



NAVFAC
Naval Facilities Engineering Systems Command

Hunters Point Naval Shipyard Environmental Program Update

Hunters Point Shipyard Citizens Advisory Committee
Environmental & Reuse Subcommittee Meeting

January 22, 2024

Michael Pound - BRAC Environmental Coordinator
Daniel Dutra – Lead Remedial Project Manager (Radiological Sites)
Brooks Pauly – Lead Remedial Project Manager (Non-radiological Sites)

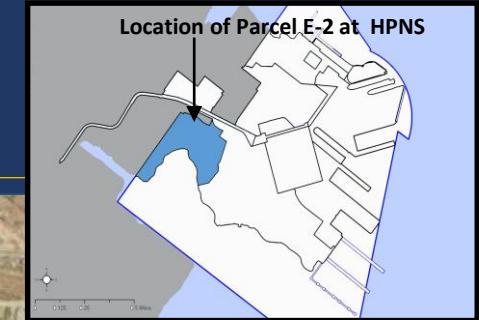
Agenda

Topic	Team Member
• Introductions	Michael Pound
• Ongoing Activities – Updates <ul data-bbox="371 410 1318 807" style="list-style-type: none">• Five-Year Review and Climate Resilience• Elevated Landfill Gas Reading in Parcel E-2• Parcel B Building Demolition (Non-radiological)• Radiological Retesting• Radiological Object Reports• Strontium-90 Verification Study Timeline• Parcel G Building Demolition (Radiological)• General Building Demolition Effort	Brooks Pauly Brooks Pauly Brooks Pauly Daniel Dutra Daniel Dutra Daniel Dutra Michael Pound Michael Pound
• HPNS Community Involvement Plan (CIP) Overview & Schedule	Michael Pound
• HPNS Community Involvement – Overview & Opportunities	Michael Pound
• Next Navy Presentation	Michael Pound
• Contacts	Michael Pound
• Questions	Navy Team

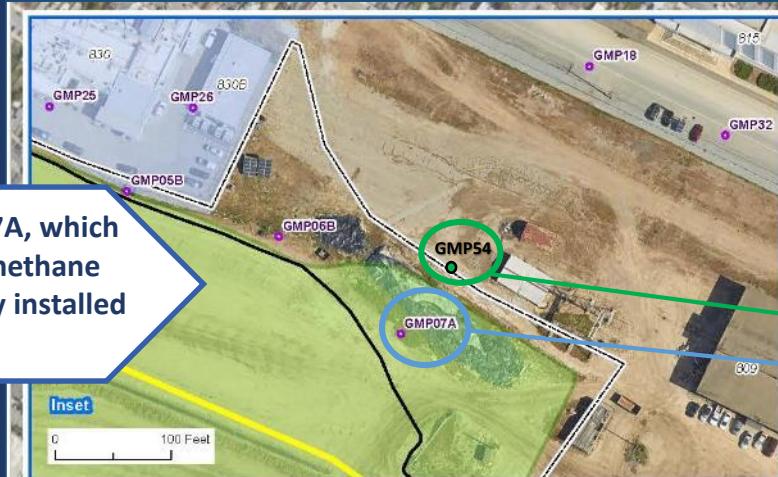
Five-Year Review (FYR) and Climate Resilience Assessment (CRA)

- **Draft FYR/CRA Public Comment Period**
 - Will be made available to the public on the HPNS website by **January 26, 2023** along with a fact sheet explaining how written comments can be submitted by email and U.S. Mail
 - Public comments will be taken from posting until **March 31, 2024**
 - **March 2024** Navy presentation at HPS CAC E&R Subcommittee Meeting to include an in-depth presentation of the climate assessment
- **Early May 2024: Workshop**
 - Allow the community to get a more in-depth understanding the FYR/CRA
- **May 2024: HPS CAC E&R Subcommittee Meeting**
 - Navy presentation about the community comments received and discussion of the Navy responses
- **July 31, 2024 issue the final signed FYR/CRA**

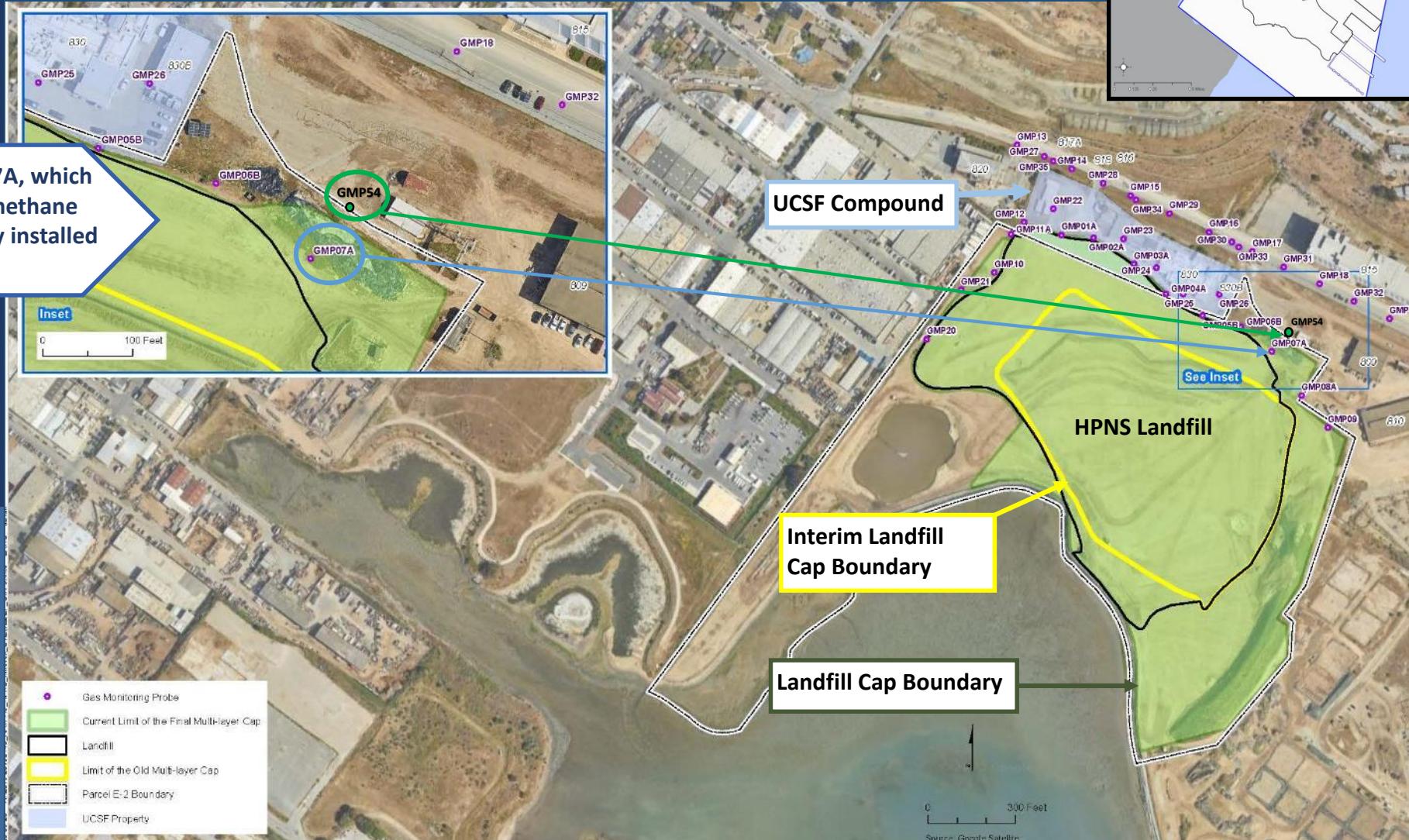
Elevated Landfill Gas Reading



Location of GMP07A, which had the elevated methane reading, and newly installed GMP54



Map of Parcel E-2, including the landfill, the multilayer cap, the final landfill cap boundary, and GMP locations across the landfill.



Elevated Landfill Gas Reading

This slide provides an update to the Navy's response to elevated landfill gas levels (LFG) readings at one gas monitoring probe (GMP). For more details, please see Navy presentations to the HPS CAC on September 25, 2023 and December 4, 2023.

Navy Response Actions (Updated)

- Monitoring continues after installation of GMP54
- Collaboration with regulatory agencies
 - installation of an extraction well to reduce methane levels at GMP07A
 - future changes to monitoring network

January 2023

- Elevated landfill gas reading at GMP07A
- No methane detected outside of the immediate area
- Notifications to regulatory agencies, UCSF, CalRecycle, HPNS Base Closure Team (BCT)

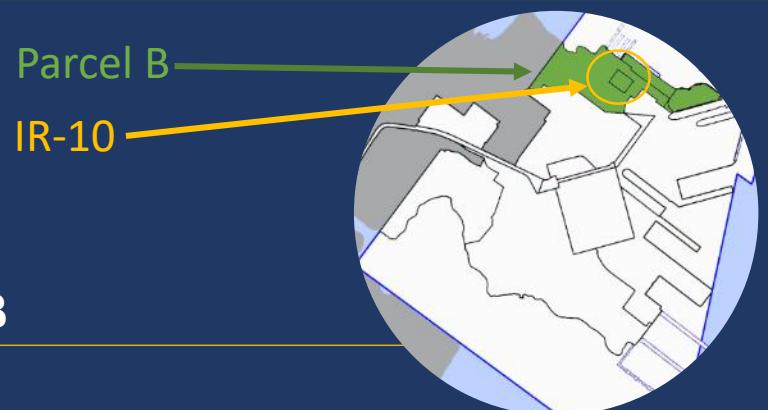


January 2024

- GMP54 installed at new (extended) landfill perimeter
- Multiple reading have been taken to date
- GMP54 methane readings have been approximately 0% part per million volume (ppmv), which is below the action level of 5% ppmv

Non-radiological Building Demolition: Installation Restoration (IR)-10 Building 123

Building demolition supports remediation of soil at IR-10 at Parcel B



Feb 2024 - April 2024

Building Demolition
Soil Vapor Extraction
System Removal

April - July 2024

Remedial Action
Characterization,
Contaminated Soil
Excavation, Remediation

July – Aug 2024

Backfill clean imported soil

Sep 2024 – July 2025

Installation of durable
covers, quarterly soil gas
monitoring

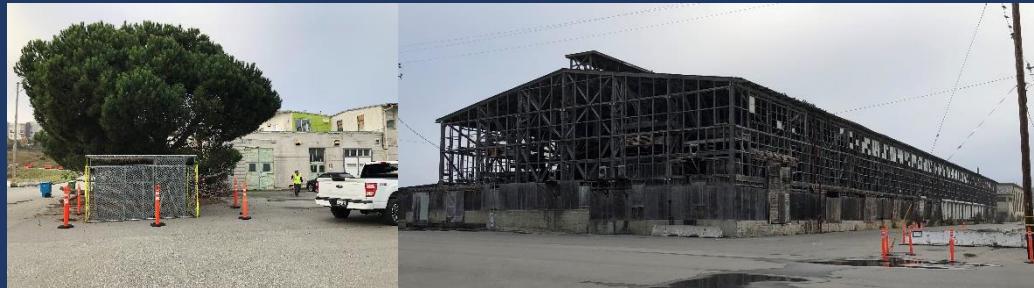
**Fieldwork begins
February 5, 2024**

Schedule Date: Jan 2024

Non-radiological Building Demolition: Building 123

Air Monitoring

- Three real-time air monitoring stations have been mobilized to the site:
 - One upwind of Building 123
 - One downwind of Building 123
 - One near Building 116
- Air samples monitored for:
 - Asbestos
 - lead
 - manganese
 - particulate matter smaller than 10 microns in diameter (PM_{10})
 - total suspended particulates



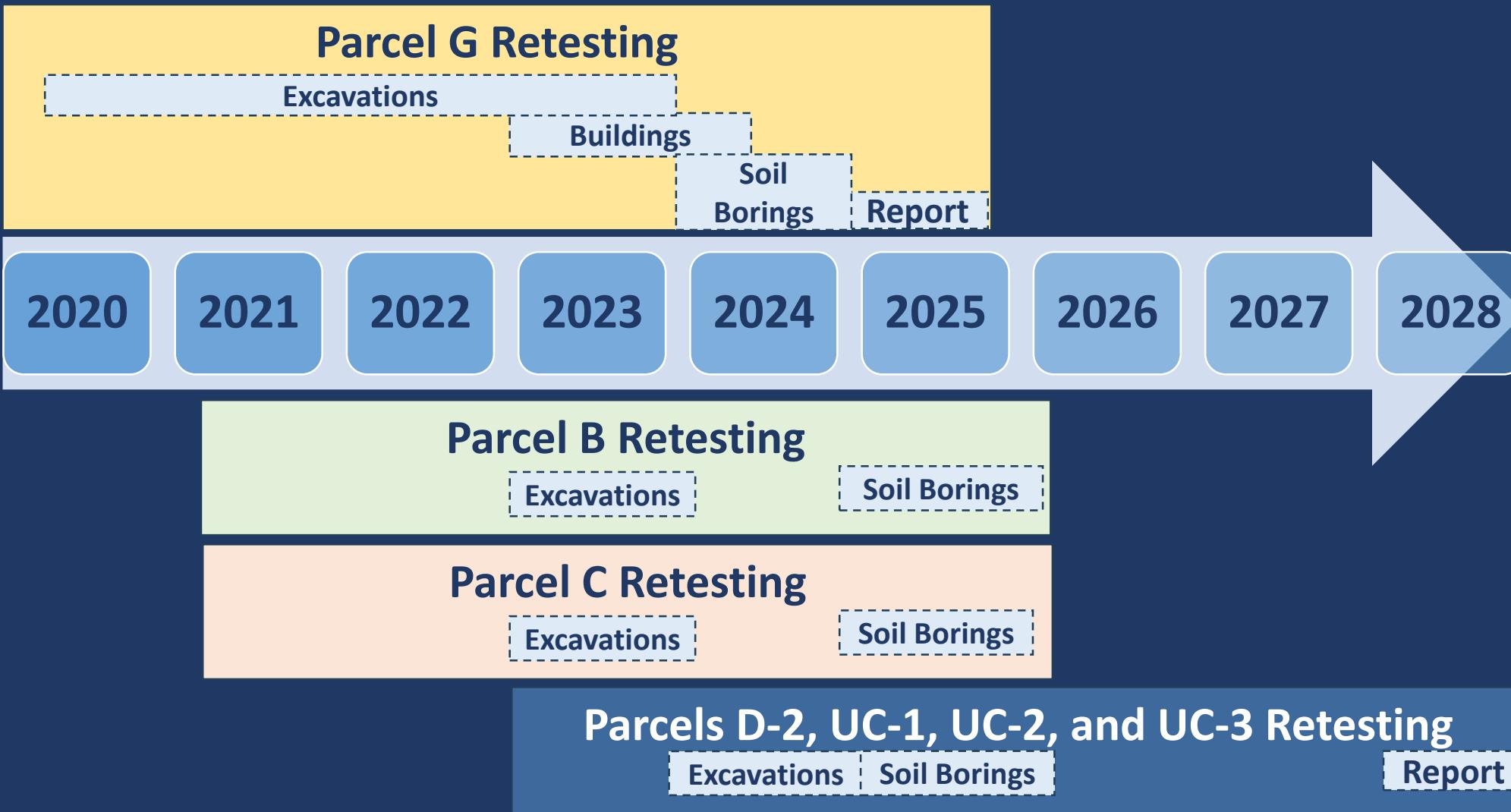
Air Monitoring Station at B116 and Building 123



Site practices to ensure site and community safety:

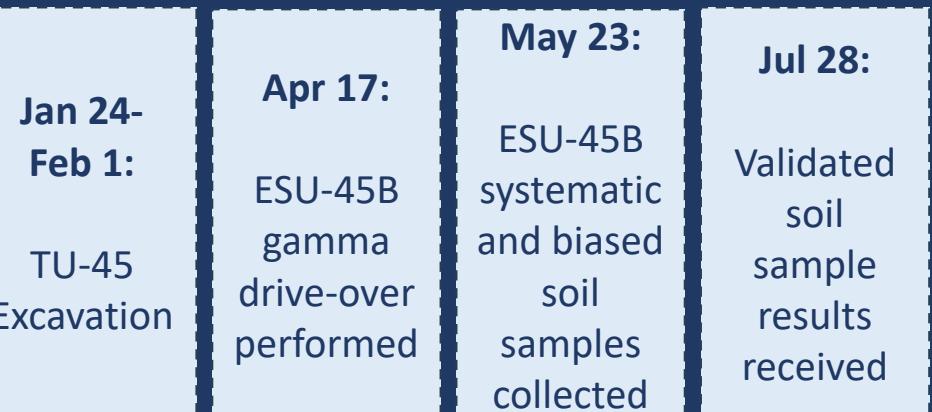
- Traffic Plan to minimize impact to community
- Wetting of building materials, roadways, soil and excavations
- Use of soil stabilizers
- Measures to prevent tracking out soil
- Tarp covers for truck loads exiting site
- Project control boundaries established for work areas to restrict access

Radiological Retesting Update



Radiological Object Report: Parcel B

Object identified as radium-226



Nov 6:

- Navy/RASO concurrence on general Parcel B data package format
- QC performed on ESU-45B data package following format approval/item discovery
- RSY Pad Investigation and Object Recovery

Nov 8:

- RO-01 bounding samples collected

Dec 6:

- Validated RO-01 bounding sample results received

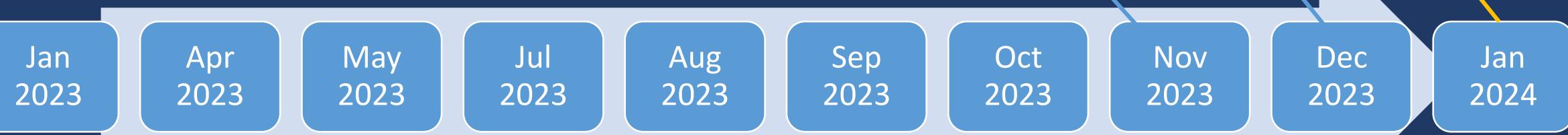
Dec 13:

- Radiological Object Analysis Results Received from lab

Dec 18:

- Radiological Object physically received back from lab

Radiological
Object Report and
Data Review
Underway



Radiological Object Report: Parcel C

Object identified as radium-226

Apr 12 – May 9:
TU-45 Excavation

Aug 24:

- ESU-315A gamma drive-over performed
- RSY Pad Investigation and Object Recovery

Sep 6:

RO-01 bounding samples and ESU-315A systematic / biased soil samples collected

Oct 3:

- Validated RO-01 bounding sample results received

Oct 18:

- Validated ESU-315A systematic / biased soil sample results received

Radiological Object Report and Data Review Underway

Apr 2023

May 2023

Aug 2023

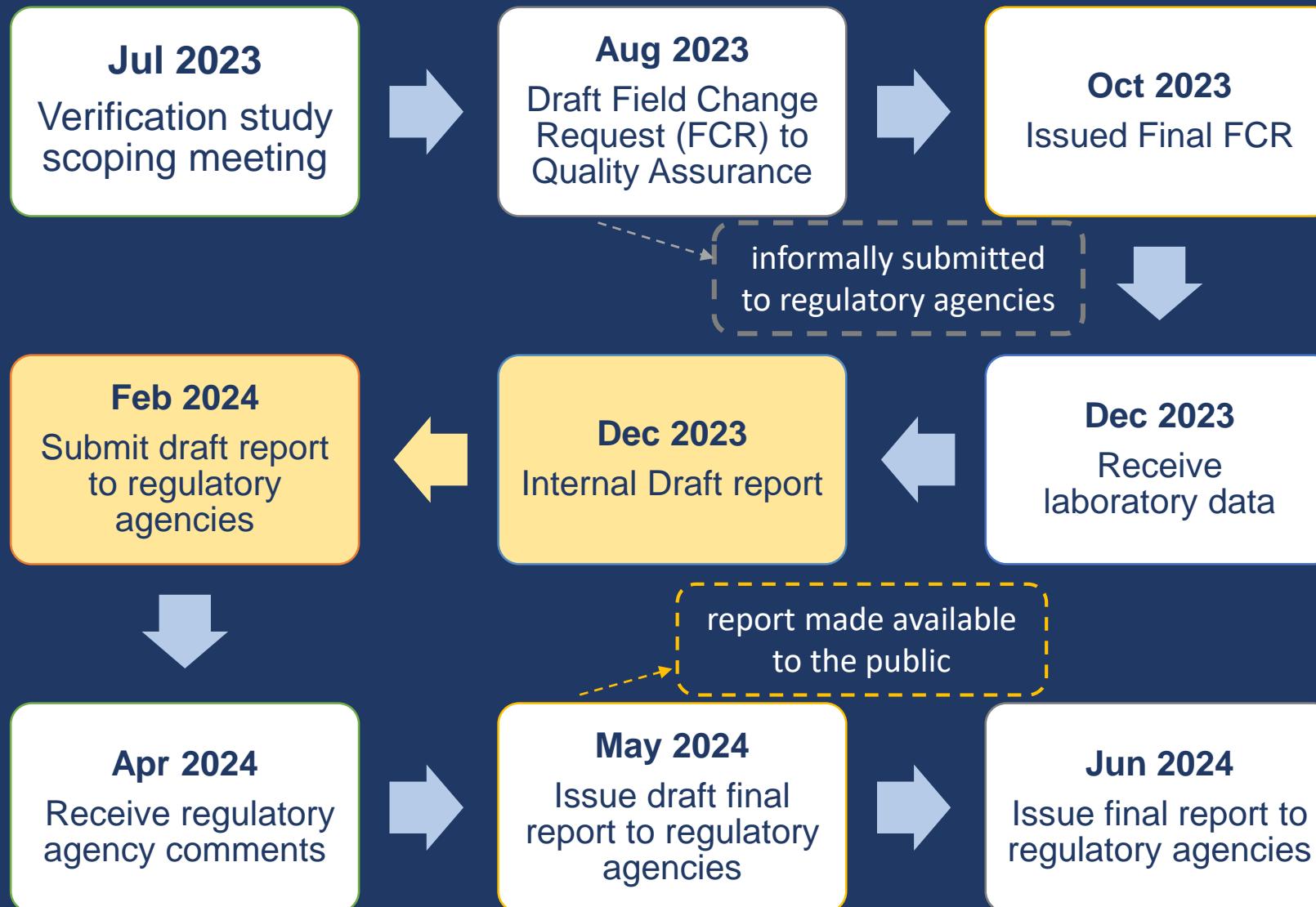
Sep 2023

Oct 2023

Dec 2023

Jan 2024

Strontium-90 Verification Study Timeline



What is a Field Change Request (FCR)?

The Field Change Request (FCR) is used to document and track a field change before implementation.

In this case, the Navy issued the FCR to change the strontium analytical method to a more accurate method.

Parcel G Radiological Building Demolition Effort

- **Contract task order award using existing Multiple Award Contract in late 2024 for Parcel G buildings**
 - Demolition planned to begin 2025
- **New Multiple Award Basic Contract for other buildings**
 - Planned for award in early 2025 (date TBD)



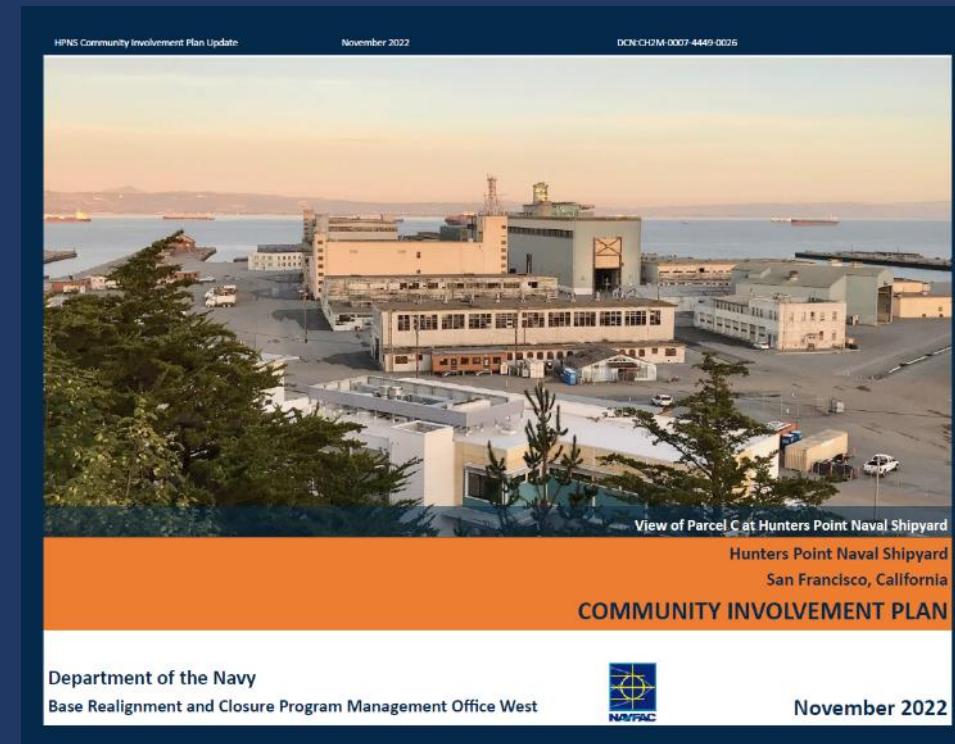
General Building Demolition Effort

- **Industry Day on April 24, 2024**
 - Navy Contracts working on developing scope language to promote the use of local small businesses and hiring of local labor and increasing their weight in contractor proposal evaluation
 - Navy working the City to increase awareness of potential small business subcontracting opportunities for upcoming building demolition projects via the Industry Day



HPNS Community Involvement Plan (CIP) Update

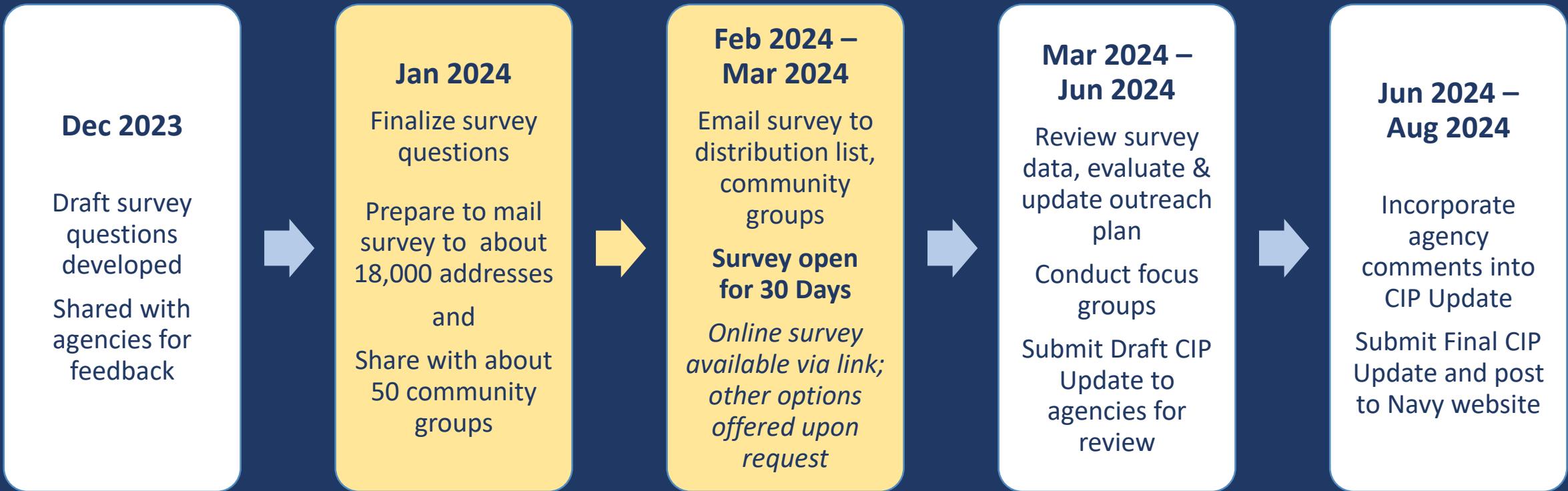
- **Opportunity for the Community to inform the Navy how they want to receive information and participate in the clean up process**
- **The HPNS CIP:**
 - Provides framework for Navy community outreach
 - Gathers community preferences & feedback via surveys and stakeholder discussions
 - Allows Navy to evaluate effectiveness of outreach since last update
- **The Navy updates the HPNS CIP every 2 years**
 - Last CIP Update: November 2022
 - Available on Navy's website
 - Preparations for the 2024 Update are underway



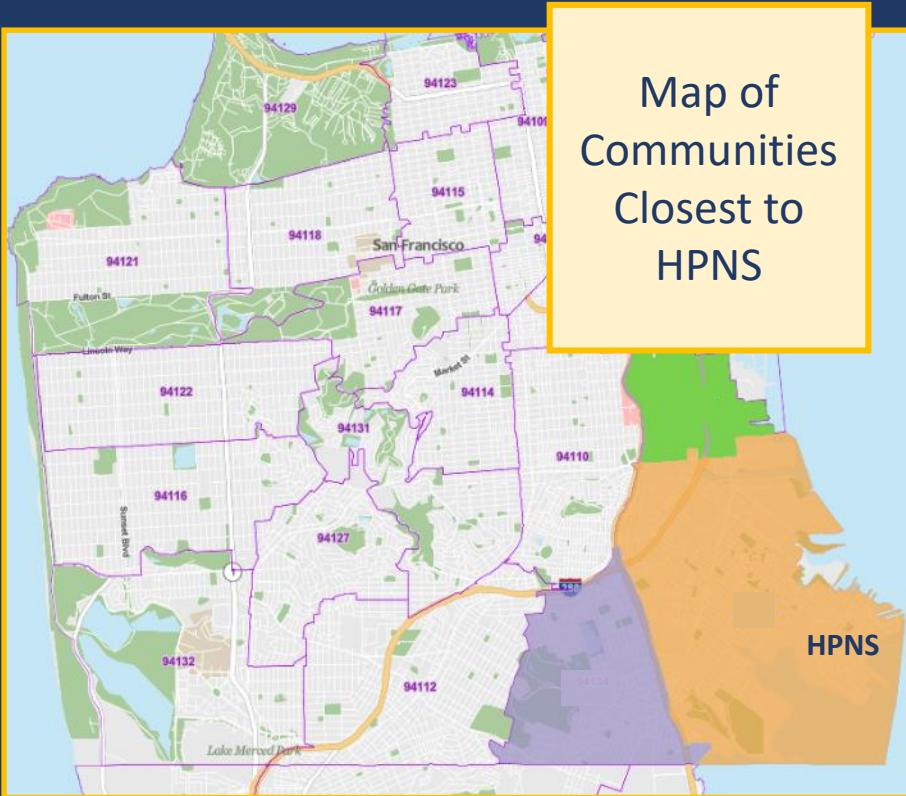
The HPNS CIP is available on the Navy's website; scan the QR code to view →



2024 CIP Update Schedule



Community Overview



- **Shipyard Tenants**
 - HPS Shipyard Artists
 - Eclectic Cookery
 - San Francisco Police Department
- **HPNS neighbors**
 - SF Shipyard community (former Parcel A)
 - People who live & work close to HPNS
- **People outside of the immediate area**
 - People who live & work in San Francisco
 - People who live & work in the Bay Area
- **Other interested members of the public**

Purpose of HPNS Community Involvement

- **To promote dialogue between the Navy and the community by:**
 - Sharing HPNS environmental cleanup program information with members of the community
 - Creating opportunities for community members to ask questions and get answers from Navy team members
 - Providing a structure for the Navy to receive and respond to formal public input on the HPNS cleanup program
- **Federal & state laws require community involvement to make sure that:**
 - The public is informed and involved early
 - Public concerns are heard
 - Public comments are considered when making decisions on hazardous waste cleanup sites

Community Involvement Opportunities

- **Electronic Resources**

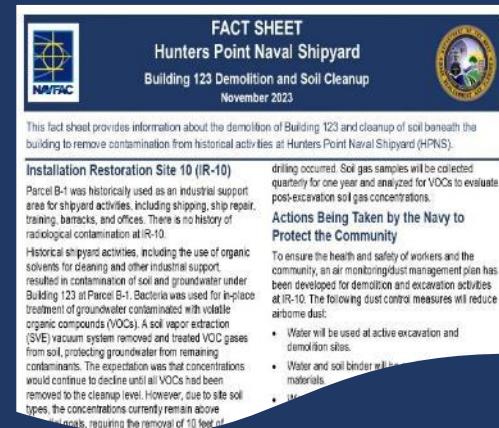
- Document posts on Navy website
- Monthly Timely Topics posts
- Electronic newsletters & emails



Scan for HPNS website

- **Written Materials**

- Informational fact sheets & program updates
- HPNS cleanup program documents



Informational fact sheet

- **Presentations**

- Bi-monthly HPS CAC E&R Subcommittee meetings
- HPS Shipyard Artist meetings & discussions
- Quarterly SF Shipyard HOA meetings (former Parcel A)



Navy presents at HPS CAC meeting

Community Involvement Opportunities (cont'd)

- **Site Tours**
 - Guided bus tours
 - Public photo tours
- **Booths at Local Events**
 - HPS Artist Open Studios
 - Visitacion Valley Festival
 - Southeast Health
 - Youth Climate & Environmental Justice Summit



Subject matter expert gives demonstration during guided bus tour



Community member frames image of ship on photo tour



Michael Pound shares cleanup information during photo tour

Additional HPNS Community Resources

- **Community Radiological Technical Advisor**
 - Available in person, by email & telephone
- **Public Notices & Public Comment Periods**
- **Official Administrative Record**
 - Link on HPNS website home page
- **HPNS Information Repository**
 - Currently located at San Francisco Library (Main Branch)
 - Converting to electronic-only via Administrative Record link



Technical Advisor Available to Community



Scan to search HPNS Administrative Record

Next Navy Presentation

The Navy will present an update on the ongoing environmental cleanup at HPNS to the

HPS CAC E&R Subcommittee

on

Monday, March 25, 2024*

*date/time pending final HPS CAC schedule

SAVE THE DATE!

March '24						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30



Resources for More Information

HPNS Program Management



Michael Pound
(619) 524-6026
michael.j.pound.civ@us.navy.mil

Navy BRAC PMO West
33000 Nixie Way, Bldg 50, Suite 207
San Diego, CA 92147
www.bracpmo.navy.mil/hpns

Regulatory Agencies

Andrew Bain, US Environmental Protection Agency
bain.andrew@epa.gov

Michael Howley, CA Dept. of Toxic Substances Control
michael.howley@dtsc.ca.gov

Mary Snow, San Francisco Reg'l Water Quality Control Board
mary.snow@waterboards.ca.gov

Other Resources



Community Technical Advisor
Dr. Kathryn Higley
(541) 737-7036
kathryn.higley@oregonstate.edu
www.ne.oregonstate.edu

HPNS Information Repository
San Francisco Public Library (Main Branch)
100 Larkin Street, 5th Floor, Gov't Information Center

Visit www.bracpmo.navy.mil/HPNS to link to the online HPNS Administrative Record (on the home page and documents page)

HPNS Community Outreach

Send an email or leave a message

- For program information
- To join the HPNS Mailing List
- To request language assistance



info@sfpnhs.com



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