

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

ORDER NO. 83-98

WASTE DISCHARGE REQUIREMENTS
FOR
DESERT HOT SPRINGS COUNTY WATER DISTRICT
Riverside County

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

1. Desert Hot Springs County Water District, 66-575 Second Street, Desert Hot Springs, California 92240, submitted updated information on the discharge of wastes on July 7, 1983.
2. The discharger is discharging a peak month average daily flow of 0.35 mgd of domestic sewage. The influent wastewater is split to allow a maximum of about 0.3 mgd to flow into an activated sludge treatment plant, which is designed for 0.2 mgd, and the remainder flows directly into three aerated ponds. The treated wastewater from both is discharged into infiltration basins located in the SE $\frac{1}{4}$ of the NE $\frac{1}{4}$ of Section 6, T3S, R5E, SBB&M. The plant and basins are currently under construction to expand the design capacity to 0.6 mgd.
3. There are no domestic wells within 500 feet of the discharge facilities described in Finding No. 2, (above).
4. The discharge has been subject to waste discharge requirements adopted in Order No. 71-66.
5. The Water Quality Control Plan for the West Colorado River Basin Region was adopted on April 10, 1975. The Basin Plan contains water quality objectives for Coachella Hydrologic Subunit.
6. The beneficial uses of ground waters in the Coachella Hydrologic Subunit are:
 - a. Municipal supply
 - b. Industrial supply
 - c. Agricultural supply
7. The Board has notified the discharger and interested agencies and persons of its intent to update waste discharge requirements for the discharge.
8. The Board in a public meeting heard and considered all comments pertaining to the discharge.
9. This treatment plant constitutes an ongoing project in accordance with provisions of the California Environmental Quality Act (Public Resources Code Section 21000 et. seq.) and the State Guidelines, because the governmental approvals on or after April 5, 1973, do not involve a greater degree of responsibility or control over such activity than the governmental approvals received prior to that date.

*Superceded
by 87-12
1121187*

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

A. Discharge Specifications

1. Representative samples of wastewater discharged to infiltration basins shall not contain constituents in excess of the following limits:

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

2. The increase in concentration of chemical constituents in the discharged wastewater over that contained in the water supply to the community shall not exceed the following increments:

<u>Constituents</u>	<u>Increments (mg/l)</u>
Total Dissolved Solids	300
Chloride (Cl)	50
Sulfate (SO ₄)	50
Fluoride (F)	0.5

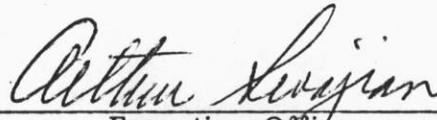
3. The volume of wastewater discharged shall not exceed 0.6 mgd.
4. Sewage sludge shall not be discharged to any natural or artificial channel.
5. A minimum freeboard depth of at least two (2) feet shall be maintained at all times in all infiltration basins.
6. Facilities shall be available to keep the treatment plant in operation in the event of commercial power failure, including positive levels of dissolved oxygen in all open basins containing sewage effluent.
7. Facilities shall be available for measurement of wastewater flow.
8. Infiltration basins shall be maintained and operated so as to minimize the increase in total dissolved solids content of the infiltrating wastewater.
9. There shall be no discharge of wastewaters of industrial origin, or of natural geothermal origin.

10. There shall be no surface flow of sewage away from the designated disposal area.

B. Provisions

1. Neither the treatment nor the discharge of wastes shall cause a pollution or a nuisance, as defined in Division 7 of the California Water Code.
2. 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.
3. 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.
4. This Order includes the attached "Monitoring and Reporting Program No. 83-98", and future revisions thereto, as specified by the Executive Officer.
5. The discharger's wastewater treatment plant shall be supervised and operated by persons possessing certification of appropriate grade pursuant to Chapter 3, Subchapter 14, Title 23, California Administrative Code.
6. This Order supersedes this Board's Order No. 71-66.

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 November 16, 1983.



Executive Officer

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

**MONITORING AND REPORTING PROGRAM NO. 83-98
FOR
DESERT HOT SPRINGS COUNTY WATER DISTRICT
Riverside County**

Location of Discharge: SE $\frac{1}{4}$, NE $\frac{1}{4}$, Section 6, T3S, R5E, 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	8-Hr. Composite	Quarterly
Suspended Solids	mg/l	8-Hr. Composite	Quarterly
Settleable Matter	ml/l	Grab and Peak Flow	Daily
Flow (Total Plant Effluent)	Gallons/day	Flow Measurement	Daily ¹

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

Total Dissolved Solids	mg/l	Grab	Quarterly
Sulfate (SO ₄)	mg/l	Grab	Quarterly
Chloride (Cl)	mg/l	Grab	Quarterly
Fluoride (F)	mg/l	Grab	Quarterly

1. For each day with average monthly flow calculated

*Replaced
7/23/85*

Water Supply to the Community

The water supply shall be monitored for the following constituents. The sample analyzed shall be a weighted average of all sources.

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Total Dissolved Solids	mg/l	Grab	Quarterly
Chloride (Cl)	mg/l	Grab	Quarterly
Sulfate (SO ₄)	mg/l	Grab	Quarterly
Fluoride (F)	mg/l	Grab	Quarterly

Sewage Sludge

The discharger shall report quarterly on the quantity, method, and location of sewage sludge discharged.

REPORTING

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

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

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

The discharger shall implement the above monitoring program within 30 days of the effective date of this Order No. 83-98.

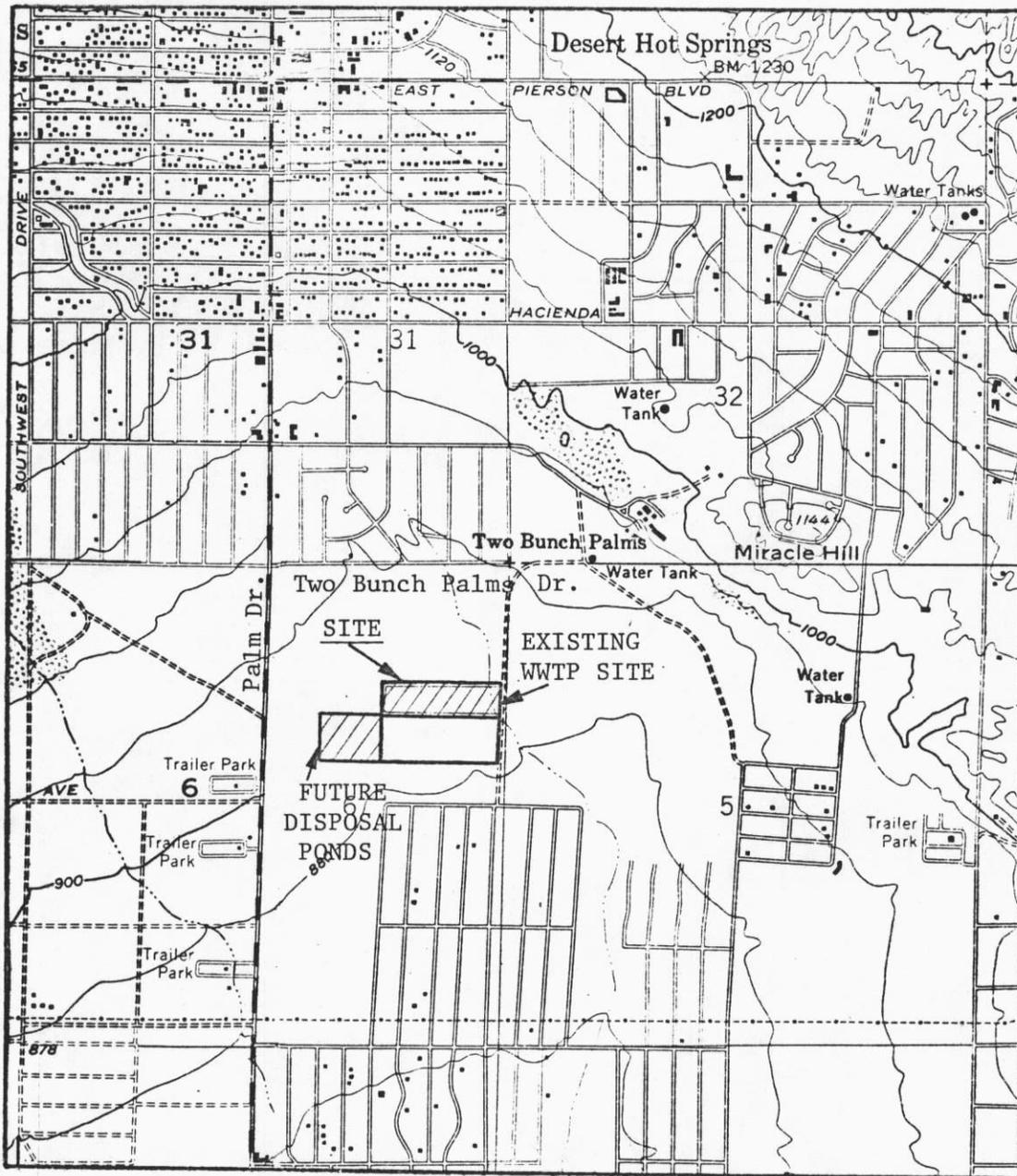
Forward monitoring reports to:

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

ORDERED BY:

Arthur Seajian
Executive Officer
December 2, 1983
Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD - 7



SITE MAP

DESERT HOT SPRINGS COUNTY WATER DISTRICT
Riverside County
Portion of the SE 1/4, NE 1/4 of Section 6, T3S, R5E, SBB&M
USGS Desert Hot Springs and Seven Palms Valley 7.5 min.
Topographic Maps

Order No. 83-98

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

**MONITORING AND REPORTING PROGRAM NO. 83-98 (Revision No. 1)
FOR
DESERT HOT SPRINGS COUNTY WATER DISTRICT
Riverside County**

Location of Discharge: SE¼, NE¼, Section 6, T3S, R5E, 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	24-Hr. Composite	Quarterly
Suspended Solids	mg/l	24-Hr Composite	Quarterly
Settleable Matter	ml/l	Grab at Peak Flow	Daily ²
Flow (Total Plant Effluent)	Gallons/day	Flow Measurement	Daily ¹

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

Total Dissolved Solids	mg/l	Grab	Quarterly
Sulfate (SO ₄)	mg/l	Grab	Quarterly
Chloride (Cl)	mg/l	Grab	Quarterly
Fluoride (F)	mg/l	Grab	Quarterly

-
1. For each day with average monthly flow calculated
 2. Once per weekday

Water Supply to the Community

The water supply shall be monitored for the following constituents. The sample analyzed shall be a weighted average of all sources.

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Total Dissolved Solids	mg/l	Grab	Quarterly
Chloride (Cl)	mg/l	Grab	Quarterly
Sulfate (SO ₄)	mg/l	Grab	Quarterly
Fluoride (F)	mg/l	Grab	Quarterly

Sewage Sludge

The discharger shall report quarterly on the quantity, method, and location of sewage sludge discharged.

REPORTING

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

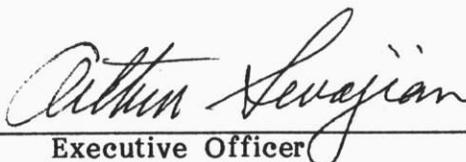
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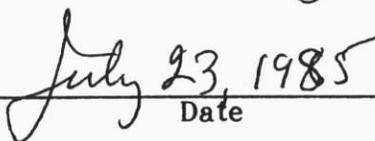
Daily - by the 15th day of the following month.

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:


Executive Officer


Date