

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 71-20

WASTE DISCHARGE REQUIREMENTS
FOR
CITY AND COUNTY OF SAN FRANCISCO
BAKER STREET FLOTATION FACILITY

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

1. The City and County of San Francisco, called the discharger below, submitted a report of waste discharge dated March 2, 1971.
2. The discharge will be treated sewage only, or sewage and stormwater through a nine-foot diameter outfall 8.34 feet below mean lower low water to San Francisco Bay, 135 feet from shore. Flows of up to 2.5 mgd of domestic sewage may be diverted during the testing period.
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 the San Francisco Bay are:

Swimming, wading, pleasure boating, marinas, fishing and shellfishing

Firefighting and industrial washdown

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

Navigation channels and port facilities

Esthetic enjoyment.
5. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the proposed discharge.
6. The Board, in a public meeting on March 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. 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 or aquatic growths at any place;
- c. Alteration of temperature, turbidity 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 place within one foot of the water surface:

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	to be prescribed at earliest practicable date
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.
Bacterial concentrations	in excess of a median value of 240 MPN coliform per 100 ml, as determined in any five consecutive samples collected at any one station, or any single sample to exceed an MPN coliform concentration of 10,000/100 ml at any time. Whenever either of these bacterial values is exceeded in the receiving water for any reason they shall both be met instead in the waste at some point in the treatment process, provided that at least one sample is

collected from each initial portion of waste to be discharged through the outfall. The discharger may demonstrate compliance in the waste stream as an optional alternative.

3. Waste 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 set of samples:

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

Any determination	70% minimum
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Average of any three or more consecutive determinations made during any 21 or more days	90% minimum
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c. In any grab sample:

Grease	25 mg/l maximum
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Settleable matter	1.0 ml/l/hr. maximum
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This Board considers these two limits to be goals rather than requirements and will consider requirements for settleable matter, grease and/or floatable matter after reviewing additional information on the costs and other information relative to the feasibility of compliance therewith.

4. All dry weather discharge from the sewer system to the Baker Street Flotation Facility or to its outfall is prohibited except for testing purposes during the period from March 25, 1971 to May 30, 1971.

B. Provisions

1. This Order includes items numbered 1, 4, 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. After the information obtained during the testing period has been reviewed, this Order will be revised to prescribe requirements for the discharge under normal operating conditions.

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 March 25, 1971.

Executive Officer