



Hunters Point Naval Shipyard Initiation of Phase I Remedial Action At Parcel E Fact Sheet

September 2019

The purpose of this fact sheet is to update the community on the planned Phase 1 cleanup activities at Parcel E at Hunters Point Naval Shipyard (HPNS) in San Francisco, California. The remedial action at Parcel E has been divided into four phases. Phase I (discussed below) will start in Fall 2019.

Location and History: Parcel E is located in the southeastern portion of HPNS and is bounded by the San Francisco Bay on the southern side. Parcel E contains 128 acres and was historically used as an industrial support area for shipyard activities, including the disposal of industrial waste. Portions of Parcel E were also used by the National Radiological Defense Laboratory.

Remedial Action

The Navy plans to complete remedial action at Parcel E to address metals and organic pollutants in soil, soil gas, and groundwater to prevent exposure to contaminants left behind from former shipyard activities.

Phase 1 Cleanup Activities at Parcel E

During the Phase I cleanup activities at Parcel E, the Navy plans to excavate and dispose off-site 65,000 cubic yards of contaminated soil, close 2,700 linear feet of inactive steam lines and 3,100 linear feet of underground fuel lines, construct and operate a soil vapor extraction system at Building 406, and treat volatile organic compounds (VOCs) in groundwater at Installation Restoration (IR) Site 36 and potentially IR Site 4 based on pre-remedial sampling results. Groundwater treatment will be performed using in-situ bioremediation, where



Figure 1: Hunters Point Naval Shipyard Location

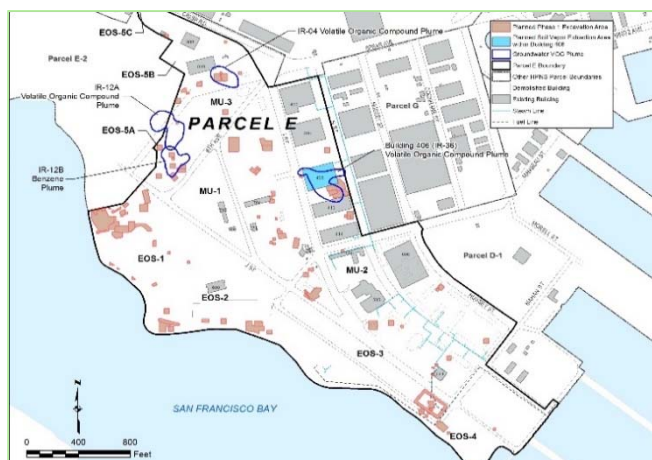


Figure 2: Parcel E Phase 1 Remedial Action Locations

natural bacteria and food-grade emulsified vegetable oil are injected into the ground to naturally destroy VOCs.

During cleanup activities, numerous trucks will pass through HPNS and the Bayview area to remove impacted materials and supply clean fill. After remedial action Phases 1, 2, and 3 are complete, a protective durable cover will be installed across Parcel E (Phase 4) to prevent exposure to residual contaminants and allow the City of San Francisco to proceed with redevelopment plans for the property. For more information, see www.bracpmo.navy.mil/hpns.

Information and Resources

Program Information

For information on cleanup at HPNS contact:

Derek Robinson

Environmental Coordinator

619.524.6026

derek.j.robinson1@navy.mil

If you would like to join the HPNS mailing list:

Email: info@sfhpns.com

HPNS Info Line: 415.295.4742

Reports Are Available For Review

City of San Francisco Main Library

100 Larkin Street, 5th Floor

San Francisco, CA 94102

415.5574400

Hunters Point Naval Shipyard Site Trailer

(near HPNS security entrance)

690 Hudson Avenue

San Francisco, CA 94124

Navy Website

www.bracpmo.navy.mil/hpns



Excavation removes soil contaminated with metals, PCBs, petroleum, and organic chemicals



After excavation of contaminated soil is complete, clean imported soil will be used to backfill the site



A soil vapor extraction system will remove gases created by contaminants underground



Groundwater treatment will use mixing tanks to blend the bioremediation liquids prior to injection into the ground



After bioremediation liquids are injected into the groundwater, regular sampling is performed to monitor the groundwater treatment progress

Department of the Navy
BRAC Program Management Office West
33000 Nixie Way, Building 50, 2nd Deck
San Diego, CA 92147