

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 72-33

WASTE DISCHARGE REQUIREMENTS
FOR
BOLINAS COMMUNITY PUBLIC UTILITY DISTRICT
MARIN COUNTY

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

- A. The Bolinas Community Public Utility District, called the discharger below, submitted a report of waste discharge dated May 13, 1972, information entitled "Water Quality and Beneficial Uses", a geologist's report, and other reports on the project.
- B. Those reports describe the discharger's proposal for handling the present waste flow estimated at 0.04 million gallons per day (mgd) of sewage, only, from 400 people. Facilities with a design capacity of 0.065 mgd to serve 500 people will utilize 43 acres of land for treatment and disposal of the waste through percolation basins and a spray area located on the hill opposite the intersections of Mesa and Brighton with Bolinas-to-Olema Roads. Waste that surfaces after percolating through the soil from the basins or spray area will be collected in a drain system. There will be no direct discharge of effluent to surface waters.
- C. The Board adopted an Interim Water Quality Control Plan for the San Francisco Bay Basin on June 14, 1971, and amended its Bolinas-Stinson Beach Conceptual Sewage Plan on April 25, 1972.
- D. The beneficial uses of unnamed streams adjacent to disposal area, Bolinas Lagoon, Bolinas Bay and contiguous waters are:
 - Swimming, surfing, skin-diving, wading, pleasure boating and marinas
 - Fishing and Shell fishing
 - Fish, shellfish, and wildlife propagation and sustenance, waterfowl and migratory birds habitat and resting
 - Aesthetic enjoyment
 - Recharge of the recreational lagoon in Seadrift Subdivision
- E. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the proposed discharge.

F. The Board, in a public meeting on June 27, 1972, heard and considered all comments pertaining to the discharge.

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

A. 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. 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 outside the percolation basins and spray disposal area;
 - 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. Surface waters of the State to exceed the following limits of quality at any place:

Dissolved Oxygen	90% saturation, 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
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.
pH	6.5 Minimum 8.5 Maximum

3. Seepage outside the treatment facilities, percolation basins and/or spray disposal area from the disposal of waste shall be collected and discharged to the treatment, percolation or disposal facilities.

4. Waste at the surface of treatment ponds and/or percolation basins shall meet the following quality limits at all times:

In any grab sample:

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

5. Waste as discharged to the percolation basins and/or spray disposal area shall meet the following quality limits at all times:

In any grab sample:

5-day BOD	40 mg/l maximum
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6. The disposal of waste shall not cause degradation of groundwater suitable for domestic use.
7. The public shall be effectively excluded from the waste treatment, percolation and spray disposal areas.
8. Fail-safe treatment shall be provided and include duplicate facilities where needed to assure continuous compliance with requirements.
9. The mean daily discharge of waste to the treatment facilities for any seven consecutive days shall not exceed 65,000 gallons per day.

B. Discharge Prohibitions

1. Bypassing of sewage is prohibited. If bypassing should occur, the discharger shall notify the Marin County Health Department, California State Department of Public Health and this Board's Executive Officer as soon as possible of said bypass.
2. Discharge from the treatment facilities other than to the percolation basins and/or spray disposal area is prohibited.
3. Runoff across or from the waste treatment, percolation and spray areas is prohibited.

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. Waters of the State do not include those in the treatment ponds and percolation basins where the District has maintained control.

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 27, 1972.

Executive Officer