

5090
Ser T4E2GM/L4020
10/26/93

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

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

Encl: (1) Monthly Status Report - September 1993

1. Enclosure (1) is the Monthly Status Report for the month of September 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 T4E2GM, (415) 244-2524 or Mr. George Kikugawa, Code T4E2GK, (415) 244-2559.

original signed by:
MARCELO G.PASCUA
By direction

Distribution:

California Department of Toxic Substances Control (Attn: Tom Lanphar)
California Regional Water Quality Control Board (Attn: James Nusrala)
California Department of Fish & Game (Attn: Michael Martin)
US Environmental Protection Agency (Attn: Julie Anderson Rubin)
US Fish & Wildlife Service (Attn: Steve Schwarzbach)
US Department of the Interior (Attn: William Allen)
US Army Corps of Engineers (Attn: Sharon Moreland)
National Oceanic & Atmospheric Administration (Attn: Denise Klimas)
Bay Area Air Quality Management District (Attn: Nancy Yee)
Bay Conservation and Development Commission (Attn: Steve McAdam)
Community Advisory Committee (Attn: Roberta Hough/Lyn Stirewalt)

Copy to:

NAS Alameda (Attn: Lt. Mike Petouhoff)
NADEP Alameda (Attn: Paul Pentony)
COMNAVBASE San Francisco (Attn: Randy Friedman)
PRC Environmental Management, Inc. (Attn: Duane Balch)
Montgomery Watson (Attn: Ken Leung)

Blind copy to:

T4E; T4E2GM; T4E2GK
Admin Record (w/3 copies)
WRITER: G. Munekawa/T4E2GM/X2524
Chron, blue, pink, green
FILE: Alameda/NAS

INSTALLATION RESTORATION PROGRAM
MONTHLY STATUS REPORT
NAVAL AIR STATION ALAMEDA

SEPTEMBER 1993

1. Progress During this Reporting Period:

Phases 1 and 2A

- * Work neared completion on the Field Sampling Plan (FSP) for additional field investigations at the Phase 2A sites (previously investigated by Canonie). The draft Phase 2A FSP is expected to be submitted to the appropriate regulatory agencies by October 12, 1993.

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

- * The Navy met with the Department of Toxic Substances Control (DTSC) and Regional Water Quality Control Board (RWQCB) on September 22, 1993, at the DTSC office in Berkeley for the monthly progress review meeting. Issues discussed included the follow-on FSPs, interim removal actions (IRAs) at Sites 7A, 13, and 15, the RI/FS work plan addendum revision, the Site Management Plan (SMP) for the proposed Federal Facility Site Remediation Agreement (FFSRA) and a presentation on the preliminary results of the Phase 4 ecological assessment.
- * The Navy's CLEAN contractor, PRC, completed additional site work at the Site 5 plating shop on September 21 and 22, 1993, and began generating a letter report summarizing this work and the results of chemical analyses performed on soil and ground-water samples collected during this activity.
- * The Navy distributed draft final copies of the follow-on FSP for the Phases 2B and 3 sites to the appropriate regulatory agencies on September 29, 1993.
- * The Navy continued contracting activities to address possible removal actions at Sites 7A, the Naval Exchange service station, and at Site 15, the former transformer storage area.
- * The Navy continued contracting activities for start-up of the follow-on field work for Sites 4, 5, 8, 10A, 12 and 14 (all Phases 2B/3 sites).

Phase 4, Ecological Assessment Study

- * Data and bioassay analyses were completed in September; benthic analyses and chemical data verification continued; and a pre-draft version of the ecological assessment report was prepared and discussed at the September 22, 1993, monthly progress review meeting at the DTSC office in Berkeley.

Phases 5 and 6 RI/FS (SWAT)

- * The Navy distributed draft final copies of the follow-on FSP for the Phases 5 and 6 sites to the appropriate regulatory agencies on September 29, 1993.
- * Navy review of the draft RI/FS work plan addendum neared completion in late September and distribution of the draft final version to the appropriate regulatory agencies is scheduled for October 13, 1993.

IMF Interim Removal Action

- * The DTSC approved the Navy Public Works Center's (PWC) health and safety plan (HSP) on September 15, 1993.
- * Implementation of the IRA following the DTSC/RWQCB approved implementation work plan (IWP) was begun on September 17, 1993. The phased excavation of lead- and pH-affected soils commenced in phases as per the IWP. Phase 1 excavated an area about 9 x 12 feet laterally and 7 feet vertically. Lab results indicated elevated levels of lead (>100 milligrams per kilogram [mg/kg]) to the south and southwest.
- * After first phase screening results were reviewed and DTSC/RWQCB concurrence obtained, the second phase of excavation proceeded on September 22, 1993, enlarging the excavation to about 13 x 10 feet laterally and 5 to 7 feet deep. With DTSC/RWQCB concurrence, a third phase of excavation was continued south/southwest on September 28, 1993. This left an excavated area of about 20 x 15 feet laterally and 5 to 7 feet deep. Screening soil sample analyses taken after the third phase indicated that lead levels below 100 mg/kg had been reached. Confirmatory soil samples will be collected on October 6 or 7, 1993, and the data reviewed accordingly by the Navy and DTSC/RWQCB.

Site Management Plan

- * The Navy completed and delivered copies of the draft SMP (but without the two- and five-year schedules, which are still being generated) to the DTSC and RWQCB on September 22, 1993.

2. Meetings and Reports During this Progress Period:

MEETINGS

- * The Navy met with the RWQCB on September 2, 1993, to resolve differences in the IRA approach as reflected in the Navy's response to the RWQCB's August 17, 1993 comments on the pre-draft implementation work plan. It was agreed that specific actions described in the IMF IWP would be reviewed in the field and altered if required after discussion with DTSC and RWQCB personnel in the field during excavation activities, otherwise the approach outlined in the work plan was not altered.
- * The Navy met with the RWQCB on September 10, 1993, at the RWQCB office in Oakland to discuss Navy responses to additional RWQCB comments (dated August 12, 1993) on the draft follow-on FSP for the Phases 5 and 6 sites. DTSC personnel joined in the meeting via telephone conference call connection. The location of additional screening or monitoring wells at the landfill site boundaries was discussed.
- * The Navy met with the DTSC and RWQCB on September 22, 1993, at the DTSC office in Berkeley for the monthly progress review meeting.
- * The Navy met on September 24, 1993, at NAS Alameda to discuss incorporation of RCRA sites covered under the facility's Part B permit into the SMP's two- and five-year schedules.
- * The Navy met at NAS Alameda on September 29, 1993, to prepare for the October 6, 1993, Technical Review Committee (TRC) meeting at DTSC in Berkeley. Joe O'Connor of Kinnetics Laboratories, Inc. (KLI) gave a presentation of the analytical results of the ecological assessment. Lt. Mike Petouhoff presented the base closure team (BCT) concept and previewed his presentation to explain to the regulators and interested public how a restoration advisory board (RAB) will be formed to provide a forum for public input on base closure issues affecting NAS Alameda. The RAB will replace the TRC following the next TRC meeting on October 6, 1993.

REPORTS

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

- * Draft Site Management Plan September 22, 1993
- * Draft Final Phases 2B and 3 September 29, 1993
Follow-On Field Sampling Plan
- * Draft Final Phases 5 and 6 September 29, 1993
Follow-On Field Sampling Plan

3. Problems Encountered and Resolutions:

- * None.

4. Meetings and Reports Scheduled for October and November:

MEETINGS

- * The Navy will attend the TRC meeting at the DTSC office in Berkeley at 0900 on October 6, 1993.
- * The Navy will meet with DTSC and RWQCB personnel to present the SMP's draft two- and five-year schedules for the RI/FS and RD/RA activities at NAS Alameda on October 12, 1993.

REPORTS

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

- * Final IMF Site October 11, 1993
Interim Removal Action
EE/CA Report
- * Draft Phase 2A FSP October 12, 1993
- * Draft RI/FS Work Plan October 13, 1993
- * Draft Final Implementation October 26, 1993
Work Plan
- * Final Site Management Plan Pending regulatory
comments on draft SMP

5. Activities Planned for October and November:

Phases 1 and 2A RI/FS

- * The Navy will submit the draft Phase 2A FSP for conducting additional field work at the Phase 2A sites on October 12, 1993.
- * The Navy will begin contracting activities for implementing the follow-on field work at the Phase 2A sites.

Phases 2B and 3 RI/FS

- * The Navy will finalize the Phases 2B and 3 Follow-On FSP pending regulatory comments.
- * The Navy will complete contracting activities to address interim removal actions at Sites 7A, the Naval Exchange service station, and at Site 15, the former transformer storage area.
- * The Navy will complete contracting activities for start-up of the follow-on RI/FS field work at Sites 4, 5, 8, 10A, 12 and 14.
- * Upon completion of a 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 ground-water sampling report into the final Modification (Mod) No. 01 DSR.
- * The Navy will begin contracting activities for implementing the follow-on field work at the remaining Phases 2B and 3 sites.

Phase 4 Ecological Assessment Study

- * Work will continue on the generation of the draft ecological assessment report.

Phases 5 and 6 RI/FS

- * The Navy will finalize the Phases 5 and 6 Follow-On FSP pending regulatory comments.
- * The Navy will begin contracting activities for implementing the follow-on field work at the Phases 5 and 6 sites (Site 1 and Site 2).
- * The Navy will submit the draft final revision of the RI/FS work plan addendum and submit to the regulatory agencies on October 13, 1993.

IMF Interim Removal Action

- * The final IMF IRA engineering evaluation/cost analysis (EE/CA) will be sent to the appropriate regulatory agencies on October 11, 1993.

- * After incorporating the approved PWC HSP, the DTSC/RWQCB-approved version of the draft final implementation work plan will be submitted to the regulatory agencies on October 26, 1993.
- * Depending 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.

Site Management Plan

- * The Navy will submit draft versions of the two- and five-year work schedules and discuss the proposed operable units outlined in the SMP with the DTSC and RWQCB at a meeting on October 12, 1993.
- * The Navy will review, and incorporate where appropriate, regulatory comments to the draft SMP as they are received.