

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

ORDER NO. 77-90

WASTE DISCHARGE REQUIREMENTS
FOR
TRI-PAIM 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) P.O. Box 98, Thousand Palms, CA 92278, submitted a Report of Waste Discharge dated August 19, 1977.
2. The discharger is discharging a maximum average of 105,000 gallons-per-day of domestic sewage from a mobile home park having 1600 spaces. 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 Resolution No. 69-27.
5. The Water Quality Control Plan for the West Colorado River Basin was adopted by the Board on April 10, 1975. The Basin Plan contains water quality objectives for Coachella Hydrologic Subunit.

*Replaced
8-5-77*

6. The beneficial uses of the groundwaters 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.
8. The Board in a public meeting heard and considered all comments pertaining to the discharge.
9. This treatment facility for this mobile home park 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.

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 the California Water Code.
2. No wastewater other than domestic sewage and swimming pool wastewater shall be discharged at this location.
3. A minimum depth of freeboard of at least two feet shall be maintained in the oxidation and infiltration basins.
4. Treated or untreated sludge, or similar solid waste materials, shall not be discharged to or enter any drainage channels.
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.
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. The discharge shall not adversely affect the quality of receiving waters that are usable for domestic purposes.
12. There shall be no discharge of wastewater within 500 feet of any water supply well.
13. Treatment and discharge of wastewater shall be conducted by technical procedures necessary to maintain an aerobic environment.
14. Infiltration facilities shall be maintained and operated so as to maximize infiltration and minimize the increase in salinity of the wastewater discharge.
15. The maximum daily flow shall not exceed 0.24 million gallons per-operating-day.
16. Increase of chemical constituents in the treated wastewater over that contained in the community water supply shall not exceed the following increments:

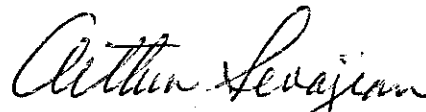
<u>Constituent</u>	<u>Increment (mg/l)</u>
Chloride	60
Total Dissolved Solids	300
Sulfate	65
Fluoride	0.3

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 "Monitoring and Reporting Program No. 77-90" and "General Provisions for Monitoring and Reporting", and future revisions thereto, as specified by the Executive Officer.
3. In the event of any change in operations, or in control or ownership of land and/or waste disposal facilities owned or controlled by the discharger, the discharger shall:
 - a. Notify this Board of such change; and
 - b. Notify the succeeding owner or operator by letter of the existence of this Order, a copy of which shall be filed with this Board.
4. This Order supersedes Board Resolution No. 69-27.

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, 1977.



Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 77-90
FOR
TRI-PALM ESTATES WASTEWATER TREATMENT FACILITY
Thousand Palms - Riverside County

Location of Discharge: NE¼, SW¼, SW¼ of Section 21, T4S, R6E,
SBB&M.

EFFLUENT MONITORING

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
I. Wastewater Discharged to Infiltration Basins:			
Total Dissolved Solids	mg/l	Grab	Quarterly
Chloride	mg/l	Grab	Quarterly
Sulfate	mg/l	Grab	Quarterly
Fluoride	mg/l	Grab	Quarterly
II. Effluent Discharged to Oxidation Basins:			
Flow	MGD	Average Daily	Daily

WATER SUPPLY MONITORING

Total Dissolved Solids	mg/l	Grab	Annually
Chloride	mg/l	Grab	Annually
Sulfate	mg/l	Grab	Annually
Fluoride	mg/l	Grab	Annually

REPORTING

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

Annual reports - by January 30 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.

The discharger shall implement the above monitoring program within
30 days of the effective date of this Order.

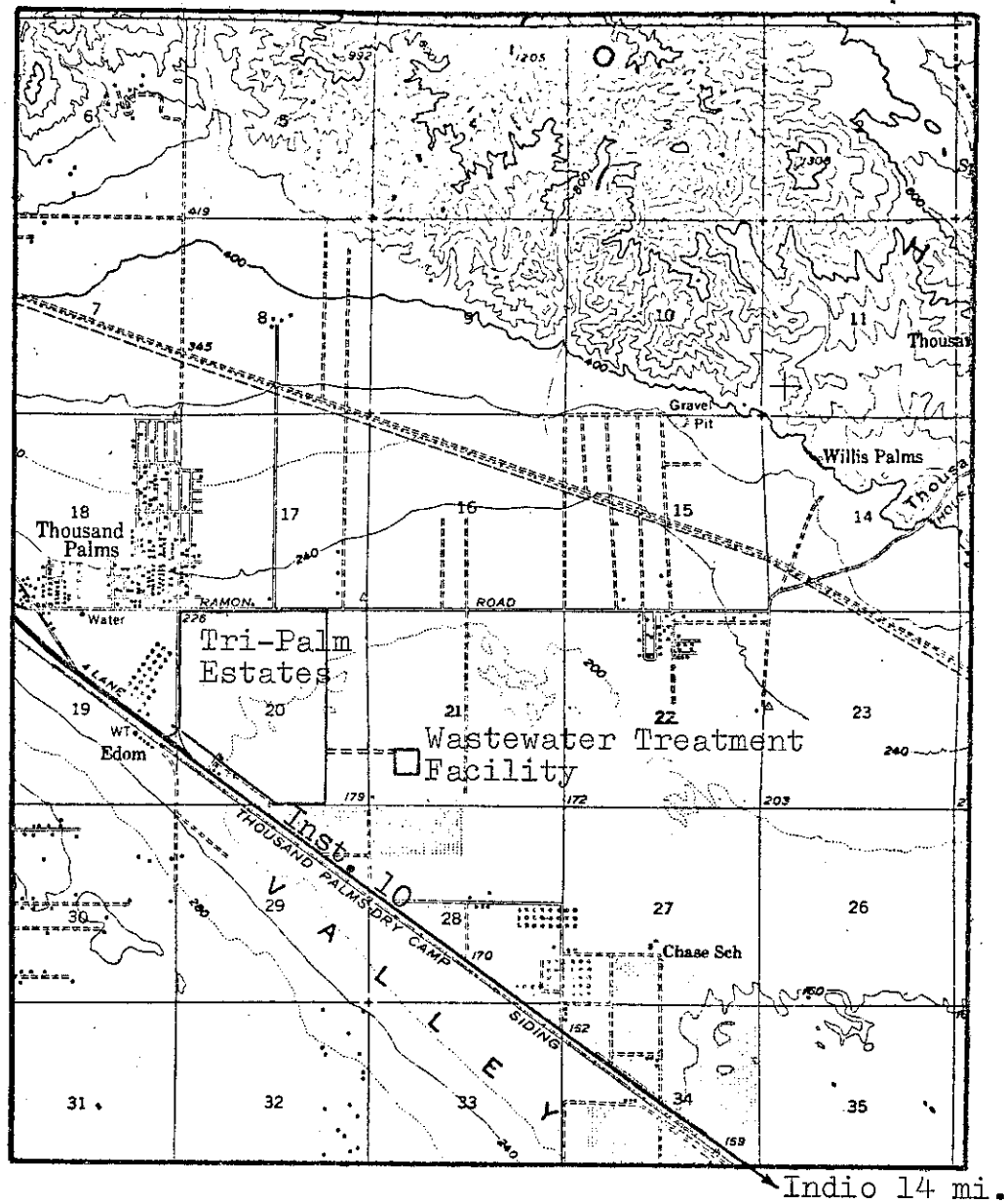
Forward monitoring reports to:

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

ORDERED BY

Arthur L. Lujan
Executive Officer

November 16, 1977
Date



SITE MAP

TRI-PAIM ESTATES WASTEWATER TREATMENT FACILITY
 Thousand Palms - Riverside County
 Location of Discharge: NE $\frac{1}{4}$, SW $\frac{1}{4}$, SW $\frac{1}{4}$ of Sec. 21, T4S, R6E, SBB&M
 U.S.G.S. Thousand Palms 15 min. Topographic Map

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