



## **FACT SHEET – April 2009**

# **Engineering Evaluation and Cost Analysis / Interim Remedial Action Plan for the Non-Time-Critical Removal Action at Installation Restoration Site 17 and Building 503 Area Former Mare Island Naval Shipyard, Vallejo, California**

### **Introduction**

The Department of the Navy proposes to remove contaminated soil from Installation Restoration Site 17 (IR17) and Building 503 Area at the former Mare Island Naval Shipyard (Mare Island) (Figure 1). The Navy plans to conduct this cleanup as described in the Draft Final Engineering Evaluation and Cost Analysis/Interim Remedial Action Plan (EECA/IRAP) for the Non-Time Critical Removal Action (NTCRA) at IR17 and Building 503 Area. This fact sheet provides information regarding the EECA/IRAP document, the California Environmental Quality Act (CEQA) Draft Initial Study and Negative Declaration, and describes opportunities for the community to provide comments.

### **What is the Engineering Evaluation and Cost Analysis/Interim Remedial Action Plan?**

The EECA/IRAP documents the Navy's plan to conduct a NTCRA at the IR17 and Building 503 Area. The EECA/IRAP describes the site conditions, current risk to human health and the environment, extent of contamination requiring removal, development of the objectives for a removal action, and evaluates the removal action alternatives suitable for cleaning up the contamination. The overall cleanup objective for the site is to reduce residual free phase petroleum product (mineral spirits) and reduce potential human health risk from vapor intrusion (VI). VI is the migration of volatile chemicals from below the ground surface into buildings, which may cause a health risk for building occupants. The buildings at the site are currently



**Figure 1: Location of IR17 and Building 503 Area**

unoccupied and there are no plans for buildings at the site in the future. However, a VI risk evaluation was conducted to conservatively estimate the potential indoor air risk in the event buildings are constructed on the site in the future.

The EE/CA/IRAP evaluates potential removal action alternatives for implementability, effectiveness, and costs along with applicable or relevant and appropriate requirements (ARAR).

The Draft Final EECA/IRAP has been reviewed by the Department of Toxic Substances Control (DTSC). You are invited to review the document and provide written comments to the Navy or DTSC, and/or attend a public meeting (see shaded box on left). All comments received from the public will be reviewed and considered. The final document will be placed in the information repositories listed on the back page of this fact sheet.

### **What is the Non-Time-Critical Removal Action?**

The NTCRA involves the excavation and removal of contaminated soil at IR17 and Building 503 Area. This action is intended to significantly reduce the amount of contamination at the site that may continue to pose a problem in the future. The removed soil will be sent off site to an approved landfill facility and the excavation will be backfilled with clean soil.

### **PUBLIC COMMENT PERIOD AND MEETING**

We encourage your review and public comment on the Draft Final EECA/IRAP. A 30-day public comment period will run from April 6, 2009 through May 6, 2009. Written comments on the EECA/IRAP may be submitted to the Navy BRAC Environmental Coordinator; submit comments on the CEQA Initial study and Negative Declaration to the Project Manager at DTSC (see contact information on the back page). All comments must be received no later than May 6, 2009.

The Navy and DTSC will hold a public meeting to present the project to interested community members and provide an opportunity for public comments.

**Date:** April 16, 2009  
**Time:** 6:00 p.m.  
**Location:** Mare Island Conference Center  
375 G Street, Vallejo, California

### **What is the History of the Site?**

The IR17 and Building 503 Area consist of 26 acres on the north end of Mare Island. The site is not currently used. Figure 2 illustrates the layout of the site as well as the proposed excavation areas.

Paints and varnishes were manufactured at the paint manufacturing facility from the 1940s to the mid-1950s in support of ship construction and maintenance. Materials used in the paint manufacturing process, which included oils, solvents, and resins, were stored at two former tank farms. The northern tank farm, consisting of 21 aboveground storage tanks, was between Building 503 and Azuar Drive. The southern tank farm, consisting of six aboveground storage tanks, was located southwest of Azuar Drive. Both tank farms were removed in the 1960s.

Facility-wide and site-specific investigations were conducted at the IR17 and Building 503 Area between 1983 and 2000. Results of previous investigations indicated the presence of metals, polycyclic aromatic hydrocarbons, and polychlorinated biphenyls in surface soil as well as solvents and oil in soil and groundwater. The Navy conducted a removal action in 1998/1999 to remove soil with elevated concentrations of metals and site features such as an oil-water separator and transfer piping used between the two former tank farms.

### **What is the Intended Reuse of the Site?**

The intended reuse for IR17 and Building 503 Area is light industrial and will likely include open parking structures and surface parking lots.

### **How Will the Soil be Moved and When Will it Happen?**

Soil will be excavated and placed directly into dump trucks and transported along public roads to a landfill facility that accepts and handles contaminated soil. The haul route will be chosen to minimize time spent on public roads or near residences. The field work is expected to occur during Fall 2009.

### **California Environmental Quality Act (CEQA)**

In compliance with the CEQA, DTSC has prepared a Draft Initial Study to evaluate environmental impacts from the proposed cleanup. DTSC has concluded that the project will not have a significant adverse impact on the environment and intends to issue a CEQA Negative Declaration.

### **Restoration Advisory Board (RAB)**

The RAB is composed of members of the community who work with the Navy and regulatory agencies to provide input on the environmental restoration of Mare Island Naval Shipyard. Regular meetings are held to discuss the progress of the environmental cleanup program. All RAB meetings are open to the public. Everyone is welcome!

RAB meetings are held at 7:00 p.m. on the last Thursday of every month at the Mare Island Conference Center,

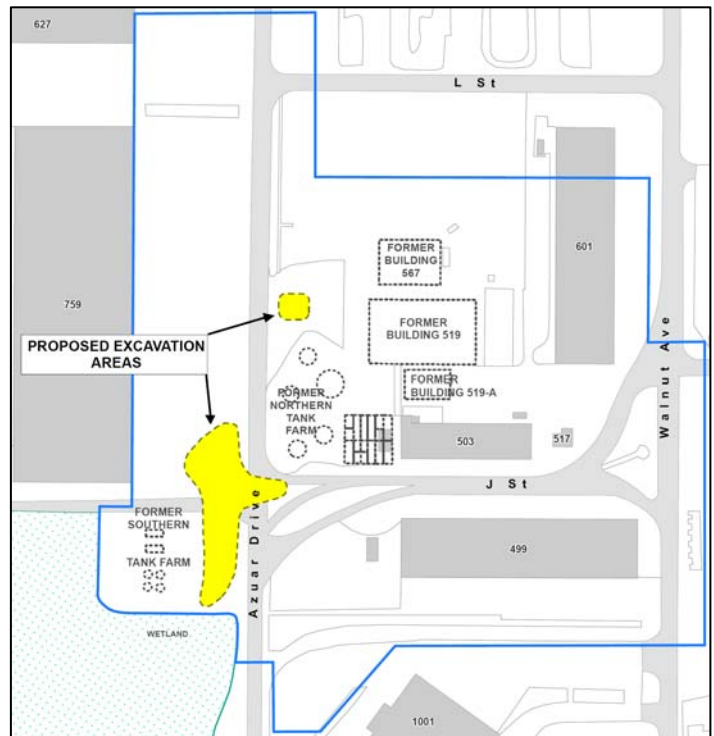


Figure 2: Site Layout Map

375 G Street, on former Mare Island in Vallejo. For more information about the RAB, contact Michael Bloom at (619) 532-0967 or send an e-mail to [michael.s.bloom@navy.mil](mailto:michael.s.bloom@navy.mil). Myrna Hayes, the RAB Community Co-Chair may also be contacted at (707) 557-9816 or by e-mail at [myrnahay@pacbell.net](mailto:myrnahay@pacbell.net).

### **Where to find the document**

The Draft Final Engineering Evaluation and Cost Analysis/Interim Remedial Action Plan for the Non Time-Critical Removal Action at Installation Restoration Site 17 and Building 503 Area, is available for review at the following:

John F. Kennedy Library 505 Santa Clara Street Vallejo, California 94590 Phone (707) 553-5568	DTSC 700 Heinz Avenue Berkeley, California 94710 Phone (510) 540-3800 (By Appointment Only)
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### **Comments**

The public may submit written comments to the following Navy or DTSC representatives:

Navy BRAC Environmental Coordinator  
Michael Bloom  
BRAC Program Management Office West  
1455 Frazee Road, Suite 900  
San Diego, California 92108  
Phone (619) 532-0967  
Fax (619) 532-0995  
[michael.s.bloom@navy.mil](mailto:michael.s.bloom@navy.mil)

DTSC Public Participation Specialist Richard Perry Department of Toxic Substances Control 700 Heinz Avenue Berkeley, California 94710 Phone (510) 540-3910 Fax (510) 540-3927 <a href="mailto:rperry@dtsc.ca.gov">rperry@dtsc.ca.gov</a>	DTSC Project Manager Chip Gribble Department of Toxic Substances Control 700 Heinz Avenue Berkeley, California 94710 Phone (510) 540-3773 Fax (510) 540-3738 <a href="mailto:cgribble@dtsc.ca.gov">cgribble@dtsc.ca.gov</a>
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