

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 71-27

WASTE DISCHARGE REQUIREMENTS
FOR
PETER KIEWIT SONS' CO.

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

1. Peter Kiewit Sons' Co. submitted a report of waste discharge dated March 26, 1971.
2. Peter Kiewit Sons' Co. proposes to discharge:
 - A. Approximately 0.24 million gallons per day (mgd) of wastewater overflow from a barge used for hydraulic sand dredging (Waste A) at the Alcatraz Shoals, San Francisco County.
 - B. Approximately 0.24 million gallons per day (mgd) of wastewater from a hydraulic unloading of this barge (Waste B) at the Port of San Francisco LASH Terminal at India Basin, San Francisco County.
3. The Board adopted a Water Quality Control Plan for San Francisco Bay on March 26, 1970.
4. The beneficial uses of San Francisco Bay which may be affected by these discharges are:
 - Industrial water supply (Waste "B" only)
 - Swimming, water skiing, wading, pleasure boating, marinas and fishing
 - Fish and wildlife propagation and sustenance, and migratory birds habitat and resting
 - Navigation channels and port facilities
 - Esthetic enjoyment.
5. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the proposed discharge.
6. The Board in a public meeting heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, Peter Kiewit Sons' Co. shall comply with the following:

A. Waste Discharge Requirements

1. Wastes "A" or "B" shall not create a nuisance as defined in Section 13050(m) of the California Water Code.

2. Wastes "A" or "B" 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 8.5 maximum
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Dissolved Oxygen	5.0 mg/l, minimum
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Dissolved Sulfide	0.1 mg/l, maximum
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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
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c. Aquatic growths at any place.

3. Waste "A" shall not cause at any point more than five hundred (500) feet from the points of discharge and within 3 feet of the surface of waters of the State:

a. Floating or suspended macroscopic particulate matter or foam.

b. Alteration of apparent color beyond present natural background levels.

c. Increased turbidity above background levels by more than the following:

<u>Receiving Waters Background</u>	<u>Incremental Increase</u>
<50 units	5 units, maximum
50-100 units	10 units, maximum
>100 units	10% of background, maximum

4. Waste "B"

a. Waste "B" shall not cause:

Floating, suspended, or deposited macroscopic particulate matter or foam in waters of the State at any place;

Alteration of apparent color beyond present natural background levels in waters of the State at any place;

Bottom deposits at any place.

b. Waste "B" shall meet the following quality limit at all times:

Settleable matter (composite sample of the overflow during any un- loading operation)	1.0 mL/l/hr. maximum
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B. Provisions

1. This Regional Board requires the discharger to submit by May 1, 1971, a program for compliance with all requirements.
2. This order includes item 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 April 22, 1971.

Executive Officer