

5090  
Ser 1811WW/L2256

05 MAY 1992

Ms. Virginia Lasky  
✓ Department of Toxic Substances Control  
700 Heinz Ave., Suite 200  
Berkeley, CA 94710

Subj: PROPOSED ADDITIONAL FIELD WORK AT SITES 4 AND 5 FOR THE RI/FS,  
NAS ALAMEDA

Dear Ms. Lasky:

We are providing enclosure (1) as our response to your comments of April 14, 1992 on the proposed additional field work at sites 4 and 5, Naval Air Station (NAS) Alameda. Upon your concurrence with our response, the Navy will proceed with the additional field work.

If you have any further questions regarding this matter, please contact Mr. Wing Wong, Code 1811WW, (415) 244-2537.

Sincerely,

Original signed by

LOUISE T. LEW  
Head, Installation Restoration Section

Encl:

(1) Reponse to Comments on Proposed Additional Field Work at Sites 4 and 5

Copy to:

California Regional Water Quality Control Board (Attn: Janette Baxter)  
US Environmental Protection Agency (Attn: Julie Anderson)  
NAS Alameda (Attn: Randy Cate)  
COMNAVBASE San Francisco (Attn: Randy Friedman)  
Planning Research Corporation (Attn: Gregory Reller)  
James M. Montgomery Consulting Engineers (Attn: Steve Newton)

Blind copy to:

1811, 1811WW, 1811EC, Admin Record (3 copies)  
WRITER: W. Wong/1811WW/X2537, L2256  
FILE: Alameda/NAS

## RESPONSE TO COMMENTS

**Comment 1.** In the Hazardous Waste Storage Area (HWSA), three more samples should be collected in addition to the proposed one sample. It is recommended that the HWSA be divided into quadrants. One sample to be collected at the center of each quadrant or where contamination is visible.

**Response:** The former HWSA is a fenced, asphalt-paved area approximately 27 feet by 52 feet. The area was formerly used to store drummed hazardous wastes. The area is currently used to store drummed petroleum hydrocarbon products (oil, hydraulic fluid, etc.). These products are stored in 55-gallon drums which are mounted on racks around the perimeter of the area. The racks are approximately 5.5 feet wide and are located on the east, south, and west sides of the fenced area. Thus, the accessible portion of the former HWSA is 46.5 feet by 16 feet.

The proposed field program included drilling one 15-foot deep boring and constructing a monitoring well within the former HWSA. A total of four soil samples (one surface, three subsurface) from the boring and one groundwater sample were to be submitted for laboratory analyses.

It is not clear whether DTSC's comment indicates that four borings should be installed, or merely that four samples should be collected from immediately beneath the asphalt pavement. Due to the small area of the site and limited access due to the drummed hydrocarbon products, installation of four borings with a drilling rig would be difficult and the borings could be spaced no more than 10 feet apart along the center of the former HWSA. Collection of four samples from immediately beneath the asphalt would not provide information on the vertical extent of any contamination that might be present and would not allow for groundwater sampling.

We recommend that the following revised program be implemented. One boring will be installed in the southern portion of the former HWSA. The southern portion is hydraulically upgradient based on existing groundwater elevation data. A second boring will be installed at the northern end of the former HWSA. A groundwater monitoring well will be constructed in the northern boring (hydraulically down gradient of the former HWSA). Four soil samples will be collected from each boring and submitted for laboratory analyses. A groundwater sample will be collected from the monitoring well.

## RESPONSE TO COMMENTS (cont.)

**Comment 2.** In the Battery Storage Area, another sample should be collected in addition to the proposed one sample. The additional sample should be collected along the trench as discussed with Ms. Donna Courington and Mr. Wing Wong during the April 2 site visit.

**Response:** The currently proposed sampling program includes the drilling of one 15-foot deep boring and completion of the boring as a monitoring well. This boring will be located outside the building immediately adjacent to the trench where it exits the Battery Storage Area. In addition, one shallow soil sample will be collected from beneath the trench inside the Battery Storage Area, as discussed during the April 2 site visit.

**Comment 3.** Boring and monitoring well locations in the plating shop should be included in the areas to be surveyed.

**Response:** Surveying of boring and temporary monitoring well locations inside the plating shop is not practical and is not necessary because locations will be measured relative to permanent building fixtures. All boring and temporary well locations inside the plating shop will be accurately located on a scale drawing of the plating shop.

**Comment 4.** The sampling report to be submitted no later than May 30, 1992 should provide a more detail drawing of the five areas. The drawing should be to scale showing sampling locations and areas that previously contained, processed, or handled hazardous wastes or materials.

**Response:** The May 30, 1992 submittal deadline is not feasible because of the time required for the various tasks associated with the work. Scheduling, performance of field work, and performance of laboratory analyses will require approximately 6 to 7 weeks. An additional 4 weeks will be required to prepare the report and perform internal reviews prior to submittal to DTSC. Thus, a total of 90 days from the date of authorization by DTSC is needed for report preparation.

Detailed, scale drawings of the areas showing sampling locations and areas in which hazardous wastes or materials were contained, processed, or handled will be included with the sampling report.