

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

'89 APR 17 P3:01

1111 JACKSON STREET, ROOM 6000, OAKLAND, CA 94607
(415) 464-1255

NOTICE OF PUBLIC HEARING FOR
CEASE AND DESIST ORDER AND TIME SCHEDULE FOR COMPLIANCE

UNITED STATES NAVY, MARE ISLAND NAVAL SHIPYARD
VALLEJO, SOLANO COUNTY

Regional Board staff has prepared a Tentative Order establishing a schedule for compliance with the Toxic Pits Cleanup Act (TPCA) of 1984. Mare Island Naval Shipyard has four industrial waste ponds which contain wastes generated from work centers that perform metal cleaning, electroplating, battery overhaul, oil reclamation and photographic operations. The ponds contain hazardous wastes and free liquids and are subject to TPCA requirements. The discharger was unable to meet TPCA's January 1, 1989 deadline for removing free liquids from the ponds. The Tentative Order would establish a time schedule to bring the facility into compliance with TPCA requirements.

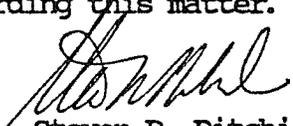
The Regional Board intends to consider adopting the Tentative Order during a meeting which will commence at the time and place indicated:

DATE: May 17, 1989
TIME: 9:30 a.m.
PLACE: Assembly Room, First Floor, State Building
1111 Jackson Street, Oakland, California

Persons wishing to file written comments, on, or objections to, the Cease and Desist Order or other aspects of this matter, are requested to do so within 10 days of the date of this Notice so that the comments may be considered in preparing this matter for presentation to the Regional Board.

Interested persons are invited to attend and express their views on this matter at the Public Hearing. The Board will hear oral comment, but requests that written confirmation thereof be filed before or during the hearing, to assure accuracy of the record.

The Cease and Desist Order and Time Schedule for Compliance, comments received and related documents may be inspected and copied at the Regional Board office. Please bring the foregoing to the attention of any persons known to you who would be interested in this matter. Contact Shin-Roei Lee at (415) 464-4212 for any questions regarding this matter.


Steven R. Ritchie
Executive Officer

4/13/89
DATED

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

TENTATIVE ORDER

REQUIRING UNITED STATES NAVY, MARE ISLAND NAVAL SHIPYARD, VALLEJO, SOLANO COUNTY, TO CEASE AND DESIST THE DISCHARGE AND THREATENED DISCHARGE OF WASTE IN VIOLATION OF THE TOXIC PITS CLEANUP ACT OF 1984

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

1. The United States Navy, Mare Island Naval Shipyard, hereinafter called the discharger, repairs, overhauls, and builds ships at its facilities located in Vallejo, Solano County. These activities include metal cleaning, electroplating, lead battery repair, oil handling and reclamation, and abrasive blasting.
2. The discharger discharges inorganic and oily residues from work centers that perform metal cleaning, electroplating, battery overhaul, oil reclamation and photographic operations to the Industrial Waste Treatment Plant (IWTP) with treated wastewater discharged to the sanitary sewer. The treatment processes include four surface impoundments. Two northern impoundments are used to blend incoming industrial wastewaters to allow an equalized flow to the IWTP for treatment. Two southern impoundments are alternately used to settle, dry, and store sludge generated at the IWTP prior to offsite disposal. All four surface impoundments are located within the boundaries of a waste disposal unit known as the Facility (Historic) Landfill.
3. All four impoundments are subject to the Toxic Pits Cleanup Act (TPCA) of 1984 because they contain hazardous wastes and free liquids. The impoundments are not within one-half mile upgradient of a potential drinking water source. TPCA requires that such impoundments not be used for storage of hazardous wastes containing free liquids after January 1, 1989.
4. Board staff inspected the impoundments on January 23, 1989 and found that the discharger failed to comply with the TPCA's January 1, 1989 cease discharge deadline.
5. The Board adopted Waste Discharge Requirements in Order No. 87-170 on December 16, 1987. The Order prescribes prohibitions, landfill and surface impoundment closure specifications and provisions based on Subchapter 15 regulations to protect the waters of the State.
6. Closure of the impoundments will be accomplished by the closure of the Facility Landfill. Closure of the impoundments and any necessary corrective action must be implemented in accordance with Order No. 87-170.
7. Interim closure procedures for the four impoundments are proposed by the discharger to preclude any further environmental impact while final closure procedures are being developed for the Facility Landfill. The interim closure procedures will include removal of all liquids and sludges from the impoundments; cleaning of the concrete impoundment surfaces;

sampling and analyses of the impoundment surfaces for hazardous waste constituents, and backfilling of the impoundments with clean soil. If any hazardous waste constituents are detected, an infiltration barrier membrane will be installed before the impoundments are backfilled.

8. The sludge and blending impoundments are also subject to Resource Conservation and Recovery Act (RCRA). Completion of the interim closure procedures does not constitute compliance with the closure requirements under RCRA.
9. The beneficial uses of San Pablo Bay, Mare Island Strait and Carquinez Strait in the vicinity of the site are:
 - a. Industrial Process Supply
 - b. Contact and Non-contact Water Recreation
 - c. Wildlife and Estuarine Habitat
 - d. Preservation of Rare and Endangered Species
 - e. Fish Migration and Spawning
 - f. Navigation
 - g. Commercial and Sport Fishing
 - h. Shellfish Harvesting
10. The potential beneficial uses of the groundwater underlying the site are:
 - a. Industrial Process Water and Service Supply
 - b. Agricultural Supply
11. Interim closure of the impoundments will eliminate a pollutant source thereby preventing continued pollutant migration to adjacent surface and ground waters.
12. This Order is a regulatory enforcement action, exempt from the provisions of the California Environmental Quality Act (Public Resources Code Section 21000, et seq.) in accordance with Section 15321, Chapter 3, Title 14 of the California Code of Regulations.
13. The discharger and interested agencies and persons have been notified of the Board's intent to issue this Order and have been provided with the opportunity for a public hearing and opportunity to submit their written views and recommendations.
14. The Board, in a public meeting, heard and considered all comments pertaining to this matter.

IT IS HEREBY ORDERED, pursuant to Section 13301 of the California Water Code, that United States Navy, Mare Island Naval Shipyard, cease and desist from violating the Toxic Pits Cleanup Act of 1984 as follows:

1. By October 31, 1989, submit a technical report acceptable to the Executive Officer documenting completion of the interim closure procedures as specified in Finding No. 8 and compliance with TPCA requirements for the four impoundments.
2. If the discharger is delayed, interrupted or prevented from meeting the time schedule in this Order due to circumstances beyond his control, the

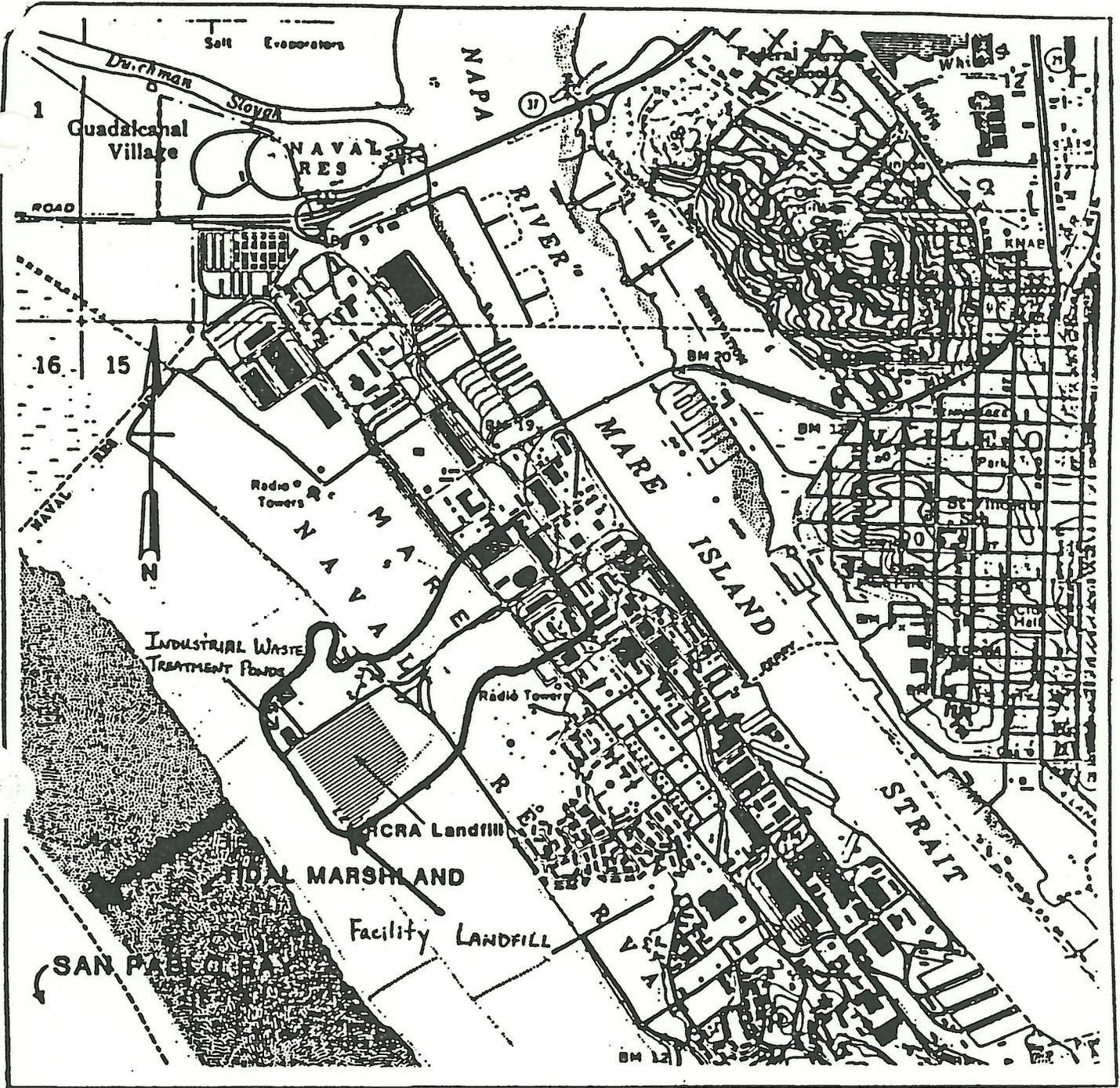
discharger shall promptly notify the Executive Officer. In the event of such delays, the Board will consider modification of the time schedule established in this Order.

I, Steven R. Ritchie, 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

STEVEN R. RITCHIE
Executive Officer

Attachment:

Location Map



Scale 1" = 2000'



LOCATION MAP

MARE ISLAND NAVAL SHIPYARD