

Navy Monthly Progress Report



Former Mare Island Naval Shipyard

August 30, 2012



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R/V Sea Fighter

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. This MPR discusses progress made during the reporting period from July 27, 2012 through August 30, 2012. 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 August 2012, the Navy conducted field work at the Production Manufacturing Area and South Shore Area (PMA/SSA), Installation Restoration (IR) Site 17 and Building 503 Area and Buildings A149 and M160.

PMA/SSA: Intrusive investigation fieldwork supporting the munitions non-time critical removal action (NTCRA) in the PMA/SSA continues. Approximately 9,400 anomalies have been investigated to date. Among these anomalies, 34 munitions and explosives of concern (MEC) items have been found along with approximately 1,092 munitions documented as safe (MDAS) items. Also encountered were 166 small arms ammunition (SAA) items (i.e., bullets).

MDAS items are often munitions parts that have no explosive material in them while MEC items contain,



Depth Charge found at PMA/SSA

or have the potential to contain, residual explosive material that presents an explosive hazard. All the recovered MEC items were unfuzed and unfired and classified as discarded military munitions (DMM).

On August 2, 2012, an MK-6 depth charge was found during the munitions NTCRA. The item was transported to Fallon, Nevada and detonated on August 13, 2012. BRAC Project Management Office (PMO) worked with the Naval Ordnance Safety and Security Activity to ensure all health and safety procedures were adjusted to account for an increase in the explosive safety arc required for the newly discovered munitions type. The depth charge was classified as DMM.

IR 17 and Building 503 Area: The Upland Chlorinated Solvents Investigation at IR Site 17 and Building 503 Area commenced in August. Chlorinated solvents were first identified in the vicinity of the southeast corner of Azuar Drive and J Street during soil gas sampling performed in October 2008. The objective of this investigation is to delineate the extent of chlorinated solvents in soil and groundwater.

During the month of August the Navy collected 12 soil gas samples, 10 groundwater samples and 6 soil samples. All samples were analyzed for volatile organic compounds (VOCs).

Buildings A149, A161 and M160: Radiological release survey work was completed in Building A149 on July 31st, 2012 and baseline radiological survey work was completed in Building A161 on July 30th, 2012. Radiological items that were stored in Building A149 pending final disposal were transferred to Building A161 on August 1, 2012.

For a brief period in 2004, Building M160 was used to store low-level radiological items recovered during the time-critical removal action (TCRA) performed at the Marine Corps Firing Range/Historic Outfall 4S. Radiological release survey work, in support of unrestricted use, was completed on August 13th, 2012.

3.0 DOCUMENT SUBMITTALS AND PROGRESS OF REGULATORY REVIEW

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

- Final Crane Test Area (CTA) North and Defense Reutilization and Marketing Office (DRMO) South Site Investigation Work Plan
- Final Building A161 Pre-Use Radiological Survey Report
- Draft Dredge Pond 3E Aboveground Storage Tank (AST) Removal Work Plan
- Five Draft Site Closure Reports for Polychlorinated Biphenyl (PCB) sites, including Building 736 & Pier 23, Building 778, Building A161, Building A65, and Meseda Road
- Final IR 17 and Building 503 Area Post-Removal Groundwater Well Installation and Monitoring Report

The Navy received concurrence from the Department of Toxic Substances Control (DTSC) on the the Final IR 17 and Building 503 Area Upland Chlorinated Solvents Investigation Work Plan.

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	50
Number of DTSC Comments Received by the Navy	27
Number of California Water Quality Control Board (Water Board) Comments Received by the Navy	9
Number of U.S. Environmental Protection Agency (EPA) Comments Received by the Navy	6

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, September 27, 2012.

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 RAB meetings are scheduled for:

- September 27, 2012
- November 29, 2012
- January 31, 2013

Meetings begin at 7:00 pm and are held at:
Mare Island Conference Center
 375 G Street
 Vallejo, CA 94592