

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

ORDER NO. 84-54

WASTE DISCHARGE REQUIREMENTS
FOR
COACHELLA VALLEY WATER DISTRICT
NORTH SHORE WATER RECLAMATION PLANT
Riverside County

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

1. The Coachella Valley Water District (hereinafter also referred to as the discharger), P. O. Box 1058, Coachella, California 92236, submitted a report of waste discharge dated January 25, 1984, to update waste discharge requirements for the existing discharge.
2. The discharger is currently discharging an average of 17,000 gallons per day of treated domestic sewage wastewater to evaporation/infiltration basins located in the NW $\frac{1}{4}$, Section 34, T7S, R10E, SBB&M. Final disposal of wastewater is by evaporation and subsurface infiltration, and by greenbelt irrigation of areas on the treatment facility grounds from which the public is excluded.
3. The treatment facility is designed as an activated sludge-type plant with a design flow of approximately 180,000 gallons per day. Because the present average daily flow of the plant is 17,000 gallons per day, the discharger proposes to convert one of the three existing evaporation/infiltration basins into a lined, mechanically aerated oxidation basin. This basin will have a treatment capacity of 33,000 gallons per day. The two remaining basins will continue to serve as evaporation/infiltration basins.
4. The discharger proposes to resume activated sludge-type treatment of the wastewater when the maximum daily flow of the facility increases to 33,000 gallons per day.
5. The shallow ground waters of the East Salton Sea Hydrologic Unit are saline and are not beneficially used.
6. The Water Quality Control Plan for the West Colorado River Basin was adopted April 10, 1975. The Basin Plan contains water quality objectives for the East Salton Sea Hydrologic Unit, and this Order implements those objectives.
7. This discharge has been subject to waste discharge requirements adopted in Board Order No. 75-4.

*Superseded
89-028*

8. The Board has notified the discharger and interested persons and agencies of its intent to update waste discharge requirements for this site.
9. The Board in a public meeting heard and considered all comments pertaining to the existing discharge.
10. This treatment facility constitutes an ongoing project in accordance with the provisions of the California Environmental Quality Act (Public Resources Code Section 21000 et. seq.), and Title 14, California Administrative Code, Article 6.5, Section 15070, because the governmental approvals on or after April 15, 1973 do not involve a greater degree of responsibility or control over such activity than the governmental approvals received prior to that date.

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

A. Discharge Specifications

1. Representative samples of wastewater discharged from the activated sludge-type plant shall not contain constituents in excess of the following limits:

Constituent	Units	30-Day Arithmetic Mean Discharge Rate	7-Day Arithmetic Mean Discharge Rate
20°C BOD ₅	mg/l	30	45
Suspended Solids	mg/l	30	45
Settleable Matter	ml/l	0.3	0.5

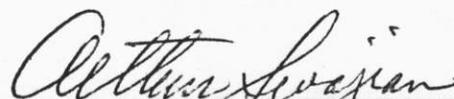
2. The Coachella Valley Water District shall not deliver reclaimed wastewater from the above facility for re-use by others.
3. The volume of wastewater treated by the oxidation basin system described in Finding No. 3 (above) shall not exceed 33,000 gallons per day unless approved by the Executive Officer.
4. A minimum freeboard depth of at least two (2) feet shall be maintained at all times in the basins.
5. Sewage sludge shall not be discharged to any natural or artificial channel or to Salton Sea.
6. There shall be no surface flow of sewage away from the designated disposal areas.
7. Facilities shall be available for the measurement of wastewater flow.
8. No wastewater other than domestic sewage shall be discharged at this location.

9. Disposal by ponding shall be conducted in such a manner that there shall be no stranded or exposed sewage solids.
10. Facilities shall be available to handle wastewater in the event of commercial power failure.

B. Provisions

1. The treatment or disposal of wastes shall not cause pollution or a nuisance as defined in Section 13050 (l) and 13050 (m) of the California Water Code.
2. Adequate measures shall be taken to assure that unauthorized persons and animal pets are effectively excluded from contact with the discharge.
3. 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 portions of the treatment and discharge facilities inoperable.
4. 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.
5. The discharger's facility shall be supervised and operated by persons possessing certification of appropriate grade pursuant to Chapter 3, Subchapter 14, Title 23, California Administrative Code.
6. The discharger shall comply with "Monitoring and Reporting Program No. 84-54" and future revisions thereto, as specified by the Executive Officer.
7. In the event of any change in the operation, or in control or ownership of land and/or waste disposal facilities owned or controlled by the discharger, the discharger shall:
 - a. Notify the Board of such change; and
 - b. Notify the succeeding owner or this Order, a copy of which shall be filed with this Board.
8. This Order supersedes Board Order No. 75-4.

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 16, 1984.



Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 84-54
FOR
COACHELLA VALLEY WATER DISTRICT
NORTH SHORE WATER RECLAMATION PLANT
Riverside County

Location of Discharge: NW $\frac{1}{4}$, Section 34, T7S, R10E, SBB&M

EFFLUENT MONITORING

Wastewater discharged from the activated sludge treatment facilities shall be monitored for the following:

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
20°C BOD ₅	mg/l	Grab at Peak Flow	Weekly
Suspended Solids	mg/l	Grab at Peak Flow	Weekly
Settleable Matter	ml/l	Grab at Peak Flow	Weekly
Flow (Total Plant Effluent)	Gallons/day	Flow Measurement	Estimated Monthly

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

Flow (Total Plant Effluent)	Gallons/day	Flow Measurement	Estimated Monthly
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REPORTING

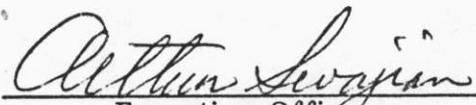
Monitoring reports shall be submitted to the Regional Board as follows:

Weekly reports - reported monthly by the 15th day of the following month.

Submit monitoring reports to:

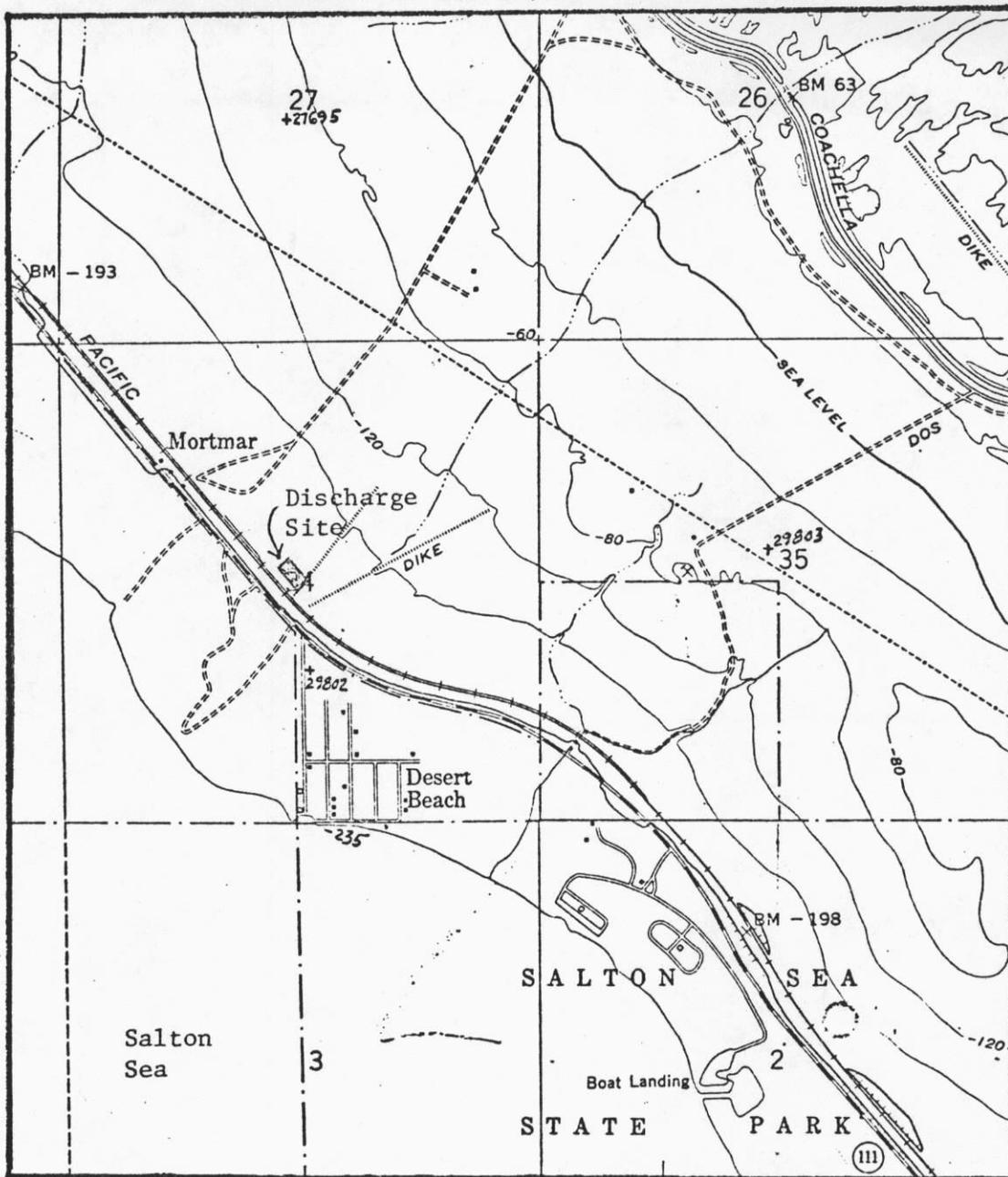
California Regional Water Quality Control Board
Colorado River Basin Region
73-271 Highway 111, Suite 21
Palm Desert, CA 92260

ORDERED BY:


Executive Officer

May 16, 1984

Date

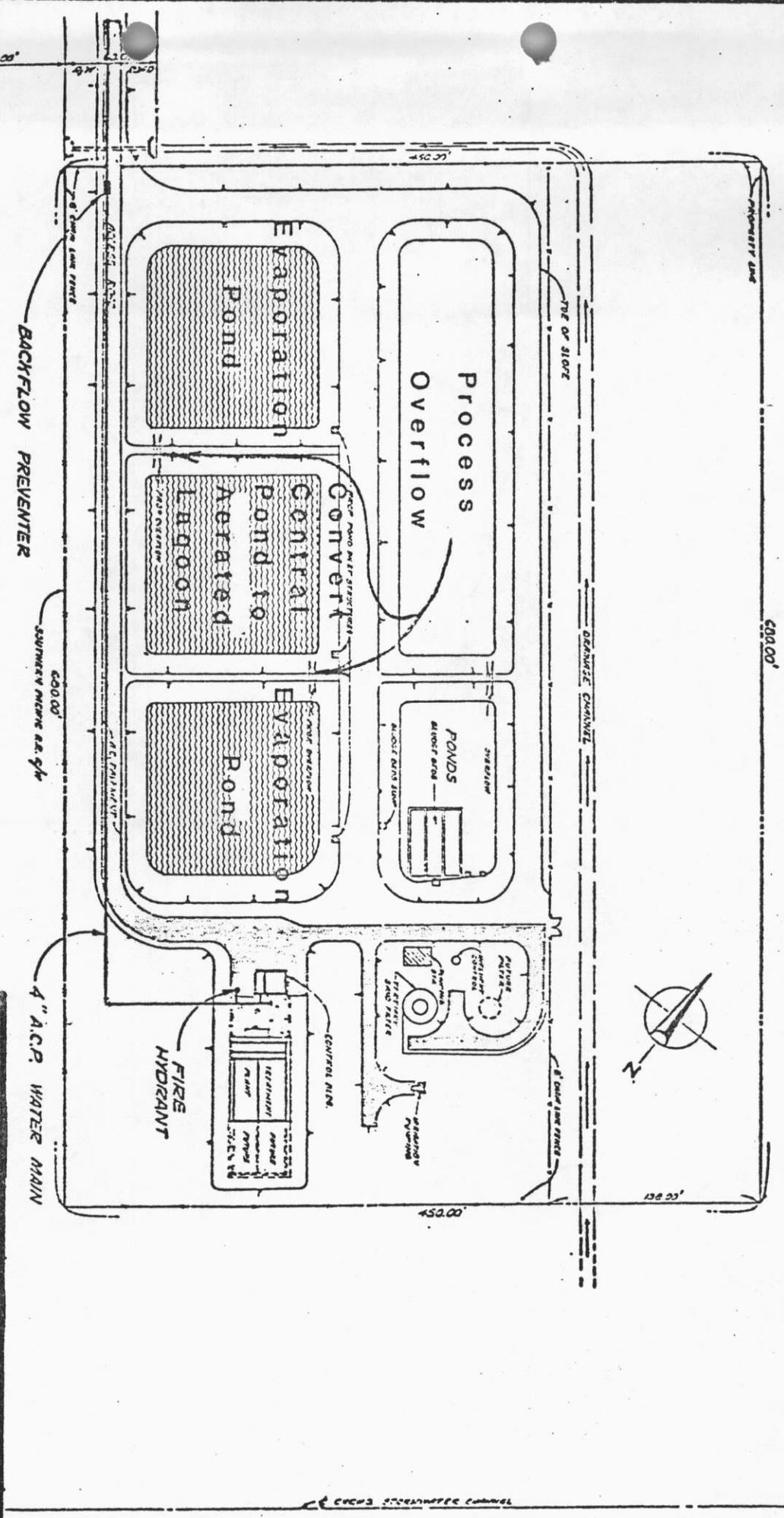


Scale:
1" = 2000'

SITE MAP NO. 1

COACHELLA VALLEY WATER DISTRICT
NORTH SHORE WATER RECLAMATION PLANT
Riverside County
NW 1/4, Section 34, T7S, R10E, SBB&M
USGS Mortmar 7.5 min. Topographic Map

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
 COLORADO RIVER BASIN REGION



COACHELLA VALLEY COUNTY WATER DISTRICT
 NORTH SHORE BEACH
 WATER RECLAMATION PLANT
 Site Map No. 2

RECLAMATION PLANT LAYOUT

DATE 9/75	PHILIP ABRAMS CONSULTING ENGINEERS INC.	FIG. NO. I-3
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