

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
COLORADO RIVER BASIN REGION

ORDER NO. 81-92

WASTE DISCHARGE REQUIREMENTS  
FOR  
COACHELLA VALLEY WATER DISTRICT  
LA QUINTA HOTEL SEWAGE DISPOSAL FACILITIES  
La Quinta - 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, CA 92236, submitted a complete Report of Waste Discharge on September 10, 1981.
2. The discharger proposes to discharge a maximum of 150,000 gallons-per-day of domestic sewage from 165 hotel units, 100 condominiums, a laundry room, a restaurant and a clubhouse. The wastewater would flow through a pump station into an existing septic tank/seepage pit system. When the pits become saturated, the overflow would drain into a sump, where effluent would be pumped for about a mile for flood irrigation of fodder. An aerated sewage lagoon followed by a settling basin would be constructed if needed to meet waste discharge requirements. The final disposal site is located in the E 1/4 of the E 1/2 of Section 6, T6S, R7E, SBB&M. The septic tank/seepage pit system is located in the NE 1/4 of the NE 1/4 of Section 1 T6S, R6E, SBB&M. The CVWD explains that this treatment and disposal system is temporary, for approximately a 2-year period, pending construction of an areawide treatment plant, at which time the area being served would be connected to the areawide plant.
3. There are no domestic wells within 200 feet of the proposed discharge facilities described in Finding No. 2.
4. The discharger states that wastewater from a swimming pool is periodically discharged onto a nearby date orchard.
5. The discharge from this hotel development has been subject to waste discharge requirements adopted in Board Order No. 80-69 and Addendum No. 1 of said Order.
6. 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 the Coachella Hydrologic Subunit of the Whitewater Hydrologic Unit.

*Superseded  
by 85-74-  
8/7/85*

7. The beneficial uses of the groundwater of the Coachella Hydrologic Subunit are:
  - a. Municipal supply
  - b. Industrial supply
  - c. Agricultural supply
8. The Board has notified the discharger and interested agencies and persons of its intent to update waste discharge requirements for the discharge.
9. The Board in a public meeting heard and considered all comments pertaining to the discharge.
10. The Coachella Valley Water District's Board of Directors has approved a Negative Declaration (filing date September 22, 1981) for the proposed facilities. The Regional Board has reviewed this Negative Declaration. The below waste discharge requirements are designed to assure against any significant adverse effects on water quality.

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

A. Discharge Specifications

General 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 shall be discharged at this location.
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. Sewage sludge and septic tank cleanings shall be discharged only by a duly authorized service.
5. There shall be no surface flow of sewage away from the designated disposal areas or into any drainage channel.
6. Standby facilities shall be provided in the event of pump and/or commercial power failure.

### Septic Tank/Seepage Pit Specifications

7. Wastewater discharged subsurface shall be retained underground with no surfacing.
8. Septic tank cleanings shall be discharged only by a duly authorized service.

### Sewage Lagoon and Settling Basin Specifications

9. A minimum freeboard depth of at least two (2) feet shall be maintained at all times in the basins.
10. Treatment and disposal by ponding shall be conducted in such a manner that there shall be no stranded or exposed sewage solids.
11. Treatment and discharge of wastewater shall be conducted by technical procedures which will maintain an aerobic environment, and the surface water of ponded wastewater shall contain a dissolved oxygen concentration of not less than 2 mg/l at all times.
12. Adequate facilities shall be provided to assure that unauthorized persons and animal pets are effectively excluded from the aeration sewage lagoon area.

### Irrigation of Fodder, Fiber and Seed Crops Specifications

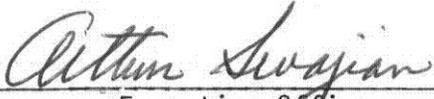
13. Reclaimed water used for the surface or spray irrigation of fodder, fiber and seed crops shall have a level of quality no less than that of primary effluent. Primary effluent is defined as the effluent from a wastewater treatment process which provides removal of sewage solids so that it contains not more than 0.5 milliliter per liter per hour of settleable solids as determined by an approved laboratory method.
14. Adequate measures shall be taken to assure that the public is effectively excluded from the discharge area.

#### 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. In December 1982, the Coachella Valley Water District shall submit a report of progress toward construction of the areawide treatment plant referred to in Finding No. 2, above.

3. The discharger shall comply with "Monitoring and Reporting Program No. 81-92" and future revisions thereto, as specified by the Executive Officer.
4. In the event of any change in operation, 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.
5. This Order supersedes Board Order No. 80-69 and Addendum No. 1 of said Order.

I, Arthur Swajian, Executive Officer, do hereby certify that 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 18, 1981.

  
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Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 81-92  
FOR  
COACHELLA VALLEY WATER DISTRICT  
LA QUINTA HOTEL SEWAGE DISPOSAL FACILITIES  
La Quinta - Riverside County

Locations: Septic Tank/Seepage Pit System: NE 1/4, NE 1/4 of Section 1, T6S,  
R6E, SBB&M

Sewage Lagoon, Settling Basin and Fodder Field: E 1/4, E 1/2 of Section 6,  
T6S, R7E, SBB&M.

MONITORING

Wastewater beneficially reused for fodder, fiber and seed crops shall be monitored for the following:

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Settleable Solids	ml/l	Grab	Weekly
Quantity of wastewater used for crop irrigation	Gallons/day	Flow Measurement	Daily*
Dissolved oxygen	mg/l	Grab	Weekly

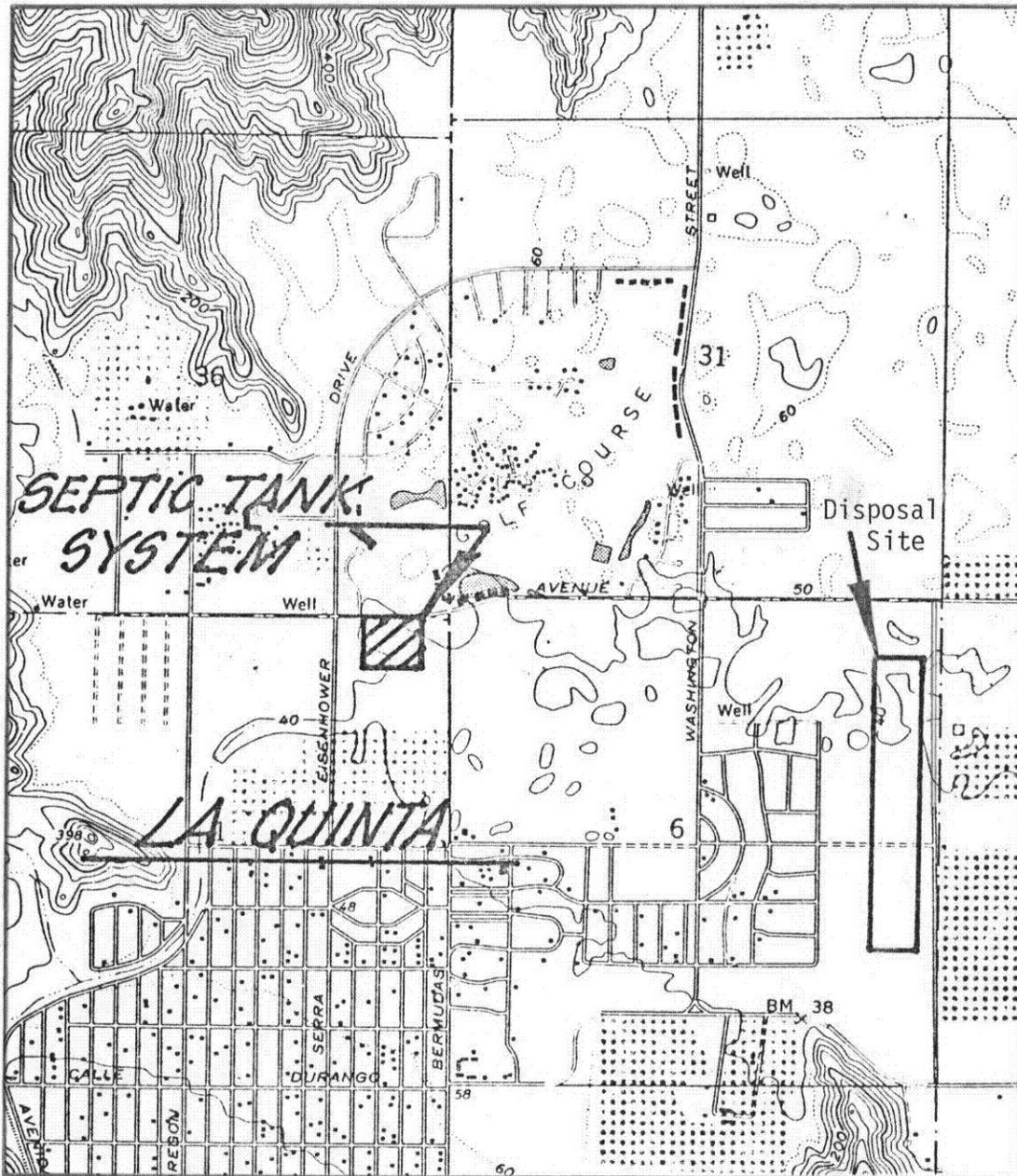
\*For each day with average monthly flow calculated.

REPORTING

Monitoring data shall be submitted to the Regional Board by the 15th of the following month for both daily and weekly reports.

The discharger shall implement the above monitoring program within one week of the commencement of discharge.





SITE MAP  
COACHELLA VALLEY WATER DISTRICT  
LA QUINTA HOTEL SEWAGE DISPOSAL FACILITIES  
La Quinta - Riverside County

Discharge Locations: NE 1/4, NE 1/4 of Section 1, T6S, R6E, SBB&M  
E 1/4, E1/2 of Section 6, T6S, R7E, SBB&M  
USGS La Quinta 7.5 min. Topographic Map