

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

ORDER NO. 84 -11

NPDES NO. CA0028746

WASTE DISCHARGE REQUIREMENTS FOR:

PACIFIC DRY DOCK AND REPAIR COMPANY  
1441 EMBARCADERO  
OAKLAND, ALAMEDA COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region (hereinafter called the Board) finds that:

1. Pacific Dry Dock and Repair Company, hereinafter called the discharger, submitted a report of waste discharge (NPDES Form 1 and Form 2C) dated May 26, 1983. The discharger was previously doing business as Merritt Ship Repair Company and is currently owned by Crowley Maritime Corporation.
2. The discharger repairs and performs maintenance on various seagoing vessels at a floating dry dock located at 1441 Embarcadero in Oakland. The discharger presently discharges wastes containing pollutants into Oakland Inner Harbor, a water of the United States.

The discharge consists of residual spent abrasives which remain on the floor of the dry dock. The abrasives may contain decaying marine organisms, heavy metals, toxic paint residues, oil and grease, and other materials. The residual abrasives come in contact with bay water when the dry dock is submerged to refloat a vessel.

3. The Board, on July 21, 1982, adopted a Water Quality Control Plan for the San Francisco Bay Region. The Plan contains water quality objectives for Oakland Inner Harbor. The Plan includes a prohibition against the discharge of conservative toxic materials above those levels which can be achieved by source control, and prohibits bottom deposits in measurable concentrations above natural background levels.
4. The beneficial uses of Oakland Inner Harbor and contiguous waters are:
  - a. Recreation
  - b. Fish migration and habitat
  - c. Habitat and resting for waterfowl and migratory birds
  - d. Industrial water supply
  - e. Esthetic enjoyment
  - f. Navigation

5. Effluent limitation, and toxic and pretreatment effluent standards, established pursuant to Sections 208(b), 301, 304, and 307 of the Federal Water Pollution Control Act and amendments thereto are applicable to the discharge.
6. Effluent limitation guidelines requiring the application of best available technology economically achievable (BAT) for this point source category have not been promulgated by the U. S. Environmental Protection Agency. Effluent limitations of the Order are based on the Basin Plan, State Plans and Policies, current operational performance, and best engineering judgment. The limitations are considered to be those attainable by BAT, in the judgment of the Board.
7. The issuance of waste discharge requirements for this discharge is exempt from the provisions of Chapter 3 (commencing with Section 21000 of Division 13 of the Public Resources Code in accordance with Water Code Section 13389.
8. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the discharge and has provided them with an opportunity for a public hearing and an opportunity to submit their written views and recommendations.
9. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED that Pacific Dry Dock and Repair Company, 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. Effluent Limitations

Prior to refloating a vessel the discharger shall remove spent abrasives, paint residues, and other debris from those portions of the dry dock floor which are reasonably accessible, to a degree achievable by scraping or broom cleaning. After a vessel has been removed from a dock, the remaining areas of the floor which were previously inaccessible shall be cleaned by scraping or broom cleaning as soon as practicable, and prior to the introduction of another vessel.

B. Discharge Prohibitions

1. Except as specified in A., discharge of solid or liquid wastes to waters of the State is prohibited.
2. Any accidental discharge of solid or liquid waste shall be cleaned up immediately to the extent feasible.

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, turbidity, 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 sections of this Order immediately upon adoption.
2. 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 take effect at the end of ten days from date of hearing provided the Regional Administrator, U. S. Environmental Protection Agency, has no objections.
3. The discharger shall comply with the Self-Monitoring Program as adopted by this Board and as may be amended by the Executive Officer.
4. The discharger shall comply with all items of the attached "Standard Provisions, Reporting Requirements and Definitions" dated April 1977 except A.5, A.12, A.16 and B.5.

5. This Order expires March 21, 1989. The discharger must file a Report of Waste Discharge not later than 180 days in advance of such date.

I, Roger B. James, 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 March 21, 1984.

ROGER B. JAMES  
Executive Officer

Attachments:

Standard Provisions and Reporting  
Requirements dated April 1977  
Self-Monitoring Program

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

SELF-MONITORING PROGRAM  
FOR

PACIFIC DRY DOCK AND REPAIR COMPANY

1441 EMBARCADERO

OAKLAND, ALAMEDA COUNTY

NPDES NO. CA 0028746

ORDER NO. 84-11

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

SELF-MONITORING PROGRAM

FOR

PACIFIC DRY DOCK AND REPAIR COMPANY  
1441 EMBARCADERO  
OAKLAND, ALAMEDA COUNTY

A. GENERAL

1. 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 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.

2. Self-Monitoring Reports

Written reports shall be filed regularly for each month by the fifteenth day of the following month. The reports shall be comprised of the following:

Letter of Transmittal

A letter transmitting self-monitoring reports should accompany each report. Such a letter shall include a discussion of requirement violations found during the past month and actions taken or planned for correcting violations, such as operation modifications and/or facilities expansion. Monitoring reports and the letter transmitting reports shall be signed by either a principal executive officer, ranking elected official, or other duly authorized employee.

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.

3. Annual Reporting

By January 30 of each year, the discharger shall submit an annual report to the Regional Board covering the previous calendar year. The report shall contain a comprehensive discussion of the compliance record and the corrective actions taken or planned which may be needed to bring the discharger into full compliance with the waste discharge requirements.

B. MONITORING SPECIFICATIONS

1. Prior to the submergence of any portion of each dry dock, three closeup photographs of the dry dock floor shall be taken, representative of the cleanliness of the entire dry dock.
2. All photographs taken shall be submitted, as color slides, monthly together with certification that the photographs were taken prior to submergence.
3. Any accidental discharges resulting in a violation of requirements shall be reported immediately including cleanup measures taken and measures taken to prevent a recurrence.

I, Roger B. James, Executive Officer, hereby certify that the foregoing Self-Monitoring Program:

1. Has been developed in accordance with the procedure 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. 84.11.
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.

ROGER B. JAMES  
Executive Officer

DATE ORDERED April 12, 1984