

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

ORDER NO. 71-50

WASTE DISCHARGE REQUIREMENTS  
FOR  
THE CITY OF MOUNTAIN VIEW AND  
FERRARI BROTHERS, SANTA CLARA COUNTY

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

1. The City of Mountain View submitted a report of waste discharge dated April 23, 1971 and a soil investigation report dated April 30, 1971.
2. Ferrari Brothers lease approximately 45 acres of land from the City of Mountain View to dispose of demolition debris and public dumping consisting of household refuse. The public disposal area covers approximately 7.5 acres and has a capacity of approximately 210,000 cubic yards.
3. The disposal site is located at the north end of Stierlin Road in the City of Mountain View.
4. The beneficial water uses in the vicinity of this site are:
  - Domestic water supply
  - Irrigation
  - Waterfowl, and other migratory birds habitat and resting place
  - Esthetic enjoyment.
5. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for this discharge.
6. This Board at a public meeting on June 24, 1971 heard and considered all comments pertaining to this discharge.

IT IS HEREBY ORDERED, the City of Mountain View and Ferrari Brothers shall comply with the following:

A. Discharge Specifications - 7.5 acre, public disposal area:

1. The disposal of waste shall not create a nuisance as defined in Section 13050(m) of the California Water Code.
2. Waste material shall be confined to the disposal site at all times and shall not be placed in any position where it can be carried from the disposal site and discharged into waters of the State.

3. Decomposable waste material shall not be placed in water or allowed to come in contact with pools of surface water.
4. Surface water runoff from adjacent areas shall not be allowed to contact decomposable waste material. The disposal site shall be adequately protected against runoff and flooding by storm waters. Adequate protection is defined as protection from at least a 100-year flood.
5. All operations and excavations shall be performed in such a manner as to assure a minimum continuous thickness of five feet of impervious soil, or equivalent, on the bottom and sides of the disposal site. This shall be demonstrated to the satisfaction of this Board's Executive Officer prior to discharging waste material.
6. Drainage from the existing sanitary fill into adjacent excavated areas or elsewhere shall not be discharged to waters of the State.
7. Methane gas (CH<sub>4</sub>) shall not be allowed to develop in such concentrations within the refuse as to endanger public health or create a nuisance.
8. Carbon Dioxide gas (CO<sub>2</sub>) or leachate from the disposal site shall not lower the quality of usable groundwater.
9. Leachate or ponded water containing leachate shall not be discharged to waters of the State.
10. Liquid, soluble, or toxic waste materials acceptable only at Class I disposal sites, as defined in this Board's Resolution No. 69-42, shall not be discharged or stored at this site at any time.
11. The discharge of waste shall not cause surface waters of the State to exceed the following limits of quality at any place:

Dissolved Oxygen	5.0 mg/l, minimum
Dissolved Sulfide	0.1 mg/l, maximum
pH	7.0 minimum 8.5 maximum
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.

B. Discharge Specifications - Demolition debris disposal area:

1. The disposal of waste shall not create a nuisance as defined in Section 13050(m) of the California Water Code.
2. Waste material shall be confined to the disposal site at all times and shall not be placed in any position where it can be carried from the site and discharged into waters of the State.

3. Two feet of compacted clay or equivalent shall be placed between waste material and any sand or gravel encountered.
4. Waste material shall not be placed in water.
5. This site shall be limited to the disposal of waste derived from the construction of or demolition of buildings, roads, or other structures. Other Class II and all Class I wastes, as defined in Board Resolution No. 69-42, shall not be disposed of at this site at any time.

C. Provisions

1. Prior to placing waste material into excavations within the 7.5 acre public disposal area, the discharger shall submit reports describing the nature of actions taken towards compliance with item A.5 under Discharge Specifications above.
2. Prior to discontinuing the use of this site for waste disposal the discharger shall submit a technical report describing the methods to be used to provide continued protection of surface waters and groundwaters.
3. This Board considers the property owner to have a continuing responsibility for correcting any problems which may arise in the future as a result of this waste discharge.
4. This Order includes items numbered 1, 2, 3, 4, 5 and 6 of the attached "Notifications" dated January 6, 1970.
5. This Order includes items numbered 1 and 6 of the attached "Reporting Requirements" dated August 28, 1970.

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

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

January 1, 1970

REPORTING REQUIREMENTS

1. This Board requires the discharger to file technical reports on self-monitoring work performed according to detailed specifications developed pursuant to the Regional Board's Resolution No. 398. (Reference: Sections 13267(b) and 13268, California Water Code.)
2. This Board requires the discharger to file a written report within 90 days after the average dry-weather waste flow for any month equals or exceeds 80% of the design capacity of his waste treatment and/or disposal facilities. The discharger's senior administrative officer shall sign a letter which transmits that report and certifies that the policy-making body is adequately informed about it. The report shall include:

Average daily flow for the month, the date on which the instantaneous peak flow occurred, the rate of that peak flow, and the total flow for that day.

The discharger's best estimate of when the average daily dry-weather flow rate will equal or exceed the design capacity of his facilities.

The discharger's intended schedule for studies, design, and other steps needed to provide additional capacity for his waste treatment and/or disposal facilities before the waste flow rate equals the capacity of present units. (Reference: Sections 13260, 13267(b) and 13268, California Water Code.)

3. This Board requires the discharger to file a time schedule for engineering studies on facilities needed to comply with the Board's receiving water objective of 5.0 mg/l of dissolved oxygen and/or to file a time schedule for deciding upon the feasibility of participating in regional water quality control systems if he does not meet that dissolved oxygen objective after providing waste treatment facilities which comply with the effluent BOD requirement prescribed elsewhere in this Resolution. (Reference: Sections 13267(b) and 13268, California Water Code.)
4. This Board requires the discharger to file technical reports on studies into correcting violations of the Board's water quality objectives caused by discharging combined storm water and sewage. Specifications for these studies shall be developed pursuant to the Board's Resolution No. 398. (Reference: Sections 13267(b) and 13268, California Water Code.)

5. This Board requires the discharger to file written reports within 15 days after each calendar quarter to include:

Name of and number of lots in each subdivision for which an application has been received for connection to the sewerage system.  
Anticipated date of connection of each subdivision to the sewerage system.

Finding and supporting data by governing body on effect of addition of each subdivision on violation of waste discharge requirements.

(Reference: Section 11551.6 Business and Professions Code and Sections 13267(b) and 13268, California Water Code.)

6. This Board requires the discharger to file a report on waste discharge at least 120 days before making any material change or proposed change in the character, location or volume of the discharge. (Reference: Sections 13260(b) and 13264, California Water Code.)
7. This Board requires the discharger to file a written technical report at least 15 days prior to advertising for bids on any construction project which would cause or aggravate the discharge of waste in violation of these requirements; said report to describe the nature, costs, and scheduling of all actions necessary to preclude such discharge. In no case should any discharge of sewage bearing wastes be permitted without at least primary treatment and chlorination. (Reference: Sections 13267(b) and 13268, California Water Code.)

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION  
January 6, 1970

NOTIFICATIONS

1. This Board requests the discharger to take note of the comments and recommendations contained in all the correspondence the Board has received and considered concerning this matter, and the Executive Officer is directed to transmit copies of that correspondence to the discharger.
2. This Board considers "Waters of the State" as defined in Section 13050(e) of the California Water Code to include waste waters over which the discharger has lost control.
3. The requirements prescribed herein do not authorize the commission of any act causing injury to the property of another, nor protect the discharger from his liabilities under Federal, State, or local laws, nor guarantee the discharger a capacity right in the receiving waters.
4. This Board will prescribe more restrictive requirements for this waste discharge if necessary:
  - To achieve or maintain dissolved oxygen concentration of at least 5.0 mg/l in tidal waters of the San Francisco Bay System pursuant to Resolution No. 67-30,
  - To protect shellfishing areas which the Board designates pursuant to Resolution No. 803,
  - To protect the beneficial water uses, and to achieve other objectives adopted in the resolutions cited above.
5. This Board will review these requirements periodically, as required by law, and will notify the responsible persons before doing so. (Reference: Section 13263(e), California Water Code.)
6. The water quality parameters used in this resolution are as defined in the latest edition of "Standard Methods for the Examination of Water and Wastewater" by the American Public Health Association.
7. The discharger is advised that this Board will use the general concepts of Phase I of the plan recommended by the Final San Francisco Bay-Delta Program Report as guidelines in reviewing any application for construction grants for sewerage facilities proposed to comply with these requirements, and if the discharger intends to make such application he must demonstrate the compatibility of the proposed facilities with the general concepts of the Bay-Delta Program.