



# Hunters Point Naval Shipyard Environmental Program Update

**Hunters Point Shipyard Citizens Advisory Committee  
Environmental & Reuse Subcommittee Meeting**

May 20, 2024

Michael Pound – BRAC Environmental Coordinator  
Daniel Dutra, Brandon Mills, Wilson Doctor – Remedial Project Managers

# Agenda

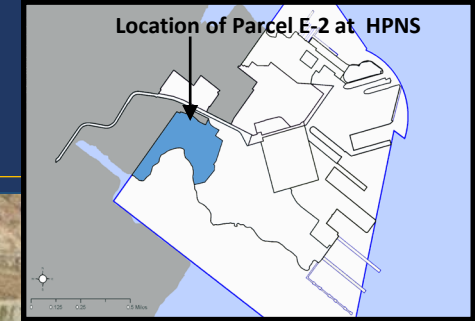
## Topic

- Introductions
- Ongoing Activities – Updates
  - Landfill Gas Monitoring and Management
  - Radiological Retesting
    - Radiological Object Reports
    - Strontium-90 Verification Study Timeline
  - Upcoming Opportunities for Local Businesses
- Five Year Review and Climate Resilience Assessment: Overview of Public Comments Received
- Parcel B Building 123 Demolition and Progress Update
- Next Navy HPS CAC E&R Meeting
- Contacts
- Questions

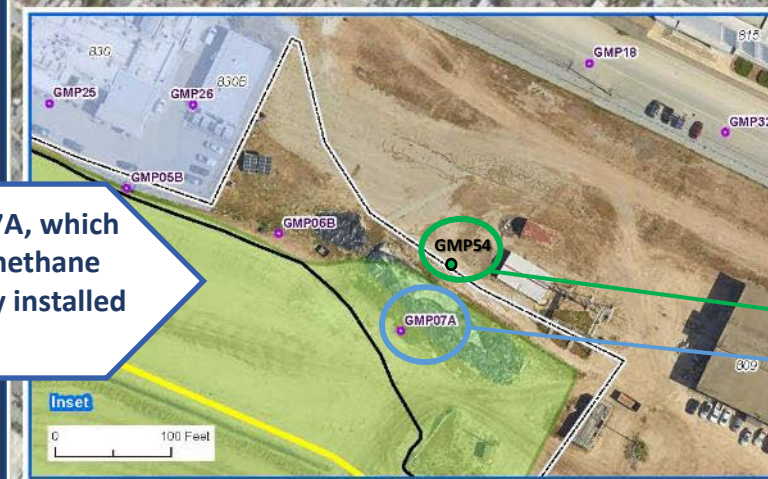
# Parcel E-2 Landfill Gas Monitoring and Management

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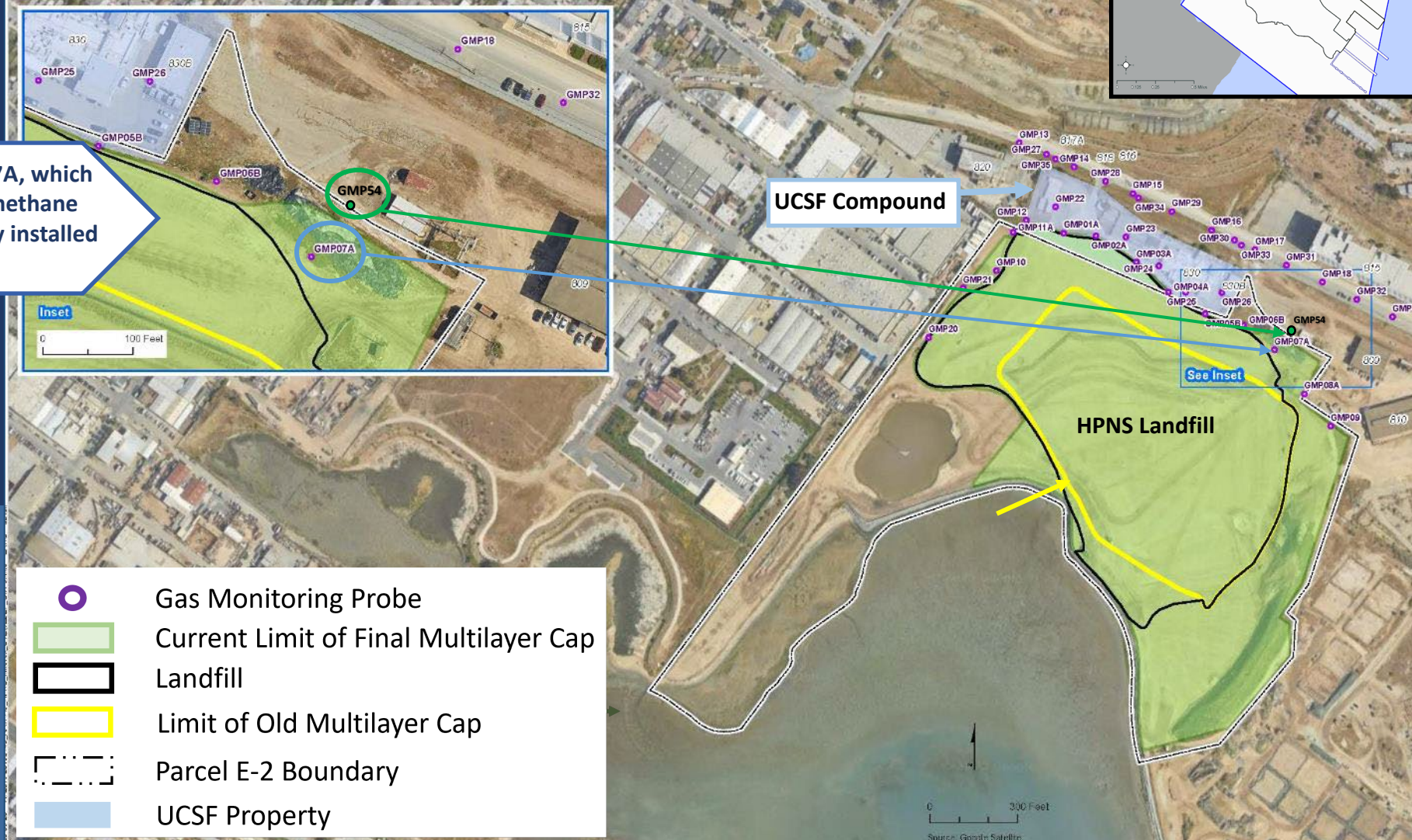
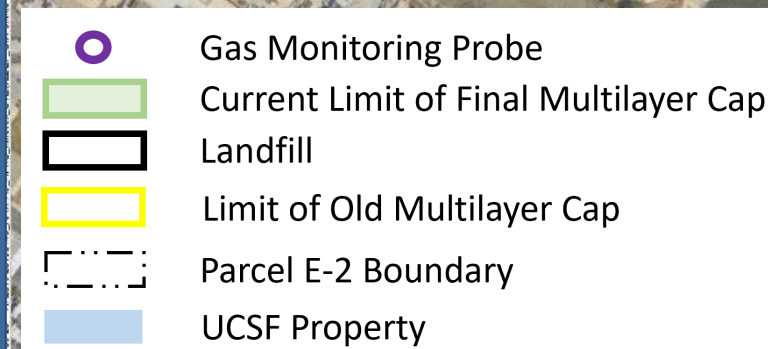
# Elevated Landfill Gas Reading



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

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## Overview of Navy Response Actions

- January 2023: Elevated landfill gas reading at GMP07A
  - Notifications made per work plan protocol
  - Levels monitored for public health and safety
- February 2024: New extraction well installed near GMP07A
- March 2024: New GMP54 installed at new (extended) landfill perimeter

## Ongoing Activities

- Landfill gas monitoring continues at GMP07A and GMP54
- Collaboration ongoing with regulatory agencies for future changes to monitoring network



# New Landfill Gas System

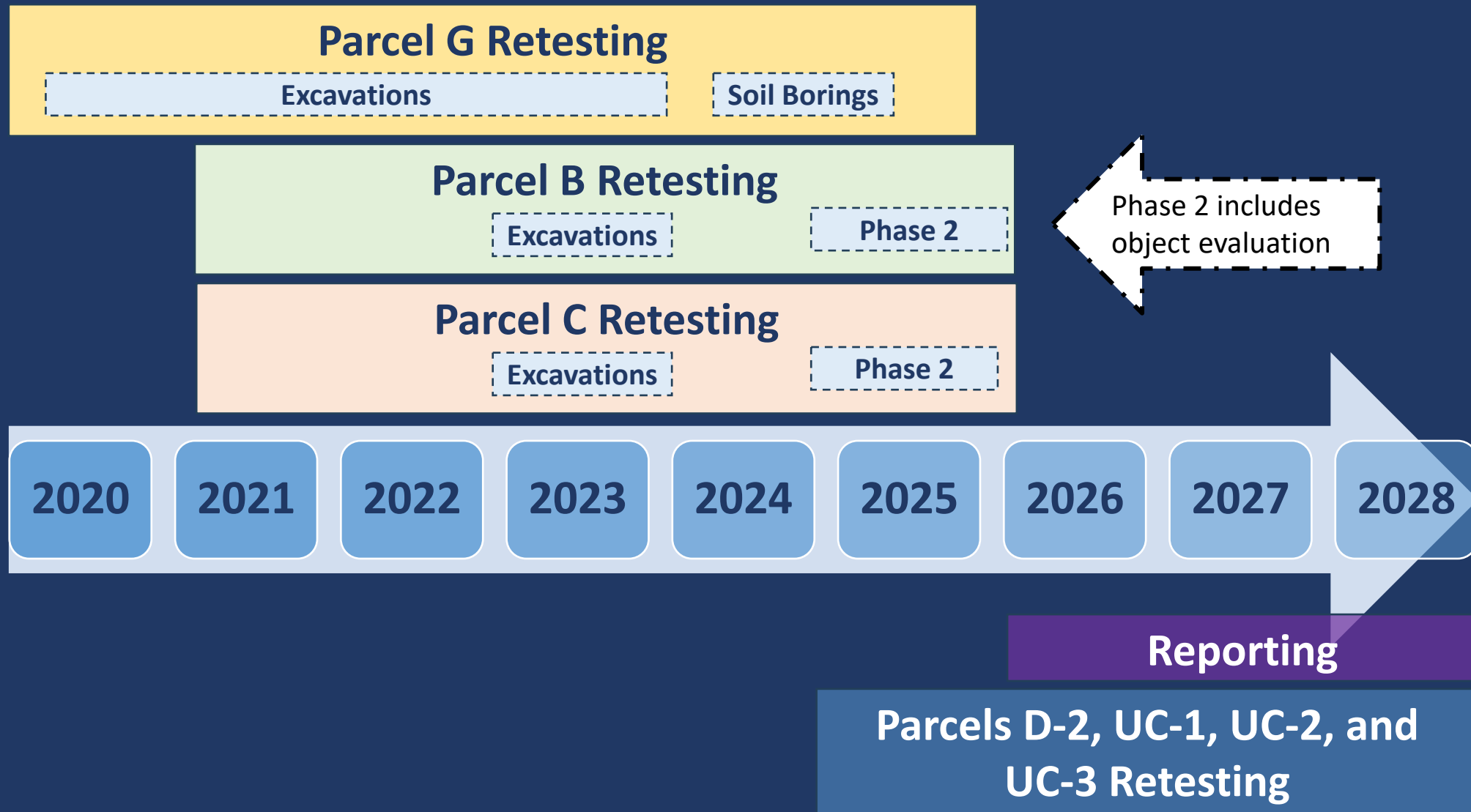
Navy has installed a mobile solar powered landfill gas extraction system at Parcel E-2 to extract methane more efficiently.



# Radiological Retesting Schedule and Radiological Objects

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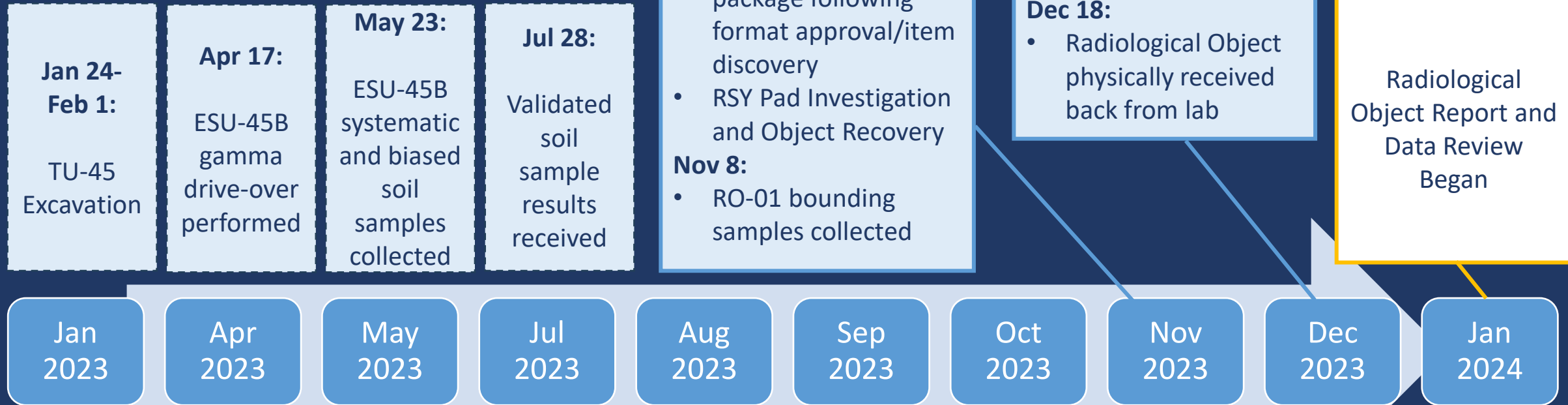
# Radiological Retesting Update





# Radiological Object Report: Parcel B

## Object identified as radium-226



# Radiological Object Report: Parcel C

Object identified as radium-226

**Apr 12 – May 9:**

TU-315 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 Began

Apr 2023

May 2023

Aug 2023

Sep 2023

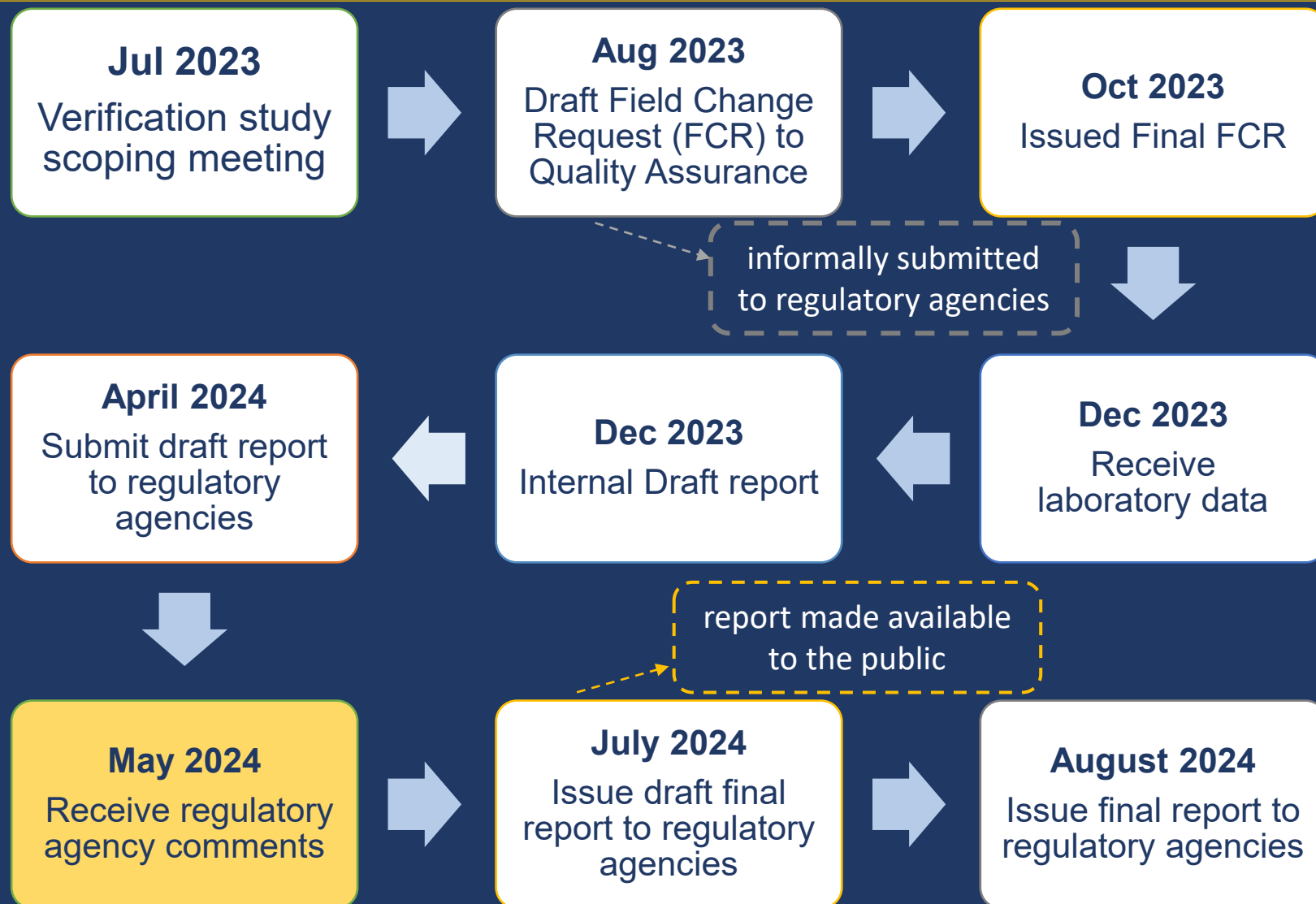
Oct 2023

Dec 2023

Jan 2024

Timeline date: March 25, 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 sample analysis to a more accurate method.

# Upcoming Opportunities for Local Businesses

## Parcel G and General Building Demolition

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# Upcoming Building Demolition Contracts

## April 2024

- Industry Day held April 24, 2024
- ~190 people attended from over 135 businesses
- Provided opportunities for networking and business development

## May 2024

- Site walk with existing Parcel G prime contractors
- Development of criteria for local small business hiring in upcoming building demolition awards

## Late 2024

- Parcel G contracts awarded
- General building demolition request for proposals requested

## 2025

- Demolition on Parcel G buildings begins
- General building demolition contracts awarded

# Five Year Review and Climate Resilience Assessment Overview of Public Comments Received

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# Fifth Five Year Review (FYR)

## Components of the FYR

1. Document review
2. Data review and analysis
3. Community notification
4. Site inspection
5. Site specialist interviews
6. Assessment of protectiveness; identify necessary changes

**Fall 2022**

Contract awarded and planning for FYR began

**January / February 2023**

Document review; data review and analysis began  
Public Notice announced start of FYR process  
Site inspections conducted

**April 30, 2024**

Regulatory Agency comments submitted  
on Draft FYR Report

**February 7 – May 7, 2024**

Draft FYR Report available  
for public review and comment

**July 31, 2024**

Final FYR Report

# Summary of Most Frequent Public Comments Received on the Draft Five Year Review

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- National Contingency Plan (NCP) requires informing the community of when the 5YR process begins and when it was completed.
  - The Navy went above and beyond the regulatory requirements outlined in the NCP
- Document was available for public comment
  - February 7, 2024 – May 7, 2024
- Comments received from:
  - All Things Bayview
  - Save the Bay
  - Committee to Bridge the Gap
  - Gray Panthers of San Francisco
  - Surfrider Foundation
  - Over thirty independent commentators with no community group affiliation
- Similar public comments will be grouped together for Navy response



# Summary of Most Frequent Public Comments Received on the Draft Five Year Review

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- Most frequent comments received are about:
  - Cross-Parcel Contamination and Groundwater Monitoring
  - Radiological Safety
  - Community Engagement
  - 100% Cleanup / No Capping
  - Expansion of Climate Resilience
- Navy preparing responses to comments
  - Review of community comments underway
  - Summary of responses planned at next CAC meeting (June 24, 2024)

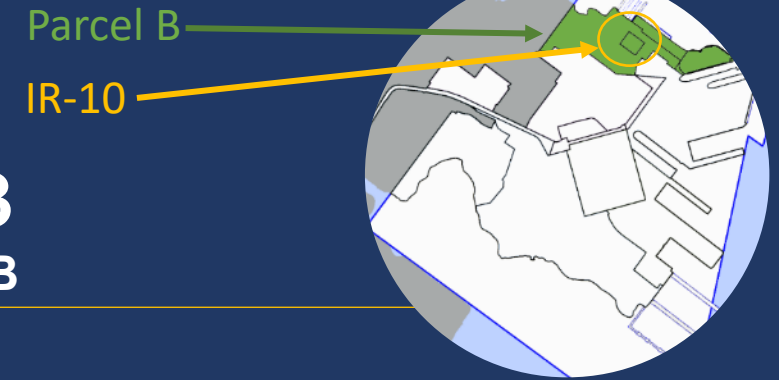
# Parcel B Building 123

## Building Demolition and Soil Remedy

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

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



**March - May 2024**  
Building Demolition



**May - Aug 2024**  
Characterize Soil  
Excavate / Monitor  
for VOC's



**Aug 2024**  
Backfill clean imported soil



**Sep 2024 – July 2025**  
Installation of durable  
cover, quarterly soil gas  
monitoring

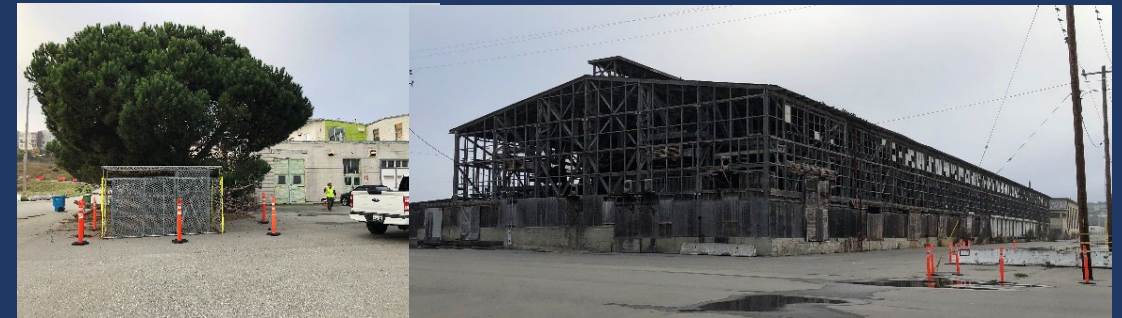
Schedule Date: March 2024

**Preparatory Fieldwork** Began Feb 5, 2024  
**Building Demolition** Complete May 2024

# Air Monitoring During Building 123 Demolition

## Air Monitoring

- Three real-time air monitoring stations have been mobilized to the site:
  - Near Building 115/116 (upwind)
  - Near Building 125 (downwind)
  - Near Building 134 (downwind)
- Air samples monitored for:
  - Asbestos (3<sup>rd</sup> party per BAAQMD requirements)
  - lead
  - manganese
  - particulate matter smaller than 10 microns in diameter (PM<sub>10</sub>)
  - total suspended particulates



Air Monitoring Stations at B116 and Building 123



# Air Monitoring & Debris Management



Gathering readings from  
high volume air monitor



High Volume Air Samplers



Asbestos monitoring



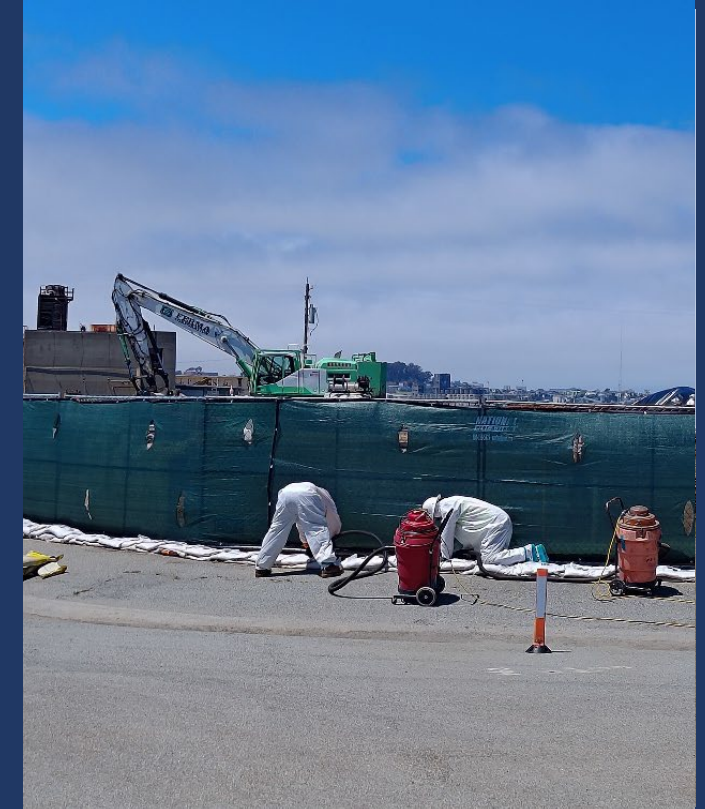
# Dust and Stormwater Management



Trucks passed through radiological screening portal when exiting site



Stormwater best practices were employed



Cleaning and vacuuming of Building 123 site perimeter

# Community Safety & Engagement



On April 24, 2024, Young Community Developers (YCD) graduates visited Building 123 and received a project overview from the project team

## Extensive community outreach conducted

- Meetings and site visits with Shipyard Artists
- Presentations to HPS CAC
- Fact sheets and postings

## Site practices to ensure site and community safety:

- Traffic route 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



# Final Building Demolition





# Final Building Demolition



Before Demolition



After Demolition

# IR Site 10: Next Steps



Building 123 Demolition  
(complete)



Sampling to Determine Extent of  
Soil Contamination  
(Begins June 2024)



Excavation/Confirmation Sampling



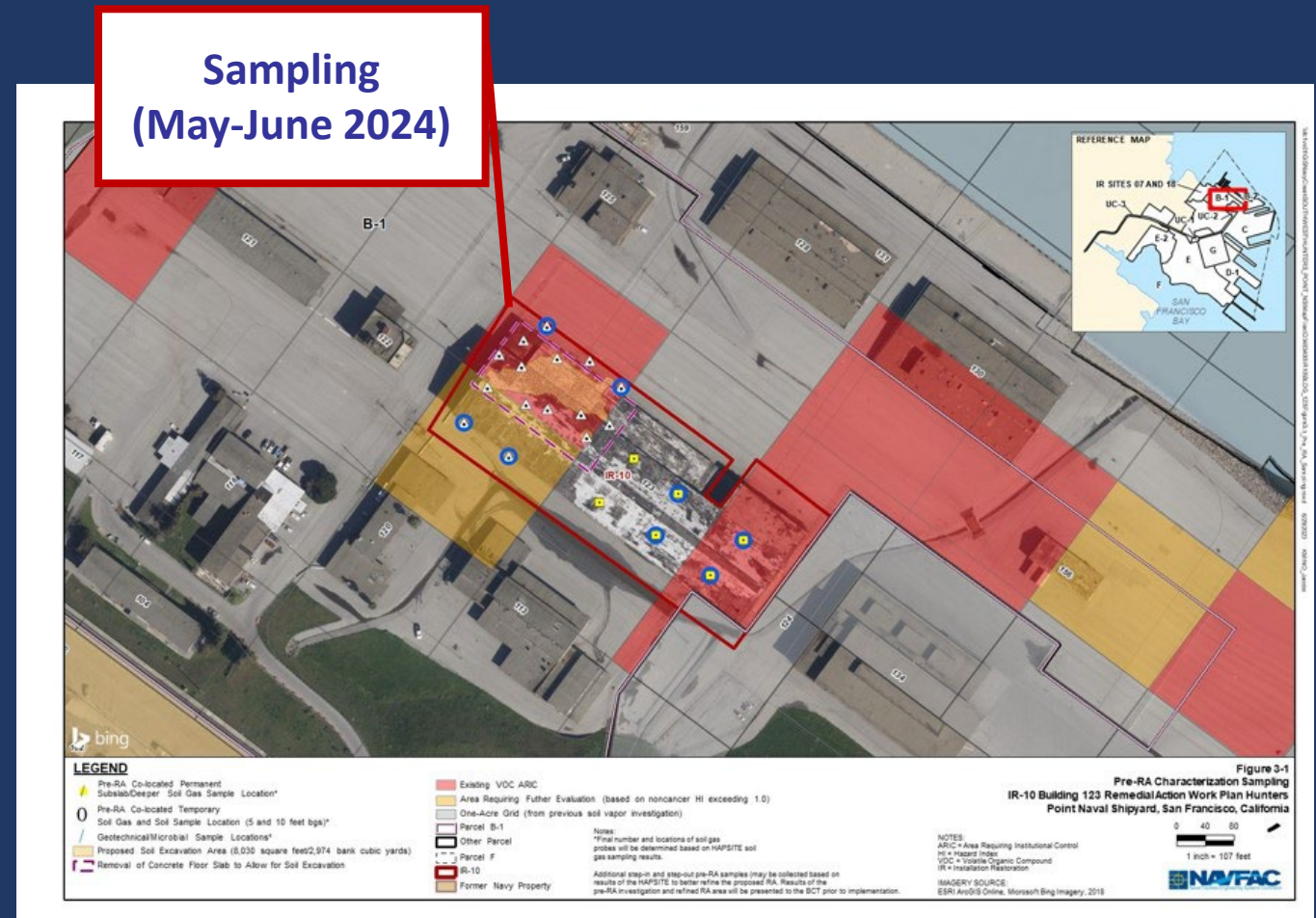
Backfill/Site Restoration



Post-Remedial Action Soil Gas Survey



Four Quarters Soil Gas Sampling



# Next Navy Presentation to HPSCAC E&R Subcommittee

**SAVE THE DATE!**

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

**HPSCAC E&R Subcommittee**

on

**Monday, June 24, 2024**

June '24						
S	M	T	W	T	F	S
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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](mailto: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](http://www.bracpmo.navy.mil/hpns)

## Regulatory Agencies

**Andrew Bain**, US Environmental Protection Agency  
[bain.andrew@epa.gov](mailto:bain.andrew@epa.gov)

**Michael Howley**, CA Dept. of Toxic Substances Control  
[michael.howley@dtsc.ca.gov](mailto:michael.howley@dtsc.ca.gov)

**Mary Snow**, San Francisco Reg'l Water Quality Control Board  
[mary.snow@waterboards.ca.gov](mailto:mary.snow@waterboards.ca.gov)

## Other Resources



**Community Technical Advisor**  
**Dr. Kathryn Higley**  
(541) 737-7036  
[kathryn.higley@oregonstate.edu](mailto:kathryn.higley@oregonstate.edu)  
[www.ne.oregonstate.edu](http://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](http://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@sfhpn.com](mailto:info@sfhpn.com)



(415) 295-4742