

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

ORDER NO. 84-99

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. Department of the Interior, Bureau of Reclamation, Parker Dam, California, 92267, verified the below updated information on June 11, 1984.
2. The discharger is discharging a maximum of 23,000 gallons-per-day of domestic sewage into an extended aeration activated sludge treatment plant that serves a community with a maximum population of 200 from September until May 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 three infiltration basins which are situated more than 200 feet from the Colorado River during times of normal river flow. This wastewater disposal site is located in the NW $\frac{1}{4}$ of Section 10, T2N, R27E, SBB&M. Also, a small quantity of backwash water from the community water treatment plant is periodically discharged into this sewage treatment plant.
3. The discharge of wastewater from this facility has been subject to waste discharge requirements adopted in Board Order No. 77-33.
4. There are no domestic wells within 500 feet of the sewage disposal facilities described in Finding No. 2 (above).
5. During occasional periods of maximum operational river flow the wastewater disposal facilities are less than 200 feet from the high water line of the Colorado River. However, a two-foot berm around the site is proposed that would provide adequate flood protection.
6. The Water Quality Control Plan for the Colorado River Basin Region of California was adopted by the Regional Board on May 16, 1984. The Basin Plan contains water quality objectives for the Colorado Hydrologic Unit.
7. The beneficial uses of the ground water of the Colorado Hydrologic Unit are:
 - a. Municipal Supply
 - b. Industrial Supply
 - c. Agricultural Supply

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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. This sewage disposal facility 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 Division 7 of the California Water Code.
2. No wastewater other than domestic sewage shall be discharged at this location.
3. A minimum freeboard depth of at least two (2) feet shall be maintained in each basin.
4. Adequate measures shall be taken to assure that unauthorized persons and animal pets are effectively excluded from contact with the discharge.
5. Adequate protective works shall be provided to assure that flood or surface drainage waters do not erode or otherwise render the treatment and discharge facilities inoperable.
6. Treated or untreated sludge, or similar solid waste materials, shall not be discharged to or enter any drainage channels or Colorado River.
7. There shall be no surface flow of wastewater away from the discharge facilities, and there shall be no direct discharge to any drainage channel or to Colorado River.
8. Treatment and disposal by ponding shall be conducted in such manner that there shall be no stranded or exposed sewage solids.
9. Treatment and discharge of wastewater shall be conducted by technical procedures which will maintain a surface aerobic environment.
10. Infiltration facilities shall be maintained and operated so as to maximize infiltration and minimize the increase in salinity of the infiltrating wastewater.

The Board has notified the discharger and interested agencies of its intent to require waste discharge requirements for the discharge.

The Board in a public meeting heard and considered all comments pertaining to the discharge.

This waste disposal facility 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 that the discharger shall comply with the following:

Wastewater 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 shall be discharged at this location.

3. A minimum freboard depth of at least two (2) feet shall be maintained in each basin.

4. Adequate measures shall be taken to assure that unauthorized persons and animals are effectively excluded from contact with the discharge.

5. Adequate protective works shall be provided to assure that food or surface drainage waters do not erode or otherwise render the treatment and discharge facilities inoperative.

6. Treated or untreated sludge or similar solid waste materials shall not be discharged to or enter any drainage channels or Colorado River.

7. There shall be no surface flow of wastewater away from the discharge facilities, and there shall be no direct discharge to any drainage channel or to Colorado River.

8. Treatment and disposal by ponding shall be conducted in such manner that there shall be no stranded or exposed sewage solids.

9. Treatment and discharge of wastewater shall be conducted by technical procedures which will maintain a surface aquatic environment.

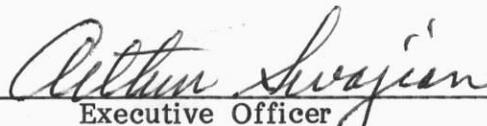
10. Infiltration facilities shall be maintained and operated as to maximize infiltration and minimize the increase in salinity of the infiltrating wastewater.

11. Standby power and pumping facilities shall be provided in the event of pump and/or commercial power failure.
12. The sewage disposal facilities shall not be located within 200 feet of the normal regulated high water line of the Colorado River.
13. The incremental increase of Total Dissolved Solids concentration in the discharged wastewater shall not exceed 400 mg/l above the flow weighted average of that concentration contained in the local water supply.
14. The maximum daily flow shall not exceed 30,000 gallons-per-operating day.
15. The 5-day 20°C biochemical oxygen demand of wastewater delivered to any infiltration basin shall not exceed 40 mg/l.

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 the location of the discharge, the discharger shall report in writing to the Regional Board.
2. This Order supersedes Board Order No. 77-33.
3. The discharger shall comply with "Monitoring and Reporting Program No. 84-99", and future revisions thereto, as specified by the Executive Officer.
4. The discharger's wastewater treatment plant shall be supervised and operated by persons possessing certification of appropriate grade pursuant to Chapter 3, Subchapter 14, Title 23, California Administrative Code.

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 September 19, 1984.


Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 84-99
FOR
BUREAU OF RECLAMATION SEWAGE TREATMENT PLANT
Parker Dam Area - San Bernardino County

Location of Discharge: NW $\frac{1}{4}$ of 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

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 constituent:

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Total Dissolved Solids	mg/l	Grab	Annually

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

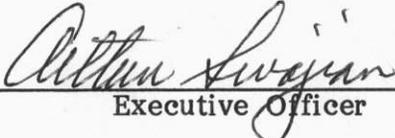
Annual reports - by January 15 of the following year.

Quarterly reports - by January 15, April 15, July 15, and October 15 of each year.

Forward monitoring reports to:

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

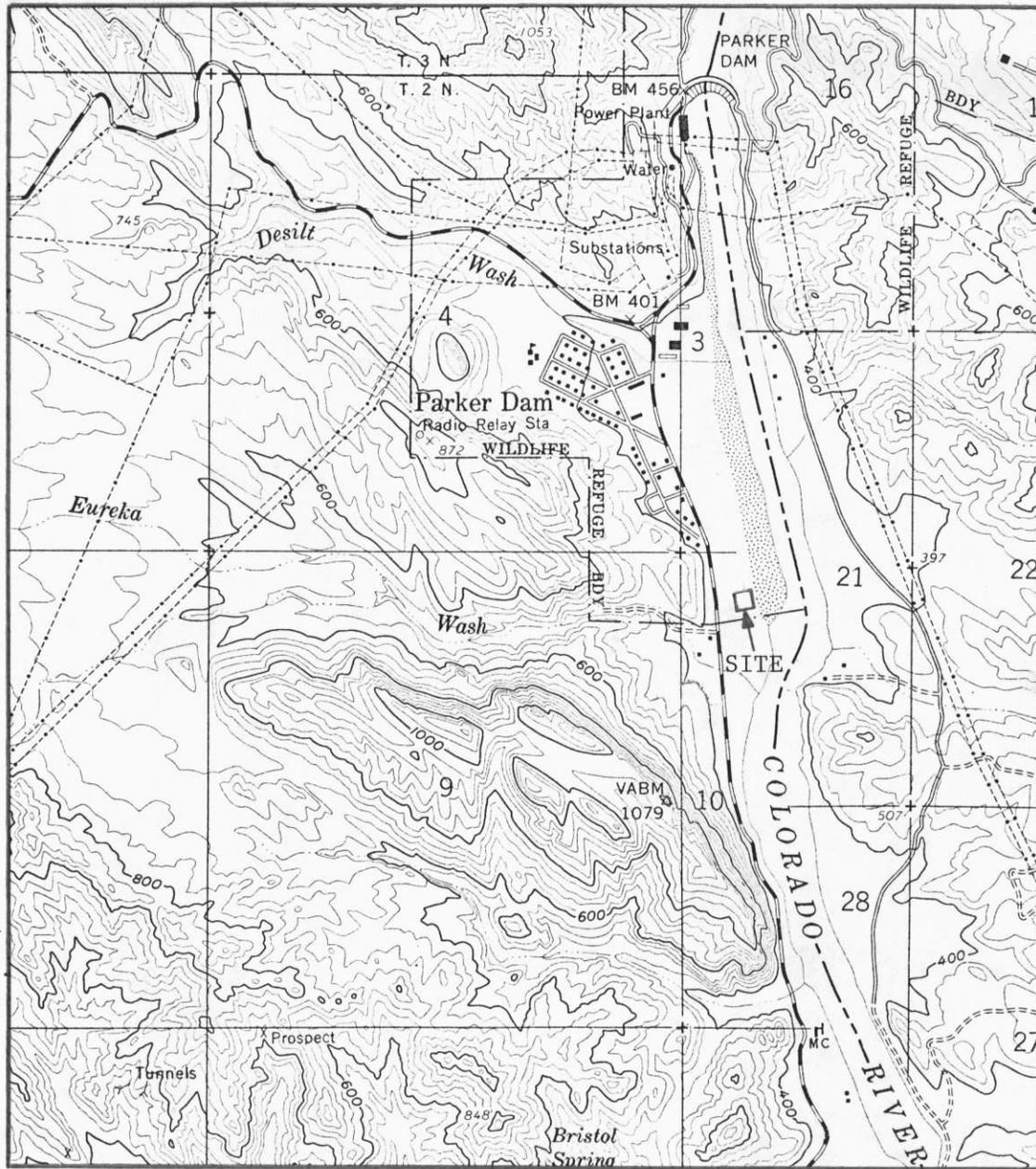
ORDERED BY:


Executive Officer

September 19, 1984

Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD - 7



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
USGS Gene Wash 7.5 min. Topographic Map