

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

ORDER NO. 77-33

WASTE DISCHARGE REQUIREMENTS
FOR
BUREAU OF RECLAMATION SEWAGE TREATMENT PLANT
Parker Dam Area- San Bernardino County

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

1. U.S. Dept. of Interior, Bureau of Reclamation, Parker Dam, CA 92267, submitted a Report of Waste Discharge dated March 2, 1977.
2. The discharger is discharging an average of 17,000 gallons per day of domestic sewage into an extended aeration activated sludge plant that serves a current population of 165 in the Parker Dam Area. The plant is designed for a maximum flow of 30,000 gallons-per-day. The treated effluent from the plant is discharged into infiltration basins which are situated more than 200 feet from the Colorado River. This wastewater disposal site is located in the NW $\frac{1}{4}$, Section 10, T2N, R27E, SBB&M. Backwash water from the water treatment plant is also discharged at said sewage treatment plant.
3. The discharge of wastewater from this facility has been subject to waste discharge requirements adopted in Board Resolution No. 69-21.
4. The Water Quality Control Plan for the East Colorado River Basin was adopted by the Board on April 10, 1975, and this Order implements the objectives stated in the Plan.
5. The beneficial uses of the groundwaters of the Colorado Hydrologic Unit are:
 - a. Municipal supply
 - b. Industrial supply
 - c. Agricultural supply
6. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the proposed discharge.
7. The Board in a public meeting heard and considered all comments pertaining to the proposed discharge.

*Superseded
by 84-99
09/19/94*

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

A. Discharge Specifications.

1. Neither the treatment nor the discharge of wastewater shall cause a pollution or a nuisance.
2. No wastewater other than domestic sewage and water treatment plant backwash water shall be discharged at this location.
3. A minimum depth of freeboard of at least two feet shall be maintained in the infiltration basins.
4. There shall be no discharge of sewage within 200 feet laterally from the regulated high-water line of the Colorado River or within 200 feet of any domestic water well.
5. Adequate protective works shall be provided to assure that flood or surface drainage waters do not erode or otherwise render the discharge facilities inoperable.
6. There shall be no surface flow of wastewater away from the discharge facilities.
7. Disposal by ponding shall be conducted in such a manner that there shall be no stranded or exposed sewage solids.
8. Treated or untreated sludge, or similar solid waste materials, shall be disposed in such manner that these materials shall not enter the Colorado River or any channel which drains to the River.
9. Adequate measures shall be taken to assure that unauthorized persons and animal pets are effectively excluded from contact with the discharge.
10. Facilities shall be available to keep the plant in operation in the event of commercial power failure.
11. Infiltration and holding facilities shall be maintained and operated so as to maximize infiltration and minimize the increase in salinity of the wastewater discharge.
12. The maximum daily flow shall not exceed 30,000 gallons per-operating-day.
13. The 5-day, 20°C biochemical oxygen demand of wastewater delivered to any infiltration basin shall not exceed 40 mg/l.

14. The increase of chemical constituents in the discharged wastewater over that contained in the water supply to the community shall not exceed the following increments:

<u>Constituents</u>	<u>Increments (mg/l)</u>
Total Filtrable Residue	300
Chloride (Cl)	50
Sulfate (SO ₄)	30

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 thereon to the Board.
2. The discharger shall comply with the "Monitoring and Reporting Program No. 77-33" and the "General Provisions for Monitoring and Reporting", and future revisions thereto, as specified by the Executive Officer.
3. 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.
4. This Order supersedes Board Resolution No. 69-21.

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 May 18, 1977.


Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 77-33 (REVISION NO. 1)
FOR
BUREAU OF RECLAMATION SEWAGE TREATMENT PLANT
Parker Dam Area - San Bernardino County

Location of Discharge: NW 1/4, Section 10, T2N, R27E, SBB&M

MONITORING

Wastewater which is to be delivered to infiltration basins shall be monitored for the following constituents:

<u>Constituent or Characteristic</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
20°C BOD ₅	mg/l	6-Hr. Composite	Quarterly
Total Dissolved Solids	mg/l	Grab	Quarterly
Chloride (Cl)	mg/l	Grab	Quarterly
Sulfate (SO ₄)	mg/l	Grab	Quarterly

SEWAGE SLUDGE

The discharger shall report quarterly on quantity, method, and location of sewage sludge discharge.

COMMUNITY WATER SUPPLY

The water supply to the community shall be monitored for the following constituents:

<u>Constituents</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
Sulfate (SO ₄)	mg/l	Grab	Annually

Monitoring reports 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.

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 Sevajian
Executive Officer

April 29, 1982
Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
 COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 77-33
 FOR
 BUREAU OF RECLAMATION SEWAGE TREATMENT PLANT
 Parker Dam Area - San Bernardino County

Location of Discharge: NW¼, Section 10, T2N, R27E, SBB&M

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<u>Constituent or Characteristic</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
20°C BOD ₅	mg/l	6-Hr. Composite	Quarterly
Flow Quantities	mgd	Average Daily	Reported Quarterly
Total Dissolved Solids	mg/l	Grab	Quarterly
Chloride (Cl)	mg/l	Grab	Quarterly
Sulfate (SO ₄)	mg/l	Grab	Quarterly

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Chloride (Cl)	mg/l	Grab	Annually
Sulfate (SO ₄)	mg/l	Grab	Annually

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Monitoring reports 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.

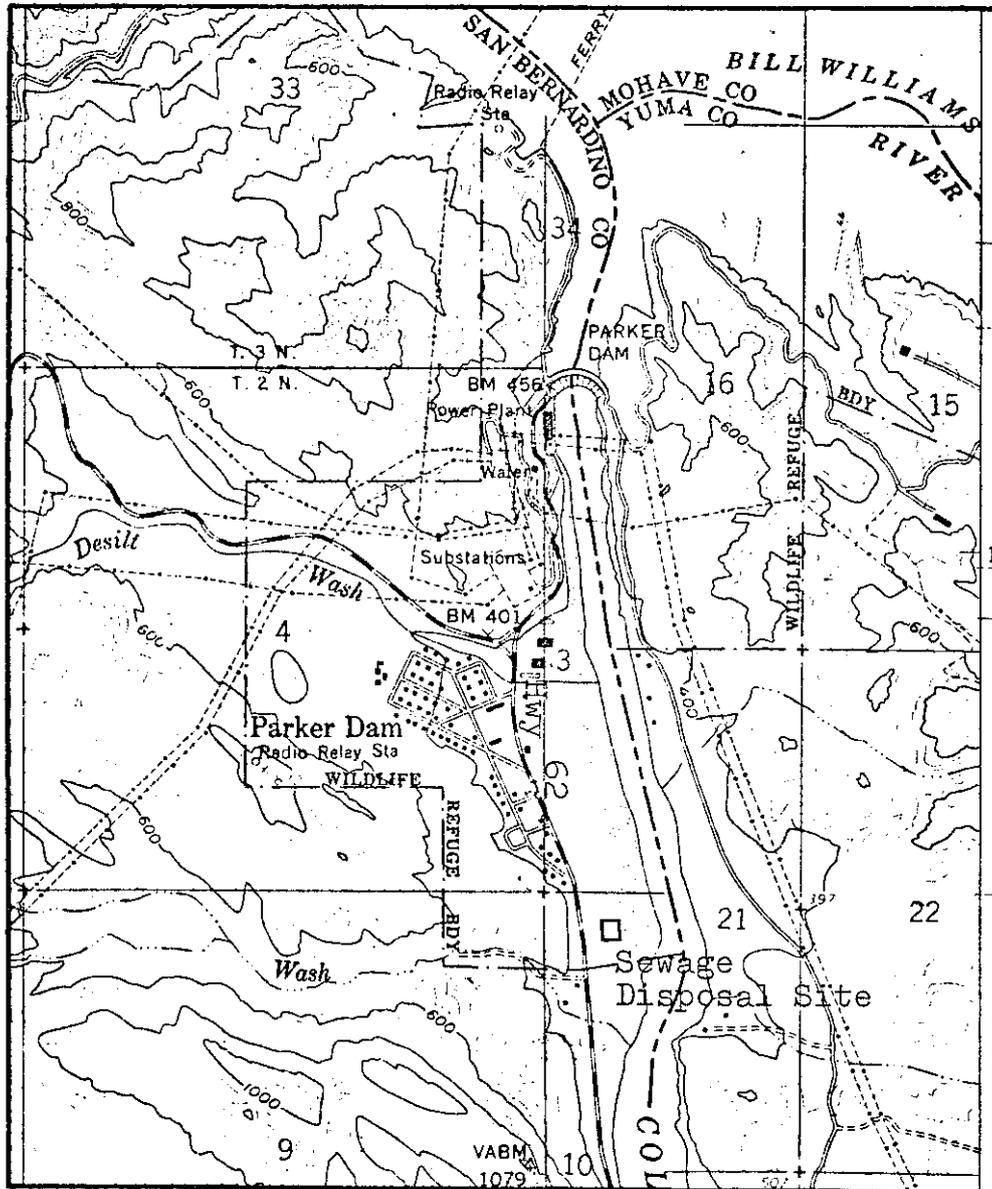
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Forward monitoring reports to:

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

ORDERED BY: *Arthur Levajian*
Executive Officer

May 18, 1977
Date



SITE MAP

BUREAU OF RECLAMATION SEWAGE TREATMENT PLANT
Parker Dam Area - San Bernardino County
NW $\frac{1}{4}$ of Section 10, T2N, R27E, SBB&M.
U.S.G.S. Gene Wash 7.5 min Topographic Map

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