

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

ORDER NO. 85-22

**WASTE DISCHARGE REQUIREMENTS
FOR
TRI-PALM ESTATES WASTEWATER TREATMENT FACILITY
Thousand Palms - Riverside County**

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

1. Tri-Palm Estates (hereinafter also referred to as the discharger), 32-700 Desert Moon Drive, Thousand Palms, California, 92276, verified via Ed Mooney, park manager, on November 30, 1984, that the information in Findings No. 2 and No. 3 (below) is accurate.
2. The discharger is discharging a peak month average daily flow of 200,000 gallons-per-day of domestic sewage from a mobile home subdivision having 1710 lots. The wastewater is transported from the underground gravity collection system of the park to a sewage treatment facility located in the NE $\frac{1}{4}$, SW $\frac{1}{4}$, SW $\frac{1}{4}$ of Section 21, T4S, R6E, SBB&M, which is about one-half mile east of the park. The treatment process consists of first pumping the wastewater into mechanically aerated basins, and then discharging the aerated wastewater into stabilization basins. The stabilized effluent is finally discharged into infiltration basins for subsurface disposal. These infiltration basins are rotated and disked periodically to restore infiltration capacity. The treatment facility has a design flow of 240,000 gallons-per-day.
3. The discharger has made provisions to drain swimming pool wastewater into the sewage disposal system.
4. The discharge of this sewage treatment system has been subject to waste discharge requirements adopted in Board Order No. 77-90.
5. The Water Quality Control Plan for the Colorado River Basin Region of California was adopted by the Regional Board on November 14, 1984. The Basin Plan contains water quality objectives for the Coachella Hydrologic Subunit.
6. The beneficial uses of the ground waters of 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.

*Superseded
7/8/87
By 87-67*

8. The Board in a public meeting heard and considered all comments pertaining to the discharge.
9. 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 of Title 14, Chapter 3 of the California Administrative Code.

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

A. Discharge Specifications

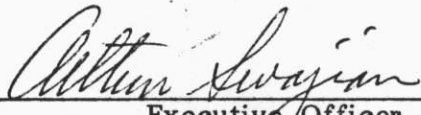
1. Neither the treatment nor the discharge of wastewater shall create a pollution or a nuisance as defined in Division 7 of the California Water Code.
2. No wastewater other than domestic sewage and swimming pool wastewater from this development shall be discharged at this location.
3. A minimum depth 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 designated disposal areas.
8. Adequate protective facilities shall be provided to insure that blow sand will not accumulate in the treatment and disposal facilities.
9. Treatment and disposal by ponding shall be conducted in such 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.
11. Treatment and discharge of wastewater shall be conducted by technical procedures which will maintain a surface aerobic environment.
12. Infiltration facilities shall be maintained and operated so as to maximize infiltration and minimize the increase in salinity of the wastewater discharge.

13. The maximum daily flow shall not exceed 240,000 gallons per-operating day.
14. 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 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 in writing to the Regional Board.
2. The discharger shall comply with the attached "Monitoring and Reporting Program No. 85-22", and future revisions thereto, as specified by the Executive Officer.
3. In the event of any change in control or ownership of land or waste disposal facilities described herein, 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. 77-90.

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 March 13, 1985.



Executive Officer

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

**MONITORING AND REPORTING PROGRAM NO. 85-22
FOR
TRI-PALM ESTATES WASTEWATER TREATMENT FACILITY
Thousand Palms - Riverside County**

Location of Discharge: NE $\frac{1}{4}$, SW $\frac{1}{4}$, SW $\frac{1}{4}$ of Section 21, T4S, R6E, SBB&M

Tri-Palm Estates shall report monitoring data to the Regional Board in accordance with the following schedule:

EFFLUENT MONITORING

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
1. Wastewater Discharged to Infiltration Basins:			
Total Dissolved Solids	mg/l	Grab	Quarterly
2. Effluent Discharged to Oxidation Basins:			
Flow	MGD	Average Daily	Daily*

WATER SUPPLY MONITORING

Total Dissolved Solids	mg/l	Grab	Annually
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REPORTING

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

Annual reports - by January 15 of the following year.

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

Daily data - Reported Monthly by the 15th day of the following month.

Mail reports to:

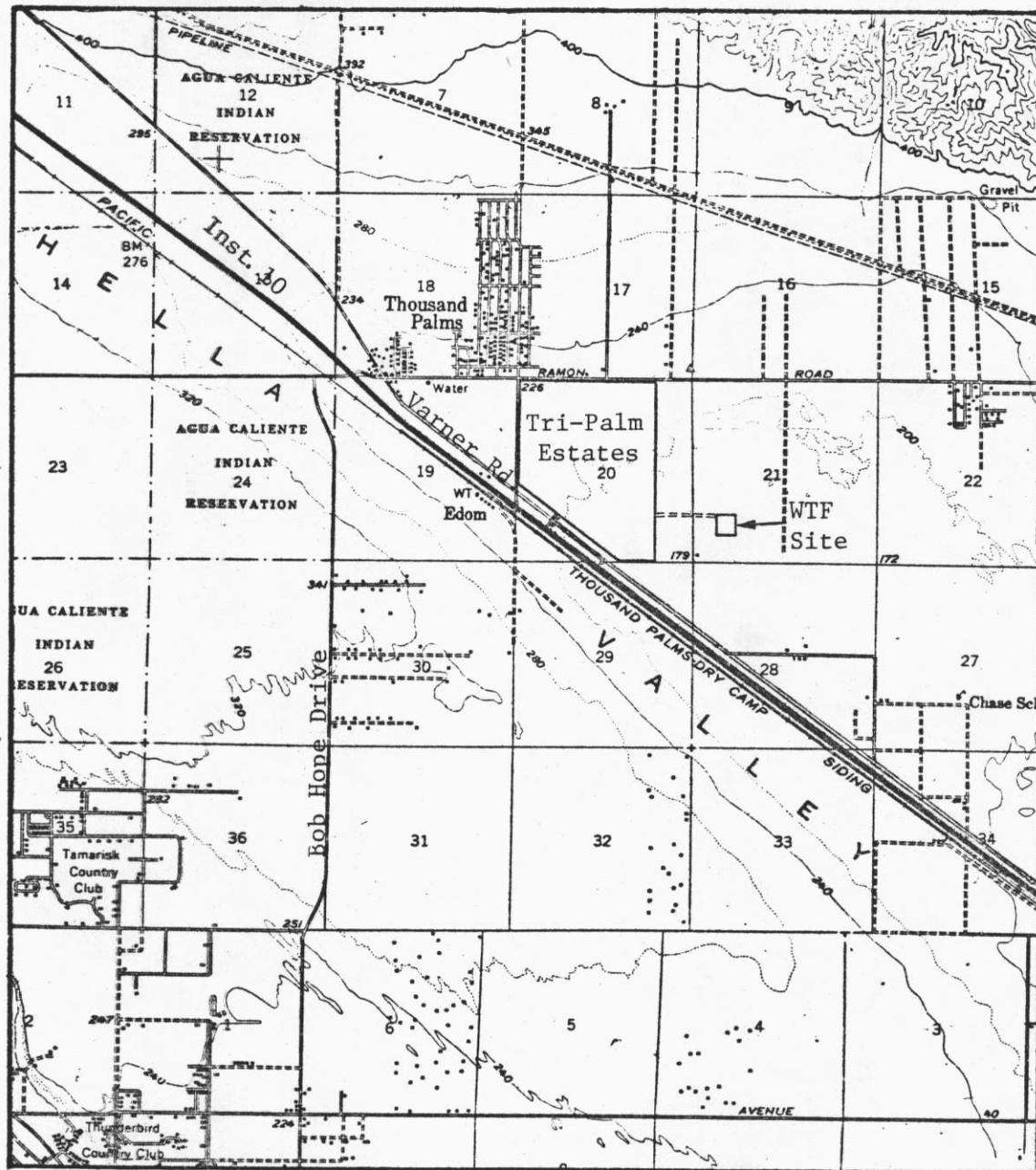
California Regional Water Quality Control Board
Colorado River Basin Region
73-271 Highway 111, Suite 21
Palm Desert, CA 92260

ORDERED BY:

Arthur Swajian
Executive Officer
March 18, 1985
Date

*For each day with average daily monthly flow calculated.

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD -7



Scale
1"=1 mi.

SITE MAP

TRI-PALM ESTATES WASTEWATER TREATMENT FACILITY

Thousand Palms - Riverside County

NE $\frac{1}{4}$, SW $\frac{1}{4}$, SW $\frac{1}{4}$ of Section 21, T4S, R6E, SBB&M

USGS Thousand Palms 15 min. Topographic Map

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