

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

ORDER NO. 90-063

WASTE DISCHARGE REQUIREMENTS
FOR
RIVERSIDE COUNTY SERVICE AREA NO. 62
RIPLEY WASTEWATER TREATMENT FACILITY
Ripley - Riverside County

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

1. Riverside County Service Area No. 62 (hereinafter also referred to as the discharger), 4080 Lemon Street, 12th Floor, Riverside, California 92501, supplied the updated information on the discharge of waste on July 11, 1990.
2. The discharger is discharging a maximum daily flow of 35,000 gallons-per-day of domestic sewage from two (2) mechanically aerated lined basins into two (2) lined settling basins followed by four (4) infiltration basins for disposal. A tile underdrain system has been installed about eight feet below the bottom of the infiltration basins. The tile underdrain was designed to prevent the water table from rising. Any discharge from the tile underdrain system would be into the Township Drain which eventually flows into the Colorado River. However, there has been no observed flow to the Township Drain to date (since 1982). The facility is designed to treat 150,000 gallons-per-day of domestic sewage. The discharge site is located in the SE $\frac{1}{4}$ of the SE $\frac{1}{4}$ of Section 34, T7S, R22E, SBB&M.
3. This discharge has been subject to waste discharge requirements adopted in Board Order No. 85-050.
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. There are no domestic wells within 500 feet of the discharge facilities described in Finding No. 2, (above).
6. The beneficial uses of ground waters in the Colorado Hydrologic Unit are:
 - a. Municipal supply (MUN)
 - b. Industrial supply (IND)
 - c. Agricultural supply (AGR)

However, shallow ground waters in the vicinity of the discharge location are saline.

SUPERSEDED BY
BOARD ORDER NO. 91-0003-0012
05-07-03

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.
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.).

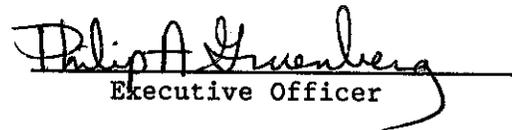
IT IS HEREBY ORDERED, that the discharger shall comply with the following specifications:

1. 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. No wastewater other than domestic wastewater shall be discharged into the sewage disposal system described in Finding No. 2, (above).
3. A minimum depth of freeboard of two (2) feet shall be maintained at all times in each aeration and settling basin.
4. Treated or untreated sludge, or similar solid waste materials, shall be disposed only at locations approved by the Regional Board's Executive Officer.
5. Adequate measures shall be taken to assure that unauthorized persons are effectively excluded from contact with the wastewater.
6. 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.
7. There shall be no surface flow of wastewater away from the designated disposal areas.
8. Disposal by ponding shall be conducted in such a manner that there shall be no stranded or exposed sewage solids.
9. A surface aerobic environment shall be maintained in each basin.
10. 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.
11. Facilities shall be available to keep the plant in operation in the event of commercial power failure.

12. The discharger shall comply with "Monitoring and Reporting Program No. 90-063," and future revisions thereto, as specified by the Regional Board's Executive Officer.
13. 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.
14. 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. 85-050 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 September 19, 1990.


Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

MONITORING AND REPORTING PROGRAM NO. 90-063
FOR
RIVERSIDE COUNTY SERVICE AREA NO. 62
RIPLEY WASTEWATER TREATMENT FACILITY
Ripley - Riverside County

Location of Discharge: SE $\frac{1}{4}$, SE $\frac{1}{4}$ of Section 34, T7S, R22E, SBB&M

MONITORING

Wastewater discharged into infiltration basins shall be monitored for the constituents indicated below:

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
1. Total Dissolved Solids	mg/l	Grab	Annually
2. pH	----	Grab	Annually
3. Estimated Volume of Daily Discharge	Gallons/Day	Flow Measurement	Daily

EFFLUENT MONITORING

Wastewater discharged into Township Drain from the tile underdrain system shall be monitored as follows:

1. Visual observation of the outlet of the tile underdrain system shall be made at least twice per week to determine if there is a flow into Township Drain. Observation dates and results shall be recorded and reported monthly. If a flow is noted, the quantity of discharge shall be estimated and recorded.
2. A sample for bacteriological analysis shall be taken at the first observance of flow into Township Drain from the tile underdrain system. Thereafter, a sample for bacteriological analysis shall be taken at least once per month when there is an observed flow into the Township Drain. Dilution shall be made to determine a total coliform and fecal coliform Most Probable Number (MPN) range of 23 to 230,000 per 100 ml.

WATER SUPPLY TO THE COMMUNITY

The water supply shall be monitored for the following constituent. The sample analyzed shall be a weighted average of all sources.

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

OPERATION AND MAINTENANCE

<u>Activity</u>	<u>Reporting</u>
To inspect and document any operational and maintenance problems by reviewing each unit process.	Yearly

REPORTING

1. Monthly and daily monitoring reports shall be submitted to the Regional Board by the 15th day of the following month. 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

2. Immediately report to this office by telephone and follow-up letter any failures of the sewerage system.

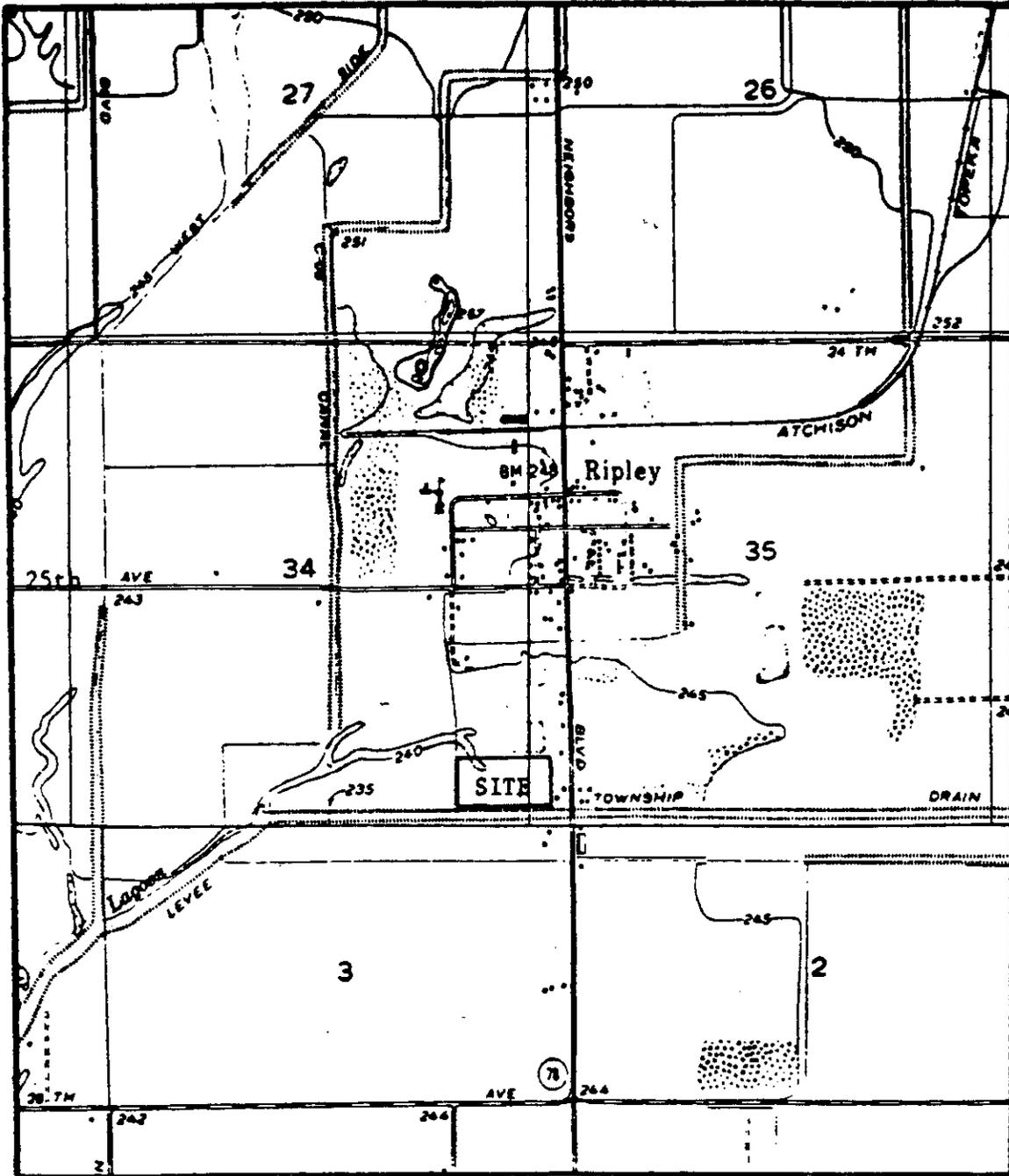
ORDERED BY:

Philip A. Greenberg
Executive Officer

September 19, 1990

Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD -7



SITE MAP

RIVERSIDE COUNTY SERVICE AREA NO. 62
RIPLEY WASTEWATER TREATMENT FACILITY
Ripley - Riverside County
Portion of the SE $\frac{1}{4}$, SE $\frac{1}{4}$ of Section 34, T7S, R22E, SBB&M
USGS Ripley 7.5 min. Topographic Map