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

Encl: (1) Monthly Status Report - FEBRUARY 1993

1. Enclosure (1) is the Monthly Status Report for the month of February 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 1811GM, (415) 244-2524 or Mr. George Kikugawa, Code 1811GK, (415) 244- 2559.

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**INSTALLATION RESTORATION PROGRAM
MONTHLY STATUS REPORT
NAS ALAMEDA**

FEBRUARY 1993

1. Progress During this Reporting Period:

Phases 1 and 2A

- * The Navy and its contractor (PRC and PRC's team firm J.M. Montgomery) began incorporating recommendations made in the draft final Phases 1 and 2A data summary report (DSR) for the landfill sites (part of Phase 1 under Canonie's 1990 investigation) into the follow-on work plan document being prepared for the additional field work required at these sites (Sites 1 and 2, as investigated during Phases 5 and 6 by the PRC team).

Phases 2B and 3 RI/FS

- * On February 16, 1993, the Navy received DTSC review of the Navy's "Addendum, Second Round Ground-Water Sampling Report." With only minor modification, the document was accepted by the DTSC for finalizing. Pending additional site work required at Site 5, and generation of a Site 5 letter report for review by the DTSC/RWQCB, the Navy will wait to finalize and incorporate the second round addendum and the Site 5 letter report into the final Background and Tidal influence Studies and Additional Work at Sites 4 and 5 DSR (approved for finalization by the DTSC on January 22, 1993).
- * At a progress review meeting with the DTSC and RWQCB on February 19, 1993, the Navy presented its approach and rationale for additional work at the Phases 2B and 3 sites. General concurrence on sampling points and locations was reached, and prioritization of sites was discussed. The PRC team began incorporating suggested changes into the follow-on work plan document being generated.

Phase 4, Ecological Assessment Study

- * PRC and Kinnetics continued document review, and land surveying activities at the air station wetlands as part of the implementation of an ecological assessment at NAS Alameda. Kinnetics began offshore sampling activities, and began sampling of selected stormwater discharge locations.

Phases 5 and 6 RI/FS (SWAT)

- * At a technical review meeting with the DTSC and RWQCB on February 2, 1993, the Navy presented its approach and rationale for additional work at the Phases 5 and 6 landfill sites. General concurrence on sampling points and locations was reached, with several additional well locations and

sampling data requested by both the DTSC and RWQCB. The PRC team began incorporating suggested changes into the follow-on work plan document being generated.

IMF Interim Remedial Action

- * Following a technical review meeting with the DTSC and RWQCB on February 2, 1993, the Navy agreed to perform a modified approach to the implementation of a Plan of Action and Milestones (POAM) and Engineering Evaluation/Cost Analysis (EE/CA) for low pH and lead in soils at the Intermediate Maintenance Facility (IMF). Rather than perform a lengthy and time-consuming POAM and EE/CA, the Navy will perform an interim remedial action that follows a streamlined POAM and EE/CA approach that is acceptable to the DTSC. As agreed to by the DTSC, the Navy will excavate low pH/elevated lead soils from around boring B-7. Alternatives for treatment and/or disposal of the soil will be evaluated as part of the modified approach. The PRC team began generating a technical memorandum that outlines the excavation methodology and the evaluation of treatment and/or disposal alternatives.

2. Meetings and Reports During this Progress Period:

MEETINGS

- * The Navy and the PRC team met with the DTSC and RWQCB on February 2, 1993, at the DTSC, to discuss the removal action approach at the IMF facility, and to discuss the technical approach for additional site investigations at the Phases 2B, 3, 5 and 6 RI/FS sites.
- * The Navy and the PRC team met at NAS Alameda on February 17, 1993 to discuss ongoing activities at NAS Alameda; and on February 19, 1993, attended the monthly progress review meeting at the DTSC office in Berkeley with DTSC and RWQCB personnel.

REPORTS

- * None.

3. Problems Encountered and Resolutions:

- * None.

4. Meetings and Reports Scheduled for March and April 1993:

MEETINGS

- * The quarterly Technical Review Committee (TRC) has been rescheduled from March 3, 1993, to 9 AM on March 4, 1993, at the DTSC office in Berkeley.

- * The Navy and the PRC team will meet at NAS Alameda on March 26, 1993 to discuss ongoing activities at NAS Alameda; and on March 31, 1993, will attend the monthly progress review meeting at the DTSC office in Berkeley with DTSC and RWQCB personnel to discuss the removal action approach and soil treatment/disposal alternatives at the IMF facility, to discuss the technical approach for additional site investigations at the Phases 2B, 3, 5 and 6 RI/FS sites, and to discuss the RI/FS schedule.

REPORTS

- * The Navy will submit a technical memorandum and treatment/disposal alternatives report discussing the interim remedial action approach and soil treatment/disposal alternatives at the IMF facility on April 1, 1993.
- * Pending receipt of any additional comments from the DTSC or RWQCB, or comments on Navy response comments, the Navy will finalize the SWAT report.
- * The Navy will submit the follow-on work plan documents for the Phases 2B and 3 sites, and for the Phases 5 and 6 sites to the DTSC and RWQCB on April 8, 1993.

5. Activities Planned for March and April 1993:

Phases 1 and 2A RI/FS

- * Upon receipt of comments on the draft final Phases 1 and 2A DSR from the California Department of Toxic Substances Control (DTSC) and Regional Water Quality Control Board (RWQCB), expected in early March 1993, modifications to the follow-on work plan document will be made as necessary.
- * The Navy will issue a statement of work (SOW) for preparing work plan documents for conducting additional field work at the Phase 2A sites requiring further investigation in concurrence with the DTSC and RWQCB.

Phases 2B and 3 RI/FS

- * The Navy will issue an SOW for completing the remaining Site 5 field work activities. Pending negotiation and award of this SOW, The Navy's contractor will perform the remaining sampling at the Site 5 plating shop.
- * The Navy's contractor will continue preparation of the work plan for additional field work and sampling activities for the Phases 2B and 3 sites.

Phase 4 Ecological Assessment Study

- * Field sampling activities will continue.

Phases 5 and 6 RI/FS

- Pending receipt of subsequent DTSC comments to Navy responses, the Navy will finalize the SWAT report.
- The Navy's contractor will begin preparation of the work plan for additional field work and sampling activities for the Phases 5 and 6 sites (Sites 1 and 2).

IMF Interim Remedial Action

- The Navy's contractor will incorporate DTSC/RWQCB comments on the technical memorandum and treatment/disposal alternatives report as necessary. An SOW for implementing the plans and specifications required for the interim remedial action will be generated.