

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

ORDER NO. 71-15

WASTE DISCHARGE REQUIREMENTS  
FOR  
MOE SAND COMPANY

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

1. Moe Sand Company submitted a report of waste discharge dated November 2, 1970.
2. Moe Sand Company (also known as Tidewater Sand Company) proposes to discharge:
  - A. Seven-thousand (7000) GPM of wastewater overflow from a hydraulic sand dredging operation (Waste A) into the Bay at the Presidio Shoal, San Francisco County and/or the Pt. Knox Shoal, Marin County. The operation occurs two to four times per week for about two hours.
  - B. Six-thousand (6000) GPM of wastewater from a hydraulic sand unloading operation (Waste B) in Oakland into the Oakland Estuary at a point 700 feet southeast of the High Street bridge. The operation occurs two to four times per week for about one and one-half hours.
3. The Board adopted a Water Quality Control Policy for San Francisco Bay on June 13, 1967.
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, Moe Sand Company 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 March 1, 1971, a time schedule 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 February 25, 1971.

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Executive Officer