

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

ORDER NO. 80-33

NPDES PERMIT NO. CA0028533

WASTE DISCHARGE REQUIREMENTS FOR:

TIDEWATER SAND AND GRAVEL, INC.  
SAN FRANCISCO COUNTY

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

1. Tidewater Sand and Gravel, Inc., submitted a report of waste discharge (NPDES Short Form C) dated May 5, 1980 and provided additional information on June 16, 1980.
2. Tidewater Sand and Gravel, Inc., proposes to construct a 6 acre-foot retention pond to receive approximately 225 tons of sand per day which will be hydraulically transported from barges to the retention pond. This activity will result in the intermittent discharge of approximately 107,000 gallons per day of transport water during times of sand reclamation. Transport water will be clarified in the retention pond and discharged by gravity through a 12-inch pipe to the San Francisco Bay near the mouth of Islais Creek.
3. The Board, in April 1975, adopted a Water Quality Control Plan for the San Francisco Bay Basin.
4. The beneficial uses of San Francisco Bay are:
  - a. Recreation
  - b. Fish migration and habitat
  - c. Habitat and resting for waterfowl and migratory birds
  - d. Industrial, agricultural & municipal water supply
  - e. Esthetic enjoyment
  - f. Navigation.
5. These discharge requirements govern the waste discharge from a privately owned sand reclamation operation. This activity constitutes only a minor modification to land, and such activity are thereby exempt from the provisions of the California Environmental Quality Act in accordance with Section 15104, Chapter 3, Title 14, California Administrative Code.
6. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for this discharge and has provided them an opportunity for a public meeting and an opportunity to submit their written views and recommendations.

7. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED that Tidewater Sand and Gravel, Inc. in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, and the provisions of the Federal Water Pollution Control Act and regulations and guidelines adopted thereunder, shall comply with the following:

A. Prohibitions

1. The bypassing of treatment facilities and discharge of untreated waste to waters of the State is prohibited.
2. The discharge of wastewater to the San Francisco Bay shall not cause bottom sediment deposits.
3. It shall be prohibited to receive sand hydraulically transported from barges which result in a waste discharge in the unloading area except where waste discharge requirements allow for such an operation.
4. The erosion of sand into the San Francisco Bay is prohibited.

B. Effluent Limitations

1. Representative samples of the waste discharge shall not contain constituents in excess of the following limits:

<u>Constituent</u>	<u>Units</u>	<u>Maximum</u>
Settleable Matter	ml/l/hr	1.0

2. The waste discharge shall not have a pH of less than 6.5 nor greater than 8.5.

C. Receiving Water Limitations

1. The discharge of waste shall not cause the following conditions to exist in waters of the State at any place.
  - a. Floating, suspended, or deposited macroscopic particulate matter or foam;
  - b. Bottom deposits or aquatic growths;
  - c. Alteration of temperature or apparent color beyond present natural background levels;
  - d. Visible, floating, suspended, or deposited oil or other products of petroleum origin;

- e. Toxic or other deleterious substances to be present in concentrations or quantities which will cause deleterious effects on aquatic biota, wildlife, or waterfowl, or which render any of these unfit for human consumption either at levels created in the receiving waters or as a result of biological concentration.
2. The discharge shall not cause a violation of any applicable water quality standard for receiving waters adopted by the Board or the State Water Resources Control Board as required by the Federal Water Pollution Control Act and regulations adopted thereunder. If more stringent applicable water quality standards are promulgated or approved pursuant to Section 303 of the Federal Water Pollution Control Act, or amendments thereto, the Board will revise and modify this Order in accordance with such more stringent standards.

D. Provisions

1. The discharger shall comply with all effluent and receiving water limitations, prohibitions, and provisions of this Order immediately upon adoption.
2. The discharger shall comply with the attached Self-Monitoring and Reporting Program as ordered by the Executive Officer.
3. The discharger shall comply with all items of the attached "Standard Provisions and Reporting Requirements," dated April 1977, except A.5, A.12, A.16, B.2, B.3, and B.5.
4. This Order expires August 1, 1985. The discharger must file a report of waste discharge in accordance with Title 23, Chapter 3, Subchapter 9 of the California Administrative Code not later than 180 days in advance of such expiration date as application for issuance of new waste discharge requirements.
5. This Order shall serve as a National Pollutant Discharge Elimination System permit pursuant to Section 402 of the Federal Water Pollution Control Act or amendments thereto, and shall become effective ten (10) days after date of its adoption provided the Regional Administrator, Environmental Protection Agency, has no objection. If the Regional Administrator objects to its issuance, the permit shall not become effective until such objection is withdrawn.

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 August 5, 1980.

FRED H. DIERKER  
Executive Officer

Attachments:

Standard Provisions, Reporting  
Requirements & Definitions, dated April 1977  
Self-Monitoring Program

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

SELF-MONITORING PROGRAM  
FOR

Tidewater Sand and Gravel, Inc.

San Francisco

San Francisco County

NPDES NO. CA 0028533

ORDER NO. 80-33

CONSISTS OF

PART A

AND

PART B

PART B

A. GENERAL

Reporting responsibilities of waste dischargers are specified in Sections 13225(a), 13267(b), 13268, 13383, and 13387(b) of the California Water Code and this Regional Board's Resolution No. 73-16.

The principal purposes of a monitoring program by a waste discharger, also referred to as a self-monitoring program, are:

1. To document compliance with waste discharge requirements and prohibitions established by this Regional Board,
2. To facilitate self-policing by the waste discharger in the prevention and abatement of pollution arising from waste discharge,
3. To develop or assist in the development of effluent or other limitations, discharge prohibitions, national standards of performance, pretreatment and toxicity standards, and other standards, and
4. To prepare water and wastewater quality inventories.

B. DESCRIPTION OF SAMPLING STATIONS AND SCHEDULE OF SAMPLING, ANALYSES AND OBSERVATIONS

I. Effluent - Hydraulic Dredging Operation

<u>Station</u>	<u>Description</u>
E-001	The wastewater at the weir prior to discharge through the pipeline from the retention ponds to the San Francisco Bay.

<u>Station</u>	<u>Type of Sample and Frequency</u>	<u>Analyses</u>	<u>Units</u>
E-001	Grab Sample during the first and last hour of operation each day, daily when discharging	Settleable Matter pH	ml/l-hr units

II. Receiving Water

<u>Station</u>	<u>Description</u>
C-1-E-001	At a point located within 20 feet and under the influence of the discharge from the retention pond pipeline in the San Francisco Bay.
C-R-E-001	At a point located 100 feet east and out of the influence of the discharge from the retention pond pipeline in the San Francisco Bay.

<u>Station</u>	<u>Type of Sample &amp; Frequency</u>	<u>Observations</u>
All C Stations	Prior to and at the conclusion of each period of discharge	All standard observations as follows:
a.	Evidence of oil, grease or foam: presence or absence, source, and size of affected area.	
b.	Discoloration: description of color, source, and size of affected area.	
c.	Bottom sediment deposits resulting from discharge: average depth of deposit, characterization, and size of affected area.	

### III. Land Observations at Sand Wastewater Retention Ponds

<u>Station</u>	<u>Description</u>
L-1 thru L-'n'	Located along the perimeter levee of the land impoundment facility at equidistant intervals not to exceed 300 feet. (A sketch showing the location of these stations will accompany each report.)

<u>Type of Sample and Frequency</u>	<u>Observation and Analyses</u>
Observations, twice weekly, during periods of discharge	All standard observations as follows:
(1)	Determine height of the freeboard at lowest point of dikes confining liquid wastes.
(2)	Evidence of leaching liquid from area of confinement and estimated size of affected area. (Show affected area on a sketch.)
(3)	Evidence of low points in dike resulting in overflow of water other than described in Report of Waste Discharge. Low points shall be filled immediately with appropriate fill material.

### C. REPORTS TO BE FILED WITH THE REGIONAL BOARD

1. Report by telephone the scheduled date of commencement of each sand unloading operation at least five working days prior to commencement date.
2. Violations of Requirements

In the event the discharger is unable to comply with the conditions of the waste discharge requirements and prohibitions due to:

- (a) Maintenance work, power failure, or breakdown of waste treatment equipment, or
- (b) Accidents caused by human error or negligence, or
- (c) Other causes, such as acts of nature.

The discharger shall notify the Regional Board Office by telephone as soon as he or his agents have knowledge of the incident and confirms this notification in writing within two weeks of the telephone notification. The written report shall include pertinent information explaining reasons for the noncompliance and shall indicate what steps were taken to prevent the problem from recurring.

3. Self-Monitoring Reports

Written reports shall be filed regularly for each calendar quarter (unless specified otherwise) by the fifteenth day of the following month. The report shall be in letter form and shall specifically cover each point in the Monitoring Program (Part B). Any violations shall be clearly identified, and actions taken or planned for correcting violations shall be included. Monitoring reports shall be signed:

- (a) In the case of corporations, by a principal Executive Officer at least at the level of vice-president or his duly authorized representative, if such representative is responsible for the overall operation of the facility from which the discharge originates, or
- (b) In the case of a partnership, by a general partner, or
- (c) In the case of a sole proprietorship, by the proprietor.

The letter shall contain a statement by the official, under penalty of perjury, that to the best of the signer's knowledge the report is true and correct.

I, Fred H. Dierker, Executive Officer, hereby certify that the foregoing Self-Monitoring Program:

- 1. Has been developed in accordance with the procedures set forth in this Regional Board's Resolution No. 73-16 in order to obtain data and document compliance with waste discharge requirements established in Regional Board Order No. 80-33.
- 2. Is effective on the date shown below.
- 3. May be reviewed at any time subsequent to the effective date upon written notice from the Executive Officer or request from the discharger and revisions will be ordered by the Executive Officer.

FRED H. DIERKER  
Executive Officer

Effective Date August 13, 1980