

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD

SAN FRANCISCO BAY REGION
1111 JACKSON STREET, ROOM 6040
OAKLAND 94607Phone: Area Code 415
464-1255Date: February 29, 1988
File No: 2169.6032 (WBH)Attn: Commander Chris Guild
Code 09B
NAVCOM
P.O. Box 727
900 Commodore Drive
San Bruno, CA 94066-0720Subject: Naval Station Treasure Island, Hunters Point Annex, San
Francisco, CA

Dear Commander Guild,

Regional Water Quality Control Board staff have reviewed the analytical results of the storm water runoff samples collected on January 15, 1988, by your consultant, Harding Lawson and Associates. My staff have determined that another round of storm water runoff sampling is necessary for the following reasons:

a) EPA Method 624, determination of purgeable organic compounds, was performed on all samples after a fifteen day holding period at the laboratory. EPA Method 624 specifies that all samples must be analyzed within fourteen days of collection.

b) The analytical results contained a narrative from the laboratory director, Mr. C. Bruce Godfrey, as an attachment, which described a malfunction of the jet separator in the mass spectrometer during analysis of samples 14047-3 through 14047-7.

c) The runoff samples were collected during the last hour of a five hour storm event. Therefore, it is likely that the largest quantity of pollutants, which would be mobilized by the runoff from this storm event, would have migrated off site prior to the collection of the samples.

d) While all of the runoff samples had pH measurements in the 7.2 to 7.7 range, the field blank had a pH of 5.2.

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The six runoff sampling locations identified in my December 9, 1987 letter are hereby modified as follows:

SW1) Sample location SW1 is the storm sewer manhole located just east of the sand blast pile along "J" Street, west of Sixth Street.

SW2) Location SW2 is the rivulet which drains the ponded area adjacent to the sand blast pile, as specified in my December 9, 1987 letter.

SW3) The ponded area adjacent to and southeast of the sand blast pile, as specified in my December 9, 1987 letter.

SW4) The landfill side of the culvert which passes through the dike at the Industrial Landfill site, as previously specified.

SW5) The first manhole above tidal influence, in the 72 inch storm sewer line which runs along "K" Street and discharges near Berth 36.

SW6) The rivulet which drains the Sub Base Additional Area, as described in my December 9, 1987 letter.

All six storm runoff locations should be sampled as soon as possible subsequent to the first half hour of the next significant daylight rainfall event, provided that there is adequate flow for proper sampling. Duplicate samples should be collected for analysis by the RWQCB's contract laboratory. William Hurley, of my staff, should be contacted prior to collection of the samples, to coordinate handling of the duplicate samples.

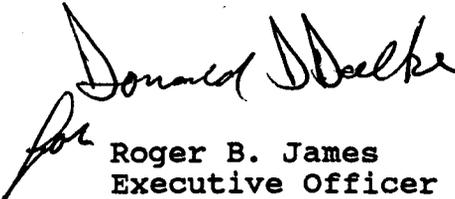
Pursuant to Section 13267(b) of the California Water Code, I hereby request that a technical report be submitted to the RWQCB, which contains the analytical results of water quality samples collected at the six storm water runoff locations identified above. These water quality samples should be analyzed for pH, the presence of all EPA priority pollutant metals, and the presence of organic chemicals using EPA Analytical Methods 608, 624 and 625. The technical report should also include a copy of the revised Storm Sewer Control Diagram for Hunters Point Annex, which clearly indicates the locations of the six sampling points.

This report should be submitted within 30 days of the date of the forthcoming sampling event. Subsequent to my staff's review of these analytical results, the analytical methods, water quality parameters and possibly the sampling locations specified in this letter will be modified to eliminate unwarranted analyses from future sampling events.

My December 9, 1987 request for a technical report, which was to be submitted to the RWQCB within 30 days of completion of the first round of storm water runoff sampling, will be rescinded upon receipt of documentation that the sand blast pile, located near the shoreline of the Bay Fill Area, has been adequately protected against storm water runoff.

Thank you for your assistance and cooperation in this matter. If you have any questions, please contact William Hurley of my staff at (415) 464-0841.

Sincerely,


for Roger B. James
Executive Officer

cc: Chein Kao, Department of Health Services
Amy Zimpfer, U.S. EPA, Region IX
David Wells, Environmental Health, City of San Francisco
Steve Castleman, S.F. Office of the District Attorney
Alex Dong, Naval Facilities Engineering Command
Joseph Ruzicska, Commander Naval Base