

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

ORDER NO. 72-2

WASTE DISCHARGE REQUIREMENTS  
FOR  
U. S. NAVY DREDGING OF HUNTERS POINT NAVAL SHIPYARD  
SAN FRANCISCO COUNTY

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

- A. The U. S. Navy, called the discharger below, intends to perform maintenance dredging at its facilities at Hunters Point Naval Shipyard. The proposed project is to dredge approximately 276,000 cubic yards of bottom material. The first stage of this project will be approximately 130,000 cubic yards. The U. S. Navy initially proposed to dispose of this material at the U. S. Army Corps of Engineers disposal site south of Alcatraz Island. The U. S. Navy has awarded a contract for ocean disposal of the material at depths greater than 100 fathoms.
- B. The dredge spoil from this project is polluted in that it exceeds Environmental Protection Agency criteria for total volatile solids, chemical oxygen demand, nitrogen, lead and zinc.
- C. The Board adopted an interim water quality control plan for the San Francisco Bay Basin on June 14, 1971.
- D. The Board in Resolution No. 70-100 prohibited the discharge of wastes from barges or vessels into the Gulf of the Farallones.
- E. The beneficial uses of the Pacific Ocean in the vicinity of the Gulf of the Farallones are:
  - a. Hatchery and nursery ground for a wide variety of important fish and aquatic invertebrates
  - b. Commercial and sport fishing
  - c. Pleasure boating
  - d. Navigation
  - e. Skin diving
  - f. Esthetic enjoyment.
- 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 January 27, 1972 heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, the discharger shall comply with the following for the first stage of this project:

A. Waste Discharge Specifications for Disposal in Water Depths Greater than 100 Fathoms

1. The discharge shall not create a nuisance as defined in Section 13050(m) of the California Water Code.
2. The waste discharge shall not cause:
  - a. Visible, floating, suspended or deposited oil or other products of petroleum origin in waters of the State at any place.
  - b. Waters of the State to exceed the following limits of quality at any point:

|                  |  |
|------------------|--|
| pH               | 7.0 minimum<br>8.5 maximum   |
| Dissolved Oxygen | Maximum allowable change from ambient levels both in terms of concentration and percent saturation - 10 percent.   |
| 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 Prohibition

1. Dredge spoil from this project shall not be disposed of at any point at which the water depth is less than 100 fathoms.

C. Provisions

1. Written records of ships log for each voyage per attached Appendix A shall be maintained. Monthly reports transmitting these records shall be filed with the Regional Board prior to the 15th of each month following the reporting periods.
2. This order includes items 1 and 6 of the attached "Reporting Requirements" dated August 28, 1970.

3. This order includes items numbered 1 through 6 of the attached "Notifications" dated January 6, 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 January 27, 1972.

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Executive Officer

Appendix A

SHIP CAPTAIN'S VOYAGE REPORT

DATE \_\_\_\_\_ VOYAGE NO. \_\_\_\_\_ BARGE NO. \_\_\_\_\_

TUG \_\_\_\_\_ CAPTAIN \_\_\_\_\_

WIND: Direction \_\_\_\_\_ Speed \_\_\_\_\_ Knots Sea \_\_\_\_\_ Beaufort Scale

WEATHER: \_\_\_\_\_  
\_\_\_\_\_

DISCHARGE: Time Start \_\_\_\_\_ Waste Field - Visible (yes) (No)  
Time Finish \_\_\_\_\_ Length \_\_\_\_\_  
Total Hours \_\_\_\_\_ Width (max) \_\_\_\_\_  
Volume Discharged \_\_\_\_\_ (min) \_\_\_\_\_

AVERAGE TOW SPEED WHILE DISCHARGING \_\_\_\_\_ Knots

DISPOSAL LOCATION: Latitude Longitude  
Start \_\_\_\_\_  
Finish \_\_\_\_\_

Course \_\_\_\_\_ True Circular (Yes) (No)

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SKETCH DISPOSAL AREA