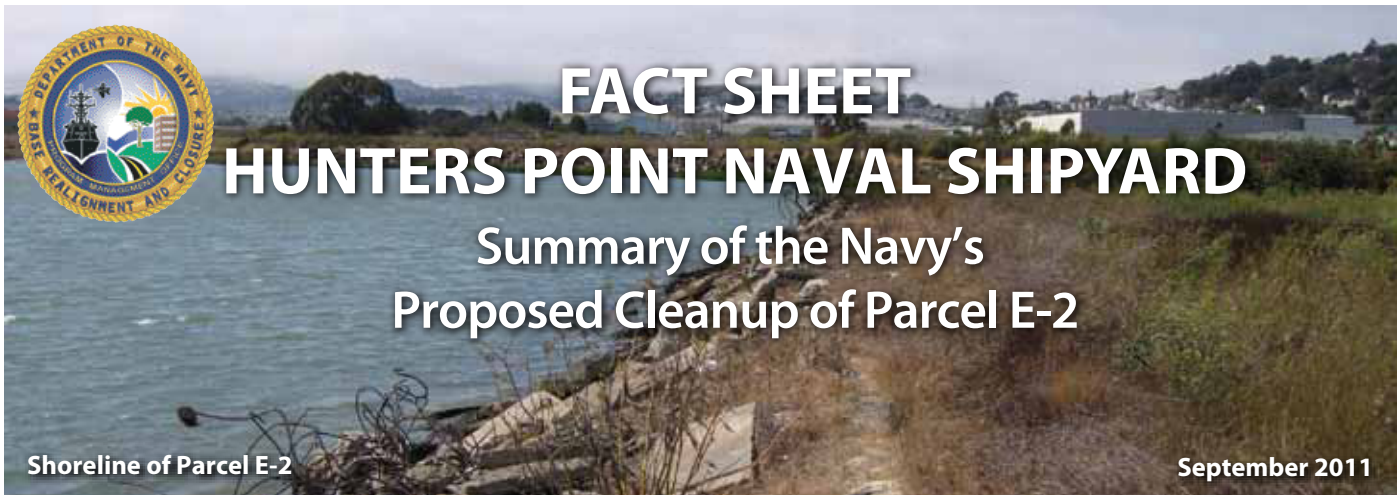

FACT SHEET
HUNTERS POINT NAVAL SHIPYARD
Summary of the Navy's Proposed Cleanup of Parcel E-2

Shoreline of Parcel E-2

September 2011

This fact sheet provides a summary of the Proposed Plan (included in this mailing) for Parcel E-2 on the Hunters Point Naval Shipyard. In addition, the Proposed Plan and other Parcel E-2 information can be viewed on the BRAC PMO website at: ***www.bracpmo.navy.mil.*** *The Navy is requesting public comment on the Proposed Plan in writing before October 24th, 2011 – or in person at a 6:00pm public meeting on September 20, 2011 in the Alex L. Pitcher, Jr. Conference Room at the Southeast Community Facility Commission, located at 1800 Oakdale Avenue in San Francisco.*

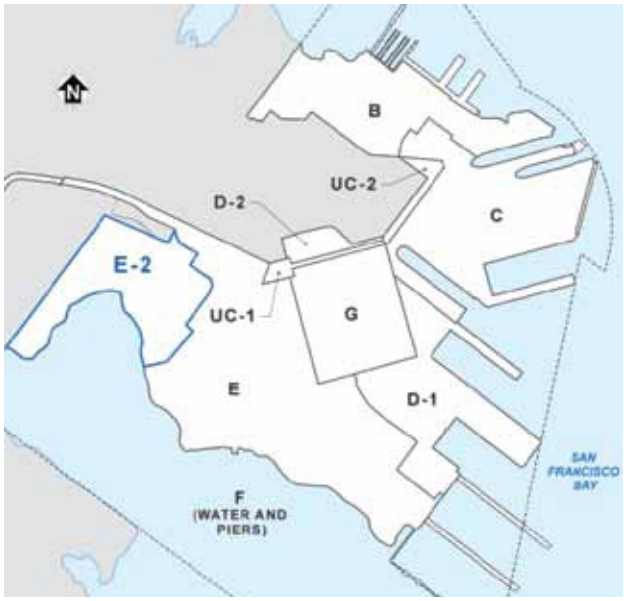

Figure 1 - Location of Parcel E-2

A Brief History of Hunters Point Naval Shipyard

Hunters Point Naval Shipyard (the Shipyard) is located in the southeastern portion of the City of San Francisco and is adjacent to San Francisco Bay (Figure 1). The Shipyard is now closed, but formerly had many uses, including a commercial dry dock from 1869 until it was purchased by the United States Navy (Navy) in 1939. From 1945 until 1974, the Shipyard was used for shipbuilding, repair, and maintenance. The Shipyard was also the site of the Naval Radiological Defense Laboratory, which operated from 1948 through 1969. The Shipyard was closed in 1974 and remained vacant until 1976, when Triple A Machine Shop, Inc. leased the property until 1986. Several buildings have been leased by artists and others between 1986 and the present. Since 1991, the Navy has conducted hundreds of studies, excavations and groundwater treatment actions in an effort to clean up the Shipyard. This fact sheet focuses on the proposed cleanup of a part of the Shipyard called Parcel E-2.

History of Parcel E-2

Parcel E-2 is a 48-acre area located in the southwestern portion of the Shipyard. It is part of an area that was created by filling in the edge of San Francisco Bay with soil, crushed bedrock, dredged sediments and debris. Parcel E-2 also includes a 22-acre landfill where the Navy disposed of construction debris, municipal-type trash, and industrial waste from the mid-1950s until the 1960s. After the landfill closed in the early 1970s, the Navy covered it with 2 to 5 feet of soil. In 2000, the Navy constructed a multi-layer cap across 14 acres affected by a fire. This multi-layer cap remains in place today. The Navy has previously conducted cleanup actions to address known areas of contamination on Parcel E-2, including extracting contaminated groundwater, removing landfill gas, and excavating contaminated soil. These previous actions are all consistent and build upon the Navy's proposal for a permanent remedy at Parcel E-2.

Site Risks

The landfill does NOT currently pose a risk to the Bayview/Hunters Point community because direct exposure to contaminants in the landfill is controlled by the successful completion of the previous Navy actions. The Navy's Proposed Remedy expands on these actions and creates a permanent remedy that will be protective of human health and the environment in the long term. The Navy's proposal allows the property to be developed by the City of San Francisco as open space/parklands.

Parcel E-2 Proposed Cleanup Actions

The Proposed Plan for Parcel E-2 outlines several cleanup alternatives and recommends the following actions to address contaminated soil, sediment, landfill gas, groundwater, and soil which may have low levels of radioactive elements that remain on Parcel E-2. The Navy has carefully studied Parcel E-2 and believes that the following is the best way to protect public health and the environment:

Soil

- Excavate contaminated soil from several areas and dispose of it off site at an approved landfill.
- Install a protective cap and soil cover over all of Parcel E-2 (in addition to the 14 acres already capped) to prevent exposure to the public and minimize rainwater from coming into contact with remaining onsite contamination (Figure 2).
- Build a protective shoreline barrier of large boulders to prevent shoreline erosion along the edge of the Landfill (Figure 2).
- Create new wetlands along parts of the shoreline to restore the environment in the "panhandle" area (Figure 2).
- Conduct a radiation scan of the entire surface of Parcel E-2, remove shallow soil contaminated with radiation, if found, and dispose of it off site at an approved landfill.
- Investigate and clean storm drain lines with any residual low levels of radiation found in them.

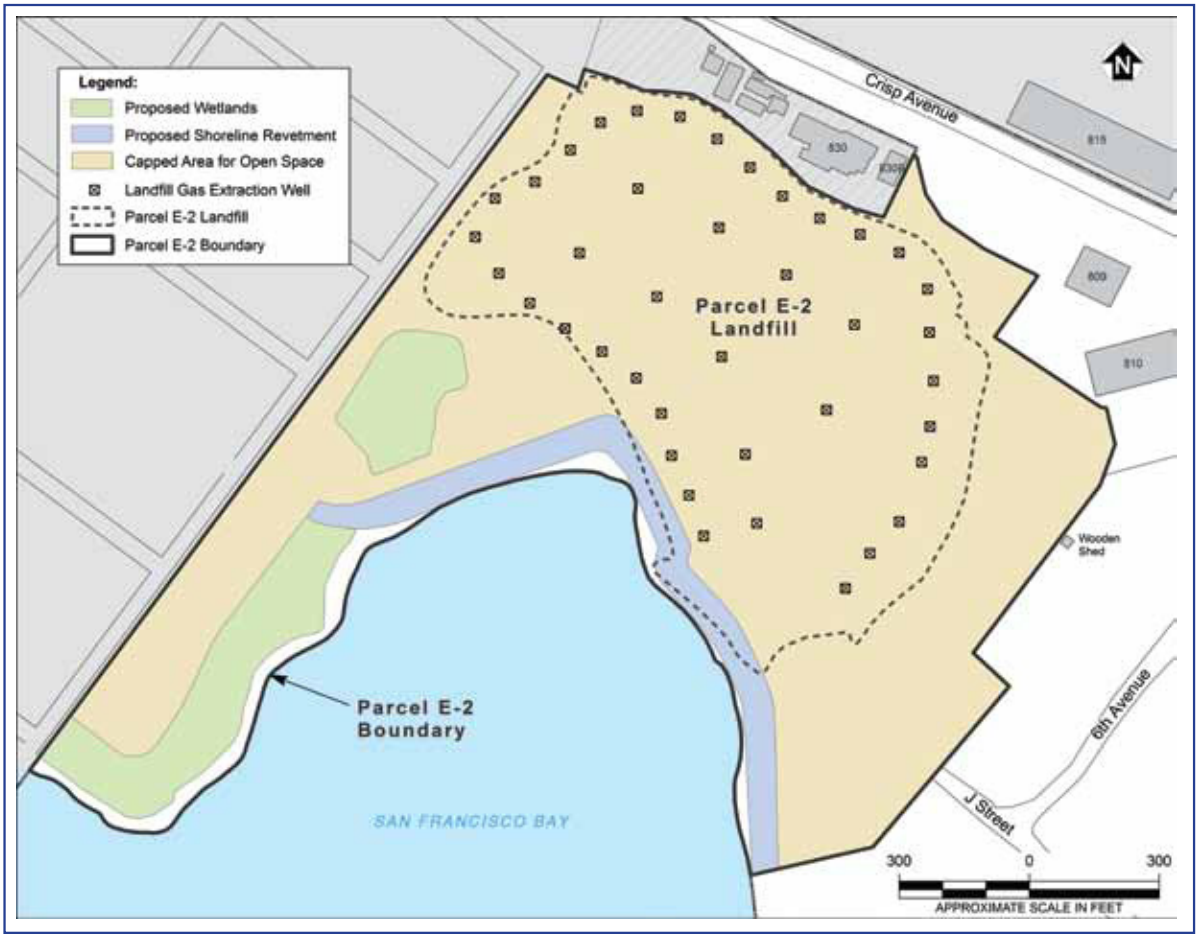

Figure 2 - Parcel E-2 Proposed Cover Plan

Parcel E-2 Proposed Cleanup Actions *(continued)*

Groundwater

- Install below-ground barriers to control groundwater from entering San Francisco Bay.
- Monitor groundwater underneath Parcel E-2 and continue verifying that contaminated groundwater is NOT impacting the San Francisco Bay.

Landfill Gas

- Install wells and equipment to remove, treat, and contain landfill gas and prevent it from moving beyond the boundary of Parcel E-2 (Figure 2).
- Monitor the landfill gas to verify that it is being managed effectively on the property.

Maintaining Parcel E-2 after these cleanup actions

After conducting the actions described above, regular inspections and maintenance of the soil cap, below-ground barriers, well and landfill gas equipment, shoreline revetment, and restored wetlands will be conducted to ensure they are functioning as intended. Use of the land will be limited to open space/parkland, and future digging through the cap will be restricted to ensure the contamination is contained, stays in place, and that the public and the environment are protected.

Estimated Cost

The estimated cost of the proposed actions for soil, sediment, groundwater, landfill gas, and "rad"-impacted soil is approximately $87 million.

The Proposed Remedy discussed above will protect human health and the environment by removing contaminants near the surface and shoreline and installing a cap that will prevent exposure to any remaining waste. The Bay will be protected by keeping contaminants from seeping or moving out of the landfill. When the Navy actually designs these parts of the remedy, the design will take into account future sea level rise, extreme weather conditions and future earthquakes.

Public Comment Period

The Proposed Plan for Parcel E-2 was released to the public in September 2011. You are invited to comment on the preferred remedy for Parcel E-2 at a public meeting on September 20, 2011 at the Southeast Community Facility Commission Building in the Alex L. Pitcher, Jr. Room located at 1800 Oakdale Avenue in San Francisco. Comments from the community will also be accepted in writing from September 7 through October 24, 2011.

The Navy considers all comments before making a final remedy selection. The selected remedy must then be approved by federal and state regulatory agencies. The Navy's selected remedy will then be described in a document called a Record of Decision. This will include a summary of all comments received and the Navy's response to each comment, including how the comment may have influenced aspects of the final remedy selected.

For more information, please contact:

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OR

Matt Robinson
Community Involvement Manager
Telephone: (415) 295-4645
Information Line: (415) 295-4742
E-mail: Info@sfhpns.com

Where do I get more information about the Parcel E-2 cleanup at Hunters Point Naval Shipyard?

Navy documents and reference materials about Hunters Point Naval Shipyard are available to the public at the City of San Francisco Main Library and the Hunters Point Naval Shipyard Site Trailer. 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 Naval Shipyard. Information is also available on the Navy's Hunters Point Naval Shipyard website: **www.bracpmo.navy.mil.**

Click 'Prior BRAC' at bottom of page, and then select 'Former NSY Hunters Point' from the 'Prior BRAC Installations', then scroll down and select 'View/Hide all Documents', then select 'Parcel E-2 Landfill' from the menu.

Information is also available at:

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

Hours of Operation:
Monday: 10:00 a.m. to 6:00 p.m.
Tuesday through Thursday: 9:00 a.m. to 8:00 p.m.
Friday: 12:00 p.m. to 6:00 p.m.
Saturday: 10:00 a.m. to 6:00 p.m.
Sunday: 12:00 p.m. to 5:00 p.m.

Hunters Point Naval Shipyard Site Trailer
(Adjacent to the security entrance to the Shipyard.)
690 Hudson Avenue
San Francisco, CA 94102

Hours of Operation:
Monday - Friday: 8:00 a.m. to 5:00 p.m.

The complete Administrative Record for Hunters Point Naval 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 Repository. However, a copy of the complete Administrative Record index and 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
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.