

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

REGION 2

100 HEINZ AVE., SUITE 200
BERKELEY, CA 94710-2737

April 21, 1997

Commander
Engineering Field Activity, West
Naval Facilities Engineering Command
Attn.: Camille Garibaldi
900 Commodore Drive
San Bruno, California 94066-2402

Dear Ms. Garibaldi:

**RADIATION SURVEY REPORT, PRE-DRAFT DATED FEBRUARY 1997
NAVAL AIR STATION, ALAMEDA**

The California Environmental Protection Agency, Department of Toxic Substances Control (DTSC) and the California Department of Health Services (DHS) have completed our review of the pre-draft Radiation Survey Report. A meeting to discuss the report and our comments is scheduled for 9:30 a.m., April 23, 1997 at the DTSC office in Berkeley. The attached comments were prepared by Ms. Penny Leinwander, DHS. The following are DTSC's comments. DTSC and DHS may modify, or provide additional comments after the meeting on April 23, 1997.

Comments

Page 6-2, Section 6.3, Sites 1 and 2

Based on the data presented in this report and Figures 1 and 2 of the Radiation Survey and Field Sampling Work Plan, the DTSC concludes that the Navy has not established extent of radium contamination at these two sites.

Site 1

The Navy recommends further surveys of the remainder of Site 1; however, the extent of these surveys are not identified. Although the Navy has redefined the

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location of disposal cells of the 1943-1956 landfill at Site 1, the Navy has not demonstrated that the extent of contamination is limited to the disposal cell locations. Figure 1 in the Radiation Survey and Field Sampling Work Plan shows anomalies 8, 9, 10, 11, and 22, at or beyond the boundary of the surveyed area. The extent of the future 100% survey at Site 1 must extend east to runway 13 and south to runway 7. The area east of runway 13 should also be surveyed; however, a 100% survey is not requested at this time.

Site 2

The DTSC has recently learned from the Navy that the extent of the Site 2 landfill extends beyond the berm at the north east corner of the landfill. This area was not surveyed. This area must be surveyed in the future.

If you have any questions regarding this letter, please call me at (510) 540-3809.

Sincerely,



Thomas P. Lanphar
Project Manager
Base Closure Branch

Enclosure

cc: See next page.

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cc. Ms. Lynn Suer
Regional Water Quality Control Board
2101 Webster Street, Suite 500
Oakland, California 94612

Mr. Steve Edde
Base Environmental Coordinator
Alameda Naval Air Station
Building 1, Code 52
Alameda, California 94501

Mr. James Ricks
U.S. Environmental Protection Agency
Region IX
75 Hawthorne Street
San Francisco, California 94105

DEPARTMENT OF HEALTH SERVICES REVIEW

ACTIVITY: Review of Radiation Survey Report - Naval Air Station, Alameda, CA Pre-Draft, dated February 1997 (DHS/DTSC Work Form #332)

FACILITY: Naval Air Station, Alameda, CA

General Comments:

1. The Department of Health Services (DHS) would like to meet with Navy representatives to discuss the options presented in this report's CONCLUSIONS AND RECOMMENDATIONS (Section 6.0). DHS comments on the conclusions and recommendations for Sites 1 and 2, the Former Radioactive Waste Storage Shack Area, Building 5, Building 400, and Related Storm Sewer and Drain Lines will be provided after the meeting.

Specific Comments:

1. Page 4-5, Section 4.3.2.1. What is the definition of an anomaly as determined for the scan survey?
2. Page 4-25, Section 4.7. Was there any analysis done on sediments found in storm sewer or drain lines? What is the result of sampling at Outfalls F, FF, and R? Will sampling be conducted in the Seaplane Lagoon where these outfalls are located?
3. Page 6-1, Section 6.1 DHS agrees with the recommendation that no further surveys are required at Pier 3.
4. Page 6-2, Section 6.2 DHS agrees with the recommendation that no further surveys are required at Ramp 1 and Adjacent Parking Apron 4.