

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

ORDER NO. 71-44

WASTE DISCHARGE REQUIREMENTS  
FOR  
EAST BAY MUNICIPAL UTILITY DISTRICT  
SOBRANTE FILTER PLANT

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

- A. East Bay Municipal Utility District, called the discharger below, submitted a report of waste discharge dated August 4, 1964.
- B. The discharger is discharging the following waste into San Pablo Creek about 500 feet northwest of the intersection of San Pablo Road and Valley View Road in El Sobrante:
  1. Seven hundred thousand (700,000) gallons of waste consisting of filter back-wash water, sedimentation basin drainage and sedimentation basin blowoff from treatment of domestic water is discharged daily (Waste A) from facilities with a design capacity of 1,000,000 gallons per day.
  2. Two and six-tenths (2.6) million gallons of water from the sedimentation basin is discharged on four days of each month (Waste B).
- C. The beneficial uses of the waters of San Pablo Creek are:
  1. Drainage
  2. Esthetic enjoyment
- D. Land within the vicinity of the discharge is used for residence and transportation.
- E. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the discharge.
- F. The Board at a public meeting on June 24, 1971 heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, the East Bay Municipal Utility District shall comply with the following:

- A. Waste Discharge Requirements
  1. The disposal of wastes shall not create a nuisance as defined in Section 13050(m) of the California Water Code.

2. The discharges shall not cause:

- a. Floating, suspended, or deposited macroscopic particulate matter or foam in waters of the State at any place;
- b. Alteration of apparent color beyond present natural background levels in waters of the State at any place;
- c. Bottom deposits at any place;
- d. Aquatic growths at any place;
- e. Visible, floating, suspended or deposited oil or other products of petroleum origin in waters of the State at any place;
- f. Waters of the State to exceed the following limits of quality at any point:

Dissolved Oxygen	2.0 mg/l, minimum
Dissolved Sulfide	0.1 mg/l, maximum;

- g. The turbidity of the Waters of the State at any point to increase above background levels by more than the following:

<u>Receiving Water Background</u>	<u>Incremental Increase</u>
<50 Units	5 Units, maximum
50-100 Units	10 Units, maximum
>100 Units	10% of Background, maximum.

- h. The MPN coliform per 100 milliliters in waters of the State to increase above background levels by more than ten-fold.

3. The wastes as discharged to waters of the State shall meet the following quality limits at all times:

Settleable Matter	1.0 ml/l/hr., maximum.
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- 4. During periods of zero flow in San Pablo Creek, the turbidity of the Waste as discharged shall not exceed 50 units, maximum.
- 5. The mean daily discharge of Waste "A" for any seven consecutive days shall not exceed 1,000,000 gallons per day.
- 6. The daily discharge of Waste "B" shall not exceed 2.6 million gallons per day nor shall the total monthly discharge exceed 10.4 million gallons.

3. Provisions

- 1. This order includes items numbered 1, 6, and 7 of the attached "Reporting Requirements" dated August 28, 1970.

2. This order includes items numbered 1 through 6 of the attached "Notifications" dated January 6, 1970.
3. East Bay Municipal Utility District shall comply with the following time schedule and reporting program to assure compliance with the waste discharge requirements of this order:

<u>TASK</u>	<u>COMPLETION DATE</u>	<u>STATUS REPORT DUE</u>
Complete Preliminary Design	August 1, 1971	August 16, 1971
Authorization of Funding	June 27, 1972	July 3, 1972
Complete Final Design	May 1, 1972	June 1, 1972
Commence Construction	September 1, 1972	September 15, 1972
Complete Construction	December 1, 1973	December 15, 1973
Compliance with Requirements	February 1, 1974	February 15, 1974

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 June 24, 1971.

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Executive Officer