

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
COLORADO RIVER BASIN REGION

ORDER NO. 90-036

WASTE DISCHARGE REQUIREMENTS  
FOR  
COACHELLA VALLEY WATER DISTRICT  
MID-VALLEY WASTEWATER RECLAMATION FACILITY  
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), 85-820 Coachella Heights, P. O. Box 1058, Coachella, California 92236 submitted a report of waste discharge dated February 21, 1990.
2. The discharger proposes to discharge a maximum of 5 million gallons-per-day (mgd) of wastewater from an adjacent wastewater treatment plant into five unlined earthen basins for final disposal by evaporation and infiltration. These basins are located in W 1/2 Section 2, T7S, R8E, SBB&M as indicated on the attached site map. The discharge to the basins will occur only during routine maintenance, power outages and other emergencies at the adjacent treatment plant.
3. The wastewater treated at the adjacent plant is discharged to the Coachella Valley Stormwater Channel under waste discharge requirements prescribed in Board Order No. 90-024 (NPDES No. CA0104973).
4. About four percent by volume of the proposed discharge to the earthen basins is currently subject to waste discharge requirements prescribed in Board Order No. 86-011.
5. The Water Quality Control Plan for the Colorado River Basin Region of California designates the beneficial uses of ground and surface waters in this Region.
6. The beneficial uses of ground waters in the Coachella Hydrologic Subunit are:
  - a. Municipal supply (MUN)
  - b. Industrial supply (IND)
  - c. Agricultural supply (AGR)

However, shallow ground water at the location of discharge is semi-perched, influenced by agricultural operations, enters nearby irrigation drains and flows to Salton Sea.

*01-2093  
Rescinded*

7. The discharger reports that there are no water supply wells within 1000 feet of the infiltration basins.
8. The Board has notified the discharger and all known interested agencies and persons of its intent to prescribe waste discharge requirements for this discharge.
9. The Board in a public meeting heard and considered all comments pertaining to this discharge.
10. Coachella Valley Water District adopted a Negative Declaration (State Clearinghouse No. 89020259) for this project on April 26, 1988. The Negative Declaration indicates that this project will not have a significant adverse effect on the quality of contiguous ground or surface waters.

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

A. Specifications

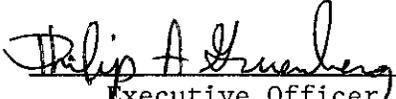
1. The treatment or disposal of wastes at this facility shall not cause pollution or nuisance as defined in Sections 13050(1) and 13050(m) of Division 7 of the California Water Code.
2. A minimum depth of freeboard of two (2) feet shall be maintained at all times in the basins.
3. Treated or untreated sludge, or similar solid waste materials, shall be disposed only at locations approved by the Regional Board's Executive Officer.
4. Adequate measures shall be taken to assure that unauthorized persons are effectively excluded from contact with the wastewater.
5. 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.
6. The discharge of wastewater shall be confined to land owned or controlled by the discharger and there shall be no discharge to any drainage channel except as set forth in Finding No. 3 of this Order.
7. Treatment and disposal by ponding shall be conducted in such manner that there shall be no stranded or exposed sewage solids.
8. Facilities shall be available to keep the plant in operation in the event of commercial power failure.
9. Treatment and discharge of wastewater shall be conducted by technical procedures which will maintain a surface aerobic environment.

B. Provisions

1. Prior to any modifications in this facility which would result in material change in the quality or quantity of wastewater treated or discharged, or any material change in the location of discharge, the discharger shall report all pertinent information in writing to the Regional Board.
2. The discharger shall comply with "Monitoring and Reporting Program No. "90-036, and future revisions thereto, as specified by the Regional Board's 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 Board Order to the succeeding owner or operator, and file a copy of the transmittal letter with this Board.

IT IS FURTHER ORDERED that Board Order No. 86-011 be superseded by this Board Order.

I, Philip A. Gruenberg, 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, 1990.

  
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Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 90-036  
FOR  
COACHELLA VALLEY WATER DISTRICT  
MID-VALLEY WASTEWATER RECLAMATION FACILITY  
Riverside County

Location of Discharge: W 1/2, Section 2, T7S, R8E, SBB&M

MONITORING

In the event of a routine maintenance and/or emergency discharge of wastewater to the basins, Coachella Valley Water District shall:

1. Prior to discharge, inspect the standby basins and report on the integrity of said basins (Telephone Number (619) 346-7491).
2. Estimate the average daily flow to the basins and the duration of discharge. This information is to be reported monthly.

REPORTING

Monitoring reports for each month shall be submitted to the Regional Board by the 15th day of the following month (whether or not wastewater is being discharged to the basins).

Submit monitoring reports to:

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

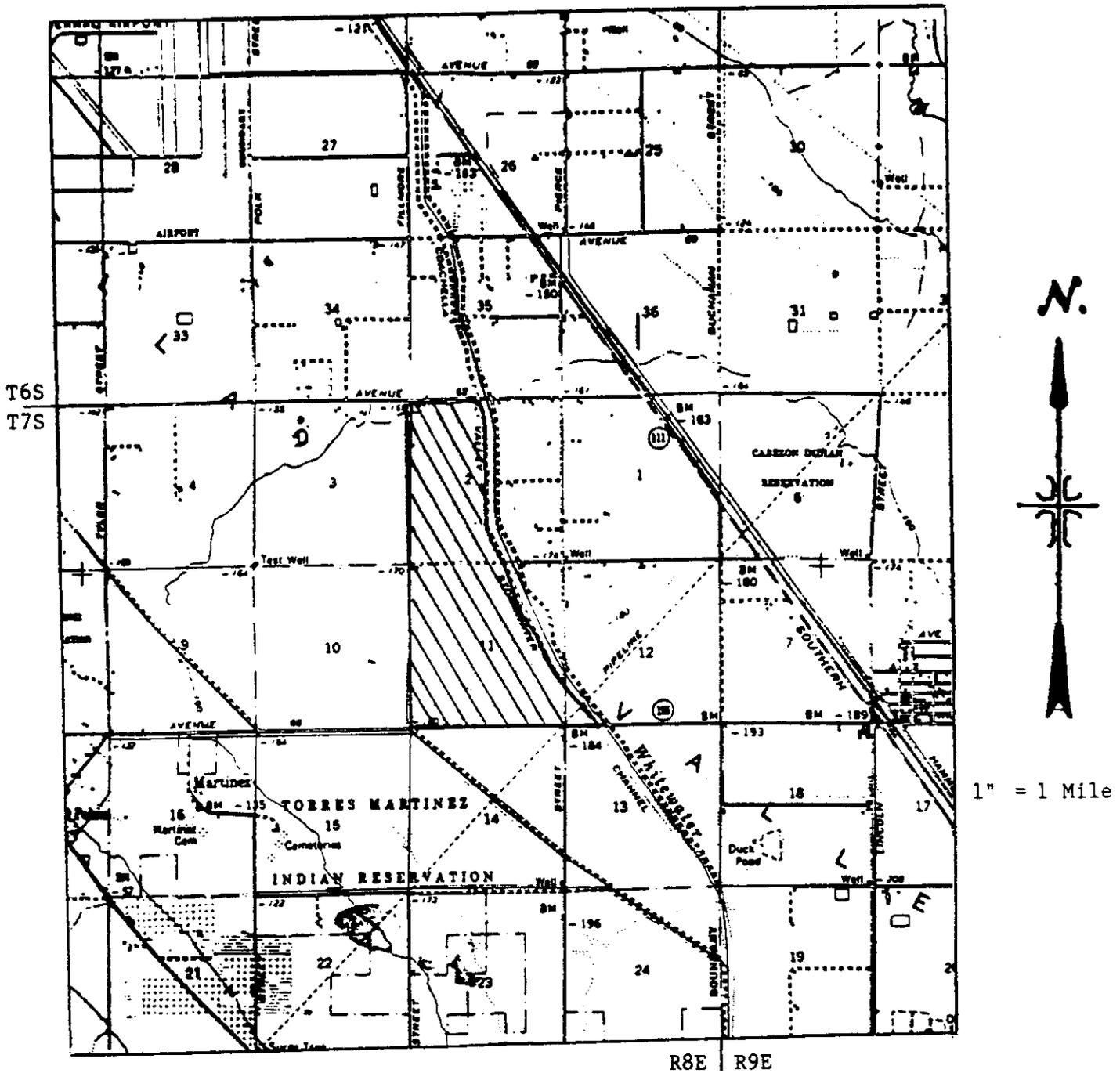
ORDERED BY:

  
Executive Officer

May 16, 1990

Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD - 7



SITE MAP  
COACHELLA VALLEY WATER DISTRICT  
MID-VALLEY WASTEWATER RECLAMATION FACILITY  
Riverside County  
Location of Discharge: W 1/2, Section 2, T7S, R8E, SBB&M  
USGS Coachella 15 min. Topographic Map

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