



Hunters Point Naval Shipyard



Update on Parcel E-2 Cleanup: PCB Hot Spot Removal Areas Ship Shielding Area Cleanup Project

Hunters Point Naval Shipyard
Community Meeting
February 22, 2012



Welcome and Introductions



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BRAC Environmental Coordinator
Hunters Point Naval Shipyard

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Hunters Point Naval Shipyard

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Community Involvement Manager
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Welcome and Introductions



Purpose of Tonight's Meeting

- Provide an update on PCB Hot Spot Removal in Parcel E-2
- Provide an overview of the Ship Shielding Area Cleanup Project
- Obtain input from the community during the Open Forum



Welcome and Introductions



Meeting Agenda

Time	Topic
6:00 – 6:10	Welcome & Introductions
6:10 – 6:15	Meeting Format & Ground Rules
6:15 – 6:55	Cleanup Presentation
6:55 – 7:15	Open House
7:15 – 7:35	Summary of Community Comments from Open House
7:35 – 8:00	Open Forum (Questions & Answers)



Meeting Format & Ground Rules



- The general presentation will take about 40 minutes.
- A 20-minute Open House will follow the presentation.
- You will have an opportunity to ask questions and provide feedback at each of the 3 Open House Topic Tables.
- You will receive 5-minutes notice before the Open House Session is over and the meeting continues.
- When the meeting continues, a representative from each Topic Table will report the action items and community comments to the larger group.
- The community will have time to ask questions before the meeting ends.



MAJOR ACTIVITIES AT PARCEL E-2

Hunters Point Naval Shipyard

COMMUNITY MEETING
FEBRUARY 22, 2012



What will we talk about tonight?



1. History of Parcel E-2
2. Activities at Parcel E-2 during 2011
 - PCB Hot Spot Area Excavation
3. Activities at Parcel E-2 planned for 2012
 - Experimental Ship Shielding Range Excavation
 - Methane Survey

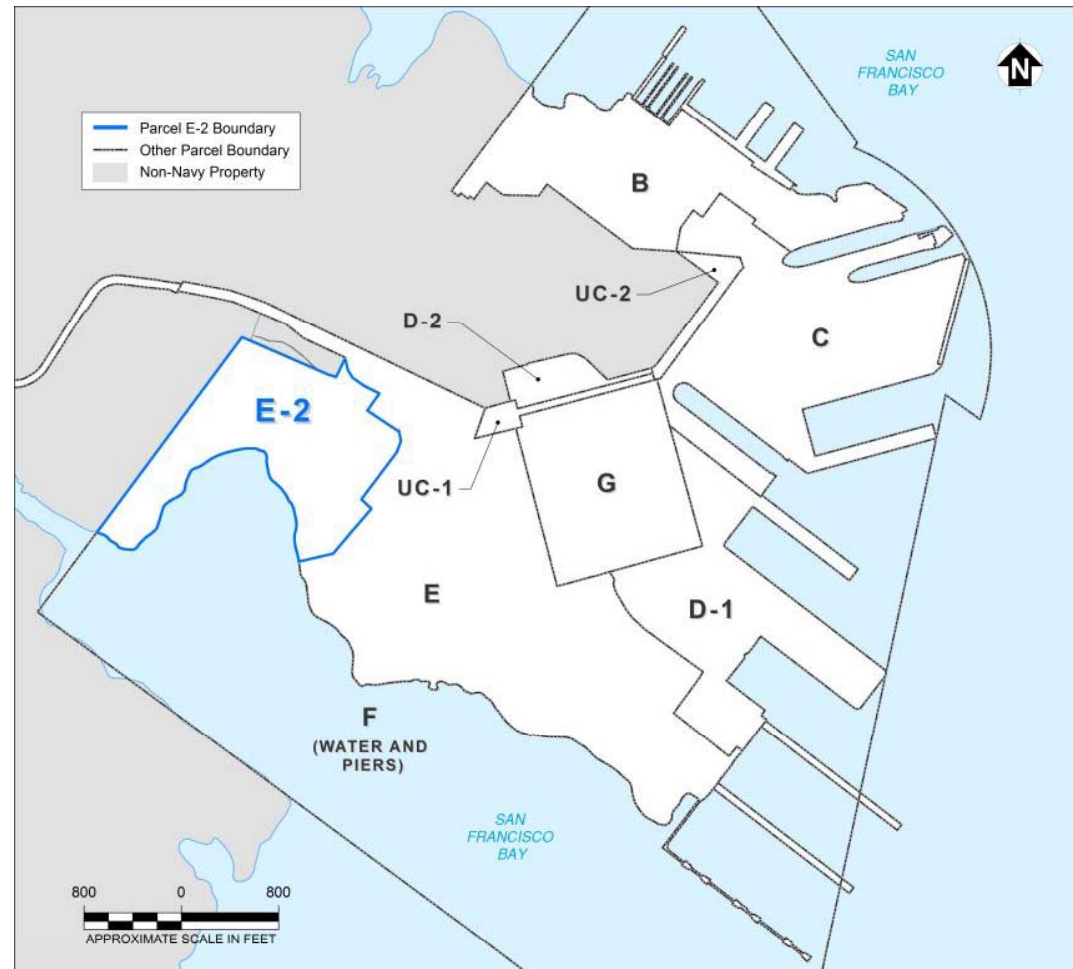


Location of Parcel E-2



Parcel E-2

- Located in the southwest part of Hunters Point Naval Shipyard
- Includes about 48 acres of shoreline and lowland coastal area





History of Parcel E-2

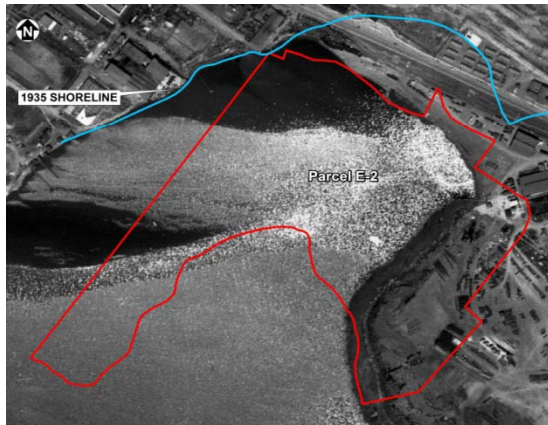


Parcel E-2 was created between the early 1940's and late 1960's by filling along the edges of the Bay with various materials

- Soil
- Crushed bedrock
- Dredged sediments
- Construction debris
- Trash and industrial wastes



Changes to Parcel E-2 with Fill Material



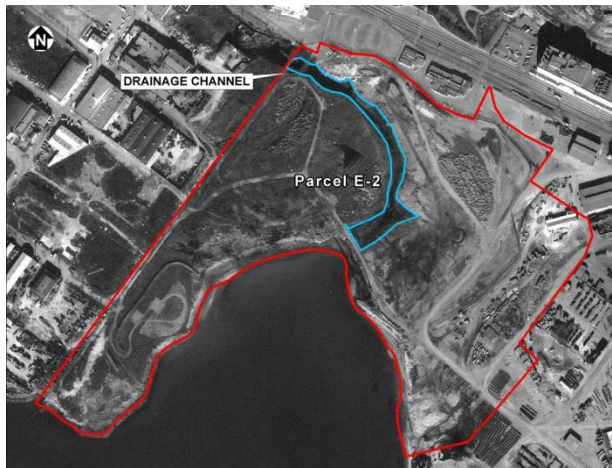
1946



1955



1965



1969



1974



Parcel E-2 Today





Accomplishments in 2011



PCB Hot Spot Area Excavation

- Removed contaminated soil from seven different areas



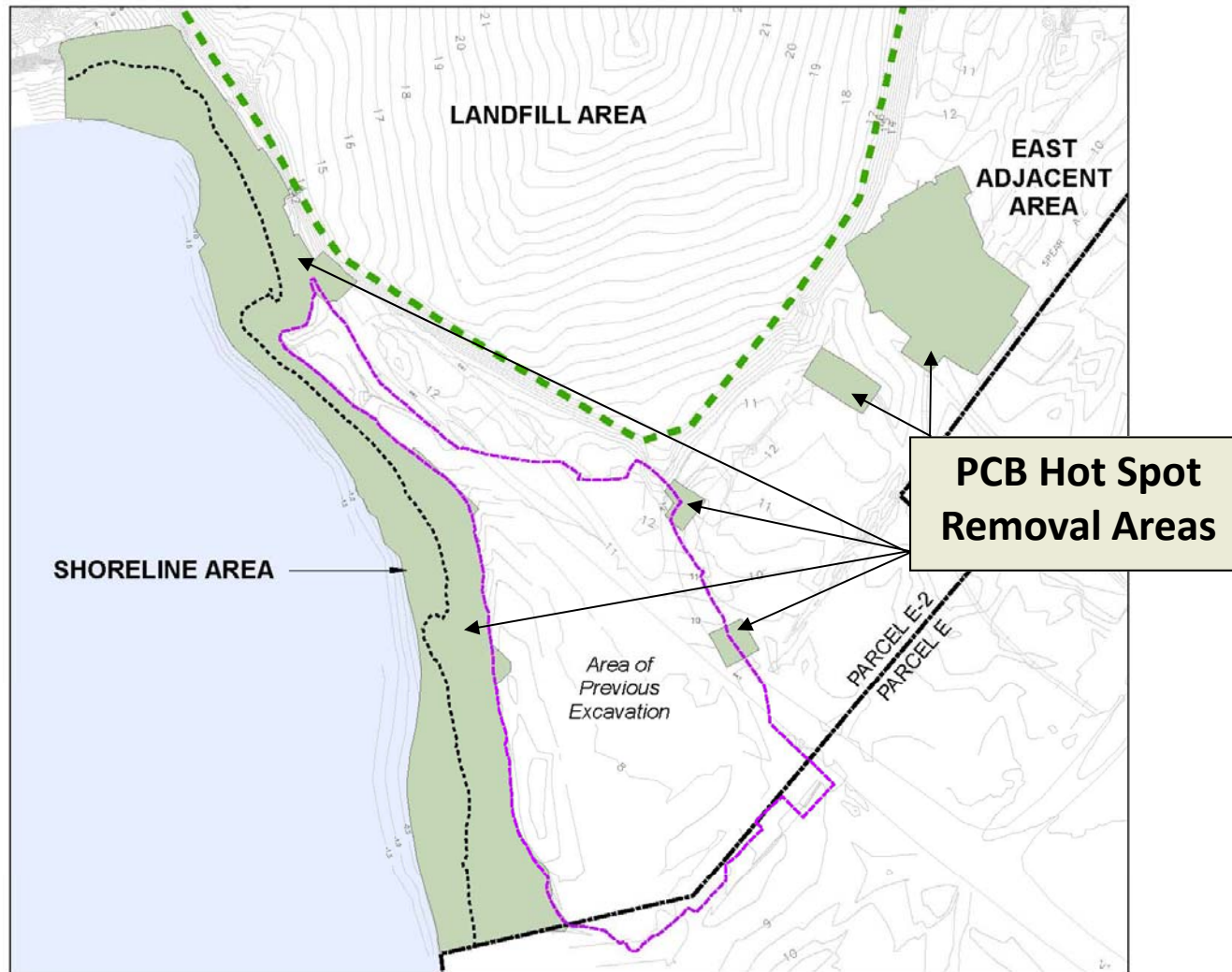
PCB Hot Spot Area Excavation



- Contaminants of Concern:
 - PCBs
 - Petroleum
 - Solvents
 - Lead
- Excavation Process (2011)
 - Removed about 2,500 truckloads of contaminated soil
 - Dug mostly along the shoreline and some inland areas to about 12 feet below the ground
- Backfilled with clean soil
- Placed rock along the shoreline to prevent erosion



PCB Hot Spot Area Site Layout Map





PCB Hot Spot Area: BEFORE

looking northwest





PCB Hot Spot Area: AFTER

looking northwest





PCB Hot Spot Area *(continued)*

Before & During Fieldwork



Parcel E-2 shoreline before field work
(looking south)
July 6, 2010



Parcel E-2 shoreline during field work
(looking south)
September 13, 2011



PCB Hot Spot Area *(continued)*

Before & After Rock Placement



Turbidity Curtain

Parcel E-2 shoreline after backfilling
(looking south)
November 16, 2011



Parcel E-2 shoreline after placing rock
(looking south)
January 12, 2012



PCB Hot Spot Area *(continued)*

Before Fieldwork – high and low tide views



Parcel E-2 shoreline before field work – high tide
(looking north)
November 17, 2009



Parcel E-2 shoreline before field work – low tide
(looking north)
June 4, 2010

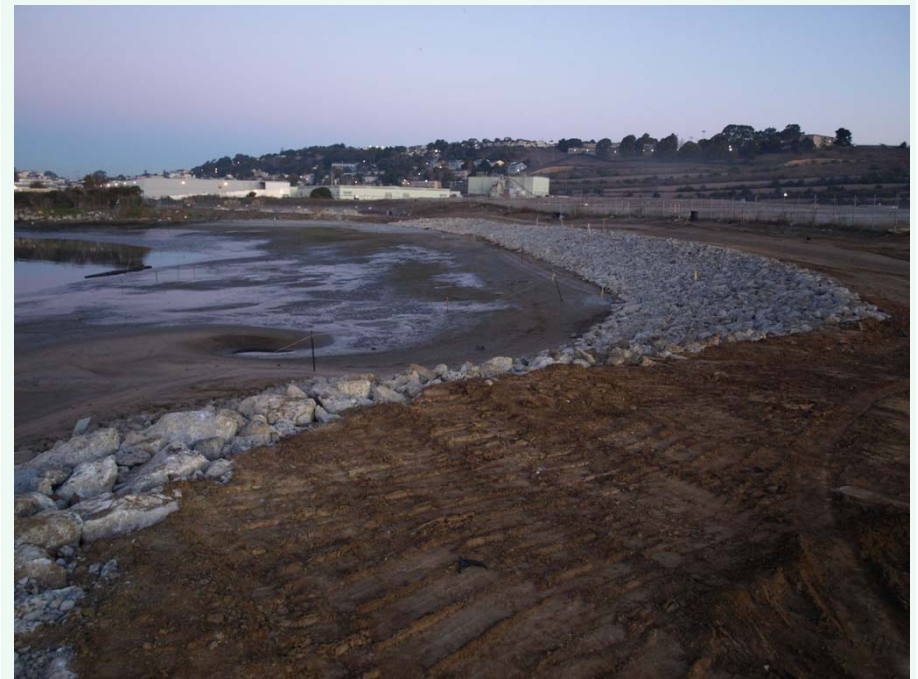


PCB Hot Spot Area *(continued)*

Before & After Rock Placement



Parcel E-2 shoreline after backfilling
(looking north)
August 16, 2011



Parcel E-2 shoreline after placing rock
(looking north)
January 12, 2012



PCB Hot Spot Area (continued)



- Removed soil contaminated with lead at levels over 100,000 ppm from old battery disposal area



PCB Hot Spot Area *(continued)* *Old Batteries Removed from Excavation*





PCB Hot Spot Area Radiological Screening



- Radiological screening conducted on all excavated soil
- 37 radiological items encountered to date (including items like deck markers)
- Items are properly transported and disposed of at an offsite landfill





Activities Planned for 2012



1. Experimental Ship Shielding Range Survey and Excavation
2. Methane Survey
3. Record of Decision for Parcel E-2



Experimental Ship Shielding Range

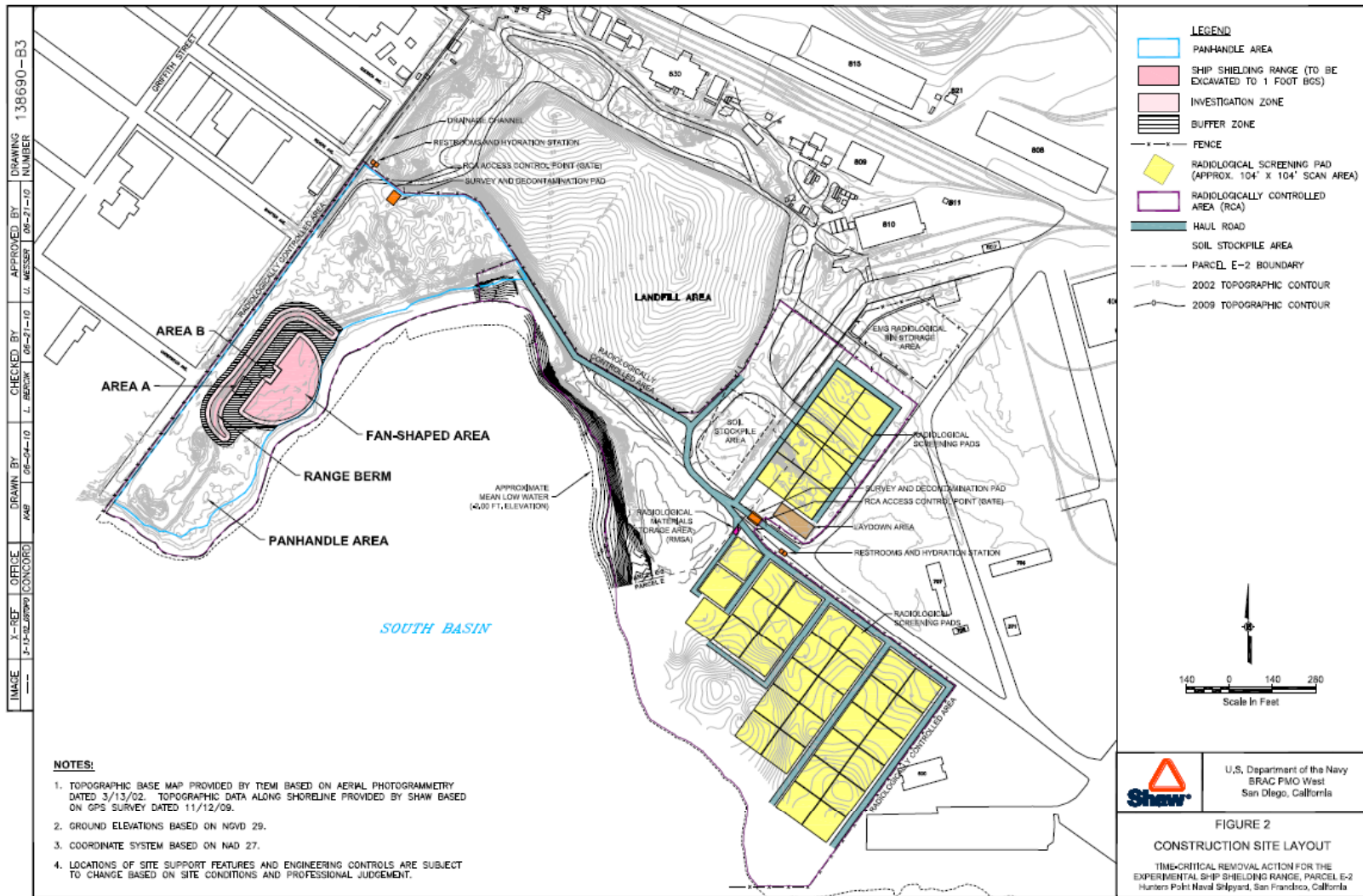


- The site is currently an open field on the Panhandle – there are no longer any buildings or structures.
- This is an area where radioactive material was used to test armoring material for ships.
- The Navy will conduct an investigation and removal of the primary radioactive material used on the range.





Experimental Ship Shielding Range (continued)





Methane Survey – Late 2012



- Methane survey to be conducted across Parcel E-2, except for the landfill area
- Wood debris and naturally occurring material is present **outside** of landfill that could also make methane
- Navy plans to collect samples to evaluate if methane outside of the landfill also needs a gas control system



Reminder for April 11 Meeting



- Navy plans to release the Draft Record of Decision in March 2012
- The April 11 Community Meeting is planned to discuss the Draft Record of Decision
 - April 11, 2012
 - Alex Pitcher Room, SECC
 - 6:00 p.m.



Additional Information



- Information Repositories contain project-related documents

San Francisco Main Library

Government Information Center, 5th Floor

100 Larkin Street

San Francisco, CA 94102 (415) 557-4500

Hunters Point Naval Shipyard Office Trailer

690 Hudson Street

San Francisco, CA 94124

- This presentation can be found on the Internet at **www.bracpmo.navy.mil**



Project Contacts



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Open House Session



Open House Session 20 Minutes

We welcome you to visit our 3 topic-specific tables to learn more about the Navy's cleanup at HPNS.

Table 1: HPNS Community Involvement for 2012

Table 2: Cleanup at Parcel E-2

Table 3: Meet the Regulators



Open House Summary



Summary from Open House Tables

Table 1: HPNS Community Involvement for 2012

Table 2: Cleanup at Parcel E-2

Table 3: Meet the Regulators



Open Forum



Questions



Navy Contact Information



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