



Cal/EPA

Department of
Toxic Substances
Control

245 West Broadway,
Suite 350
Long Beach, CA
90802-4444

N60258.000982
NSY LONG BEACH
SSIC # 5090.3



Pete Wilson
Governor

Peter M. Rooney
Secretary for
Environmental
Protection

January 15, 1998

Ms. Kim Ostrowski
Southwest Division
Naval Facilities Engineering Command
1220 Pacific Highway, Room 18
San Diego, California 92132-5181

Ms. Kim Ostrowski:

**DRAFT ADDENDUM TO FINAL GROUNDWATER INVESTIGATION
WORK PLAN (SUPPLEMENT TO THE RI FOR LONG BEACH NAVAL
SHIPYARD) FOR IRP SITES 9, 12 AND 13 AT THE LONG BEACH
NAVAL SHIPYARD, LONG BEACH, CALIFORNIA**

The California Environmental Protection Agency (Cal/EPA) has completed its review of the *Draft Addendum to Final Groundwater Investigation Work Plan (FGIWP) (Supplement to the RI Long Beach Naval Shipyard) for IRP Sites 9, 12, and 13 at the Long Beach Naval Shipyard, Long Beach, California (Draft Addendum FGIWP)*, dated December 1997. The *Draft FGIWP* was prepared by Bechtel National, Inc.

The *Draft Addendum FGIWP* presents soil sampling of potential vadose zone source areas identified by the soil gas investigation in the vicinity of IRP Site 9. In addition, the *Draft Addendum FGIWP* is designed to address groundwater data gaps identified for IRP Site 9 by the Final Remedial Investigation (RI) report. DTSC concerns presented during November 11, 1997 meeting are addressed in the *Draft Addendum FGIWP*, except the recommendation that a full metal scan analysis should be conducted on the soil samples. Since these soil samples are available, the Navy should take advantage to analyze these samples so this data could be use for the investigation of the Areas of Potential Concern.

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The Department of Toxic Substances Control (DTSC) comments are enclosed with this letter. If you have any questions, please contact me at (310) 590-5565.

Sincerely,



Alvaro Gutierrez
Base Closure Team Member
Region 4 Base Closure Unit
Office of Military Facilities

Enclosure

cc: Ms. Sharon Fair (R4-4)
Unit Chief
Base Closure Unit
Office of Military Facilities
Department of Toxic Substances Control
245 West Broadway, Suite 350
Long Beach, California 90802-4444

Mr. Aaron Yue (R4-4)
Base Closure Unit
Office of Military Facilities
Department of Toxic Substances Control
245 West Broadway, Suite 350
Long Beach, California 90802-4444

Ms. Jennifer Rich (R4-4)
Public Participation Specialist
Region 4 Base Closure Unit
Office of Military Facilities
Department of Toxic Substances Control
245 West Broadway, Suite 350
Long Beach, California 90802-4444

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cc: Mr. J. E. Ross
California Regional Water Quality Control Board
Los Angeles Region
101 Centre Plaza Drive
Monterey Park, California 91754-2156

Mr. Alan Lee
Base Environmental Coordinator
Southwest Division
Naval Facilities Engineering Command
1220 Pacific Highway
San Diego, California 92132-5181

Mr. Martin Hausladen
Remedial Project Manager
Hazardous Waste Management Division (H-9-2)
U.S. Environmental Protection Agency
Region IX
75 Hawthorne Street
San Francisco, California 94105

General Comments

1. Please provide a more specific description (operation, types of chemicals, etc.) and reasons for investigating these Areas of Potential Concern that are suspected of being the source of contamination at Site 9.

Specific Comments

1. **Page 2-11, Section 2.1.3, Bullet, Second Paragraph** The third sentence refers to Figure 2-8 which does not show the northern chlorinated VOC groundwater plume that exists beneath Building 128. Please correct this reference.
2. **Page 2-25, Section 2.1.3, Line 7** This line states that remnants of an unknown structure are located to the *west* of Building 217. On the bottom paragraph, line 8 states that these remnants are to the *east* of Building 217. Please indicate the correct location of these remnants near Building 217.
3. **Page 3-3, Bullet 2, Line 5** States that a fate and transport assessment will be performed. DTSC and participating agencies advised to the Navy that a fate and transport assessment was not necessary, and noted that the agencies would not use such assessment when making a decision as to whether or not an action is needed to be taken at the site.