

5090
Ser 1832.4/L7014
16 Oct 1996

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

Subj: MONTHLY PROGRESS REPORT FOR SEPTEMBER 1996 ENGINEERING FIELD
ACTIVITY, WEST, NAVAL FACILITIES ENGINEERING COMMAND, HUNTERS
POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA

Encl: (1) September 1996 Monthly Progress Report (MPR)

1. Enclosure (1) is forwarded for your information.
2. If you have any questions, please contact the undersigned at (415) 244-2571.

Original signed by:

RICHARD E. POWELL
By direction of
the Commanding Officer

Distribution:

U.S. Environmental Protection Agency (Attn: Ms. Anna Marie Cook)
Roy F. Weston, Inc. (Attn: Ms. Karla Brasaemle)
California Department of Toxic Substances Control (Attn: Mr. Cyrus Shabahari)
California Regional Water Quality Control Board (Attn: Mr. Richard Hielt)
San Francisco City Attorney (Attn: Mr. John Cooper)
City and County of San Francisco Dept. of Public Health, Bureau of Toxics
(Attn: Ms. Amy Brownell)
National Oceanic & Atmospheric Administration (Attn: Ms. Laurie Sullivan)
U.S. Department of the Interior (Attn: Ms. Nancy Goodson)
U.S. Fish & Wildlife (Attn: Mr. Jim Haas)
Agency for Toxic Substances & Disease Registry (ATSDR) (Attn: Ms. Diane Jackson)
California Department of Fish & Game (Attn: Mr. Mike Martin)
California Office of Environmental Health (Attn: Ms. Margy Gassel)
California Department of Health Services (Attn: Ms. Alyce Ujihara)
Bay Area Air Quality Management District (Attn: Ms. Catherine Fortney)
NAVBASE San Francisco (Bay Area Base Transition Coordinator, Attn: CDR Al Elkins)
Port of San Francisco (Attn: Ms. Karen Glatzel)
RAB Member: Environmental Pro-Tech Ent. (Attn: Mr. Nicholas Sheni Agbabiaka)
RAB Member: BHP Enterprise Council (Attn: Ms. Vanessa Banks)
RAB Member: Ms. Bernestine Beasley
RAB Member: Shipyard Tenants Steering Committee (Attn: Mr. Bill Billotte)
RAB Member: Mr. Sy-Allen Browning
RAB Member: Enterprise Council (Attn: Mr. Anthony Bryant)

Subj: MONTHLY PROGRESS REPORT FOR SEPTEMBER 1996 ENGINEERING FIELD
ACTIVITY, WEST, NAVAL FACILITIES ENGINEERING COMMAND, HUNTERS
POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA

RAB Member: Mr. Kyle Ching
RAB Member: Mr. Robert Christian
RAB Member: Hunters View Development (Attn: Mr. Percy A. Coleman)
RAB Member: UJAMAA (Attn: Ms. Therese Coleman)
RAB Member: ROSE (Attn: Mr. Charles L. Dacus, Sr.)
RAB Member: Mr. Alonzo L. Douglas
RAB Member: SAEJ (Attn: Mr. Vida Edwards)
RAB Member: Ms. Janet Ellis
RAB Member: Labor Neighbor (Attn: Ms. Laurie Espinoza)
RAB Member: Mr. Manual J. Ford
RAB Member: Innes Avenue Coalition (Attn Ms. Jill Fox)
RAB Member: Hillside Homeowners (Attn: Ms. Bonnie Fraenza)
RAB Member: ROSES (Attn: Mr. Greg Freeman)
RAB Member: Lawyers Com. Civil Rights (Attn: Mr. Michael Harris)
RAB Member: Forest Hill Association (Attn: Mr. James A. Heagy)
RAB Member: Mr. David E. Jackson
RAB Member: All Hallows Tenants Association (Attn: Ms. Helen Jackson)
RAB Member: Third Street Task Force (Attn: Ms. Henrietta Jones)
RAB Member: Kern Mediation Group (Attn: Mr. Douglas Kern)
RAB Member: Mr. Anthony LaMell
RAB Member: Shipyard Tenants Association (Attn: Mr. Scott Madison)
RAB Member: UJAMAA (Attn: Ms. Mamie Matthews)
RAB Member: Mr. Khafra K. Omra Zeti
RAB Member: Mr. Hali Papazian
RAB Member: Ms. Dorothy Peterson
RAB Member: St. John's Mission Baptist Church (Attn: Rev. J. P. Pryor)
RAB Member: ARC Ecology (Attn: Ms. Christine Shirley)
RAB Member: Young Community Developers (Attn: Ms. Carol S. Tatum)
RAB Member: Mayor's Hunters Point Shipyard Citizens Advisory Committee
(Attn: Mr. Leon Thibeaux)
RAB Member: All Hallows Young Ladies #182 (Attn: Ms. Erlinda B. Villa)
RAB Member: African American Truckers (Attn: Mr. Charlie Walker)
RAB Member: Senior Citizen Bayview (Attn: Mrs. Osceola Washington)
RAB Member: Ms. Caroline Washington
RAB Member: Ms. Lila Weinberg
RAB Member: Black Leadership Forum (Attn: Ms. Gwendolyn Westbrook)
RAB Member: Mr. Nathaniel White III
RAB Member: San Francisco Enterprise (Attn: Mr. Andre Williams)
RAB Member: Mayor's Hunters Point Shipyard Citizens Advisory Committee
(Attn: Mr. Alfred Williams)
RAB Member: Shoreview Residents Association (Attn: Ms. Patricia Wright)
RAB Member: Mr. Mark Youngkin

5090
Ser 1832.4/L7014
16 Oct 1996

Subj: MONTHLY PROGRESS REPORT FOR SEPTEMBER 1996 ENGINEERING FIELD
ACTIVITY, WEST, NAVAL FACILITIES ENGINEERING COMMAND, HUNTERS
POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA

Copies to:

PRC Environmental Management, Inc. (Attn: Mr. Jim Sickles)
Harding Lawson Associates (Attn: Mr. Carl Michelsen)

Blind copies to:

62.3, 1832, 1832.1, 1832.2, 1832.3, 1832.4
09CMN, 182A, 60B.1, 62C, HPS CSO
Admin Records (3 Copies, w/encl)
Chron, Green
Activity File: HPS (File: L7014LT.DOC) ab

**INSTALLATION RESTORATION PROGRAM
MONTHLY PROGRESS REPORT**

SEPTEMBER 1996

**NAVAL FACILITIES ENGINEERING COMMAND
HUNTERS POINT SHIPYARD**

1. PROGRESS DURING THE REPORT PERIOD

The activities described below were completed during the current report period. Those activities described as complete in the previous monthly progress report have been omitted for brevity. The facility status is as follows:

Field Work:

Remedial investigation fieldwork has been completed for Parcels B, C, and D. Field activities conducted for Parcel E are described below.

The outdoor air sampling in Parcel E was completed between September 18 to September 30, 1996.

All borings and monitoring wells for the three formerly used defense sites (FUDS) were completed in August. The third round of groundwater samples is expected to be collected on schedule at the new monitoring wells in November 1996.

The soil gas survey at AOC-74 (previously SI-74) is scheduled to be completed by mid-October 1996. Aquifer testing on the new monitoring wells in Parcel E was completed.

Analysis of soil samples collected in IR-02 and IR-15 indicated dioxins and furans at low levels at the surface, concentrations decreased with depth. Several additional soil samples were collected at three locations to help define the extent of contamination.

In Parcel E, four new groundwater monitoring wells have been installed off-facility, adjacent to the western boundary of IR-01. The monitoring wells are expected to help define the direction of groundwater flow in the A aquifer at the Hunters Point Shipyard (HPS) boundary. The third round of groundwater samples will be collected by November 15, 1996. Groundwater level measurements will also be completed by that date.

Routine waste management tasks were performed during September, including collecting, sampling, and accumulating investigation-derived waste (IDW) in tanks and bins, and inspecting bin locations and the decontamination pad.

Enclosure (|)

Remedial Investigation Documents:

Parcel A: The Draft Parcel A Finding of Suitability to Transfer (FOST) was submitted to the agencies for review on June 24. Comments were received on July 24 and 25, 1996, from U.S. Environmental Protection Agency (EPA), Department of Toxic Substances Control (DTSC), and the City and County of San Francisco. Responses will be submitted in the Draft Final Parcel A FOST, currently scheduled for submittal in October 1996, pending completion of the legal description of the parcel. The Navy conducted a survey required to prepare the legal description.

DTSC is currently addressing the issue of the notification requirement for the storage of hazardous substances in some buildings at Parcel A, specifically those used by artisan tenants.

RI Reports: The Draft Parcel D RI Report was submitted on June 28, 1996; agency comments were received on August 13, 1996. Preparation of the Draft Final Parcel D RI report is in progress. Progress is ongoing in the preparation of the Parcel C and E RI reports.

FS Reports: The Navy completed the revisions to the Parcel B Draft Feasibility Study (FS) report and submitted the Parcel B Draft Final FS report to the regulatory agencies and community members on September 3, 1996. Responses to comments will be submitted to the agencies concurrent with the incorporation of the responses into the draft final report. The Parcel D Draft FS was submitted to the regulatory agencies on September 26, 1996, and the Navy is awaiting comments. Progress is ongoing in the preparation of the Parcel C FS report.

Proposed Plan Reports: The Navy prepared the Parcel B proposed plan (PP) and submitted the plan to the regulatory agencies on September 3, 1996.

Record of Decision (ROD): The Navy began preparation of the draft ROD for Parcel B.

Removal Actions:

Exploratory Excavations: Exploratory excavation removal activities were initiated on August 8 and continued through September. As of the last week of September the RAC contractor had completed all but one exploratory excavation (EE-12), which requires shoring prior to excavation. Daily field reports are being prepared by the contractor and submitted to the Navy for review.

IR-1/21 Industrial Landfill Groundwater Plume: The Draft IR-1/21 Action Memorandum was submitted on July 19, 1996, and agency comments received on August 29, 1996. The Navy prepared the Final Action Memorandum for IR-1/21 signed September 24, 1996 and sent out October 3, 1996. The final action memorandum reflects agency comments.

IR-3 Waste Oil Ponds: The Navy will prepare responses to the comments received from the agencies and the community on the Draft Final Engineering Evaluation/Cost Analysis (EE/CA) for IR-3. The Base Closure Team (BCT) decided that a final EE/CA would not be prepared.

Storm Drains: The Final Storm Drain EE/CA was submitted for agency review on July 26, 1996. The Draft Storm Drain Action Memorandum was submitted on July 19 and agency comments were received on August 29, 1996. The Navy submitted the Final Action

Memorandum dated September 12 for the Storm Drains which was signed on September 9. The final action memorandum was revised to reflect agency comments.

The Navy procured and contracted with a local small disadvantaged business firm, Cyme, Inc., to provide day-to-day oversight of the Remedial Action Contract (RAC) contractor for the storm drain removal action. Work began during the week of September 23-27 and consisted of initial reconnaissance and setup for video surveying. The RAC contractor estimates that construction of the treatment plant necessary to handle and perform the phase separation of the removed storm drain sediment will be completed during the third week of October. Once the treatment plant is completed, removal of sediments from the storm drain lines will commence.

Tank Farm (IR-6): This work is being performed by Public Works. The public comment period on the EE/CA for this removal action began on June 26, 1996.

Dry Dock 4: This project has been incorporated in the Parcel C Remedial Investigation/ Feasibility Study phase for further study as a CERCLA remediation project.

Ecological Risk Assessment Phase 1B:

The Draft Phase IB Ecological Risk Assessment Report has been divided into two Volumes: Volume I, Part 1 Nature and Extent of Contamination, Part 2 Characterization of Risk to Aquatic Receptors and Volume II, Chemistry and Toxicity Test Results. Volume I, Part 1 was submitted September 30, 1996, and Volume I, Part 2 is proposed to be submitted November 15, 1996. Development of Part 2 of Volume I is underway. Volume II was submitted September 16, 1996. Writing of the Phase 1B report continued. Currently, toxicity reference values (TRV) are being discussed between the Navy and agencies at other Naval facilities; the resultant TRVs will be applied at HPS. Delays in the process of reaching consensus on accepted TRVs may impact results of the Phase 1B study.

Radiation Issues:

Submittal of the Draft Final Phase III Radiation Investigation Field Work Plan was delayed following regulatory agency requests for complete historical documentation to be included. The Navy Radiological Affairs Support Office (RASO) and the regulatory agencies met on July 11 to discuss the documentation process. The Navy has submitted their responses to agency comments as of October 7, 1996. The Navy expects the final draft of the field work plan to be submitted to the regulatory agencies during the week ending October 18, 1996. Additionally, the Navy submitted to the agencies a technical memorandum that addresses the tidal area surrounding IR-02 on June 28, 1996. Written comments have been received from the U.S. EPA, DTSC, and DHS and the Navy is currently preparing responses.

The Navy prepared an abbreviated feasibility study to evaluate the remedial alternatives, costs, public perception, and other factors associated with the removal of radium dials in the landfill. Verbal comments were received from the regulator agencies on June 17; however, the BCT will decide on what follow up is required following receipt of written comments.

Radiation-related field activities conducted during September included weekly inspections and maintenance of drums and bins containing potentially radioactive IDW. The remaining drums and bins of IDW from IR-01 and IR-02 will be chemically characterized and disposed of by a

naval subcontractor in October or November 1996. A subcontractor began surveying and sampling drums and bins of IDW on September 10, 1996. The screening was completed within two weeks, with analytical results are expected to be reported during the week ending October 25, 1996. Following the IDW survey and authorization for release, the IDW will be transported off-site for disposal.

A water sample was collected from the subsurface secondary containment vault outside of Building 364 to confirm that no gamma-emitting radionuclides were above discharge criteria as a part of the Parcel D RI field investigation. Analytical results were inconclusive; therefore, additional samples will be collected and analyzed for gross alpha and beta radioactivity along with gamma emitting radionuclides.

Hunters Point Shipyard Groundwater Ambient Levels (HGAL):

The Navy has developed HGALs for naturally occurring metals that have a maximum contaminant level (MCL), U.S. EPA Region 9 tap water preliminary remediation goal (PRG), or National Ambient Water Quality Criteria (NAWQC). The Navy completed the preliminary statistical analysis for submittal to the regulatory agencies on June 21, 1996. The Navy completed the calculation of HGAL and issued a draft report to the regulatory agencies and community members on September 16, 1996. The Navy continued calculating the effects of mass loading of contaminants of A-aquifer groundwater to the San Francisco bay.

Community Relations:

The Draft Final Revised Community Relations Plan (CRP) was submitted to the regulatory agencies on June 11, 1996; comments were received from DTSC on July 3, 1996. The Navy agreed to respond and plans to submit them in mid-October, 1996.

2. MEETINGS AND REPORTS SUBMITTED

Meetings

The BCT/remedial project manager (RPM) meetings were conducted on September 11, 17, and 24 1996.

A Restoration Advisory Board (RAB) meeting was held on September 25, 1996. The RAB meeting in September consisted of an on-site tour of HPS to familiarize the new RAB members with the ongoing cleanup activities at the facility.

Documents Submitted in September 1996

- IR-1/21 Final Action Memorandum
- Final Storm Drain Action Memorandum
- Draft Proposed Plan for Parcel B
- Draft Final FS Report for Parcel B

- Draft Phase IB Ecological Risk Assessment Report; Volume I, Part 1 Nature and Extent of Contamination and Volume II, Chemistry and Toxicity Test Results
- Technical Memorandum - HGAL Draft Report
- Draft FS Report for Parcel D

3. PROBLEMS ENCOUNTERED AND RESOLUTIONS

Off-site Access for RI Work:

The Navy completed four groundwater monitoring wells off-facility, adjacent to the western boundary of IR-01 in Parcel E. Two of the wells were installed on City of San Francisco property as planned. The other two wells were inadvertently located on State property. The California Department of Parks and Recreation, which manages the property, has arranged for Navy access to these wells.

Petroleum-only Sites at HPS:

The Navy has started the identification of installation restoration sites within Parcels B through E that contain (1) petroleum-only constituents (non-CERCLA hazardous substances) in soils; (2) petroleum constituents with CERCLA substances in soils below screening levels; (3) CERCLA substances in soils above screening levels; and (4) sites that require no further action. The purpose is to segregate petroleum-only in soil and groundwater issues from CERCLA issues for administrative purposes, and inclusion of these sites in a petroleum corrective action plan.

Scope of the Basewide RI Report:

The current Federal Facility Agreement (FFA) lists a deliverable for a Basewide RI Report to accompany the delivery of the Parcel E RI Report. The scope of the Basewide RI is not currently defined. Current discussions concerning the Basewide RI are focusing on a Basewide ROD to address ecological issues. The preparation of the draft Parcel E RI Report before the final reports from the ecological risk assessment may result in a data gap which could support the preparation of a Basewide RI/FS/ROD. The scope of a Basewide RI report and potential Basewide ROD are under discussion between the Navy and the BCT. The Navy submitted a proposed scope of work for the Basewide RI to the agencies on June 14, 1996. The Navy and BCT are still evaluating the need and or scope for a Basewide ROD.

Ecological Risk Assessment:

The current approach for the Phase 1B ecological risk assessment is to use those toxicity reference values (TRV) for avian receptors which have been agreed to by the regulatory agencies for use at other San Francisco Bay Navy installations. The goal of the approach is to provide assessments that use agreed-upon TRVs to establish a uniform Bay Area-wide approach. Since the values necessary for the HPS assessment have not yet been determined during ongoing discussions with the other installations,

the Phase 1B ecological risk assessment could be impacted. Inclusion of TRVs into the HPS assessment that have not been agreed-upon at the other installations could result in a duplication of work once the agreed-upon TRVs have been issued if significant differences are found requiring reanalysis. Solutions to this issue include: (1) submit the Phase 1B report on schedule without the risk assessment section and TRVs, which would be submitted at a later date; or (2) submit the entire report following issuance of the agreed-upon TRVs. This issue is under discussion by the BCT, and a meeting to discuss the last group of TRVs necessary for the HPS assessment is scheduled for early October.

4. REPORTS AND ACTIVITIES FOR OCTOBER 1996

Documents Scheduled for Submittal in October 1996

- Draft Final Parcel A FOST
- Draft Final Proposed Plan for Parcel B
- Final Proposed Plan Published for Parcel B
- Draft ROD for Parcel B
- Draft Final RI Report for Parcel D
- Supplemental SSEBS/FOSL for Building 606
- Final IR-3 Action Memorandum
- IR-3 Implementation Work Plan (IWP)

Activities Planned for October 1996

- **Field Investigations:** Continue with the implementation of groundwater sampling at Parcel E, and finish the soil gas survey at SI-74 in Parcel E.
- **Removal actions:** Continue work at IR 1/21 and IR-6. Continue the removals at the exploratory excavations initiated in August 1996. Continue field work on the storm drain removal action started in September 1996. Continue with the preparation of the documentation for upcoming removal actions.
- **Parcel A Legal Description:** Complete the documentation of the Parcel A survey boundary to provide a legal description for the FOST.
- **Meetings:** Attend the BCT/RPM meeting scheduled for early- to mid-October 1996. Attend the RAB meeting scheduled for October 23, 1996.
- **Radiation Issues:** Initiate the screening of Naval Radiation Defense Laboratory (NRDL) sites which was originally scheduled for September 1996. Continue the radiation-related waste management activities until Radiological Affairs

Support Office's (RASO) contractor takes the IDW off-site. Continue the preparation of the Draft Final Phase III Radiation Investigation Field Work Plan.

- RI/FS Reports: Continue the preparation of the Parcels C, D and E RI reports.
- Proposed Plan: Continue the preparation of the Draft Final Parcel B proposed plan for submittal on October 15, 1996, and prepare for a possible meeting with the agencies regarding any comments. The Final Proposed Plan is currently scheduled for publication on October 22, 1996.
- Draft Record of Decision (ROD) Document: Continue preparation of the Parcel B ROD for submittal on October 17, 1996
- BCT Activities: Prepare for the monthly BCT/RPM meeting.

Community Relations Activities: Prepare for the public meeting on the Parcel B Proposed Plan. Provide ongoing support for the RAB and any other community relations activities requested by the Navy.

5. KEY PERSONNEL CHANGES

None

6. DELIVERABLES STATUS

This listing consists of installation deliverables organized by parcel, multiparcel (or facility wide), and removal actions, and their status. Please note that as deliverables are completed, they will no longer be included in subsequent progress reports.

Parcel A Reports

- Draft Final Parcel A Finding of Suitability to Transfer
Status: Scheduled for submittal to the agencies following completion of legal description of Parcel A.

Parcel B Reports

- Draft Final Parcel B Feasibility Study Report
Status: Submitted to the agencies on September 3, 1996. Agency review period is 30 days.

Parcel C Reports

- Draft Parcel C RI Report
Status: Scheduled submittal to agencies on November 30, 1996. Agency review period is 45 days. Currently undergoing data base quality control, data interpretation, and report preparation.

- Draft Parcel C Feasibility Study Report
Status: Scheduled submittal to the agencies on February 27, 1997. Agency review period is 45 days.

Parcel D Reports

- Draft Final Parcel D RI Report
Status: Scheduled for submittal to the agencies on October 25, 1996. Agency review period is 30 days.
- Draft Parcel D Feasibility Study Report
Status: Submitted to the agencies on September 26, 1996. Agency review period is 45 days.
- Draft Final Parcel D Feasibility Study Report
Status. Scheduled submittal to the agencies on December 26, 1996. Agency review period is 30 days.

Parcel E Reports

- Draft Radiation Investigation of the Tidal Area Surrounding the Bay Area Landfill (IR-02) Technical Memorandum
Status: The report was submitted to the agencies on June 20, 1996. The Navy is currently awaiting agency comments from U.S. EPA, and is preparing responses to comments to those received from DTSC and DHS.
- Draft Parcel E RI Report
Status: Scheduled submittal to agencies on April 29, 1997. Agency review period is 45 days. Currently performing quality control of the Parcel E database.

Parcel F Reports

- Draft Phase 1B Ecological Risk Assessment Report
Status: Submitted to agencies on September 30, 1996. Agency review period is 45 days. The Draft Final report is submitted 45 days after receipt of agency comments.

Multiparcel/Facility-Wide Investigation Reports

- Draft Final Results of Subsurface Radiation Investigation on Parcels B and E
Status: The report was submitted to the agencies in mid July. Waiting on comments from the agencies.
- Draft Final Phase III Radiation Investigation Field Work Plan
Status: Submittal due to the Navy was April 26, 1996; however, due to agency requests for complete historical documentation, the delivery has been delayed pending guidance from RASO and a discussion with the regulatory agencies on

July 11, 1996. The Navy is preparing responses to the agency comments, and expects to submit the responses in October.

- Draft Annual OU II Groundwater Monitoring Report
Status: Submitted to the agencies in June 1996.
- Draft Final Revised Community Relations Plan
Status: Delivered to the agencies on June 11, 1996. Comments were received from DTSC and the proposed responses are still being evaluated by the Navy.
- Final Basewide Environmental Baseline Survey
Status: Submitted to the agencies on June 3, 1996; no comments are expected from the agencies.
- Draft Study of Groundwater Sampling Methods for Metals Technical Memorandum
Status: Distributed to the agencies in May and currently awaiting comments.
- Draft Review of PCB Occurrences in Soil and Groundwater Technical Memorandum
Status: Submitted to the agencies on June 26, 1996.

Removal Actions

- Final IR-1/21 Groundwater Removal EE/CA
Status: Submitted to the agencies on July 26, 1996, with the Draft IR-1/21 Action Memorandum. The IR-1/21 Final Action Memorandum was submitted on September 12, 1996.
- Draft Final IR-3 Floating Product Removal EE/CA
Status: Submitted to the agencies on July 19, 1996, with the Draft IR-3 Action Memorandum. The Final IR-3 Action Memorandum and IR-3 IWP were discussed at the BCT meeting held on September 24, 1996.
- Final Storm Drain Sediment Removal EE/CA
Status: Submitted to the agencies on July 26, 1996, with the Draft Storm Drain Action Memorandum. The Final Storm Drain Action Memorandum was submitted on September 12, 1996
- Draft Construction Summary Report of Pickling and Plate Yard Removal Action
Status: The draft report was submitted to the agencies on August 2, 1996. Agency review period is 30 days.



RICHARD POWELL
LEAD REMEDIAL PROJECT MANAGER

10 - 16 - 96
DATE