

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 72-95

WASTE DISCHARGE REQUIREMENTS
FOR
LAS GALLINAS VALLEY SANITARY DISTRICT
MARIN COUNTY

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

- A. The Regional Board prescribed requirements for the Las Gallinas Valley Sanitary District, called the discharger below, in Order No. 72-10 adopted March 28, 1972.
- B. The discharger submitted a report of waste discharge dated August 11, 1972, proposing a sewage treatment plant expansion and an increase in the quantity of waste discharge.
- C. The discharge includes:
 1. Waste "A" is presently approximately 2.1 million gallons per day (mgd) of sewage only, in dry weather, from 27,000 people. The expanded treatment plant's design capacity will be 3.0 mgd discharged through a 30" outfall into Miller Creek. The creek runs about 1-1/4 miles easterly into the shallow waters of San Pablo Bay and the tidal influence extends in Miller Creek to approximately 1/2 mile upstream from the outfall. The design capacity of the expanded treatment plant is 3.0 mgd, average dry weather flow.
 2. Waste "B" is untreated or partially treated sewage bypassing from the sewer system. Total peak wet weather flow is 4.5 to 5 times the present average dry weather flow.
- 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 Miller Creek and San Pablo Bay as set forth in the Interim Basin Plan include:

Fishing, hunting and in San Pablo Bay but not Miller Creek - boating

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

Esthetic appeal.

- F. The requirements hereinafter prescribed are necessary to implement the Basin Plan for San Francisco Bay, protect the beneficial uses of Miller Creek and San Pablo Bay, and prevent nuisance.
- G. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the discharge.
- H. The Board in a public meeting on October 26, 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. 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, 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 point:

*Dissolved oxygen	5.0 mg/l, minimum in San Pablo Bay beyond a radius of five hundred (500) feet from the mouth of Miller Creek
	2.0 mg/l, minimum in Miller Creek
Dissolved sulfide	0.1 mg/l, maximum
*Coliform organisms	240 MPN/100 ml, median of five consecutive samples, maximum
	10,000 MPN/100 ml, any single sample, maximum

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.

*This specification continued from Resolution No. 396.

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 human consumption.

3. Waste "A" as discharged to waters of the State shall meet these quality limits at all times:

- a. In any grab sample:

Residual chlorine 0.15 mg/l maximum

pH 7.0 minimum
 8.5 maximum

*Settleable matter 1.0 ml/l/hr., 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

Average of any three of
more consecutive deter-
minations made during
any 21 or more days 90% minimum

- c. *Any six-hour composite sample made up of portions collected at hourly intervals in proportion to rate of flow at time of collection:

5-day, 20° C BOD 55 mg/l maximum
Settleable matter 0.5 ml/l/hr. maximum
Total suspended matter 75 mg/l maximum

4. The mean daily flow of Waste "A" for any seven consecutive days shall not exceed 3.0 mgd.

B. Discharge Prohibitions

1. Discharge of Waste "B" is prohibited forthwith.
2. Discharge of Waste "A" is prohibited within 200 feet offshore from the extreme low water line.

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, and 6 of the attached "Notifications" dated January 6, 1970.

*This specification continued from Resolution No. 396.

3. This Order shall become effective when the discharger has completed the proposed plant enlargement and it becomes operational. At that time Order No. 72-10 is rescinded.
4. The discharger shall comply with the following time schedule to assure compliance with the discharge specifications or prohibitions of this Order:

<u>TASK</u>	<u>COMPLETION DATE</u>	<u>STATUS REPORT DATE</u>
a. Compliance with Prohibition B.1.	Forthwith	Every six months on April 30 and October 31
b. Maximize compliance with flow limit (Specification A.4) by completing program to eliminate maximum feasible amount of infiltration into sewer system and with toxicity (Specification 3.b.)	December 31, 1973	Every six months on April 30 and October 31
c. Complete Conceptual Plan and submit Time Schedule for compliance with Prohibition B.2. and Specification 3.b.	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 October 26, 1972.

Executive Officer