

# Navy Monthly Progress Report



## Former Mare Island Naval Shipyard

January 21, 2010



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USS Higgins

## 1.0 INTRODUCTION

The Department of the Navy prepared this monthly progress report (MPR) to discuss environmental cleanup at the former Mare Island Naval Shipyard (Mare Island) in Vallejo, California. This MPR does not discuss cleanup work by the City of Vallejo and its developers, Lennar Mare Island and Weston Solutions, through the Navy's Environmental Services Cooperative Agreements. The work completed under those agreements is reported separately by each party. This MPR discusses progress made during the reporting period from December 4, 2009, through January 21, 2010. The information provided below includes updates to field work and removal actions; document submittals; and the progress of regulatory reviews, issues associated with Navy environmental programs, and Base Realignment and Closure (BRAC) Cleanup Team (BCT) and Restoration Advisory Board (RAB) meetings.

## 2.0 FIELDWORK, REMOVAL ACTIONS, AND UPCOMING EVENTS

The Navy added Building 824 to the polychlorinated biphenyls (PCB) program, which now includes a total of 64 sites. Building 824 contains low levels of PCB contamination and contains transformers actively operated by Island Energy. Twenty-nine of the 64 PCB sites have U.S. Environmental Protection Agency (EPA)-approved PCB Site Cleanup Plans. For a majority of these sites, fieldwork has already begun and includes characterization sampling, remediation, and verification.

The Navy's time critical removal action (TCRA) excavation activities at the Paint Waste Area (PWA) are completed. The final radiological and geophysical surveys for the PWA are currently underway. A total of 1052 radiological items and 17 munitions of explosive concern (MEC) items have been recovered from the PWA during this field event.

The Navy began the non-time critical removal action (NTCRA) field work at Installation Restoration Site 17 and Building 503



**NTCRA work at IR17**

Area (IR17) on December 21, 2009 to temporarily remove portions of the railroad track. Removal of vegetation and installation of silt fencing was performed on January 8, 2010.

Three groundwater monitoring wells were decommissioned beginning on January 11, 2010. NTCRA excavation activities are scheduled to begin in March 2010.

The Navy is continuing excavation of petroleum-impacted soil under and adjacent to Azuar Drive and Dump Road and north of Dump Road (Parcel XVI) in the vicinity of the former Defense Reutilization and Marketing Office (DRMO). As of January 15, 2010, 134,000 cubic yards of impacted soil has been removed and consolidated as subgrade for the engineered cap currently being constructed for the Investigation Area (IA) H1 Containment Area. After confirmation sampling results are obtained for the excavation floor and sidewalls, the excavated areas are being backfilled. The Azuar Drive corridor backfill has been completed, and restoration of the roadway with crushed road and asphalt paving will be completed in February 2010, weather permitting. All field work is expected to be completed in February 2010, weather permitting.



**Excavation of petroleum impacted soil at the DRMO site**

### 3.0 DOCUMENT SUBMITTALS AND PROGRESS OF REGULATORY REVIEW

The Navy submitted 21 documents during the reporting period:

- Final Investigation Summary Report for MEC at Mare Island Strait and Carquinez Strait Sites
- Draft Record of Decision/Remedial Action Plan (ROD/RAP) for IA A2, Former North Building Ways Area
- Draft Final DRMO Remedial Investigation (RI)/Feasibility Study
- Draft IA A2 PCB Site Closure Report for Building 825/ Ground Rocker Arm A61
- Final PCB Site Cleanup Plans for Buildings A17, A44, A58, A71, A191, A192, and A266
- Draft PCB Site Cleanup Plans for Buildings A194, A227, 782, 900, and 1300
- Draft Proposed Plan/Draft RAP for the Marine Corps Firing Range
- Draft Action Memorandum and Work Plan for Building 742
- Revised Draft Final RI for IR04
- Draft Work Plan for J-Lines Pipeline Exterior
- Draft Final Technical Memorandum for the Production Manufacturing Area (PMA) Housing Area

The Navy received comments on or concurrence from the Department of Toxic Substances Control Board (DTSC) on the following documents:

- Draft Engineering Evaluation/Cost Analysis for the Munitions NTCRA Removal Action at the PMA/South Shore Area (SSA)
- Draft Horse Stables Area TCRA Completion Summary Report
- Final TCRA Completion Report for IR04
- Final NTCRA Work Plan for IR17

The Navy received comments on or concurrence from the San Francisco Bay Regional Water Quality Control Board (Water Board) on the following documents:

- Draft Petroleum Corrective Action Report Site Investigation Activities at Former Underground Storage Tank Site 993
- Draft Final Technical Memorandum Assessing MEC as a Contaminant of Concern for the PMA Housing Area

BCT meetings are held regularly with the Navy, DTSC, EPA, and the Water Board to discuss the progress of environmental cleanup at Mare Island. The last BCT meeting took place on Thursday, January 21, 2010.

### REGULATORY REVIEW

#### Fiscal Year-To-Date Progress

The documents presented in the table below include only documents that address sites where the Navy remains responsible for the cleanup work.

|  |    |
|--|----|
| Number of Documents Submitted by the Navy in 2010                  | 21 |
| Number of <b>DTSC</b> Comments Received by the Navy in 2010        | 4  |
| Number of <b>EPA</b> Comments Received by the Navy in 2010         | 0  |
| Number of <b>Water Board</b> Comments Received by the Navy in 2010 | 2  |

#### NAVY CONTACT INFORMATION

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#### RESTORATION ADVISORY BOARD MEETING SCHEDULE

The RAB meets the last Thursday of every month, unless **otherwise noted in bold**. RAB meetings are currently scheduled for the following dates:

- Thursday, February 25, 2010
- Thursday, March 25, 2010
- Thursday, April 29, 2010

Meetings begin at 7:00 pm and are held at the following location:

**Mare Island Conference Center**

375 G Street  
Vallejo, CA 94592