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**From:** Commander, Western Division, Naval Facilities Engineering Command  
**To:** Distribution

**Subj:** INSTALLATION RESTORATION PROGRAM MONTHLY STATUS REPORT  
FOR DECEMBER 1993, NAVAL AIR STATION, ALAMEDA

**Encl:** (1) Monthly Status Report - December 1993

1. Enclosure (1) is the Monthly Status Report for the month of December 1993 on the Remedial Investigation/Feasibility Study (RI/FS) at the Naval Air Station (NAS), Alameda.
2. For further information regarding this matter, please contact either Mr. Gary J. Munekawa, Code T4A2GM, (415) 244-2524 or Mr. George Kikugawa, Code T4A2GK, (415) 244-2559.

Original signed by:

MARCELO G. PASCUA, JR.  
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**INSTALLATION RESTORATION PROGRAM  
MONTHLY STATUS REPORT  
NAVAL AIR STATION ALAMEDA**

**NOVEMBER 1993**

**1. Progress During this Reporting Period:**

Phases 1 and 2A

- \* The Navy received Department of Toxic Substances Control (DTSC) comments on the draft Phase 2A Field Sampling Plan (FSP) on November 23, 1993. Work was begun on addressing these comments.

Phases 2B and 3 Remedial Investigation/Feasibility Study (RI/FS)

- \* Navy received comments (dated November 1, 1993) from Committee Advisory Committee member Roberta Hough on the Draft RI/FS Work Plan Addendum on November 2, 1993. Navy forwarded Ms. Hough's comments to the DTSC on November 19, 1993.
- \* With completion of the Site 5 Plating Shop additional field sampling, work continued on adding the Site 5 letter report (after agency comments have been incorporated) to the draft final Mod 01 data summary report (DSR) (dated August 1992).
- \* Additional DTSC comments on the Draft Final Phases 2B and 3 follow-on FSP were transmitted to the Navy in a letter dated October 25, 1993. A field visit to assist in addressing these comments was conducted on November 5, 1993, at which time an additional site walk is planned for December 7, 1993.
- \* The Navy completed contracting activities to address possible removal action at Site 7A, the Naval Exchange service station. Work was begun on generation of a field implementation work plan as part of the Interim Removal Action (IRA) Engineering Evaluation/Cost Analysis (EE/CA).
- \* Work continued on generation of a field implementation work plan as part of the IRA EE/CA at Site 15, the former transformer storage area.
- \* On November 22, 1993, Navy issued a scope of work to prepare an action memorandum, perform field oversight and confirmation sampling, and prepare an implementation report of field activities for the IRA at Site 15.

- \* The Navy completed contracting activities for start-up of the follow-on field work for Sites 4, 5, 8, 10A, 12 and 14 (all of which are Phases 2B/3 sites) with award of the contract on November 23, 1993.

Phase 4, Ecological Assessment Study

- \* Benthic analyses and chemical data verification neared completion; and work continued on the Draft Ecological Assessment Report.

Phases 5 and 6 RI/FS (SWAT)

- \* The Navy distributed the Draft RI/FS Work Plan Addendum to the appropriate regulatory agencies on October 13, 1993.
- \* In a letter dated October 25, 1993, the DTSC notified the Navy that the Draft Final Phases 5 and 6 Follow-On FSP was approved for "final" distribution. However, Navy received comments (dated November 1, 1993) from Committee Advisory Committee member Roberta Hough on the Draft Final Phases 5 and 6 FSP on November 2, 1993. Navy forwarded Ms. Hough's comments to the DTSC on November 19, 1993.

IMF Interim Removal Action (IRA)

- \* Confirmatory soil samples were collected on October 7, 1993, and the analytical data received on November 5, 1993 from the laboratory. The results are being validated and reviewed accordingly by the Navy, DTSC and Regional Water Quality Control Board (RWQCB).

Site Management Plan (SMP)

- \* The Navy discussed revisions to the two- and five-year work schedules and clarification of the proposed operable units outlined in the SMP for the Federal Facility Site Remediation Agreement (FFSRA) with the DTSC and RWQCB at a meeting on November 19, 1993.

**2. Meetings and Reports During this Progress Period:**

MEETINGS

- \* The Navy attended the Monthly Progress Review meeting at the DTSC office in Berkeley 0900 on November 19, 1993.

REPORTS

The following reports, plans, or documents were distributed by the Navy in the current reporting period:

- \* None.

3. **Problems Encountered and Resolutions:**

- \* None.

4. **Meetings and Reports Scheduled for December and January:**

MEETINGS

- \* The Navy will meet on December 1, 1993, to discuss the BRAC Cleanup Plan (BCP) environmental program status and strategy, followed by meetings on December 6, 13, and 15 to discuss BCP schedules, technical/operational issues, early actions, innovative technologies, and disposal process/reuse options.
- \* The Navy will meet with DTSC personnel on December 7, 1993, at NAS Alameda for the purpose of visiting selected IR sites to identify additional data gaps that should be addressed during the upcoming follow-on field work activities.
- \* The Navy will meet on January 5, 1994, at NAS Alameda, to discuss BCP issues, and in preparation for the upcoming Restoration Advisory Board (RAB) meeting.
- \* The Navy will attend the RAB meeting on January 12, 1994, at the DTSC office in Berkeley at 0900 hours.

REPORTS

The following reports, plans, or documents are scheduled for distribution by the Navy in the next reporting period:

- \* Draft Site 15 IRA Implementation Report December 6, 1994
- \* Draft Site 7A IRA Implementation Report January 10, 1994
- \* Draft Site 5 Letter Report Pending response to regulatory comments
- \* Draft IMF IRA Implementation Report Pending response to regulatory comments
- \* Final Site Management Plan Pending inclusion into FFSRA
- \* Draft Final Phase 2A FSP Pending response to regulatory comments, and addition of sampling locations based on December 7, 1993 site walk

- \* Draft Final RI/FS Work Plan Addendum Pending regulatory responses, and responses to community comments
- \* Final Phases 2B/3 FSP Pending response to regulatory comments, and addition of sampling locations based on December 7, 1993 site walk
- \* Final Phases 5/6 FSP Pending response to community comments
- \* Final IMF IRA Implementation Work Plan Pending regulatory comments

**Activities Planned for December and January:**

Phases 1 and 2A RI/FS

- \* The Navy will respond to comments on the Draft Phase 2A FSP for conducting additional field work at the Phase 2A sites.
- \* The Navy will continue contracting activities for implementing the follow-on field work at the Phase 2A sites.

Phases 2B and 3 RI/FS

- \* The Navy will prepare and submit the Site 7A IRA Draft Field Investigation Work Plan. Field activities will include drilling and sampling of additional soil borings and monitoring wells.
- \* The Navy will prepare and submit the Site 15 IRA Draft Field Investigation Work Plan. Field activities will include sampling using PCB immunoassay kits and submittal of confirmation samples to the analytical laboratory.
- \* The Navy will begin mobilization efforts related to start-up of the follow-on RI/FS field work at Sites 4, 5, 8, 10A, 12 and 14.
- \* Upon inclusion of agency comments on the letter report on the additional site work required at Site 5, the Navy will finalize and incorporate the Site 5 Letter Report and Draft Final Second Round Groundwater Sampling Report into the final Modification (Mod) No. 01 Data Summary Report (DSR).
- \* The Navy will continue contracting activities for implementing the follow-on field work at the remaining Phases 2B and 3 sites, including a site walk on December 7, 1993, to identify any possible data gaps within selected RI sites.

Phase 4 Ecological Assessment Study

- \* Work will continue on the generation of the Draft Ecological Assessment Report. The draft report is expected for review in late January 1994.

Phases 5 and 6 RI/FS

- \* The Navy will finalize the Phases 5 and 6 Follow-On FSP pending receipt of DTSC responses to community member comments.
- \* The Navy will continue contracting activities for implementing the follow-on field work at the Phases 5 and 6 sites (Site 1 and Site 2).
- \* The Navy will finish responses to regulatory and public comments as received on the Draft Final RI/FS Work Plan Addendum.

IMF Interim Removal Action

- \* Based on the results of the confirmatory soil sampling, the Navy will begin preparation of a summary report on the IRA performed at the IMF site.
- \* Pending DTSC/RWQCB concurrence, the Draft Final Implementation Work Plan submitted on October 26, 1993, will be formally finalized.

Site Management Plan

- \* The Navy will review, and incorporate where appropriate, regulatory comments to the draft SMP as they are received.