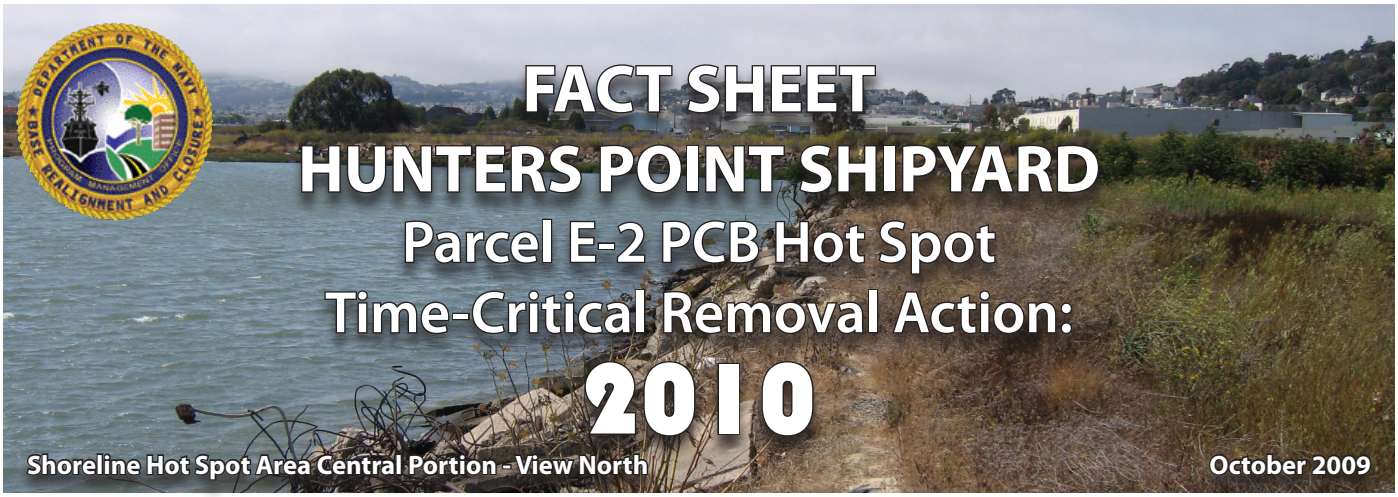
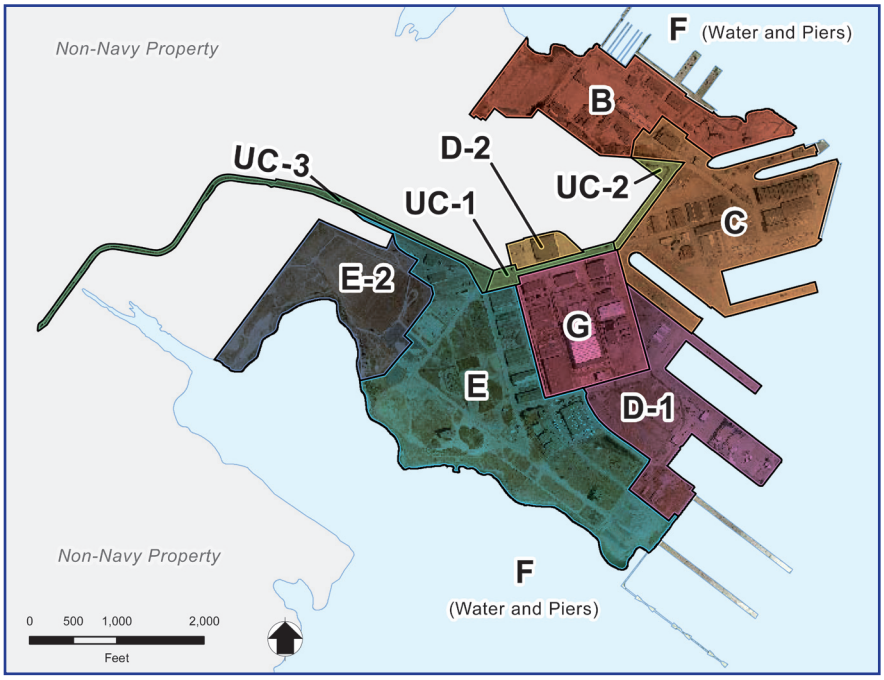


This fact sheet provides information about a PCB Time-Critical Removal Action in Parcel E-2 at Hunters Point Shipyard. This fact sheet also summarizes the Action Memorandum for this work. It is located on the BRAC PMO website at: *www.bracpmo.navy.mil.*



Hunters Point Shipyard

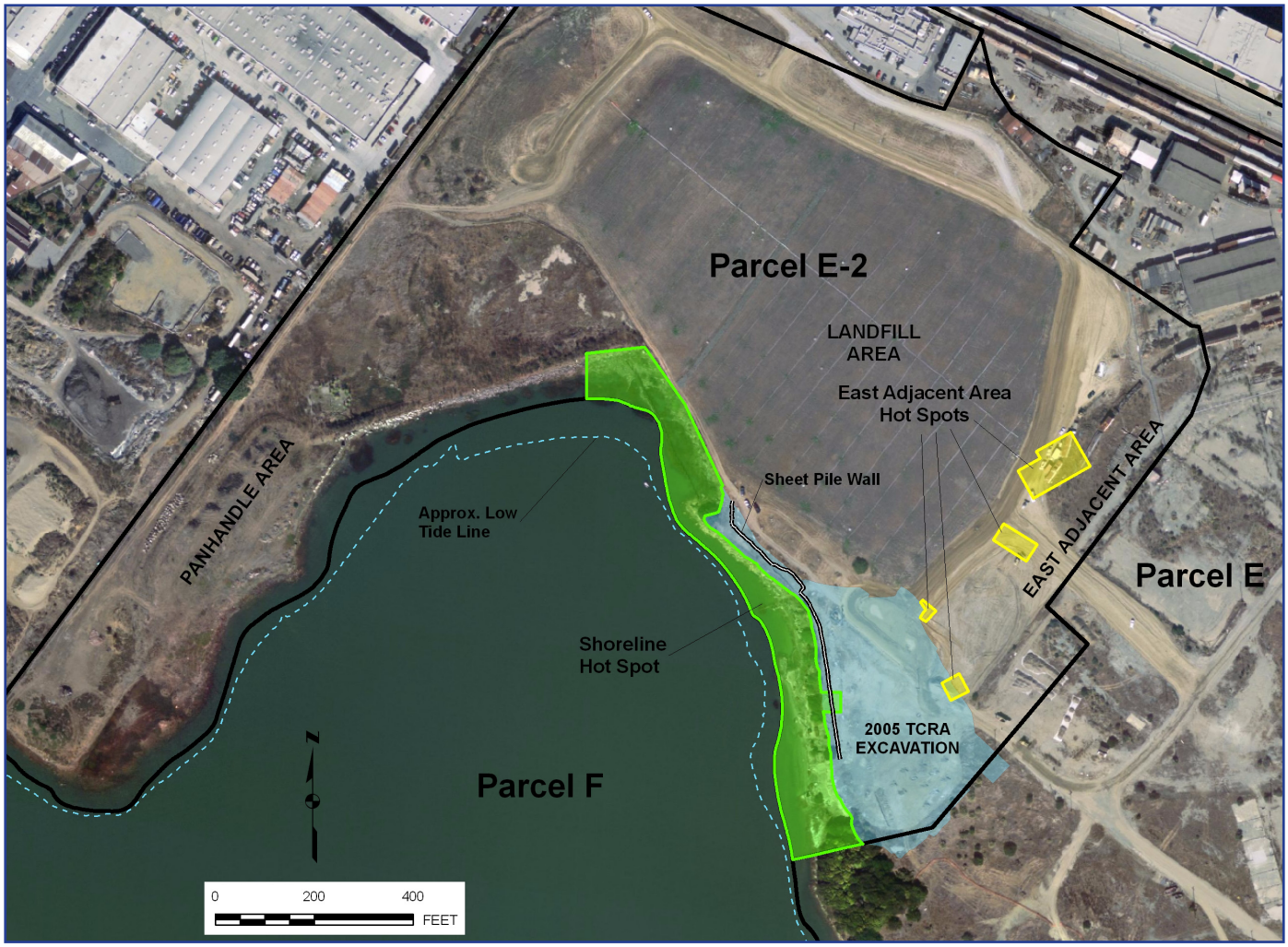
A Brief History of Hunters Point Shipyard

Hunters Point Shipyard is located in southeast San Francisco on a peninsula extending east into San Francisco Bay. The Shipyard was used as a commercial dry dock facility from 1869 until late 1939, when the Navy began operations at the property. From 1945 until 1974, the Navy used the Shipyard primarily as a repair facility. The Naval Radiological Defense Laboratory operated at the Shipyard from 1948 to 1969. In 1974, Navy operations at the Shipyard were stopped and Triple A Machine Shop, Inc. leased most of Hunters Point Shipyard to operate as a commercial ship repair facility until 1986.

History of Parcel E-2

Parcel E-2 is located in the southwest portion of Hunters Point Shipyard, and makes up about 48 of the 929 acres. Parcel E-2 is divided into four primary areas for study purposes.

- Landfill Area, which includes the entire Parcel E-2 Landfill and its immediate perimeter.
- Panhandle Area located west and southwest of the Landfill Area.
- East Adjacent Area located to the east of the Landfill Area.
- Shoreline Area located at the interface with San Francisco Bay.



Parcel E-2 Site Detail

Some parts of the Shipyard, including most of Parcel E-2, were created by filling in the bay with artificial fill material.

Additionally, radiological material was generated during various shipyard operations. Throughout this fact sheet radiological material will be referred to as "Rad". Before the late 1960s, there were no regulations on how to dispose of Rad material, and some may have been deposited in parts of Parcel E-2.

Areas of Parcel E-2 have soil and sediment containing polychlorinated biphenyls, more commonly known as PCBs. PCBs are chemicals that were widely used as an insulating fluid in electrical transformers and capacitors until 1979, after which the manufacturing of PCBs was banned in the United States. PCBs were also used in paints, plastics, hydraulic oils for heavy equipment, and many other products. The PCBs in soil have been identified in isolated "Hot Spots" within Parcel E-2.

Parcel E-2 also has areas where motor oil, lubricating fluids and fuels (gasoline and diesel) have been found in soil and sediment. Typically areas with PCBs also have high concentrations of spilled fuels.

2005 PCB Hot Spot Time-Critical Removal Action

In 2005, a Time-Critical Removal Action was conducted at Parcel E-2 to address PCBs and fuels. Approximately 3,000 truckloads of soil and sediment containing PCBs were removed. While excavating, oil-stained soil and floating oil were observed along the bayside of the excavation; however, further excavation in these areas was

2005 Excavation Debris

not possible because of their proximity to San Francisco Bay. It was decided that additional information was necessary to define the extent and volume of the remaining Hot Spots. The Navy assessed the area and determined how much more soil and sediment would have to be removed in the Draft Final Remedial Investigation/ Feasibility Study (RI/FS), which was completed in February 2009.

2010 PCB Hot Spot Time-Critical Removal Action

The Navy was able to use the information and data from the 2005 project to plan follow-up work in order to remove the remaining Hot Spots. The current removal action will address the PCB Hot Spots along the Shoreline Area as well as Lead and PCB Hot Spots in the East Adjacent Area that were identified in the Remedial Investigation/Feasibility Study. The current project is described in the Parcel E-2 PCB Hot Spot TCRA Amended Action Memorandum. Field work is currently planned to begin in late 2009 and to be completed in late 2010.

Shoreline Area Northern Portion - View South

PCB Hot Spot Time-Critical Removal Action Amended Action Memorandum

The above document describes the follow-up action that the Navy has selected to remove the PCB Hot Spots from Parcel E-2. To do this, the Navy will remove soil and sediment that are adjacent to San Francisco Bay. The City of San Francisco Redevelopment Plan is for these areas to be open space. This project will help meet this goal. This document is located on the BRAC PMO website and also in the Information Repositories, please see Page 7 of this fact sheet for more information.

Shoreline Area Central and Southern Portion - View South

Removing the Hot Spots from Parcel E-2

- The Navy plans to collect about 755 samples before excavation begins to get more exact locations of the Hot Spots.
- PCB and fuel containing soil and sediment will be removed to depths up to 10 feet along about 1,200 feet of the Parcel E-2 Shoreline Area.
- Lead and PCB contaminated soil will be removed to depths up to about 10 feet in the East Adjacent Area.
- The Navy plans to remove about 2,000 truckloads of soil and sediment containing PCBs, fuels, and lead.

East Adjacent Area, Eastern Portion

Protecting Public Safety

The Navy will take many safety measures to protect its workers on site and the surrounding community members during this Time-Critical Removal Action. The Navy has submitted an official dust control plan to the state and federal regulators. This document describes the steps that will be taken during clean up work to help control dust. Once excavation is complete, the Navy will install clean backfill and temporary shoreline protection.

Waste Disposal

- All waste material from Parcel E-2 will be scanned for Rad before it is loaded onto trucks for disposal.
- The waste material will be separated into Rad containing and non-Rad containing material before it is loaded onto trucks for appropriate disposal.
- Rad waste is sealed and packaged in water-tight, steel bins for storage and transportation to disposal sites in Utah and Idaho that are licensed to accept Rad waste.
- Disposal trucks shipping Rad-screened materials will be brushed off and covered; the trucks will be screened once again for Rad before leaving the work site.
- Other waste material will be taken to disposal facilities that are licensed to accept chemical or construction waste.

Dust Control

- The Navy will use a misting system to wet down work areas and roadways.
- Stockpiles of soil will be coated with a substance that works like a glue to control windblown dust.
- Trucks carrying loads will be covered before leaving the Shipyard.
- A 15 mile per hour speed limit is required for all vehicles on site at the Shipyard and a 5 mile per hour speed limit is required in work areas.
- Rumble strips at the exits of the work areas will help shake excess dust from truck tires as they leave the site.
- The Navy will continuously monitor the air around the work site during the Time-Critical Removal Action.
- Green fabric will be installed to fencing around the excavation area to help control windblown dust.

Shoreline Area, Central Portion - View North

Notes:

Notes:

For more information, please contact:

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Navy Base Realignment and Closure Environmental Coordinator
1455 Frazee Road, Suite 900, San Diego, CA 92108-4310
Local telephone number: (415) 308-1458
Office telephone number: (619) 532-0913
Fax number: (619) 532-0995
E-mail: keith.s.forman@navy.mil

Where do I get more information about the Hunters Point Shipyard Cleanup?

Navy documents and reference materials about Hunters Point Shipyard are available to the public at City of San Francisco Main Library and at the Bayview Anna E. Waden Branch Library. The downtown San Francisco library contains a nearly complete record of all documents related to the investigation and cleanup actions under way at Hunters Point Shipyard. The Bayview Anna E. Waden Branch Library houses a smaller collection of documents and copies of current investigation reports. Information is also available on the Navy's Hunters Point Shipyard website:

http://www.bracpmo.navy.mil

Click 'Prior BRAC', and then select 'Former NSY Hunters Point' from the 'Prior BRAC Installations' menu.

City of San Francisco Main Library
Government Information Center, 5th Floor
100 Larkin Street
San Francisco, CA 94102
(415) 557-4500

Hours of Operation:
Mondays: 10:00 a.m. to 6:00 p.m.
Tuesdays through Thursdays: 9:00 a.m. to 8:00 p.m.
Fridays: 12:00 p.m. to 6:00 p.m.
Saturdays: 10:00 a.m. to 6:00 p.m.
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Bayview Anna E. Waden Branch Library
5075 Third Street
San Francisco, CA 94124
(415) 355-5757

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Mondays and Tuesdays: 10:00 a.m. to 6:00 p.m.
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Thursdays: 1:00 p.m. to 8:00 p.m.
Fridays: 1:00 p.m. to 6:00 p.m.
Saturdays: 10:00 a.m. to 6:00 p.m.
Sundays: 1:00 p.m. to 5:00 p.m.

The complete Administrative Record for Hunters Point Shipyard is maintained at the Naval Facilities Engineering Command (NAVFAC) offices in San Diego, California.

Because of the volume of documents required for the Administrative Record, all documents may not be in the local Information Repositories. However, a copy of the complete Administrative Record index and pertinent documents are available for public review at the Information Repository located at the San Francisco Main Public Library.

Copies of documents located at the Administrative Record are available for review by appointment only by contacting:

Diane Silva
Code EVR-FISC Bldg. 1, 3rd Floor
NAVFAC Southwest
1220 Pacific Highway, San Diego, CA 92312
Phone: (619) 532-3676
Fax: (619) 532-3546
diane.silva@navy.mil

Administrative hours are 8:00 a.m. to 5:00 p.m. Monday through Friday. Documents may not be removed from the facility; however, they may be photocopied.

HUNTERS POINT NAVAL SHIPYARD MAILING COUPON

If you would like to be added to the Hunters Point Naval Shipyard mailing list and receive copies of future newsletters and fact sheets, please fill out the coupon below and mail it to:

Mr. Keith Forman
Navy Base Realignment and Closure Environmental Coordinator
1455 Frazee Road, Suite 900
San Diego, CA 92108-4310

Name _____

Address _____

City _____ State _____ Zip _____

E-mail Address _____

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Mr. Keith Forman
Navy Base Realignment and Closure Environmental Coordinator
1455 Frazee Road, Suite 900
San Diego, CA 92108-4310