Hunters Point Naval Shipyard

Environmental Cleanup Activity Update

Hunters Point Naval Shipyard
Community Meeting
June 27, 2012

Welcome and Introductions

Navy Team Members

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Welcome and Introductions

Purpose of Tonight's Meeting

- Provide an update of the overall cleanup status at HPNS
- Summarize cleanup activities taking place this summer and fall
- Provide an overview of cleanup activities scheduled for early next year

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	Presentation
6:55 – 7:15	Open House Tables
7:15 – 7:25	Open House Summaries
7:25 – 7:45	Questions & Answers
7:45	Adjournment & Action Items

Meeting Format & Ground Rules

- The general presentation will take about 40 minutes
- Please hold your questions during the presentation; you will have an opportunity to ask questions at the end of the presentation
- We welcome you to visit members of the Navy and regulatory agencies at our Open House Tables following the presentation
- There will be time at the end of the meeting to answer any additional questions
- Meeting materials are available to provide more detailed information:
  - HPNS Quarterly Updates (May 2012 and July)
  - HPNS 2012 Calendar of Events
  - Fact Sheet: 2012 Cleanup Activities Update
  - Frequently Asked Questions (FAQ) handout

Cleanup Activity Update
Hunters Point Naval Shipyard
COMMUNITY MEETING
June 27, 2012

Cleanup Overview: HPNS Parcels

- 934 acres of waterfront property
  - 486 acres on land
  - 448 acres under water in San Francisco Bay
- Divided into parcels to expedite investigation and cleanup
  - Parcels B – G and UC-1 & 2
- Each parcel in a different stage of the cleanup process

Parcel Cleanup Status

Parcel A
- Cleanup complete
- Transferred in 2004

Parcel B
- Radiological screening and durable cover installation completed at Sites 7 and 18
- Periodic inspections and maintenance underway at Sites 7 and 18 to maintain the integrity of the remedy
- Remainder of Parcel B is being cleaned up now.

Parcel C
- Studies complete
- Developing the plans for cleaning up the site
- Cleanup will begin in early 2013

Parcel D
- Anticipated transfer of Parcel D-2: late 2012
- Parcel D-1 radiological work continues
- Parcel D-1 cleanup for non-rad waste will begin in 2013

Parcel E
- Studies continue on groundwater and soil

Parcel E-2 (landfill)
- Contaminated soil and debris removed
- Draft Record of Decision submitted March 2012
- PCB Hot Spot Cleanup is almost complete
- Cleanup at the Ship Shielding Range is beginning now

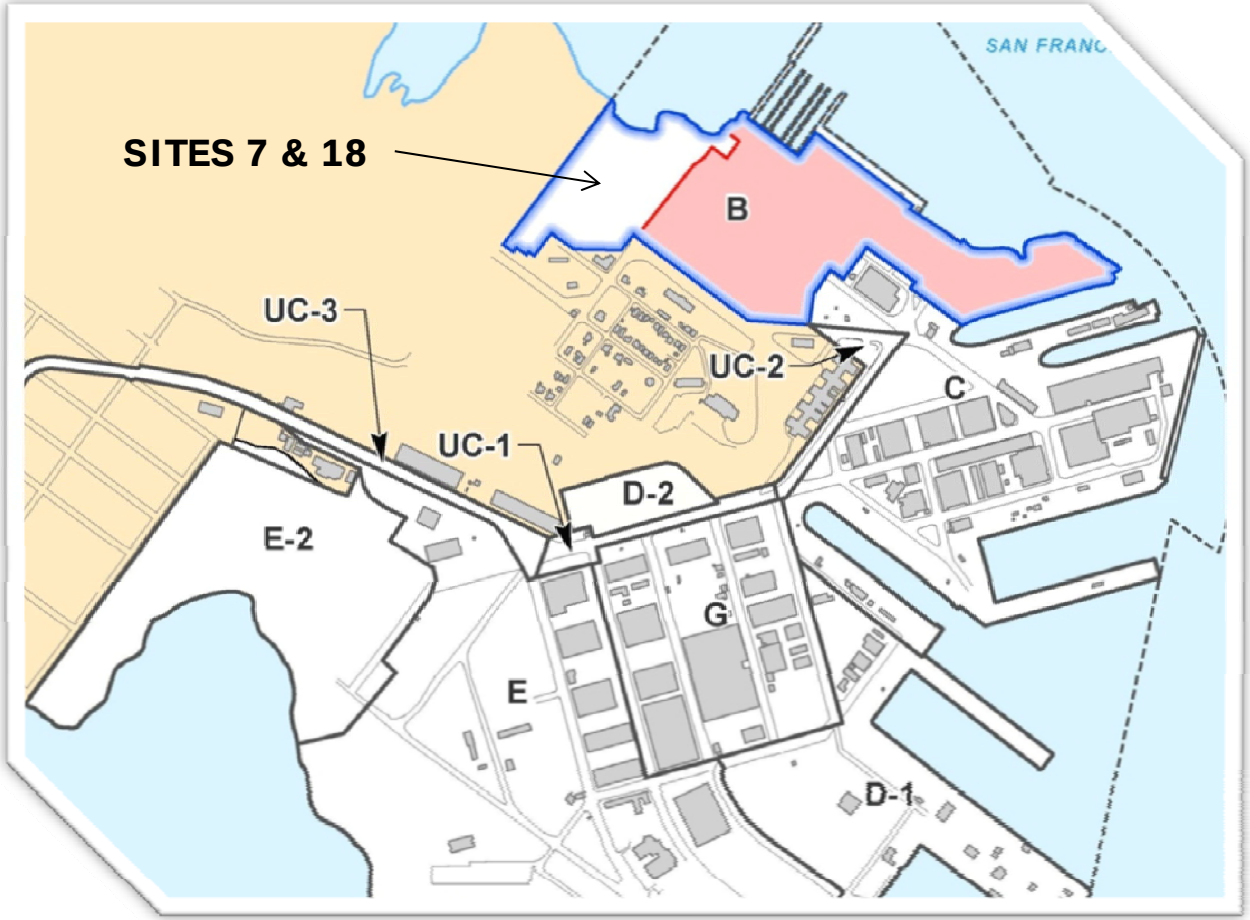
Parcel F
- Radiation evaluations ongoing

Parcel G
- Contaminated soil removed
- Cleanup will begin in early January 2013

Parcel UC-1 & UC-2
- Sewer & storm drain lines removed
- Cleanup began in late May 2012
- Soil excavation work completed and soil cover installation is underway
- Construction expected to be completed by August 2012

Cleanup Update: Parcels B, UC-1 & UC-2, Former Ship Shielding Range

Parcel B



Parcel B Site Map

Cleanup Update: Parcels B, UC-1 & UC-2, Former Ship Shielding Range

Parcel B

- **Overview**
  - Ship repair & maintenance
- **Clean up activities to date**
  - Remedial Action at Sites 7 and 18 completed (western portion of Parcel B):
    - Debris from the shoreline of Sites 7 and 18 was removed and disposed of
    - Approximately 1,000 feet of shoreline was armored with large rocks (rip rap)
    - Approximately 13 acres was covered with 2-3 feet of clean soil and planted with wildflowers
  - Periodic inspections and maintenance ongoing at Sites 7 and 18

Sites 7 and 18 with new plantings

Cleanup Update: Parcels B, UC-1 & UC-2, Former Ship Shielding Range

Parcel B

- **Upcoming cleanup activities:**
  - Continued inspections and maintenance at Sites 7 and 18:
    - Engineers will inspect the soil cover, rock revetment, and fence every 3 months to make sure the remedies are performing as designed
    - Vegetation will be inspected regularly and poor growth areas repaired, as needed
    - Vegetation will be mowed using environmentally friendly goats (July-November)

Environmentally Friendly Vegetation Management with Goats

Cleanup Update: Parcels B, UC-1 & UC-2, Former Ship Shielding Range

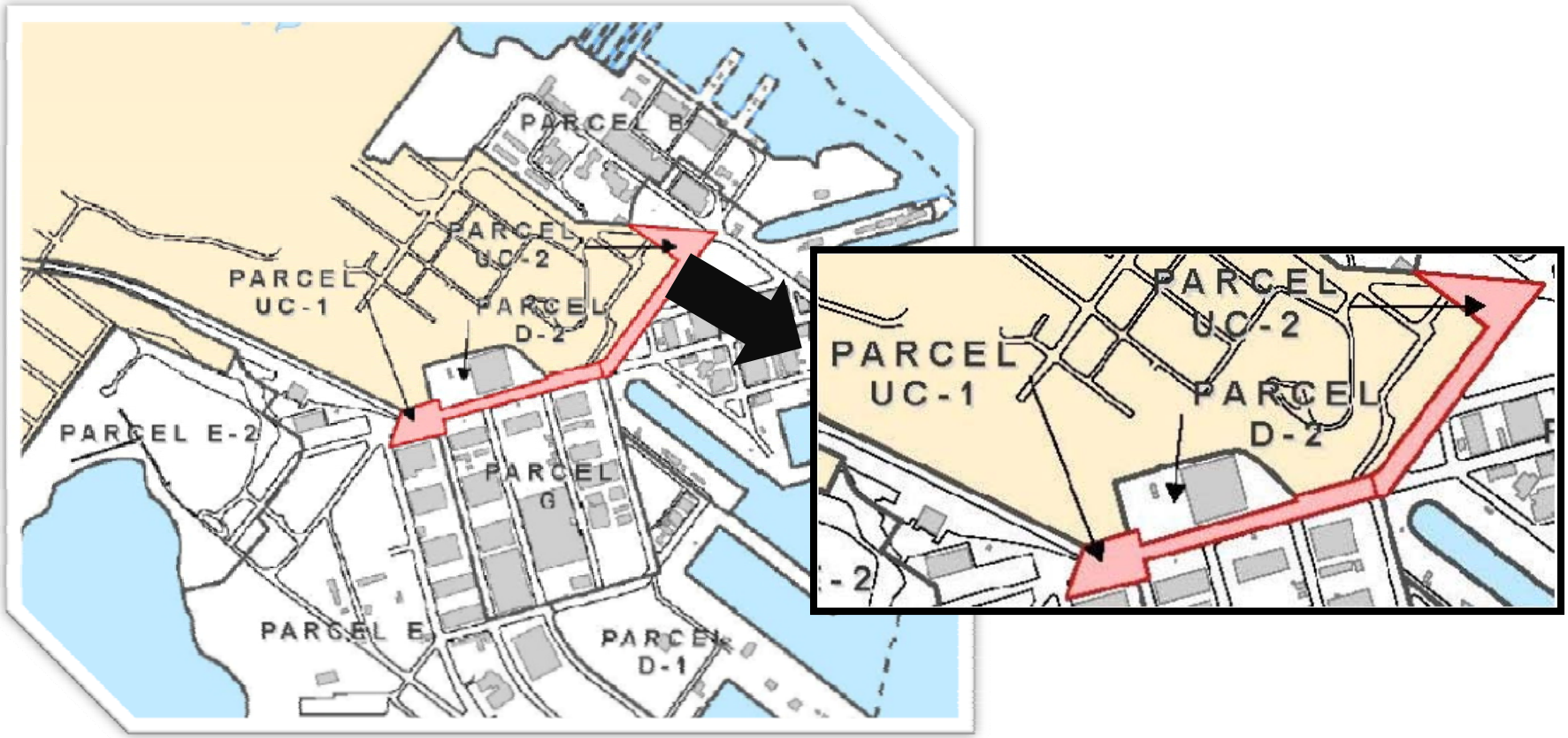
Parcel B

- **Upcoming cleanup activities (continued):**
  - Remedial Action for remainder of Parcel B includes:
    - Placing large rocks (rip rap) over approximately 1,500 feet of shoreline
    - Installing soil and asphalt covers over the parcel
    - Cleaning up subsurface groundwater and soil
  - Cleanup to begin in November 2012 and end in August 2013

Parcel B Shoreline Armored with Large Rocks (Rip Rap)

Cleanup Update: Parcels B, UC-1 & UC-2, Former Ship Shielding Range

Parcels UC-1 & UC-2



Parcels UC-1 & UC-2 Site Map

Cleanup Update: Parcels B, UC-1 & UC-2, Former Ship Shielding Range

Parcels UC-1 and UC-2

- **Site Overview**
  - Utility Corridors on base
  - Spear Avenue, Fisher Avenue & Robinson Street
- **Clean up activities to date**
  - Completed removal of all sewer and storm drain lines
  - Started groundwater monitoring
  - Started Remedial Action Construction in May 2012

Cleanup Update: Parcels B, UC-1 & UC-2, Former Ship Shielding Range

Parcels UC-1 & UC-2

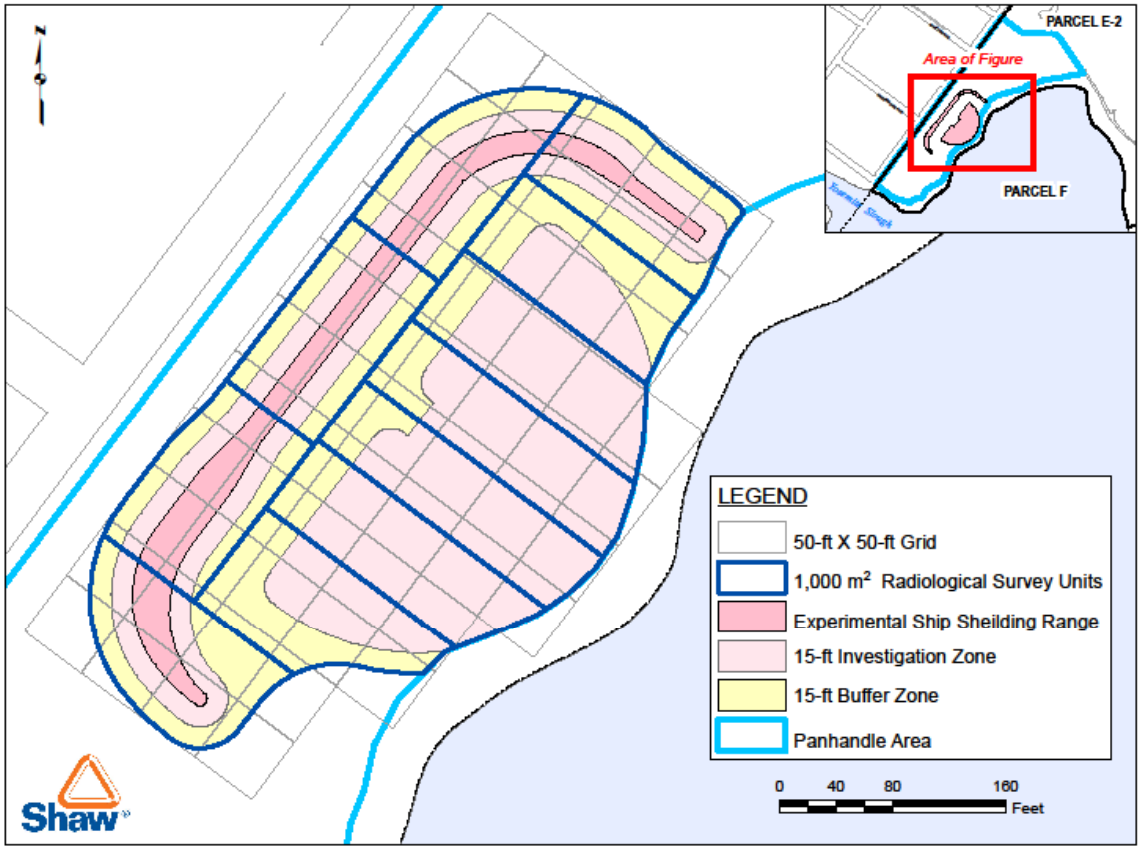
- **Upcoming Cleanup Activities**
  - Cleanup to be completed in August 2012
    - Installation of 2-foot soil cover on existing hill slopes
    - Planting of slopes with native vegetation
    - Restoration of asphalt in roadways
  - Post-cleanup
    - Inspections & monitoring to begin following construction (August 2012)
    - Engineers will inspect the soil and asphalt covers every 3 months to ensure remedies are performing as designed
    - Regular inspection of vegetation; repair of poor growth areas, as needed

Former Ship Shielding Range

- **Overview**
  - Radiological research
  - Tested armoring material for ships
- **Cleanup Activities to Date**
  - Mobilized to the site on May 29
  - Performed biological survey on May 29
  - Completed utility and land surveys
  - Installed perimeter fence on June 6
  - Commenced initial radiological surveys on June 7
  - Removed surface debris from excavation area
  - Performed radiological surface scanning

Cleanup Update: Parcels B, UC-1 & UC-2, Former Ship Shielding Range

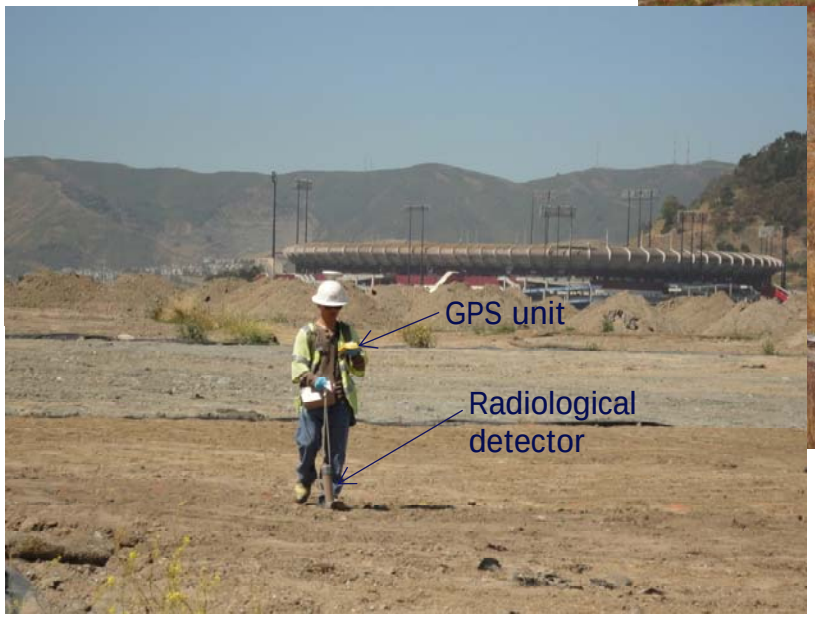
Former Ship Shielding Range



Site Map: Former Ship Shielding Range

Cleanup Update: Parcels B, UC-1 & UC-2, Former Ship Shielding Range

- Radiological technician conducting a walkover survey at Ship Shielding prior to start of excavation.
- A GPS unit/data logger records the walked areas to ensure all areas were surveyed.



Former Ship Shielding Range

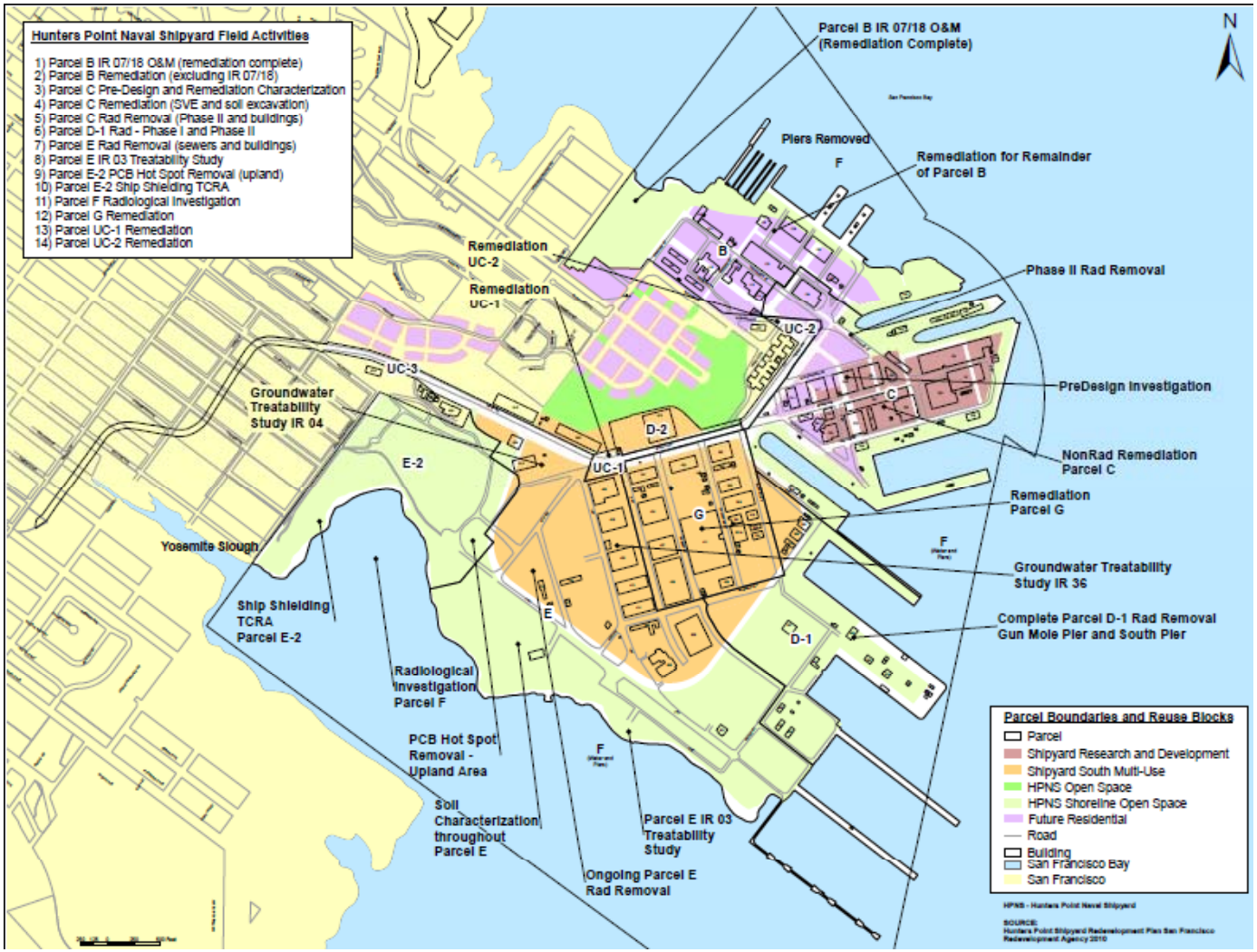
- **Future Cleanup Plans**
  - Field dates: June – August 2012
  - Excavate and remove Shielding Range and related features
  - Radiological screening of excavated soil
  - Final radiological survey of excavated footprint
  - Waste disposal
  - Site restoration and cleanup
  - Final report: January 2013

Cleanup Activities Planned for 2013

- **Parcel G Remediation**
  - Develop and submit work plan for cleanup and management of truck traffic (September 2012)
  - Field work to begin January 2013
    - Repair of cracks and voids within existing structures/buildings
    - Conduct proactive air monitoring and dust control
- **Parcel C Remediation**
  - RAD removal
    - From soil through April 2013
    - From buildings begins October 2012
  - Removal Action
    - October 2012 through May 2013
- **Parcel D-1 Remediation**
  - Removal of RAD materials
    - Excavation of soil
    - Testing & analysis
  - Ongoing through October 2012
    - Gun Mole
    - South Piers

Look for more information on these cleanup activities in upcoming fact sheets and meetings!

HPNS Cleanup Field Work



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**

Open House Tables

- Please visit our Open House tables to learn more about the Navy's cleanup activities on HPNS and the regulatory agencies' roles
- This portion of the meeting is scheduled for 20 minutes; 5 minutes prior to the end of the session, an announcement will be made
- At the end of the Open House Session, a representative from each table will summarize the questions asked

Open Forum

Questions

- Please **raise your hand** if you have a question.
- Please **wait to be recognized** by presenters before asking your question.
- Please **state your name** and if you are associated with a particular interest group.
- Please **limit yourself to one question** when speaking.
- Please **be respectful** of fellow community members and presenters while they are speaking.

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HPNS Bus Tour

Join us for a guided tour of the cleanup activities on HPNS!

- Saturday, July 28
- 10:00 a.m. and 1:00 p.m.
- A sign-up sheet is available at the Navy Open House Table