

How to comment on the Proposed Plan for Parcels E and UC-3

1. Provide written comments no later than March 15, 2013 by one of the following methods:

Email: keith.s.forman@navy.mil

Fax: (619) 532-0995

Mail: Keith Forman

Base Environmental Coordinator

Navy Base Realignment and Closure

1455 Frazee Road, Suite 900

San Diego, CA 92108-4310

2. Attend the public meeting and provide verbal or written comments:

February 28, 2013

6:00 p.m. to 8:00 p.m.

Southeast Community Facility Commission Building

Alex L. Pitcher, Jr. Room

1800 Oakdale Avenue

San Francisco, California

For general information on Hunters Point Naval Shipyard, contact:

Matt Robinson

Community Involvement Manager

HPNS Community Outreach

P.O. Box 885474

San Francisco, CA 94188-5474

Office Telephone: (415) 295-4645

HPNS Information Line: (415) 295-4742

Email: info@sfhpnns.com

Where can I get more information about the Parcels E and UC-3 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 the bottom of the page, click on "Prior BRAC Installations" drop-down menu and select "Former NSY Hunters Point," and then click on "View/Hide All Documents" and select "Parcels E and UC-3".

Information is also available at:

City of San Francisco Main Library

100 Larkin Street, 5th Floor
Government Information Ctr.
San Francisco, CA 94102
(415) 557-4400

Hunters Point Naval Shipyard Site Trailer

(near HPNS security entrance)
690 Hudson Avenue
San Francisco, CA 94124

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.

Hours of Operation:

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

While the Main Library contains a nearly complete record of all documents related to cleanup at HPNS, the site trailer has a more limited set of current documents.

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.

Administrative Record Naval Facilities Engineering Command

c/o Diane Silva
Code EVR-FISC Bldg. 1, 3rd Floor
NAVFAC Southwest
Phone: (619) 532-3676 / Fax: (619) 532-3546
Email: 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. An appointment is required. A copy of the complete Administrative Record index and documents are available at the Information Repository located at the San Francisco Main Public Library.



FACT SHEET Hunters Point Naval Shipyard

Summary of the Proposed Plan for Parcels E and UC-3

February 2013

This fact sheet provides a summary of the Proposed Plan for Parcels E and UC-3 on the Hunters Point Naval Shipyard (HPNS), included in this mailing. The Proposed Plan and other information on Parcels E and UC-3 may be viewed on the Internet by visiting the Navy's website at www.bracpmo.navy.mil (detailed instructions on Page 4).

How to comment on the Proposed Plan

The Navy is requesting public comment on the Proposed Plan in writing, addressed to Keith Forman, no later than March 15, 2013 (contact information on Page 4). Comments can also be submitted in person at a 6:00 pm public meeting on February 28, 2013, in the Alex L. Pitcher, Jr. Conference Room at the Southeast Community Facility Commission, located at 1800 Oakdale Avenue in San Francisco, California.

Hunters Point Naval Shipyard History

HPNS is located in the southeastern portion of the City of San Francisco and is adjacent to San Francisco Bay. Though HPNS is now closed, when active, it had many uses, including as a commercial dry dock from 1869 until it was purchased by the United States Navy in 1939. From 1945 until 1974, HPNS was used for shipbuilding, repair, and maintenance of Naval ships. It was also the site of the Naval Radiological Defense Laboratory (NRDL), which operated from 1948 through 1969. The former Shipyard was closed in 1974 and remained vacant until 1976, when Triple A Machine Shop, Inc. (Triple A) began a lease of the property that continued until 1986. In the years since Triple A left the former Shipyard, several buildings have been leased by artists and others. 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 remedy of two parts of the Shipyard, known as Parcel E and Parcel UC-3 (Figure 1).

History of Parcel E

Parcel E is a 128-acre area in the southwestern portion of HPNS and includes a former industrial support area, consisting of supply and public works facilities. Parcel E also includes shoreline areas historically used to store and dispose of industrial waste and construction debris.

NRDL used several Parcel E buildings during the 1950s and 1960s for radiological testing. While leasing the property, Triple A allegedly disposed of hazardous wastes at various locations at HPNS, including the possible transport of waste oil within Parcel E using below-ground fuel and steam lines. Since 1984, the Navy has performed many environmental investigations at Parcel E and has collected thousands of soil and groundwater samples to identify where cleanup needs to occur. In addition, the Navy has performed several early cleanup actions to minimize potential exposure to hazardous chemicals. Although there was no immediate risk to the public, the Navy decided to take early action to address areas on Parcel E that contained the most considerable contamination.

History of Parcel UC-3

Parcel UC-3 was formerly part of Parcel E; however, it is now designated as a separate parcel for the proposed remedy selection. Parcel UC-3 is made up of 11 acres in the western portion of HPNS, directly north of Parcel E. It includes Crisp Avenue and a railroad right-of-way, which were used to transport materials and equipment to and from the former Shipyard. The railroad right-of-way is about 30 feet wide and extends about 3,200 feet west from the end of Crisp Avenue (near the intersection of Palou Avenue and Griffith Street). The chemical contamination at Parcel UC-3 likely resulted from miscellaneous spills while the Navy operated and maintained the railroad.

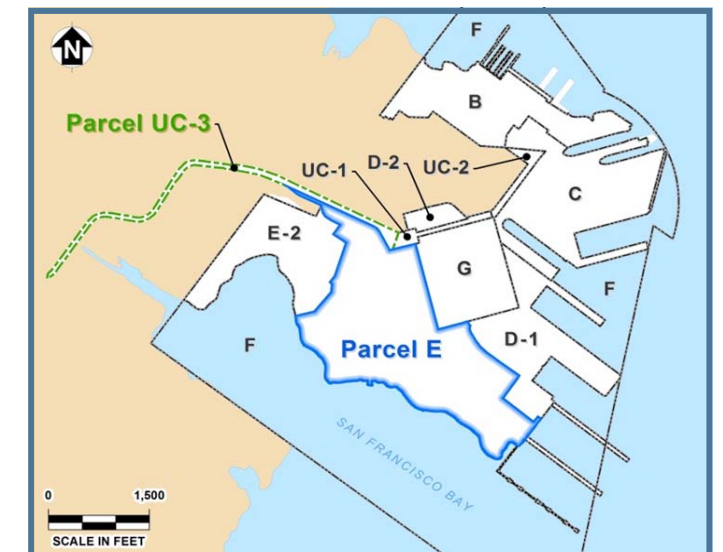


Figure 1: Location of Parcels E and UC-3

Contaminants on Parcels E and UC-3

The chemicals found in soil and groundwater at Parcel E include metals (such as lead and zinc), chlorinated solvents, pesticides, polychlorinated biphenyls (PCBs), and petroleum-related compounds. In addition, radioactive chemicals were found in soil at several locations in Parcel E, but radioactive chemicals were not found in groundwater at levels that could impact people or wildlife in San Francisco Bay.

The chemicals found in soil and groundwater at Parcel UC-3 include metals (such as copper and lead), chlorinated solvents, and petroleum-related compounds.

Site Risks

“Risk” is the likelihood or probability that a hazardous chemical, when released to the environment, will cause effects (such as cancer or other illnesses) on exposed humans or wildlife. The Navy evaluated the risk to humans and wildlife from exposure to contaminated soil, shoreline sediment, and groundwater. Results from tests in Parcels E and UC-3 determined that there may be some risk if people are directly exposed to contaminated soil, shoreline sediment, or groundwater. The Navy’s proposed remedy for these areas will create permanent results that will protect people and the environment. The Navy’s proposal allows the property to be developed by the City of San Francisco for multiple uses, including residential, industrial, and recreational (open space).

Proposed Remedy for Parcels E and UC-3

The Proposed Plan for Parcels E and UC-3 outlines several cleanup remedies. The Navy, in consultation with EPA, California Department of Toxic Substances Control, and the San Francisco Bay Regional Water Quality Control Board, evaluated the remedies using criteria specified by federal regulations. Community acceptance will also be evaluated based on comments received from the public during the comment period for this Proposed Plan. The Navy has carefully studied Parcels E and UC-3 and believes the proposed remedy provides the best way to protect public health and the environment. The proposed remedy for Parcel E is shown on Figures 2 and 3, and the proposed remedy for Parcel UC-3 is



Figure 2: Parcel E Proposed Remedy for Soil



Figure 3: Parcel E Proposed Remedy for Groundwater

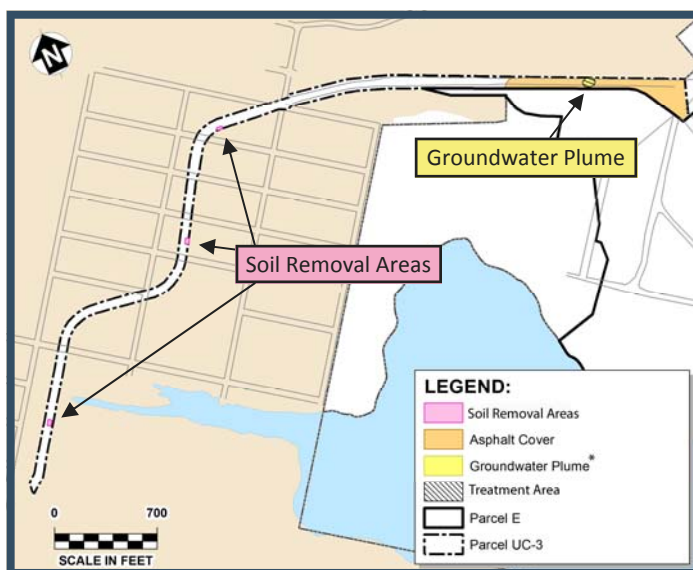


Figure 4: Parcel UC-3 Proposed Remedy for Soil and Groundwater

*Areas with groundwater contamination are identified as groundwater plumes.

shown on Figure 4. The proposed remedy for Parcel UC-3 includes only a few of the components of the proposed remedy for Parcel E, as noted below.

Soil and Shoreline Sediment

- Remove and dispose of contaminated soil in selected areas of Parcels E and UC-3
- Clean and close buried steam and fuel lines
- Install soil and asphalt covers as appropriate across all of Parcel E and parts of Parcel UC-3
- Place rock and sand on Parcel E’s shoreline and slopes to prevent erosion
- Install a system (in Building 406) to remove and treat contaminated soil gas and vapors
- Use technologies to remove or treat the oil source at the Former Oily Waste Ponds
- Monitor to ensure that chemicals in soil gas are not present at concentrations greater than those considered safe for humans

Groundwater

- Install groundwater treatment systems in selected areas of Parcels E and UC-3
- Install below-ground barriers and protective liners to limit groundwater access to the bay
- Perform long-term monitoring to track the cleanup progress in both Parcels E and UC-3

Residual Radiological Contamination

- Scan the entire area for radioactivity
- Remove and dispose of residual radiologically contaminated soil
- Install a soil cover to limit future exposure to contaminated soil

The proposed remedy will protect human health and the environment. When the Navy designs the remedy, the design will also take into account future sea-level rise, extreme weather conditions, and earthquakes.

Maintaining Parcels E and UC-3 after Cleanup Actions

After performing the actions described above, regular inspections will be performed to make sure the cleanup actions are working properly. Maintenance activities and Institutional Controls (ICs) will ensure that the public and the environment are protected from any possible exposure to contamination.

Estimated Cost

The combined estimated cost of the proposed remedy at Parcels E and UC-3 is \$105.5 million.

Community Involvement

Public Comment Period

The Proposed Plan for Parcels E and UC-3 was released to the public on February 12, 2013. You are invited to comment on the Proposed Plan for Parcels E and UC-3 at a Public Meeting on February 28, 2013, at the Southeast Community Facility Commission Building in the Alex L. Pitcher, Jr. Room, located at 1800 Oakdale Avenue, San Francisco, California. Written comments will also be accepted no later than March 15, 2013. Comments should be addressed to Keith Forman, as listed on Page 4 of this fact sheet.

To comply with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), the Navy considers all comments before selecting a final remedy (see Figure 5). Once the final decision is made, the chosen remedy must be approved by federal and state regulatory agencies, after which it will be described in a document called a Record of Decision (ROD). The ROD will include a summary of comments received and the Navy’s responses, including how the comment may have influenced aspects of the final decision.

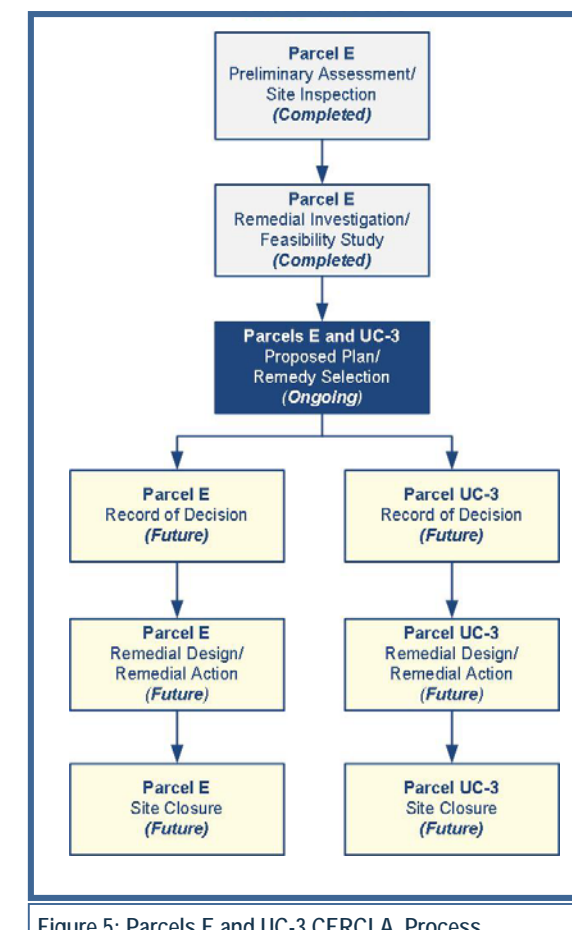


Figure 5: Parcels E and UC-3 CERCLA Process