monitored for the following:

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Total Dissolved Solids	mg/l	Grab	Quarterly
Total Nitrogen (N)	mg/l	Grab	Quarterly
Flow	Gallons/day	Flow Measurement	Daily ¹

WATER SUPPLY MONITORING

The water supply delivered to the community shall be monitored for the following constituents, and the reported level of each constituent shall be a weighted average of all sources:

Total Dissolved Solids	mg/l	Grab	Semiannual
Nitrate (N)	mg/l	Grab	Semiannual

1. For each day with average monthly flow calculated.

REPORTING

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

Semiannual reports - by January 15 and July 15 of each year.

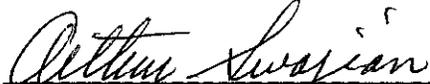
Quarterly reports - by January 15, April 15, July 15, and October 15 of each year,

Daily reports - by the 15th of the following month.

Forward monitoring reports to:

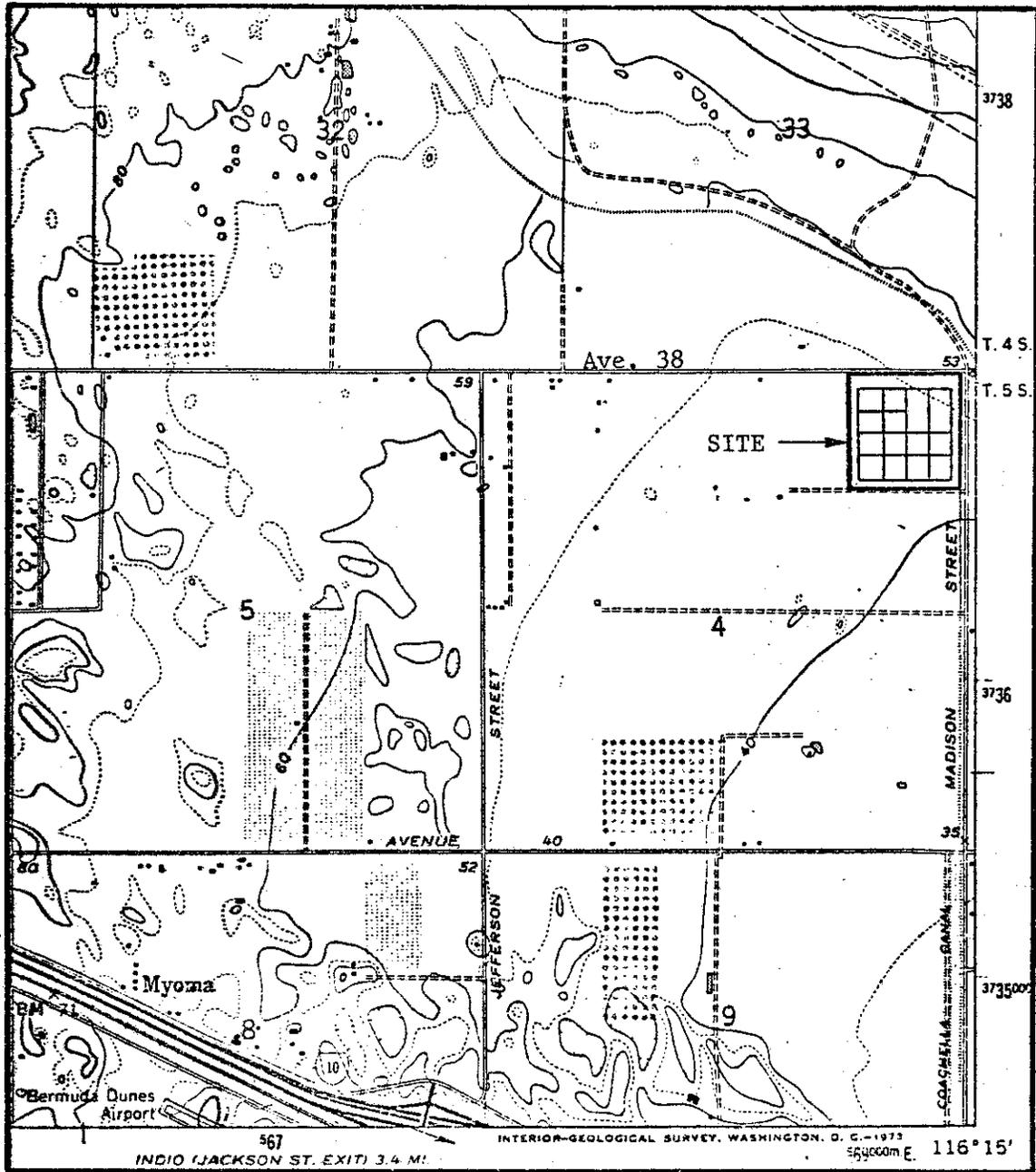
California Regional Water Quality Control Board
Colorado River Basin Region
73-271 Highway 111, Suite 21
Palm Desert, CA 92260

ORDERED BY:


Executive Officer

May 12, 1988
Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD - 7



Scale:
1" = 2,000'

SITE MAP

**COACHELLA VALLEY WATER DISTRICT
IMPROVEMENT DISTRICT NO. 58
Northwest of Indio - Riverside County
NE $\frac{1}{4}$, NE $\frac{1}{4}$ of Section 4, T5S, R7E, SBB&M
USGS Myoma 15 min. Topographic Map**

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