

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
COLORADO RIVER BASIN REGION

ORDER NO. 79-47

WASTE DISCHARGE REQUIREMENTS  
FOR  
CITY OF BLYTHE  
Riverside County

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

1. The City of Blythe, (hereinafter also referred to as the discharger), 220 North Spring Street, Blythe, California, 92225, submitted an updated Report of Waste Discharge dated February 7, 1979.
2. The discharger is presently discharging a maximum of 1.15 million gallons-per-day of domestic sewage from a population of about 9,200. The sewage is discharged into raw sewage lagoons for final disposal by evaporation and infiltration. The lagoons are located in the SE 1/4, SW 1/4, Section 5, T7S, R23E, SBB&M. A trickling filter plant is under construction, which would have a design flow of 1.5 million gallons-per-day, and would discharge to the lagoons described above, which would be utilized as infiltration basins only.
3. There are no domestic wells within 500 feet of the discharge facilities described in Finding No. 2, (above).
4. The discharge has been subject to waste discharge requirements adopted in Order No. 73-13 (Revised).
5. The Water Quality Control Plan for the East Colorado River Basin was adopted by the Board on April 10, 1975. The Basin Plan contains water quality objectives for the Colorado Hydrologic Unit.
6. The beneficial uses of the groundwaters of the Colorado Hydrologic Unit are:
  - a. Municipal supply
  - b. Industrial supply
  - c. Agricultural supply

*Superseded by  
87-11 -  
1/21/87*

7. The Board has notified the discharger and interested agencies and persons of its intent to update waste discharge requirements for the discharge.
8. The Board in a public meeting heard and considered all comments pertaining to the discharge.
9. The final Environmental Impact Report was prepared by the City of Blythe, dated December 1974, for these wastewater treatment and disposal facilities, and was approved by the State Water Resources Control Board, Division of Water Quality. The Regional Board has reviewed this report and has determined that this project would not have any significant adverse effects on water quality.

IT IS HEREBY ORDERED:

A. Discharge Specifications

1. Representative samples of wastewater discharged to infiltration basins shall not contain constituents in excess of the following limits:

<u>Constituent</u>	<u>Unit</u>	<u>30-Day Arithmetic Mean Dis- charge Rate</u>	<u>7-Day Arithmetic Mean Dis- charge Rate</u>
20° C BOD <sub>5</sub>	mg/l	30	45
Suspended Solids	mg/l	30	45
Settleable Matter	ml/l	0.3	0.5

2. The increase in concentration 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 Dissolved Solids	300
Chloride (Cl)	50
Sulfate (SO <sub>4</sub> )	40
Fluoride (F)	0.5

3. Sewage sludge shall not be discharged to any natural or artificial channel.

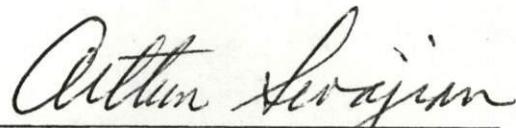
4. A minimum freeboard depth of at least two (2) feet shall be maintained at all times in all infiltration basins.
5. Facilities shall be available to keep the treatment plant in operation in the event of commercial power failure.
6. Facilities shall be available for measurement of wastewater flow.
7. Infiltration basins shall be maintained and operated so as to minimize the increase in total dissolved solids content of the infiltrating wastewater.
8. There shall be no surface flow of sewage away from the designated disposal areas.

B. Provisions

1. Neither the treatment nor the discharge of wastes shall cause a pollution or a nuisance, as defined in Division 7 of the California Water Code.
2. 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.
3. 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.
4. In the event of any change in control or ownership of land 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 includes the attached "Standard Provisions and Reporting Requirements".
6. This Order includes the attached "Monitoring and Reporting Program No. 79-47", and future revisions thereto, as specified by the Executive Officer.

7. 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.
8. This Order supersedes this Board's Order No. 73-13 (Revised).

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 July 11, 1979.

  
Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 79-47 (REVISION NO. 1)

FOR

CITY OF BLYTHE  
Riverside County

Location of Discharge: SE 1/4, SW 1/4, Section 5, T7S, R23E, SBB&M:

EFFLUENT MONITORING

Wastewater discharged to the infiltration basins shall be monitored for the following:

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
20°C BOD <sub>5</sub>	mg/l	24-Hr. Composite	Monthly
Suspended Solids	mg/l	24-Hr. Composite	Monthly
Settleable Matter	ml/l	Grab	Daily**
Flow (Total Plant Effluent)	Gallons/day	Flow Measurement	Daily*

Wastewater contained in infiltration basins shall be monitored for the following:

Total Dissolved Solids	mg/l	Grab	Quarterly
Sulfate (SO <sub>4</sub> )	mg/l	Grab	Quarterly
Chloride (Cl)	mg/l	Grab	Quarterly
Fluoride (F)	mg/l	Grab	Quarterly

\*For each day with average monthly flow calculated

\*\*Week days only

Water Supply to the Community

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
Sulfate (SO <sub>4</sub> )	mg/l	Grab	Annually
Fluoride (F)	mg/l	Grab	Annually

Sewage Sludge

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

REPORTING

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

Annual - by January 15 of the following year.

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

Monthly and Daily - by the 15th day of the following month.

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, California 92260

Ordered by

*Arthur Suvajian*  
\_\_\_\_\_  
Executive Officer

*January 30, 1981*  
\_\_\_\_\_  
Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 79-47  
FOR  
CITY OF BLYTHE  
Riverside County

Location of Discharge: SE 1/4, SW 1/4, Section 5, T7S, R23E, SBB&M

EFFLUENT MONITORING

Wastewater discharged to the infiltration basins shall be monitored for the following:

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
20°C BOD <sub>5</sub>	mg/l	8-Hr. Composite	Monthly
Suspended Solids	mg/l	8-Hr. Composite	Monthly
Settleable Matter	ml/l	Grab	Daily**
Flow (Total Plant Effluent)	Gallons/day	Flow Measurement	Daily*

Wastewater contained in infiltration basins shall be monitored for the following:

Total Dissolved Solids	mg/l	Grab	Quarterly
Sulfate (SO <sub>4</sub> )	mg/l	Grab	Quarterly
Chloride (Cl)	mg/l	Grab	Quarterly
Fluoride (F)	mg/l	Grab	Quarterly

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*Rev. Jan. 30, 1981*

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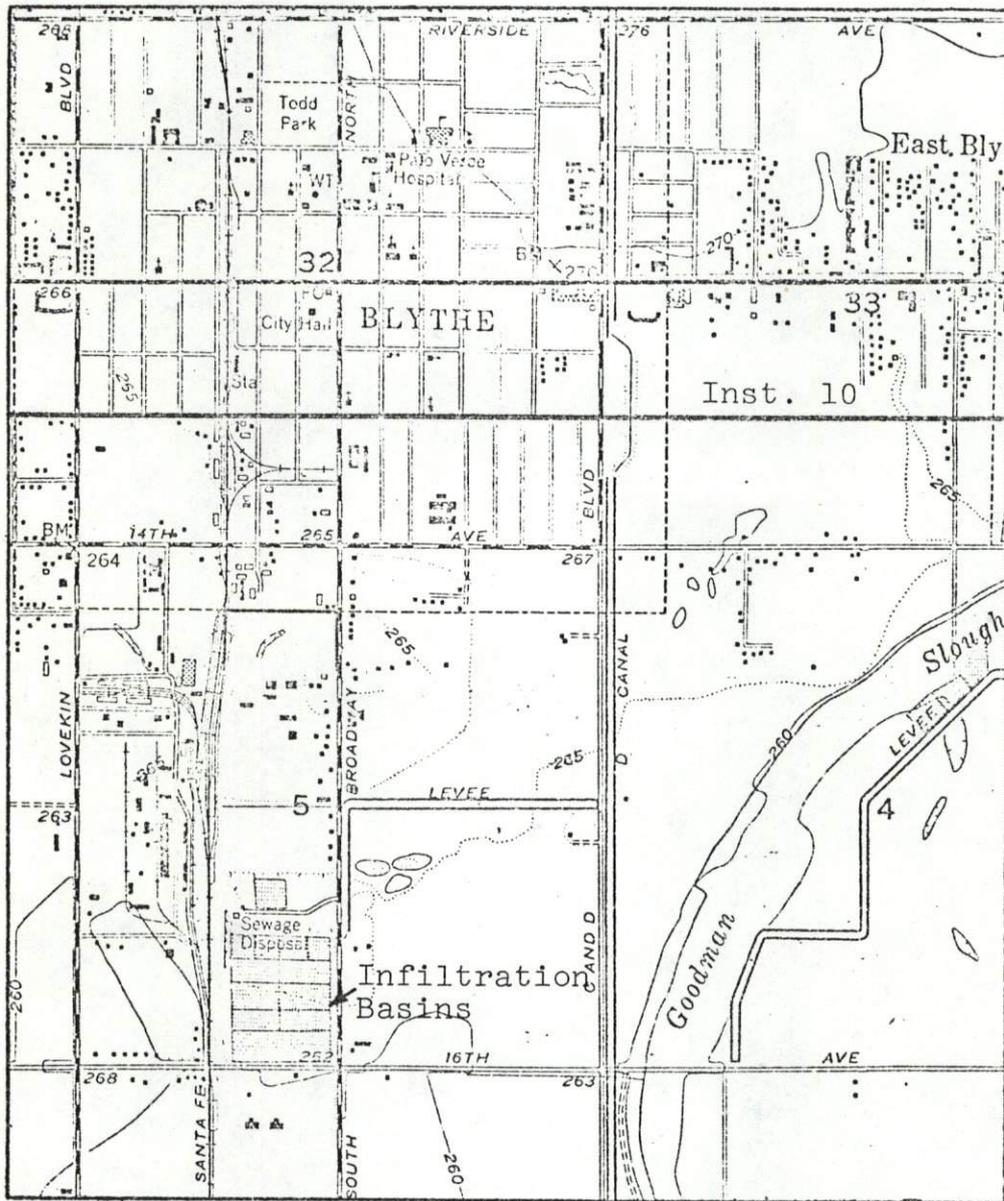
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73-271 Highway 111, Suite 21  
Palm Desert, California 92260

Ordered by: *Arthur Sevezian*  
Executive Officer

July 11, 1979  
Date



Scale  
1" = 2,000'

SITE MAP  
CITY OF BLYTHE  
Riverside County  
SE 1/4, SW 1/4 of Section 5, T7S, R23E, SBB&M  
USGS Blythe 7.5 min. Topographic Map

Order No. 79-47