

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

ORDER NO. 90-032

WASTE DISCHARGE REQUIREMENTS
FOR
BORREGO WATER DISTRICT
RAM'S HILL WASTEWATER TREATMENT PLANT
Borrego Springs - San Diego County

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

1. Borrego Water District (hereinafter also referred to as the discharger), P.O. Box 1870, Borrego Springs, California 92004, supplied the updated information on the discharge of waste on January 12, 1990.
2. The discharger presently is discharging a maximum daily flow of 50,000 gallons-per-day of domestic wastewater from an activated sludge type treatment plant which is designed for an average daily flow of 250,000 gallons-per-day. The treated wastewater is discharged into three (3) infiltration basins. The discharge site is located in the E½ of Section 23, T11S, R6E, SBB&M.
3. This discharge has been subject to waste discharge requirements adopted in Board Order No. 85-035.
4. 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.
5. The beneficial uses of ground waters in the Anza-Borrego Hydrologic Unit are:
 - a. Municipal supply (MUN)
 - b. Industrial supply (IND)
 - c. Agricultural supply (AGR)
6. There are no domestic wells within 500 feet of the discharge facilities described in Finding No. 2, (above).
7. The Board has notified the discharger and all known interested agencies and persons of its intent to update waste discharge requirements for this discharge.
8. The Board in a public meeting heard and considered all comments pertaining to this discharge.

RESCINDED BY
BOARD ORDER NO. 87-2007-0053
09/19/2007

9. In accordance with Section 15301, Chapter 3, Title 14, of the California Code of Regulations, the issuance of these waste discharge requirements, which govern the operation of an existing facility involving negligible or no expansion of use beyond that previously existing, is exempt from the provisions of the California Environmental Quality Act (Public Resources Code, Section 21000 et seq.).

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

1. Representative samples of wastewater effluent discharged to any holding and/or infiltration basins treatment facilities shall not contain constituents in excess of the following limits:

<u>Constituent</u>	<u>Unit</u>	<u>30-Day Arithmetic Mean Discharge Rate¹</u>	<u>7-Day Arithmetic Mean Discharge Rate²</u>
20°C BOD ₅	mg/l	30	45
Suspended Solids	mg/l	30	45

2. 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.
3. No wastewater other than domestic wastewater shall be discharged into the sewage disposal system described in Finding No. 2 (above).
4. A minimum depth of freeboard of two (2) feet shall be maintained at all times in each infiltration/holding basin.
5. Treated or untreated sludge, or similar solid waste materials, shall be disposed only at locations approved by the Regional Board's Executive Officer.
6. Adequate measures shall be taken to assure that unauthorized persons are effectively excluded from contact with the wastewater.
7. 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.
8. There shall be no surface flow of wastewater away from the designated disposal areas.

¹ 30-day mean: The arithmetic mean of pollutant parameter values of samples collected in a period of 30 consecutive days.

² 7-day mean: The arithmetic mean of pollutant parameter values of samples collected in a period of 7 consecutive days.

9. Disposal by ponding shall be conducted in such a manner that there shall be no stranded or exposed sewage solids.
10. A surface aerobic environment shall be maintained in each basin.
11. Infiltration facilities (basins) shall be maintained and operated so as to maximize infiltration and minimize the increase in salinity of the infiltrating wastewater by evaporation.
12. Facilities shall be available to keep the plant in operation in the event of commercial power failure.
13. 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.
14. The discharger's wastewater treatment plant shall be supervised and operated by persons possessing certification of appropriate grade pursuant to Subchapter 4, Chapter 4, Title 23 of the California Code of Regulations.
15. The discharger shall implement acceptable operational and maintenance practices at the wastewater treatment plant so that needed repairs and maintenance are performed in a timely manner.
16. The discharger shall comply with "Monitoring and Reporting Program No. 90-032", and future revisions thereto, as specified by the Regional Board's Executive Officer.
17. 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.
18. Prior to any change in ownership or management of this operation, the discharger shall transmit a copy of this Board Order to the succeeding owner/operator, and forward a copy of the transmittal letter to the Regional Board.

IT IS FURTHER ORDERED that Board Order No. 85-035 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 March 14, 1990.


Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
 COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 90-032
 FOR
 BORREGO WATER DISTRICT
 RAM'S HILL WASTEWATER TREATMENT PLANT
 Borrego Springs - San Diego County

Location of Discharge: E½, Section 23, T11S, R6E, SBB&M

EFFLUENT MONITORING

1. Wastewater discharged from the 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
Flow	Gals/day	Flow Measurement	Daily ¹

2. Wastewater contained in holding and/or infiltration basins shall be monitored for the following:

Total Dissolved Solids	mg/l	8-Hr. Composite	Quarterly
Total Nitrogen (N)	mg/l	8-Hr. Composite	Quarterly

WATER SUPPLY TO THE COMMUNITY

1. 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	Annually
Chloride (Cl)	mg/l	Grab	Annually
Nitrate Nitrogen (N)	mg/l	Grab	Annually
Sulfate (SO ₄)	mg/l	Grab	Annually
Fluoride (F)	mg/l	Grab	Annually

SEWAGE SLUDGE

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

¹ Reported for each day with average monthly flow calculated.

OPERATION AND MAINTENANCE

Activity

To inspect and document any operational and maintenance problems by reviewing each unit process.

Reporting

Yearly

REPORTING

Monthly and daily monitoring reports shall be submitted to the Regional Board by the 15th day of the following month. Quarterly monitoring reports shall be submitted to the Regional Board by January 15, April 15, July 15, and October 15 of each year. Annual reports shall be submitted by January 15 of the following year.

Submit monitoring reports to:

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

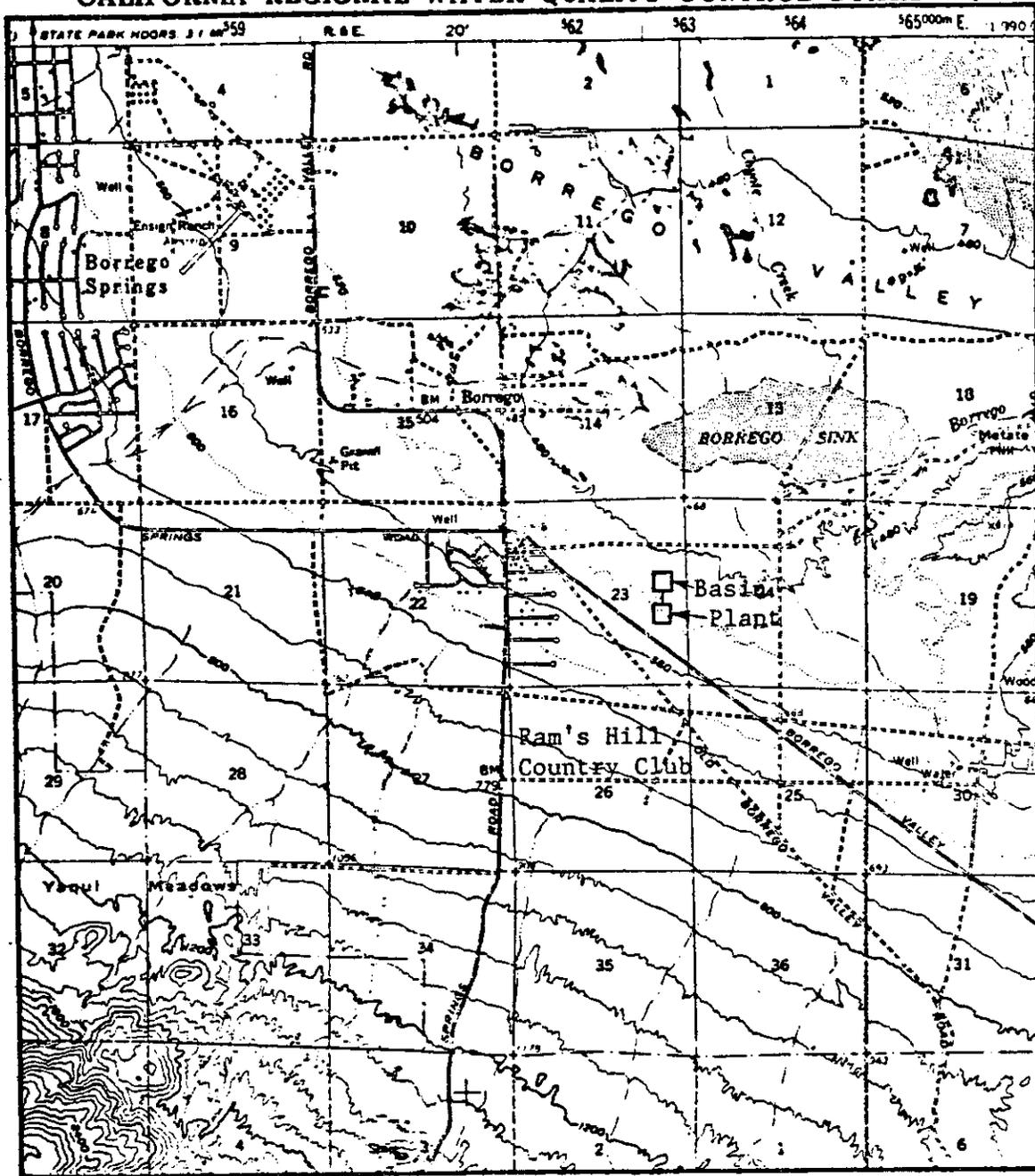
ORDERED BY:

Philip A. Gumberg
Executive Officer

March 14, 1990

Date

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SITE MAP

BORREGO WATER DISTRICT
 RAM'S HILL WASTEWATER TREATMENT PLANT
 Borrego Springs - San Diego County
 E½ of Section 23, T11S, R6E, SBB&M
 USGS Borrego 15 min. Topographic Map