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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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

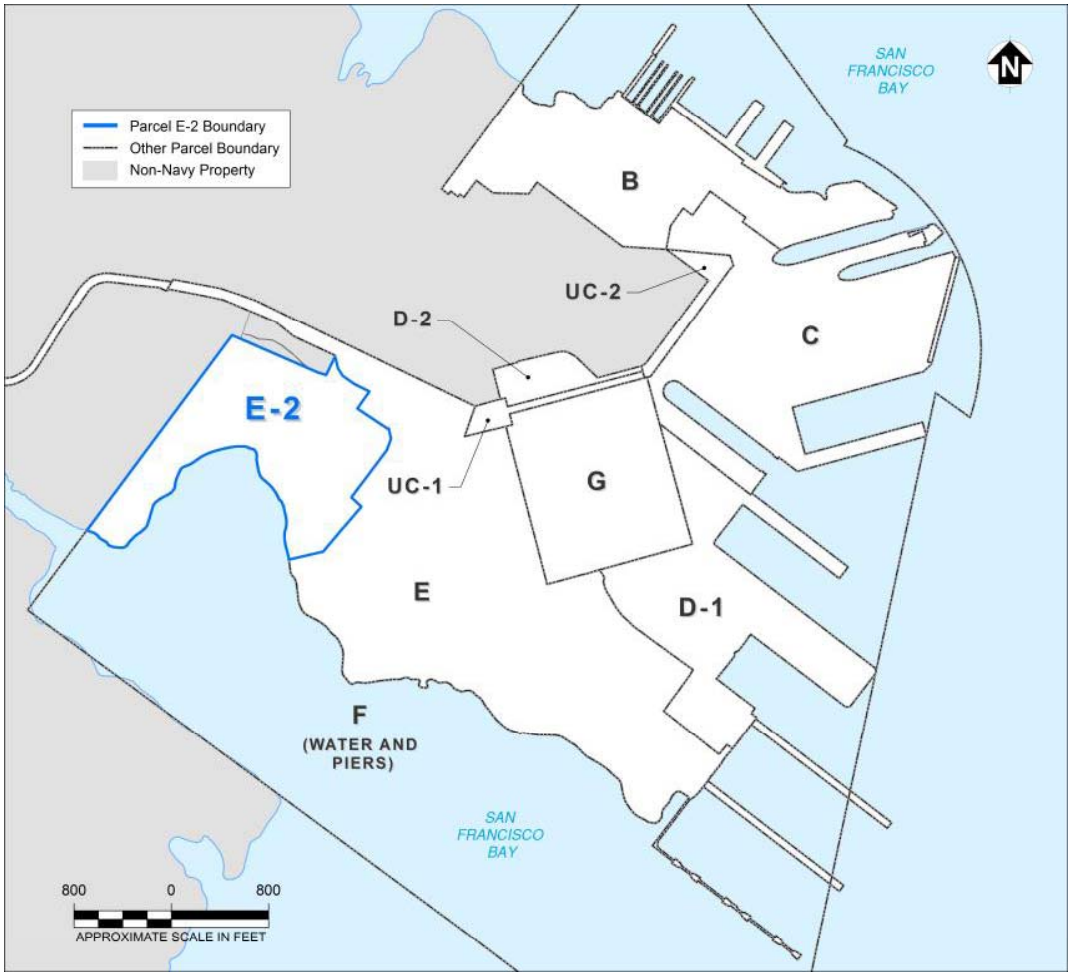
What will we talk about tonight?

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

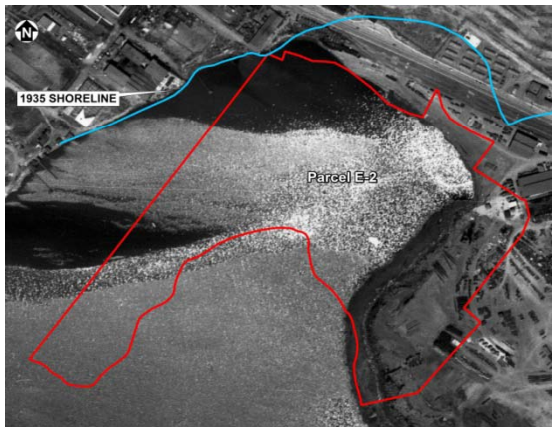


History of Parcel E-2

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

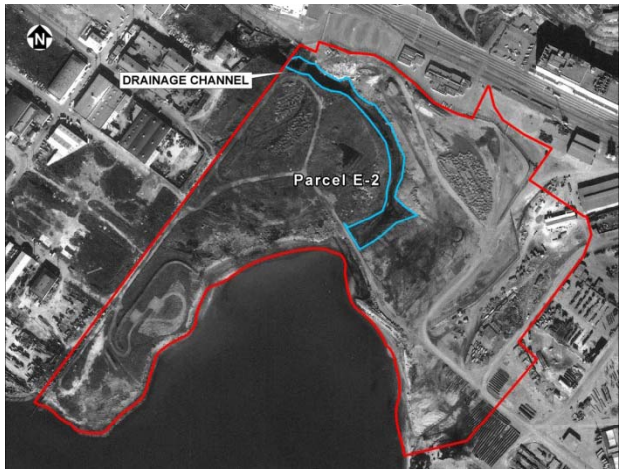
Changes to Parcel E-2 with Fill Material



1946

1955

1965



1969

1974

Parcel E-2 Today

Accomplishments in 2011

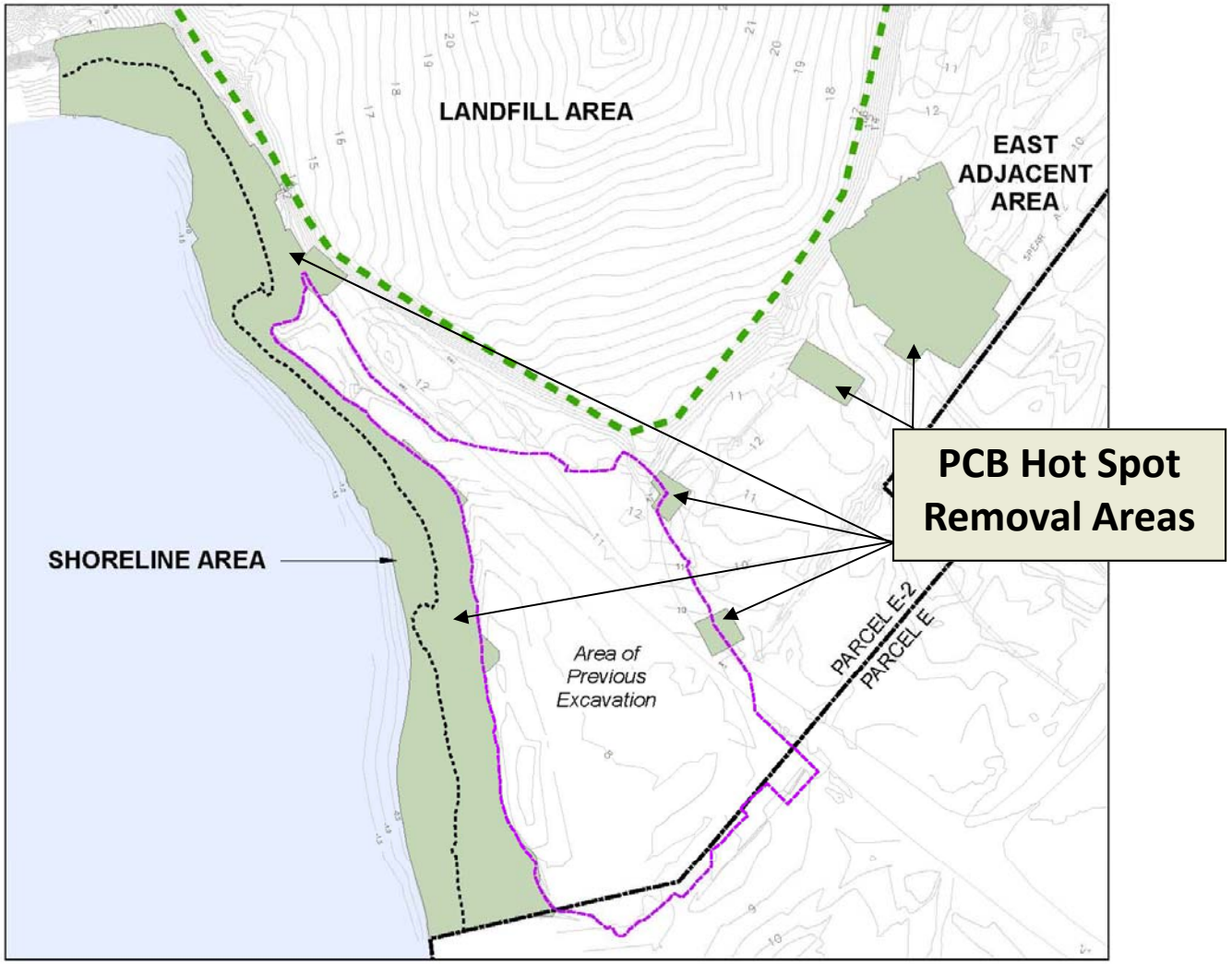
PCB Hot Spot Area Excavation

- 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

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

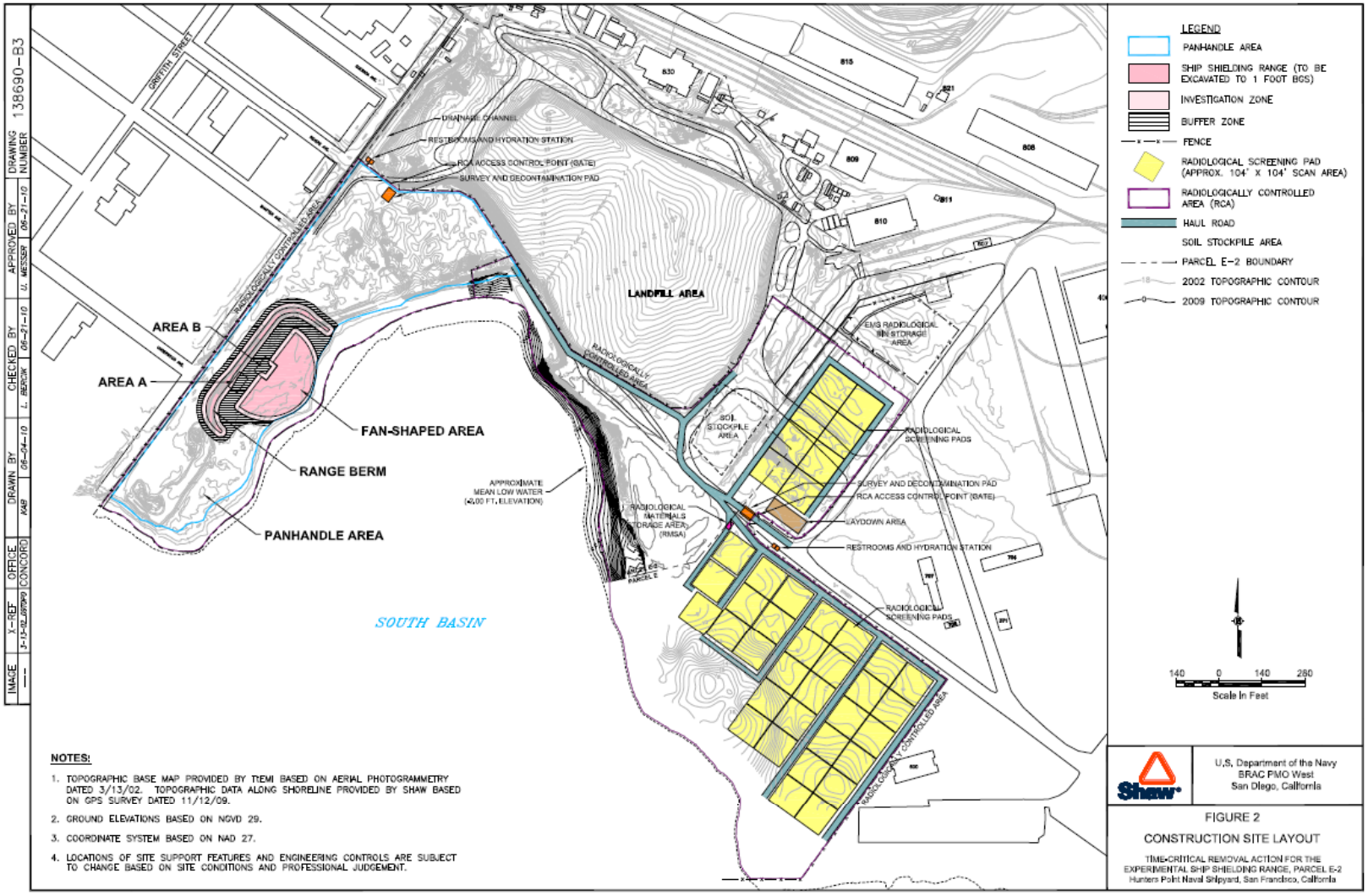
Activities Planned for 2012

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

Contacts for Hunters Point Naval Shipyard

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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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