

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD

SAN FRANCISCO BAY REGION

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MARE ISLAND 94607

Phone: Area Code 415
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August 27, 1984
File No. 2129.2011(LWT)

Captain E. J. Scheyder
Shipyard Commander
Department of the Navy
Mare Island Naval Shipyard
Vallejo, CA 94592

Dear Captain Scheyder:

This is our review of your March 1983 Initial Assessment Study (IAS) of the Mare Island Naval Shipyard, NEESA Report No. 13-012. We would like once again to commend the Navy for undertaking this intensive review of potential environmental problems at your facility.

We agree with the proposed confirmation study and order of priority for the landfill, oil sumps, Berths 4 and 5, Concord Annex, and sludge ponds. However, before you further investigate these sites, please provide the following information:

1) Is the landfill confined by impermeable material on all sides and the bottom? If not, or unknown, how will this situation be corrected and/or confirmed? *NO*

2) For Berths 4 & 5, a one-time sampling program is proposed to determine appropriate mitigation measures, such as recovery. More complete characterization of the waste field will probably be appropriate before mitigation is addressed. Please comment. *OK*

3) Are any subsequent monitoring data available from the wells installed by J. H. Kleinfelder & Associates in 1983? If so, please provide it. *NO*

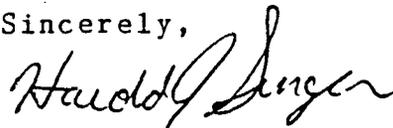
For the 900 Area (Site 5), we believe that soil sampling will be necessary to characterize the site. The results of sampling for the landfill may not be representative of this area. *OK*

Additionally, we have concerns about Sites 3, 8, 9, 10, and 11. Site 3 should be further investigated to characterize leaked fuel oil. Our experience has been that the initial estimate of volume leaked from such tanks is grossly below the actual volume leaked. Even if the estimate is accurate, 1000 gallons is still a significant quantity, meriting further investigation immediately. The PCB cleanups programmed for Sites 8, 9, 10, and 11 are of concern because we want to be sure a complete cleanup is performed. All of these sites should be added to the landfill, etc. for further investigation and prompt attention. *415*

We would like to meet with your staff to further discuss your proposal and to inspect all of the sites in question within the next two weeks. Please contact Lila Tang at (415) 464-0990 or

Steve Ritchie at (415) 464-0701 to arrange such an inspection and to resolve any questions regarding this letter.

Sincerely,



Harold J. Singer, Chief
Industrial Division

cc: Harry Seraydarian, EPA
Elyse Heilshorn, DOHS
Bob Ford, SWRCB