



NAVFAC
Naval Facilities Engineering Systems Command

Hunters Point Naval Shipyard Environmental Program Update

Hunters Point Shipyard Citizens Advisory Committee
Environmental & Reuse Subcommittee Meeting

May 20, 2024

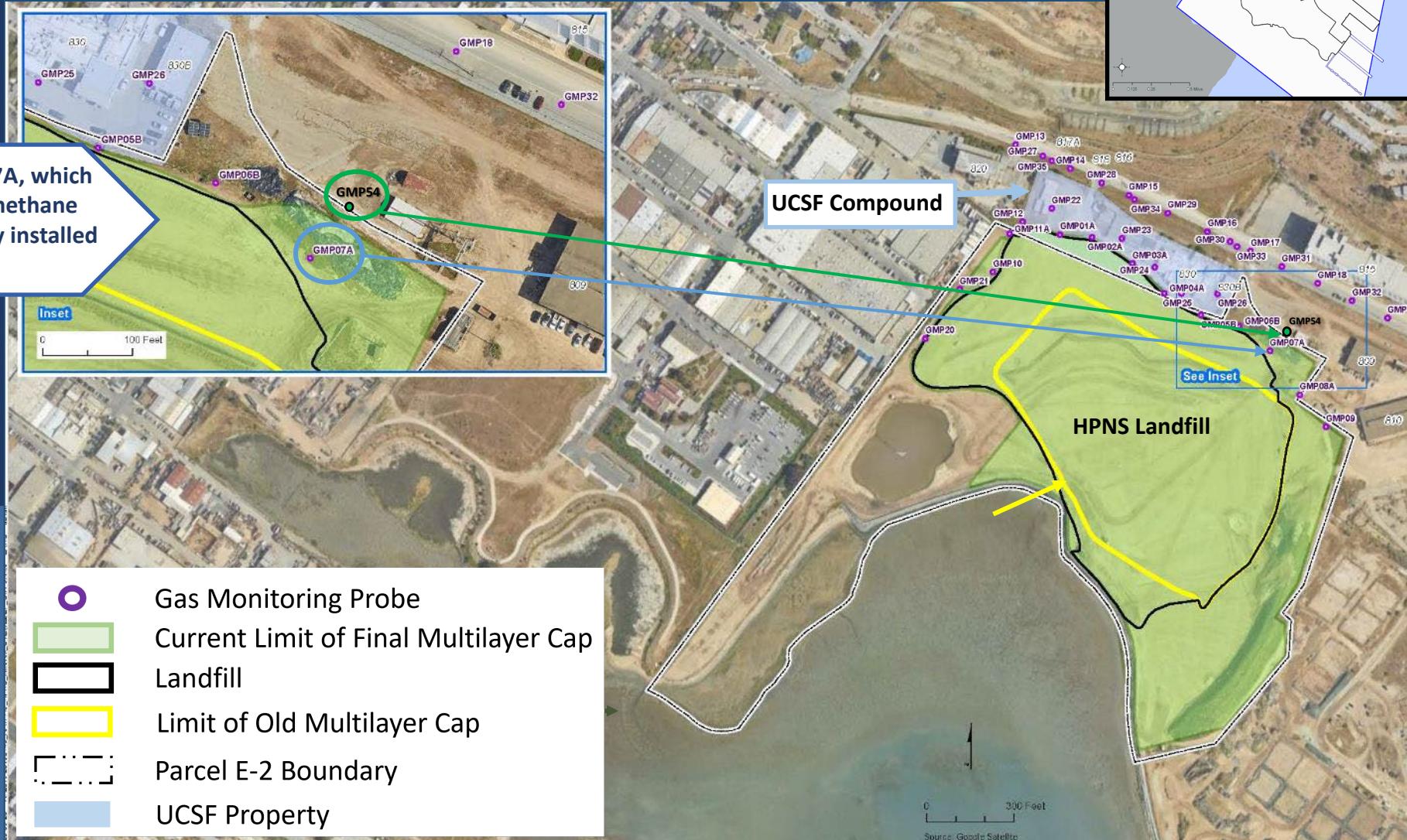
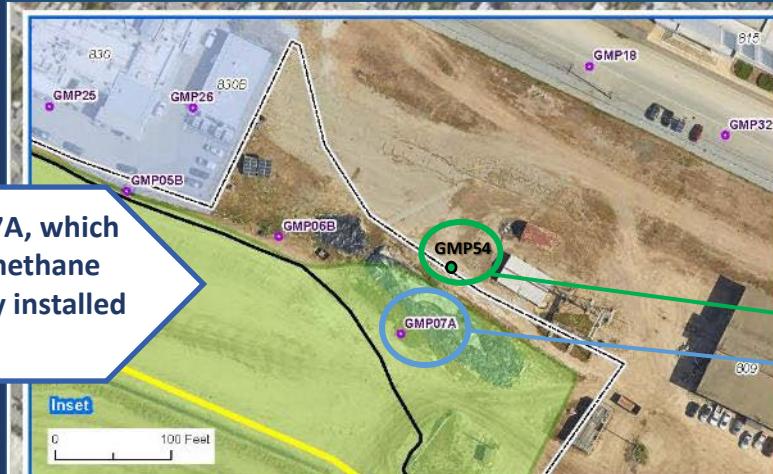
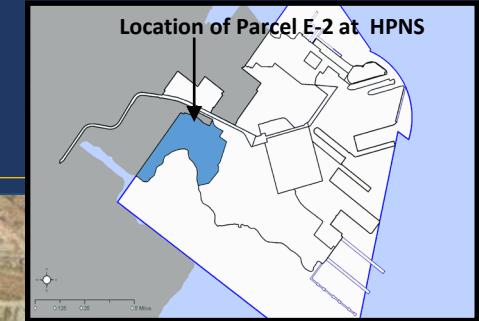
Michael Pound – BRAC Environmental Coordinator
Daniel Dutra, Brandon Mills, Wilson Doctor – Remedial Project Managers

Agenda

Topic
<ul style="list-style-type: none">• Introductions
<ul style="list-style-type: none">• Ongoing Activities – Updates<ul style="list-style-type: none">• Landfill Gas Monitoring and Management• Radiological Retesting<ul style="list-style-type: none">• Radiological Object Reports• Strontium-90 Verification Study Timeline• Upcoming Opportunities for Local Businesses
<ul style="list-style-type: none">• Five Year Review and Climate Resilience Assessment: Overview of Public Comments Received
<ul style="list-style-type: none">• Parcel B Building 123 Demolition and Progress Update
<ul style="list-style-type: none">• Next Navy HPS CAC E&R Meeting
<ul style="list-style-type: none">• Contacts
<ul style="list-style-type: none">• Questions

Parcel E-2 Landfill Gas Monitoring and Management

Elevated Landfill Gas Reading



Elevated Landfill Gas Reading

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

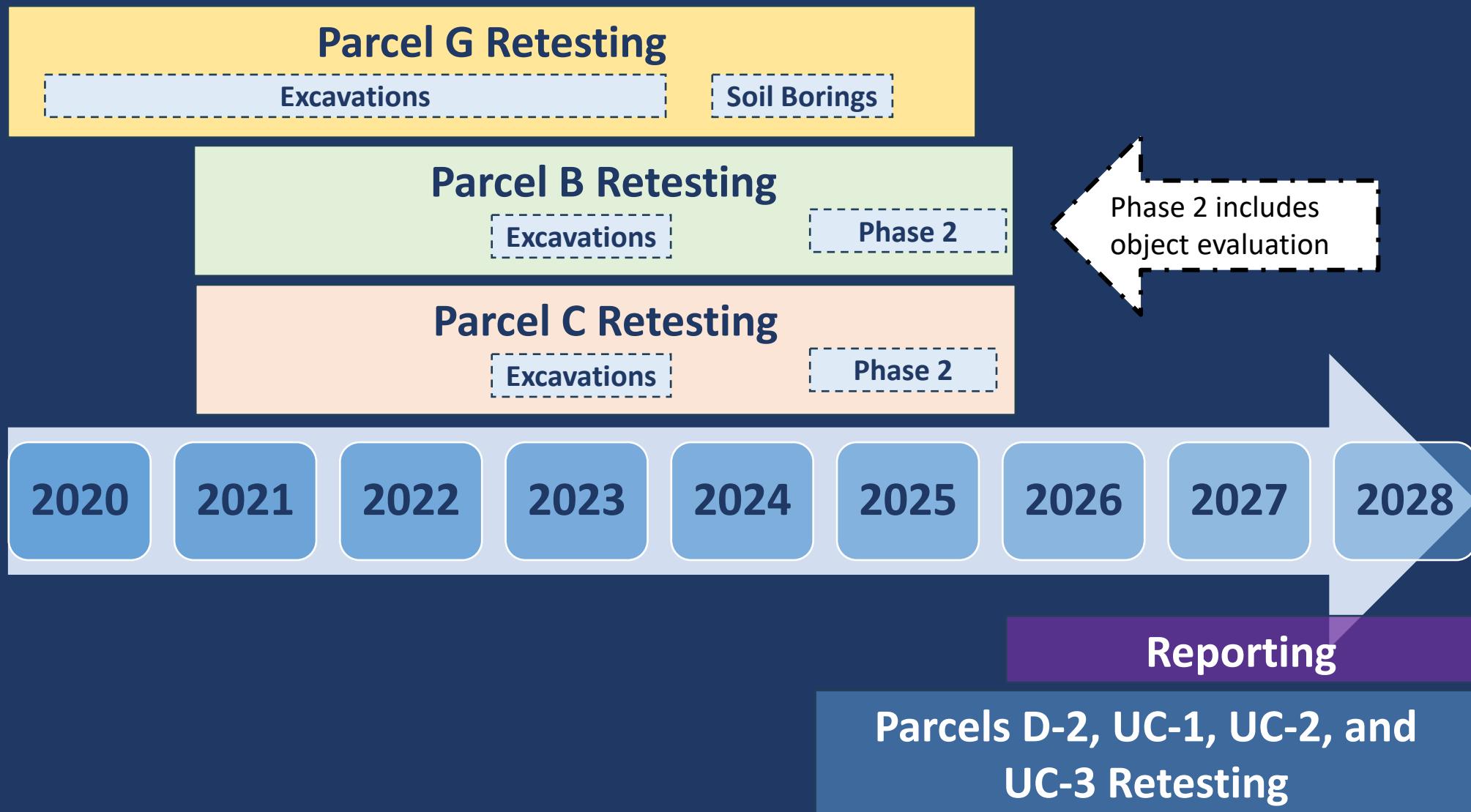
New Landfill Gas System

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



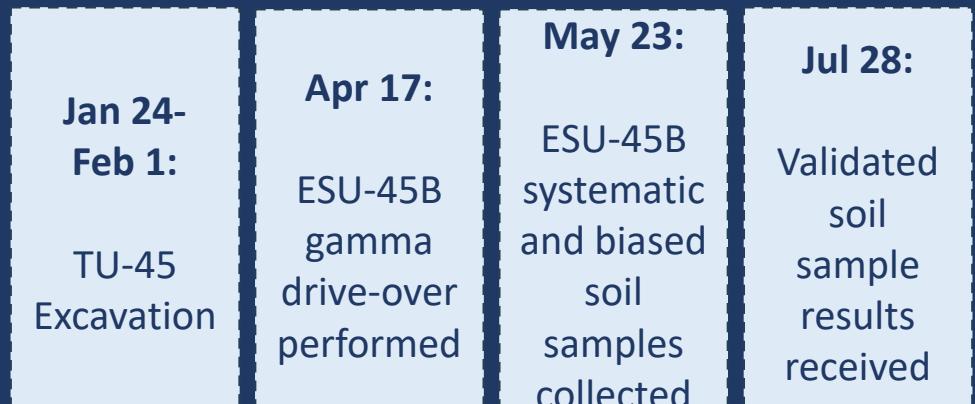
Radiological Retesting Schedule and Radiological Objects

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
Began

Timeline date: March 25, 2024

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

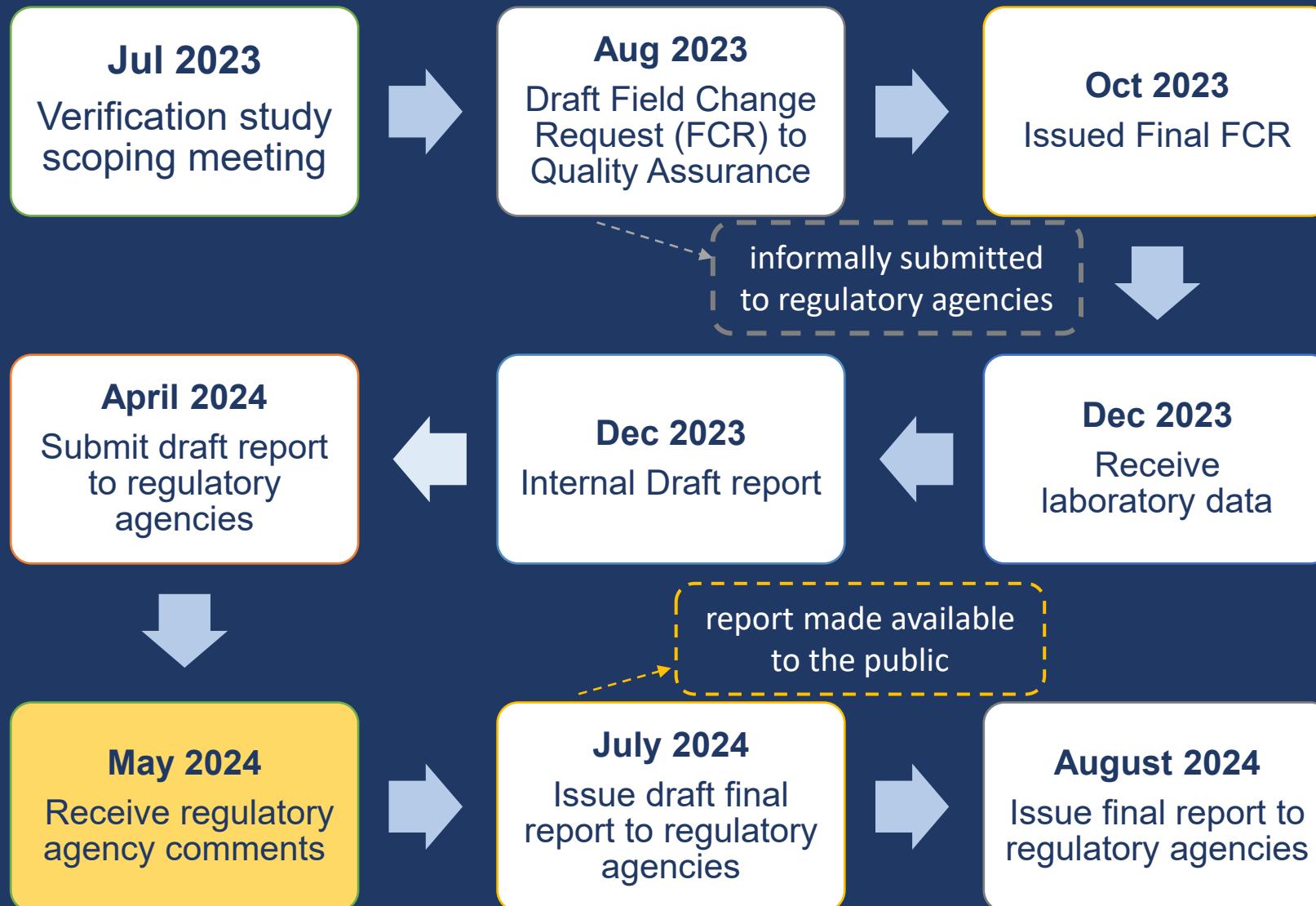
Oct 2023

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

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

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

- 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 commentors 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

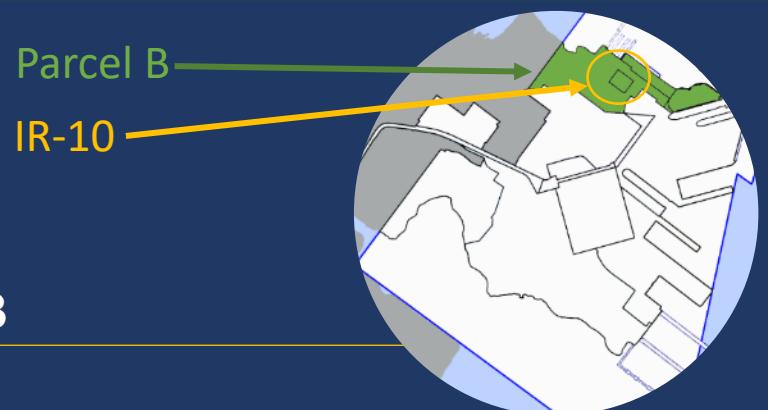
- Most frequent comments received are about:
 - Cross-Parcel Contamination and Groundwater Monitoring
 - Radiological Safety
 - Community Engagement
 - 100% Cleanup / No Capping
 - Expansion of Climate Resilience
- Navy preparing responses to comments
 - Review of community comments underway
 - Summary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

Parcel B Building 123

Building Demolition and Soil Remedy

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

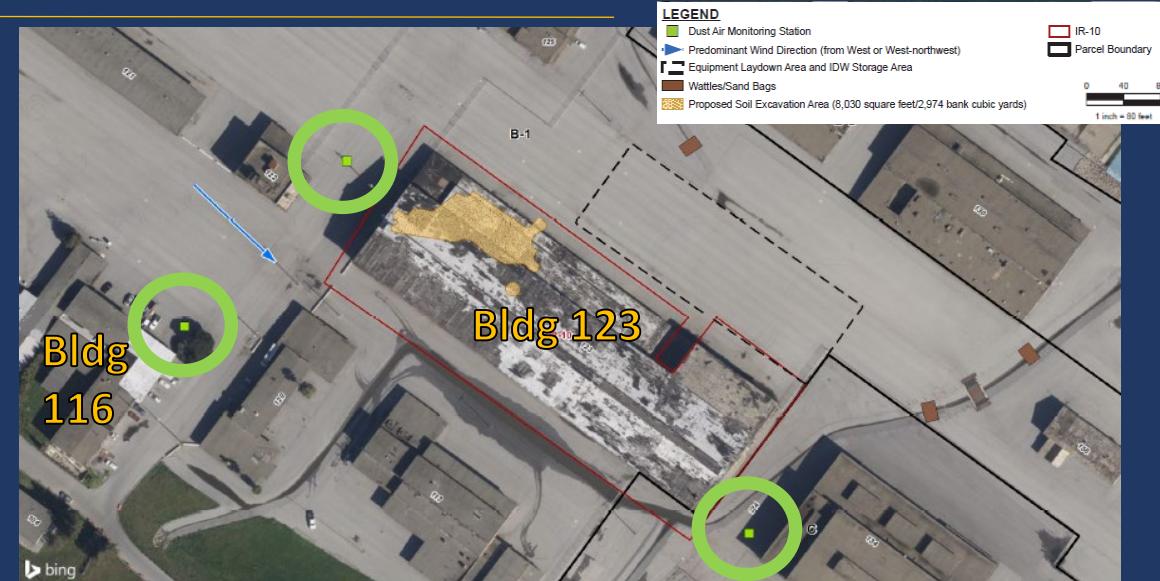
Preparatory Fieldwork Began Feb 5, 2024
Building Demolition Complete May 2024

Schedule Date: March 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 (3rd party per BAAQMD requirements)
 - lead
 - manganese
 - particulate matter smaller than 10 microns in diameter (PM₁₀)
 - 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

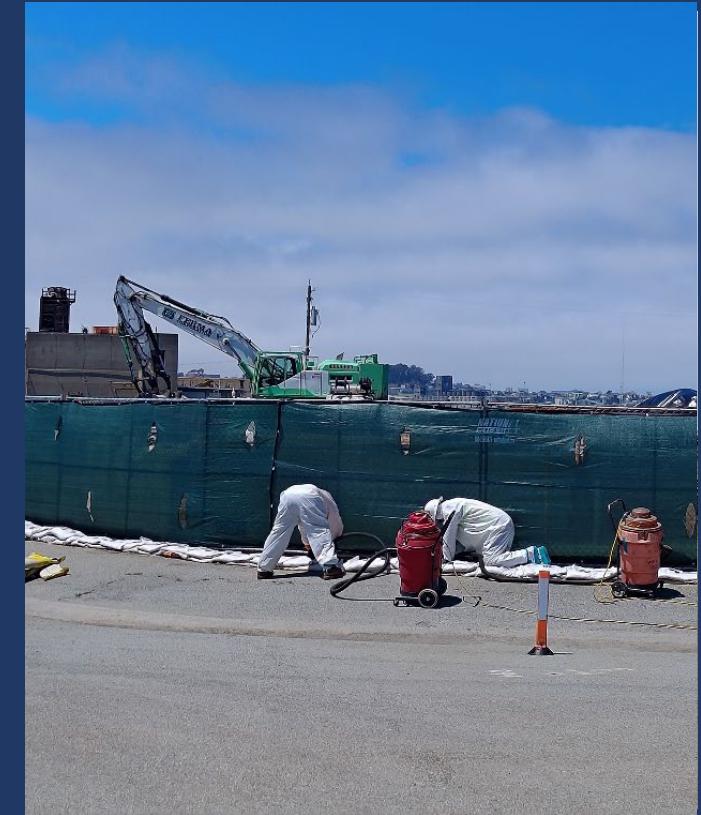
Dust and Stormwater Management



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



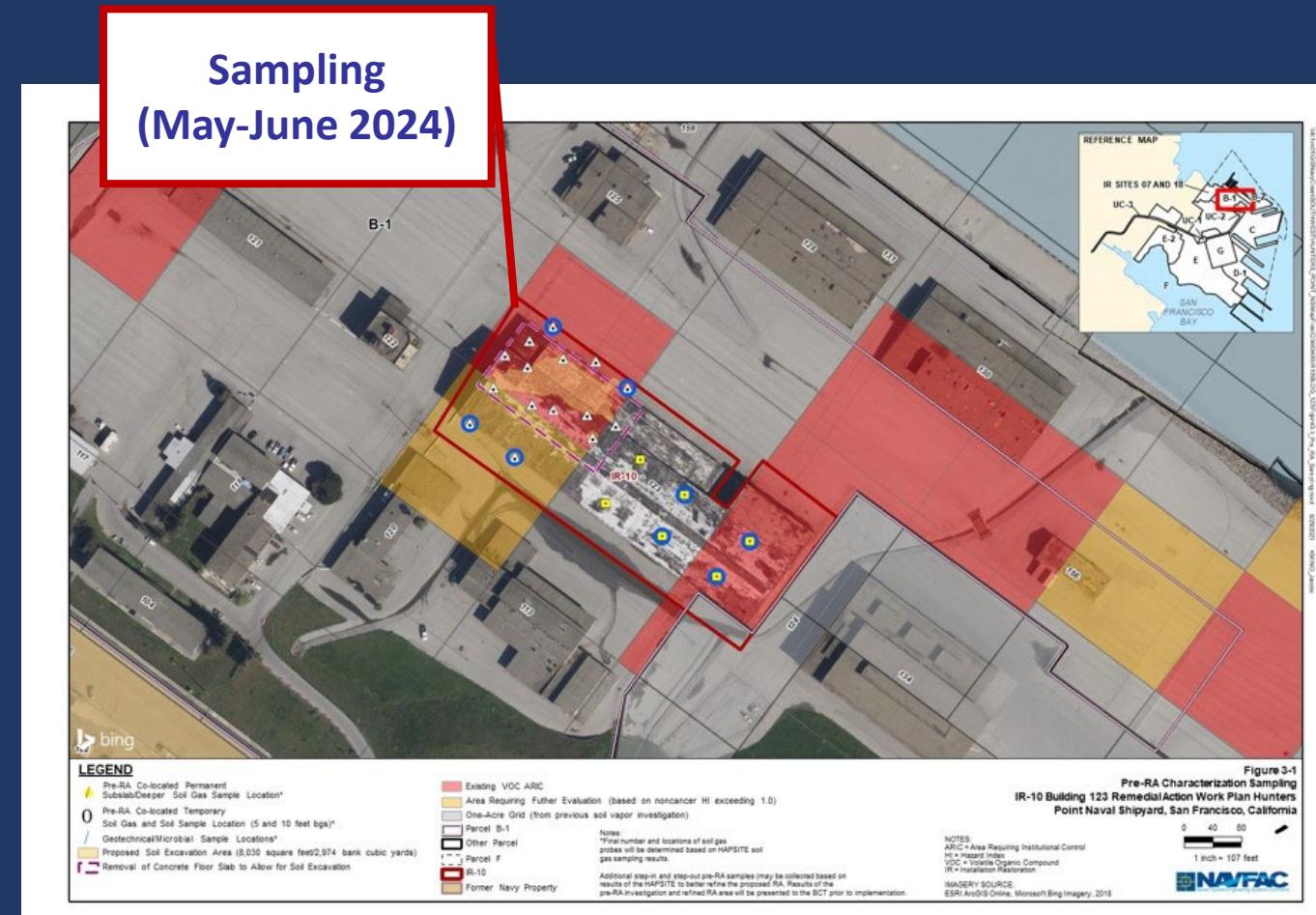
Backfill/Site Restoration



Post-Remedial Action Soil Gas Survey



Four Quarters Soil Gas Sampling



Next Navy Presentation to HPSCAC E&R Subcommittee

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

HPSCAC E&R Subcommittee

on

Monday, June 24, 2024

SAVE THE DATE!

June '24						
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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

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

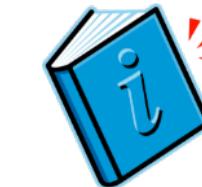
Regulatory Agencies

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@sfpns.com



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