

Navy Monthly Progress Report



Former Mare Island Naval Shipyard

October 27, 2011



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USS Bonhomme Richard

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 developer, Lennar Mare Island, through the Navy's Environmental Services Cooperative Agreement. The work completed under that agreement is reported separately. This MPR discusses progress made during the reporting period from September 22, 2011 through October 27, 2011. The information provided below includes updates to field work and removal actions, document submittals, 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

During the month of October 2011, the Navy continued work on the Polychlorinated Biphenyl (PCB) Removal Program. The Navy conducted work at 3 sites, Buildings 505A, 782, and 824.

Building 505A: PCBs above the action level of 1-ppm were detected in soil and concrete samples associated with a raised concrete pad behind Building 505A, as well as a stormwater discharge pipe. A catch basin and approximately 50 feet of concrete pipe have been removed and soil samples have been taken to confirm cleanup action levels have been met. As the excavation of the pipe approached the wetlands, work practices were modified to include the daily presence of an approved biological monitor and installation of a silt fence at the toe of the wetland berm. At the concrete pad behind the building three rounds of scabbling have resulted in one



Scabbling at Building 824.

3.3-ppm hot spot remaining. The Navy will continue to scabble at that location until 1-ppm PCB concentration has been reached.

Building 782: This past month soil beneath the foundation of the Building 782 was excavated to the water table, a depth of approximately 6-feet. One PCB hot spot of 3.8-ppm remains. Given the proximity of the hot spot to the water table, the Navy decided to stop the soil removal and backfill the excavation. Groundwater testing will be performed at this site in the future under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) program.

Building 824: At Building 824, characterization samples were collected from the building floor (which also serves as the lid to the vault beneath). One PCB "hot spot" was discovered near a former transformer pad. The area underwent four rounds of scabbling and was remediated to below the PCB cleanup action level of 1-ppm. Documentation will be prepared and submitted to the U.S. Environmental Protection Agency (EPA) for concurrence and final closure.

3.0 DOCUMENT SUBMITTALS AND PROGRESS OF REGULATORY REVIEW

The Navy submitted four documents during the reporting period, listed below:

- Installation Restoration (IR) Site 17 and Building 503 Area Proposed Step-out Sampling Locations
- Final Work Plan for the Additional Investigation of Former Underground Storage Tank 993-4
- Follow-up Information for Request for Closure of Solid Waste Management Units 93 and 106 within the Marine Corps Firing Range (MCFR)
- 2011 Annual Monitoring Report for Investigation Area (IA) H1 Wetland and Mitigation Project

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

- Request for Closure of Solid Waste Management Units 93 and 106 within the MCFR.
- Production Manufacturing Area/South Shore Area Work Plan for the Munitions and Explosives of Concern (MEC) Non Time-Critical Removal Action (NTCRA).
- IR05 Draft Final Time Critical Removal Action (TCRA) Completion Report.
- IR Site 17 and Building 503 Area Proposed Step-out Sampling Locations.

The Navy received comments on the following document from the Department of Fish and Game (DFG):

- IR Site 17 and Building 503 Area Proposed Step-out Sampling Locations.

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

- IR05 Draft Final TCRA Completion Report.

Additionally, the Navy received comments from the EPA on the following document:

- Draft Non-Tidal Wetland Area Investigation, IR Site 17 and Building 503 Area.

REGULATORY REVIEW

Year-To-Date Progress

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

Number of Documents Submitted by the Navy in 2011	36
Number of DTSC Comments Received by the Navy in 2011	20
Number of Water Board Comments Received by the Navy in 2011	18
Number of EPA Comments Received by the Navy in 2011	11

BCT meetings are held regularly with the Navy, DTSC, Water Board, and the EPA to discuss the progress of environmental cleanup at Mare Island. The next BCT meeting will be held on Thursday, December 1, 2011.

WESTON UPDATE

During the reporting period, Weston submitted tracked change versions of the Draft Final IA H1 Containment Area Resource Conservation and Recovery Act (RCRA) Closure Certification Report and the Draft Final IA H1 CERCLA Remedial Action Completion Report to the agencies for over-the-shoulder review.

Weston received comments from the DTSC and Water Board on the IA H1 Draft Post Closure Care Plan.

NAVY CONTACT INFORMATION

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RESTORATION ADVISORY BOARD MEETING SCHEDULE

The RAB meets the last Thursday of every other month, **unless otherwise noted in bold**. The next three RAB meetings are scheduled for:

- **December 1, 2011**
- January 26, 2012
- March 29, 2012

Meetings begin at 7:00 pm and are held at:

Mare Island Conference Center
 375 G Street
 Vallejo, CA 94592