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11 Oct 1996

From: Commanding Officer, Engineering Field Activity, West, Naval Facilities Engineering
Command

To: Distribution

Subj: REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS) FOR
NAVAL STATION TREASURE ISLAND (NAVSTA TI)

Encl: (1) Monthly Status Report - August 1996
(2) Monthly Status Report - September 1996

1. Enclosures (1) and (2) are provided for your use and information.
2. Thank you for your guidance and involvement in this project. For further information, please call me at (415) 244-2560.

Original signed by:

ERNESTO M. GALANG
By direction of
the Commanding Officer

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NAVAL STATION TREASURE ISLAND (NAVSTA TI)

Community RAB Members:

Mr. Joseph Alcedo	Mr. Daniel McDonald
Mr. James Aldrich	Ms. Karen Mendelow
Mr. John Allman	Mr. Rick Nedell
ARC Ecology (Mr. Saul Bloom)	Ms. Patricia Nelson (Co-Chair)
Mr. Charles Boatman	Mr. Henry Ongertth
Mr. Hans Christensen	Ms. Dale Smith
Mr. William Foster	Mr. Timothy Such
Mr. Richard Hansen	Mr. Thomas Thompson
Mr. Fred Hayden	TI Museum (Ms. Laurie Glass)
Mr. Paul Hehn (Alt. Co-Chair)	TI Yacht Club (Mr. Harlan Van Wye)
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**INSTALLATION RESTORATION PROGRAM
MONTHLY STATUS REPORT
NAVAL STATION, TREASURE ISLAND
AUGUST 1996**

1. PROGRESS DURING THIS PERIOD

Continued the interim source control activity (floating product removal) at Site 06, well W-3.

Continued the update of the community relations plan.

Continued the RI report preparation including the baseline human health risk assessment and ecological risk assessment.

Continued the development of the no action decision document for Sites 01 and 03.

Continued the quarterly groundwater sampling event.

Continued the fieldwork for the air sampling and sample collection for the soil bioremediation treatability study.

Completed the work plan for the total petroleum hydrocarbon (TPH) toxicity testing of soils at NAVSTA TI.

Completed the technical memorandum for Phase IIB RI additional characterization at sites 12 & 17.

2. MEETINGS AND REPORTS DURING THIS PERIOD

Meetings:

August 21, 1996 - RPM/BCT Monthly Meeting

August 27, 1996 - Restoration Advisory Board (RAB) Meeting

Reports:

Monthly Progress Report/Meeting Minutes

Draft Interim Groundwater Monitoring Work Plan

Technical Memorandum: Phase IIB RI Additional Characterization at Sites 12 & 17

Ecotoxicological Testing Sampling and Analysis Plan for development of Petroleum Cleanup Goals

3. PROBLEMS ENCOUNTERED AND RESOLUTIONS

The submittal of the draft RI report has been delayed and the Navy has requested a schedule extension of sixty (60) days. The Navy has been working with the Bay Area Region Biological Technical Advisory Group (BTAG), which consists of the federal and state regulatory agencies, to develop regional toxicity reference values for use in the Navy's ecological risk assessments. The toxicity reference values are an important element in evaluating the exposure to ecological receptors. Because development of the regional

toxicity values has not been completed, the Navy is unable to complete the onshore ecological risk assessment and the draft RI report for NAVSTA TI.

The schedule extension will allow sufficient time for development of the toxicity reference values and completion of the onshore ecological risk assessment. In addition, with this extension it is anticipated that the results of the ongoing air sampling can be incorporated into the human health risk assessment and the draft RI report. By including these components, the draft RI report will be a more comprehensive document and will help further to evaluate the potential risks to human health and the environment.

The BCT discussed the issues regarding the delay of the RI report submittal and the proposed schedule at the August 19, 1996 BCT meeting. The BCT has agreed to the proposed schedule and a revised FFSRA Appendix D will be submitted.

4. MEETINGS AND REPORTS SCHEDULED FOR THE NEXT TWO MONTHS

Meetings:

September 18, 1996 - RPM/BCT Monthly Meeting
September 24, 1996 - Restoration Advisory Board (RAB) Meeting
October 8, 1996 - RPM/BCT Monthly Meeting
October 22, 1996 - Restoration Advisory Board (RAB) Meeting

Reports:

Project Monthly Status Report/Meeting Minutes
Final Quality Assurance Project Plan for the Phase II Ecological Risk Assessment
Final Interim Groundwater Monitoring Work Plan
Draft Remedial Investigation Report
Draft Remedial Action Plan for Sites 01 and 03
Revised Community Relations Plan
Quarterly Groundwater Sampling Report

5. ACTIVITIES PLANNED FOR THE NEXT TWO-MONTH PERIOD

Continue the removal of floating product at IR Site 06.

Continue the development of no action decision document for Sites 01 and 03.

Continue the update of the community relations plan.

Continue the preparation of the final interim groundwater monitoring work plan.

Continue the RI report preparation including the baseline human health risk assessment and the ecological risk assessment.

Continue the bench scale soil bioremediation treatability study.

Continue the VOC air sampling.

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Continue the development of the work plan for the total petroleum hydrocarbon (TPH) toxicity testing of soils at NAVSTA TI.

Continue the quarterly groundwater monitoring and report for June 1996.

Initiate the preparation of corrective action plan (CAP) for the nine IR sites transferred to the petroleum program.

**INSTALLATION RESTORATION PROGRAM
MONTHLY STATUS REPORT
NAVAL STATION, TREASURE ISLAND
SEPTEMBER 1996**

1. PROGRESS DURING THIS PERIOD

Continued the interim source control activity (floating product removal) at Site 06, well W-3.

Continued the update of the community relations plan.

Continued the RI report preparation including the baseline human health risk assessment and ecological risk assessment.

Continued the development of the no action decision document for Sites 01 and 03.

Completed the quarterly groundwater sampling event.

Completed the fieldwork for the air sampling and sample collection for the soil bioremediation treatability study.

2. MEETINGS AND REPORTS DURING THIS PERIOD

Meetings:

September 18, 1996 - RPM/BCT Monthly Meeting

September 24, 1996 - Restoration Advisory Board (RAB) Meeting

Reports:

Monthly Progress Report/Meeting Minutes

Quarterly Groundwater Sampling Report - June 1996

3. PROBLEMS ENCOUNTERED AND RESOLUTIONS

The submittal of the draft RI report has been delayed and the Navy has requested a schedule extension of sixty (60) days. A revised Federal Facility Site Remediation Agreement (FFSRA) Appendix D (Revised 09/10/96) was submitted to the regulatory agencies in Navy letter Ser 1832.5EG/6365 dated 10 September 1996.

4. MEETINGS AND REPORTS SCHEDULED FOR THE NEXT TWO MONTHS

Meetings:

October 8, 1996 - RPM/BCT Monthly Meeting

October 22, 1996 - Restoration Advisory Board (RAB) Meeting

November 6, 1996 - RPM/BCT Monthly Meeting

November 19, 1996 - Restoration Advisory Board (RAB) Meeting

Reports:

Project Monthly Status Report/Meeting Minutes
Final Quality Assurance Project Plan for the Phase II Ecological Risk Assessment
Final Interim Groundwater Monitoring Work Plan
Draft Remedial Investigation Report
Draft Remedial Action Plan for Sites 01 and 03
Revised Community Relations Plan

5. ACTIVITIES PLANNED FOR THE NEXT TWO-MONTH PERIOD

Continue the removal of floating product at IR Site 06.

Continue the development of no action decision document for Sites 01 and 03.

Continue the update of the community relations plan.

Continue the preparation of the final interim groundwater monitoring work plan.

Continue the RI report preparation including the baseline human health risk assessment and the ecological risk assessment.

Continue the bench scale soil bioremediation treatability study.

Continue the development of the work plan for the total petroleum hydrocarbon (TPH) toxicity testing of soils at NAVSTA TI.

Continue the preparation of corrective action plan (CAP) for the nine IR sites transferred to the petroleum program.