

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 71-14

WASTE DISCHARGE REQUIREMENTS
FOR
RICHARDSON BAY SANITARY DISTRICT
TIBURON, MARIN COUNTY

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

1. This Board prescribed requirements for the Richardson Bay Sanitary District, called the discharger below, in Resolution No. 228 on November 15, 1956.
2. The discharges include:

Waste "A" is 0.2 mgd of sewage only, in dry weather, from 2800 people, and discharges through rocks at the shoreline of Richardson Bay. Design capacity of the plant is 0.3 mgd to serve a population of 4200 people.

Wastes "B" are wet weather untreated sewage bypasses to Richardson Bay or its tributaries from Hawthorne Terrace and Salt Works pumping stations and a manhole in Frontage Road at Belvedere Drive.

3. The Board adopted a water quality control plan for tidal waters inland from the Golden Gate and within the San Francisco Bay Region on March 26, 1970.
4. The beneficial uses of Richardson Bay are:

Swimming, water-skiing, wading, pleasure boating, marinas, fishing and shellfishing

Fish, shellfish, and wildlife propagation and sustenance, and waterfowl and migratory birds habitat and resting

Navigation channels

Esthetic appeal.

5. Land within 1000 feet of the point of discharge for Waste "A" is used for transportation, business, residence and recreation. Mt. Tamalpais Game Refuge encompasses this area and along the shore of Strawberry peninsula, just opposite the discharge, is an area designated by Fish and Game as suitable for protecting as a shellfish bed.

6. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the discharge.
7. The Board in a public meeting February 25, 1971 heard and considered all comments pertaining to the discharge.

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

A. Waste Discharge Requirements

1. The treatment or disposal of waste shall not create a nuisance as defined in Section 13050(m) of the California Water Code.
2. Waste "A" shall not cause:
 - a. Floating, suspended, or deposited macroscopic particulate matter or foam, in waters of the State at any place;
 - b. Bottom deposits or aquatic growths 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:

Dissolved oxygen	5.0 mg/l minimum
------------------	------------------

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 \times /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.
------------------	--

3. Waste "A" as discharged or at some point in the treatment process shall meet the following quality limits at all times:
 - a. The waste shall meet quality requirements equivalent to those which would result from conformance with Section 8047 of Title 17, California Administrative Code.
 - b. Coliform organisms 2.2 MPN/100 ml, moving median of seven consecutive daily samples, maximum.

4. Waste "A" as discharged to waters of the State shall meet these quality limits at all times:
 - a. In any grab sample:

pH	7.0 minimum
	8.5 maximum

 - b. In any representative 24-hour composite sample:
 - (1) Turbidity 10 units, maximum

 - (2) 5-day BOD 5 mg/l, median for any 30-day period
 10 mg/l, maximum

 - c. In any representative set of samples:

Toxicity: survival of test fishes in 96-hour bioassays of the waste as discharged

Any determination	70% minimum
Average of any three or more consecutive determinations made during any 21 or more days	90% minimum

5. The mean daily flow of Waste "A" for any month shall not exceed 0.3 mgd.
6. The bypassing of untreated sewage, Wastes "B", is prohibited.

B. Provisions

1. This Order includes items numbered 1, 2, 3, 4, 6 and 7 of the attached "Reporting Requirements" dated August 28, 1970.
2. This Order rescinds Resolutions Nos. 228, 42, 41 and 26.

71-14

3. This Order includes items numbered 1, 2, 3, 4, 5, 6 and 7 of the attached "Notifications" dated January 6, 1970.
4. This Order notifies the discharger that more restrictive requirements than the above may be imposed for the protection of shellfishing when information on the dispersion characteristics of the District's waste discharge has been analyzed.

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 February 25, 1971.

Executive Officer