

STATE OF CALIFORNIA - ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, Governor

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

REGION 4
445 WEST BROADWAY, SUITE 350
LONG BEACH, CA 90802
(310) 590-4868

November 6, 1991



N68311.000563
NAVSTA LONG BEACH
SSIC #5090.3

Mr. T.G. Avgerinos, Director
Environmental Protection Division
Public Works Department
Long Beach Naval Shipyard
Long Beach, California 90822-5099

Lieutenant Commander J.L. Snyder
Civil Engineer Corps, U.S. Navy
Long Beach Naval Station
Long Beach, California 90822-5000

Dear Mr. Avgerinos and Lieutenant Commander Snyder:

RCRA CORRECTIVE ACTION: LONG BEACH NAVAL SHIPYARD AND LONG BEACH
NAVAL STATION (EPA ID NO. CA6170023109)

This is in response to your letter of October 18, 1991, in which you stated the Navy would not conduct hydrogeologic studies at both the Long Beach Naval Shipyard and Long Beach Naval Station until the "RI/FS" phase of investigation.

As you are aware, the California Department of Toxic Substances Control (Department) approved, with conditions, the RCRA Facility Investigation (RFI) Work Plans in a letter dated August 13, 1991. Our letter required the submittal of a draft RFI Report no later than June 30, 1992. Our letter also required that the draft RFI Report include comprehensive proposals for further investigative actions at both the Long Beach Naval Shipyard and Long Beach Naval Station.

As stated in our letter of August 13, 1991, in order to allow a more informed decision on additional investigations, information resulting from additional hydrogeologic studies must be submitted to the Department in the draft RFI Report, i.e., no later than June 30, 1992. The hydrogeologic studies must include: identification and characterization of site stratigraphy and the underlying ground water regime, such as the depth of aquifers, rate, volume and direction of ground water flow, potential hydraulic interconnections of water bearing zones, and areas where ground water is confined and unconfined. These studies should be based on field data, tests, cores, and any other necessary methods, in addition to the ground water monitoring wells recently installed, to obtain a representative

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and accurate classification and description of the hydrogeologic units which may be a part of migration pathways.

In conclusion, the Navy should utilize the results of the hydrogeologic studies in the preparation of the draft RFI Report due no later than June 30, 1992. Specifically, the information should be incorporated into the strategies (essentially equivalent to a Remedial Investigation (RI)) for additional investigations of soil, ground water and sediments to comply with all applicable RFI requirements.

If you have any questions concerning this matter, please contact Joe J. Zarnoch at (310) 590-4872.

Sincerely,



Mohinder S. Sandhu, P.E., Chief
Facility Permitting Branch

Certified Mail (Avgerinos)
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Return Receipt Requested

Certified Mail (Commander Snyder)
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