

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

ORDER NO. 72-49

WASTE DISCHARGE REQUIREMENTS  
FOR  
SAN RAFAEL SANITATION DISTRICT  
MARIN BAY PLANT  
MARIN COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region, finds that:

- A. This Regional Board prescribed requirements for waste discharged by the San Rafael Sanitation District, called the discharger below, at its Marin Bay Plant in Resolution No. 70-47, adopted May 28, 1970.
- B. The discharger submitted a report of waste discharge dated December 6, 1971 which proposed an increase in capacity from 0.16 million gallons per day (mgd) to 0.48 mgd.
- C. The discharge is 0.092 mgd of sewage only, in dry weather, from 1200 people. The design capacity will be 0.480 mgd discharged through a 12-inch outfall into shallow waters of San Pablo Bay, 650 feet beyond the mean lower low water line.
- D. The Board adopted an Interim Water Quality Control Plan for the San Francisco Bay Basin on June 14, 1971.
- E. The beneficial uses of San Pablo Bay are:
  - Water-skiing, wading, pleasure boating, marinas, fishing, shellfishing, and hunting
  - Fish, shellfish, and wildlife propagation and sustenance, and waterfowl and migratory birds habitat and resting
  - Navigation channels
  - Esthetic enjoyment.It is the intent of this Board to protect shellfishing as a beneficial use; however, this use will not be protected until this discharge is removed from its present location.
- F. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the proposed discharge.

G. The Board, in a public meeting on July 25, 1972, heard and considered all comments pertaining to the discharge.

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

A. Waste Discharge Specifications

1. The treatment or disposal of waste shall not create a nuisance as defined in Section 13050(m) of the California Water Code.
2. The discharge shall not cause:
  - a. Floating, suspended, or deposited macroscopic particulate matter or foam in waters of the State at any place;
  - b. Bottom deposits at any place;
  - c. Alteration of temperature or apparent color beyond present natural background levels in waters of the State at any place;
  - d. Visible, floating, suspended or deposited oil or other products of petroleum origin in waters of the State at any place;
  - e. Waters of the State to exceed the following limits of quality at any point:

pH	0.1 pH unit, maximum change from natural ambient
Dissolved oxygen	5.0 mg/l minimum Annual median - 80% saturation  When natural factors cause lesser concentrations, then this discharge shall not cause further reduction in the concentration of dissolved oxygen.
Dissolved sulfide	0.1 mg/l maximum
Nutrients	50 ug chlorophyll a/l  When background levels exceed this requirement, then this discharge shall not add further nutrients.
Other substances	Any one or more substances in concentrations that impair any of the protected beneficial water uses or make aquatic life or wildlife unfit or unpalatable for consumption.



5. The mean daily discharge of waste for any seven consecutive days shall not exceed 0.48 million gallons per day.

B. Discharge Prohibitions

1. Bypassing of untreated sewage is prohibited.
2. The discharge of waste shall be prohibited in accordance with the time schedule hereinafter set forth.

C. Provisions

1. This Order includes items numbered 1, 2, 6 and 7 of the attached "Reporting Requirements" dated August 28, 1970.
2. This Order includes items numbered 1, 2, 3, 4, 5, 6 and 7 of the attached "Notifications" dated January 6, 1970.
3. This Order supersedes any and all previous discharge requirements for the San Rafael Sanitation District's Marin Bay Plant.
4. The discharger shall comply with the following time schedule to assure compliance with the discharge prohibitions of this order:

<u>TASK</u>	<u>COMPLETION DATE</u>	<u>STATUS REPORT DATE</u>
Complete Conceptual Plan and submit time schedule consistent with the North Marin-South Sonoma Subregional Plan for compliance with Prohibition B.2.	November 15, 1972	December 1, 1972

I, Fred H. Dierker, 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, San Francisco Bay Region, on July 25, 1972.

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Executive Officer