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

To: Distribution

SUBJ: MONTHLY PROGRESS REPORT FOR JULY 1995, ENGINEERING FIELD ACTIVITY WEST, NAVAL FACILITIES ENGINEERING COMMAND, HUNTERS POINT ANNEX, SAN FRANCISCO, CA

Encl: (1) July 1995 Monthly Progress Report

1. Enclosure (1) is forwarded for your information.
2. If you have any questions, please contact the undersigned at (415)244-257.

Original Signed by:

RICHARD POWELL

By direction of the Commanding Officer

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ACTIVITY WEST, NAVAL FACILITIES ENGINEERING COMMAND, HUNTERS
POINT ANNEX, SAN FRANCISCO, CA

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**INSTALLATION RESTORATION PROGRAM
MONTHLY PROGRESS REPORT**

JULY 1995

**NAVAL FACILITIES ENGINEERING COMMAND
HUNTERS POINT ANNEX**

1. PROGRESS DURING THE REPORT PERIOD

The following activities were accomplished during the report period:

- **CLEAN I Fieldwork:**

Remedial investigation activities in Parcels B and C continued, consisting primarily of fieldwork. In addition, planning of aquifer tests at IR-28 and IR-58 continued; aquifer characteristic, groundwater chemistry and lithology were evaluated for the need and suitability of constant-rate discharge aquifer testing in Parcel C; well and piezometer locations were selected for constant rate tests and piezometers installed. The field work remaining for these two parcels includes borings at limited access sites, slug test evaluation, performance of constant rate discharge tests, filter/non-filter study (field work completed in July). Depending on contractual factors, some of this field work may or may not be combined with the remaining field work at the site assessment sites. Data interpretation of previously collected data continues.

The field work in Parcels D and E was stopped on October 28, 1994 as a result of funding/contracting complications. Presently, the only work being conducted is filter/non-filter study (field work completed in July), ongoing posting of sample locations on maps, input of the sample information and results from validated data into the chemical database, input of the boring log data into the database, and interpretation and evaluation of existing datasets.

- **CLEAN II Fieldwork:**

Remaining field work in all of the parcels, which includes the remaining CTO 276 Parcels D and E fieldwork which was stopped and the site assessment sites which are being investigated under CLEAN II began in mid-July. The collection of soil samples and hydropunch water samples began in Parcel B at IR-23, IR-60, IR-61, and IR-62. Additional field work conducted in Parcel B consisted of slug testing 40 existing monitoring wells and aquifer testing of two of those monitoring wells. Ongoing work includes the installation of monitoring wells based on the hydropunch results, and the installation of piezometers for future aquifer testing. Soil sampling is expected to be completed by early August in Parcel B with remaining work comprised of installation of monitoring wells, piezometers, and aquifer testing of new well. Field work consisting of soil and hydropunch sampling is expected to begin in mid-August in Parcel D.

- Public summaries of the Phase II Air Sampling Report and the Hunters Point Ambient Level (HPAL) Report are currently undergoing internal review and are expected to be submitted with the reports in late August.
- At the Pickling and Plate Yard (IR-9) Removal Action Project, work continued on the removal of contaminated materials.
- The stormwater monitoring for Parcel A continues. The dry season sampling was conducted on May 26, 1995. A report of the findings is in preparation.
- Chem-Nuc sampled approximately 100 drums of IDW for potential radioactivity. They will return at a later time to complete the sampling.
- Remaining 1,500 tons of sandblast grit stored at Parcel E was trucked to Orland Asphalt in Orland, California for the recycling project. A local trucking firm was utilized to move the grit to Orland. There are no more sandblast grit remaining at HPA to be used in the recycling project.

2. REPORTS SUBMITTED AND MEETINGS

Meetings

- The Navy met with the regulatory agencies on July 12, 1995 to discuss the proposed removal actions and schedules.
- The scheduled RAB meeting on July 27, 1995 was canceled due to lack of available meeting space.

Submittals

- Draft Quality Assurance Plan for the Ecological Risk Assessment Phase IB Work Plan was submitted on July 5, 1995.
- Draft Final, Treatability Study Work Plan for Treating Subsurface Petroleum Products at Site IR-3 by Biodegradation was submitted on July 10, 1995.
- Proposed Removal Actions schedules were submitted to regulatory agencies on July 24, 1995.

3. PROBLEMS ENCOUNTERED AND RESOLUTIONS

- The FFA interim schedules have been renegotiated since the project has encountered a minimum of 13 months delay due to lack of funding and contract capacity. The newly approved schedules were to be distributed to the individuals that received a copy of the BCP in mid-July. However, due to problems in production, the scheduled distribution has been deferred to mid-August.

- The approach to calculating the background levels at HPA was agreed to by the Navy and the regulatory agencies on January 17, 1995. As a result, the technical memorandum on background levels has been revised using the new protocols and will be submitted following the completion of the public summary. The public summary is undergoing internal review and submittal is expected in mid-August.

4. **REPORTS AND ACTIVITIES FOR AUGUST 1995**

Documents Scheduled for August 1995 Submittal

- Parcel A Final Proposed Plan to the Agencies and to the public
- Parcel A Draft Final RI/FS Report
- Draft Facility-Wide Air Monitoring Phase II Report
- Response to Comments on Parcel B and E Radiation Survey
- Addendum to the Facility-wide Groundwater Monitoring Plan
- Draft Calculation of Hunters Point Ambient Levels.
- Response to ARC Comments on Parcel C and D Draft Site Inspection Report.

Activities Planned for August 1995

- Continue removal actions at the Pickling and Plate Yard (IR-9) Project.
- Continue preparation of Dry Dock 4 removal action documentation.
- Continue bench scale testing for Tank Farm (IR-6) soil remediation removal action.
- Continue remedial investigation in Parcels B and C; continue with the revised scope of work in D and E. Continue field investigation of site assessment sites and the proposed work under CTO 276 for Parcels D and E which was stopped.
- Prepare for radiation screening of NRDL sites, following acceptance of a proposed workplan to be submitted to the agencies.
- Prepare finalized removal actions schedules for submission to the regulatory agencies.
- Prepare for a meeting between the Navy and the regulatory agencies and the San Francisco Redevelopment Agency on August 9, 1995 to discuss the upcoming Environmental Baseline Survey.
- Prepare for the Public Meeting for the Parcel A Proposed Plan on August 22, 1995.

- Public meeting on August 22, 1995 for Parcel A Proposed Plan.
- RAB meeting on August 23, 1995.

5. KEY PERSONNEL CHANGES

As the work on the RI/FS at Hunters Point Annex progresses into funding under the CLEAN II contract, new subcontractors will be involved, specifically Uribe & Associates and Levine-Fricke. The specific individuals with each of the two firms will be called out in the August progress report.

6. PERCENTAGE OF PROJECT COMPLETION

Please note that the listing of percentage of project completion has been substantially revised to better reflect ongoing project activities. Those sections dealing with previously conducted work in the organizational limits such as OUs and groups have been incorporated into the parcel-wide RI work. In addition, a new section addressing the treatability studies and removal actions has been added for a more complete description of project activities.

ACTIVITY/DELIVERABLE

PERCENTAGE COMPLETE

PARCEL B

- | | |
|--|------|
| • SI Sampling, Analysis and Interpretation | 100% |
| • Draft SI Report | 100% |
| • Draft Final SI Report | 98% |

RI Work (Excluding Site Assessment Sites)

- | | |
|-------------------------------------|-----|
| • RI Sampling | 95% |
| • RI Lab Analysis/Data Validation | 75% |
| • RI Data Management/Interpretation | 68% |

RI Work at Site Assessment Sites

- | | |
|-------------------------------------|-----|
| • RI Sampling | 30% |
| • RI Lab Analysis/Data Validation | 5% |
| • RI Data Management/Interpretation | 0% |

RI Work (Including Site Assessment Sites)

ACTIVITY/DELIVERABLE

PERCENTAGE COMPLETE

- RI Data Presentation 0%
- Draft RI Report 0%
- Draft Final RI Report 0%

PARCEL C/DRY DOCK NO. 4

- SI Sampling, Analysis and Interpretation 100%
- Draft SI Report 100%
- Draft Final SI Report 98%

RI Work (Excluding Site Assessment Sites)

- RI Sampling 82%
- RI Lab Analysis/Data Validation 68%
- RI Data Management/Interpretation 62%

RI Work at Site Assessment Sites

- RI Sampling 0%
- RI Lab Analysis/Data Validation 0%
- RI Data Management/Interpretation 0%

RI Work (Including Site Assessment Sites)

- RI Data Presentation 0%
- Draft RI Report 0%
- Draft Final RI Report 0%

ACTIVITY/DELIVERABLE**PERCENTAGE COMPLETE****PARCEL D**

- SI Sampling, Analysis and Interpretation 100%
- Draft SI Report 100%
- Draft Final SI Report 98%

RI Work (Excluding Site Assessment Sites)

- RI Sampling 90%
- RI Lab Analysis/Data Validation 65%
- RI Data Management/Interpretation 40%

RI Work at Site Assessment Sites

- RI Sampling 2%
- RI Lab Analysis/Data Validation 0%
- RI Data Management/Interpretation 0%

RI Work (Including Site Assessment Sites)

- RI Data Presentation 0%
- Draft Final RI Report 0%

PARCEL E

- SI Sampling, Analysis and Interpretation 100%
- Draft SI Report 100%
- Draft Final SI Report 98%

RI Work (Excluding Site Assessment Sites)

- RI Sampling 90%
- RI Lab Analysis/Data Validation 60%
- RI Data Management/Interpretation 50%

ACTIVITY/DELIVERABLE**PERCENTAGE COMPLETE****RI Work At Site Assessment Sites**

- RI Sampling 0%
- RI Lab Analysis/Data Validation 0%
- RI Data Management/Interpretation 0%

RI Work (Including Site Assessment Sites)

- RI Data Presentation 0%
- Draft RI Report 0%
- Draft Final RI Report 0%

TREATABILITY STUDIES/REMOVAL ACTIONS**OU I Sites**

- Draft IR-3 Treatability Study work plan for:
 - (1) Chemically and Thermally Enhanced Recovery 100%
 - (2) Bioremediation 100%
- Draft Final IR-3 Treatability Study Work Plan for:
 - (1) Chemically and Thermally Enhanced Recovery 100%
 - (2) Bioremediation 65%
- Draft Radium Removal Treatability Study for IR-2 0%
- Draft Final Radium Removal Treatability Study for IR-2 0%
- Draft Containment Options Study at OU I (deleted)
- Draft Final Containment Options Study at OU I (deleted)

Group 5 Sites

- Draft Treatability Study Work Plan/Action Memorandum for Recommended Interim Removal Actions at IR-11, 12, 14, and 15 0%
- Draft Final Treatability Study Work Plan/Action Memorandum for Recommended Interim Removal Actions at IR-11, 12, 14, and 15 0%

ACTIVITY/DELIVERABLE**PERCENTAGE COMPLETE****Removal Actions****Pickling & Plate Yard, IR-9**

- Implementation of Removal Action at Pickling and Plate Yard, IR-9 40%
- Draft Summary Report of Removal Actions at Pickling and Plate Yard, IR-9 0%
- Draft Final Summary Report of Removal Actions at Pickling and Plate Yard, IR-9 0%

Soil at IR-6, Tank Farm

- Implementation of Removal Action of Soil and Free Product in Soil at IR-6 20%
- Draft Summary Report of Removal Action of Soil and Free Product in Soil at IR-6 0%
- Draft Final Summary Report of Removal Action of Soil and Free Product in Soil at IR-6 0%
- Soil Sampling for Bioremediation Bench Scale Study 100%

Sandblast Grit Recycling

- Implementation of Sandblast Grit Recycling at OU I 85%
- Draft Summary Report of Sandblast Grit Recycling at OU I 0%
- Draft Final Summary Report of Sandblast Grit Recycling at OU I 0%

Facility-wide Investigations

- Draft Phase II Air Sampling Report 85%
- Ecological Risk Assessment Phase IA 94%
- Preparation of Ecological Risk Assessment Phase 1B Work Plan 80%
- Ecological Risk Assessment Phase IB Implementation 0%
- Quarterly Groundwater Monitoring Implementation (OU II sites) 90%
- Hydrogeologic Conceptual Model Technical Report 85%

ACTIVITY/DELIVERABLE

PERCENTAGE COMPLETE

- Site-wide Radiological Assessment

25%

Richard Powell

RICHARD POWELL
LEAD REMEDIAL PROJECT MANAGER

8-15-95

DATE