



Hunters Point Naval Shipyard Environmental Cleanup Program Update

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

September 21, 2026

Michael Pound – BRAC Environmental Coordinator
Megan Kranz – HPNS Parcels B & F Remedial Project Manager

Announcements

US Air Force Band Concert During San Francisco Fleet Week



NEIGHBORHOOD CONCERT SERIES

US AIR FORCE
BAND OF THE GOLDEN WEST
GOLDEN WEST BRASS

FREE • PUBLIC CONCERT



DAY • DATE • TIME

SATURDAY, OCT 10, 2026

1:00 PM - 2:00 PM

INDIA BASIN WATERFRONT PARK

900 Innes Ave.

BAYVIEW • SAN FRANCISCO



SCAN FOR DETAILS

Full schedule, directions and updates

SAVE THE DATE

Thursday, February 18, 2027

HPNS Industry Day

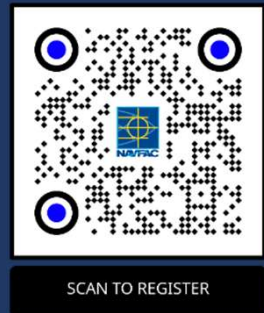
South San Francisco Conference Center

BENEFITS OF ATTENDING INDUSTRY DAY

- **Learn about** upcoming subcontracting opportunities
- **Network with** prime contractors
- **Get** information on how to do business with the federal government

REGISTER TO LEARN MORE

Scan the QR code or go to
<https://HPNS-IndustryDay-2027@eventbrite.com>



SCAN TO REGISTER

FOR MORE INFORMATION

HPNS-IndustryDay@sfhpn.com
415-295-4742

Agenda

Topic

- **Introductions**
- **Updates**
 - Parcel E Building 400A
 - Parcel E-2 Repairs
 - Installation Restoration Site 26: Groundwater Treatment
 - Plutonium-239 Recap
 - Data Validation
- **Ongoing and Upcoming Fieldwork**
 - Parcel G Building Demolition Fieldwork Progress
 - Parcel F Upcoming Fieldwork
 - Parcel C Shoreline Repair
- **Progress Towards Meeting Parcel Milestones**
- **Upcoming Navy Outreach Events and Presentations**
- **Navy and Regulatory Agency Contacts**
- **Questions**

Updates

- **Parcel E Building 400A**
- **Parcel E-2 Repair**
- **Installation Restoration Site 26: Groundwater Treatment**
- **Plutonium-239 Recap**
- **Data Validation**

Parcel E Building 400A

Completion Status and Oversight

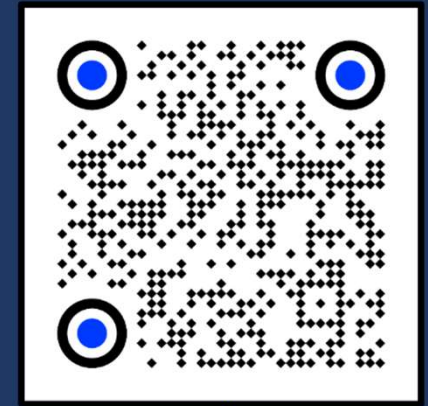


Scan to download recent Navy presentations with Building 400A updates to the HPSCAC:

- June 15, 2026
- July 27, 2026

Building 400A Recap

CATEGORY	SUMMARY
Date Identified	April 7, 2026
What Happened	Radiological and chemical materials identified inside a secured building under contractor control
Notifications Issued	Regulatory agencies and City representatives notified
Health or Environmental Concern	No health or environmental concern identified
Regulatory Oversight	Regulatory agencies have been conducting site visits



Scan the QR Code
to read the Navy's
Timely Topic
(May 14, 2026)

HPNS Building 400A: Current Status

Building Interior Work Complete

- All equipment, materials, and contents removed
- Interior radiological survey completed; no contamination identified
- Radiological postings and access controls removed



Building 400A interior following completion of removal and radiological survey activities

Following NRC concurrence and completion of the remaining closeout activities, Building 400A will return to full Navy control.

Building 400A: RSI's Path to Completion



Materials Removed

- Disposed of radiological sources and chemicals
- Relocated remaining radiological items to RSI radiological control area (RCA)
- Removed drums from building; conducted initial characterization

Complete



Building Status

- Completed radiological survey of interior; no contamination identified
- Emptied building completely
- Removed all radiological postings and access controls

Complete



Reporting

- Complete Summary Report; Navy to post on website
- Receive concurrence letter from NRC to remove Building 400A's temporary job site designation

Underway



Final Steps

- Dispose of remaining radiological items
- Conduct final characterization of drums
- Dispose of drums
- Return building to Navy control

Upcoming



9/21/2026

HPSCAC E&R Subcommittee Meeting

10

HPNS Building 400A: Navy Oversight and Investigations

Building Checks

Navy completed assessment of buildings used by contractors

No issues identified

Quarterly Inspections

Navy has initiated quarterly inspections of buildings used by contractors

Ongoing Investigations

Naval Criminal Investigative Service (NCIS)

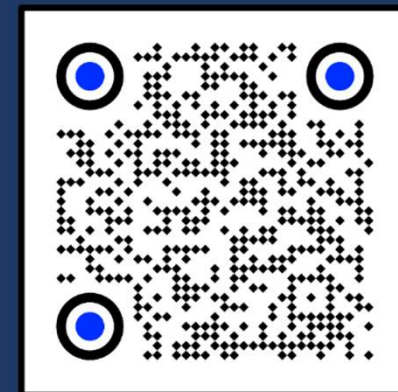
U.S. EPA's Criminal Investigation Division

Parcel E-2 Repairs



Scan to download recent Navy presentations with Parcel E-2 Grass Fire updates to the HPSCAC:

- July 27, 2026



Scan the QR Code
to read the Navy's
Timely Topic
(July 27, 2026)

Parcel E-2 Grass Fire Response

July 23, 2026



An off-site fire spread onto Parcel E-2.
The fire department and a contractor water truck responded

July 24 and 27, 2026



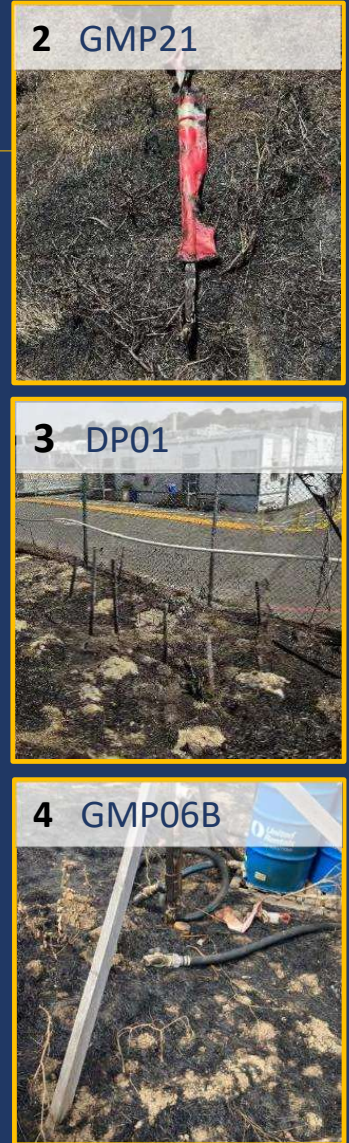
Parcel E-2 area and equipment were inspected. Aboveground gas-system piping and monitoring equipment



No buildings were impacted.
Landfill gas readings taken before and after the fire were below site and regulatory action levels



NAVFAC
Naval Facilities Engineering Systems Command

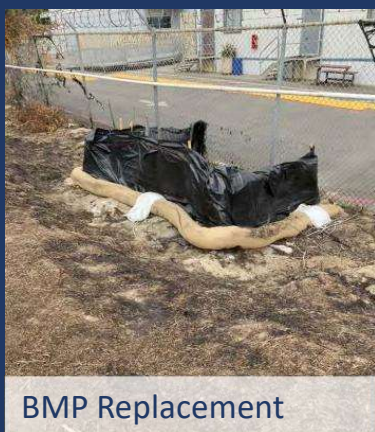


Parcel E-2 Repairs and Follow-up



Completed: August 5, 2026

Replaced stormwater best management practices (BMP)



BMP Replacement



Completed: August 21, 2026

Repaired Gas Piping
Repaired active monitoring points



Installation of New Gas Piping



Active Monitoring Point Repairs



Follow-up

Inspect groundwater wells
Repair inactive monitoring points



Installation of New Mesh Fencing Around UCSF

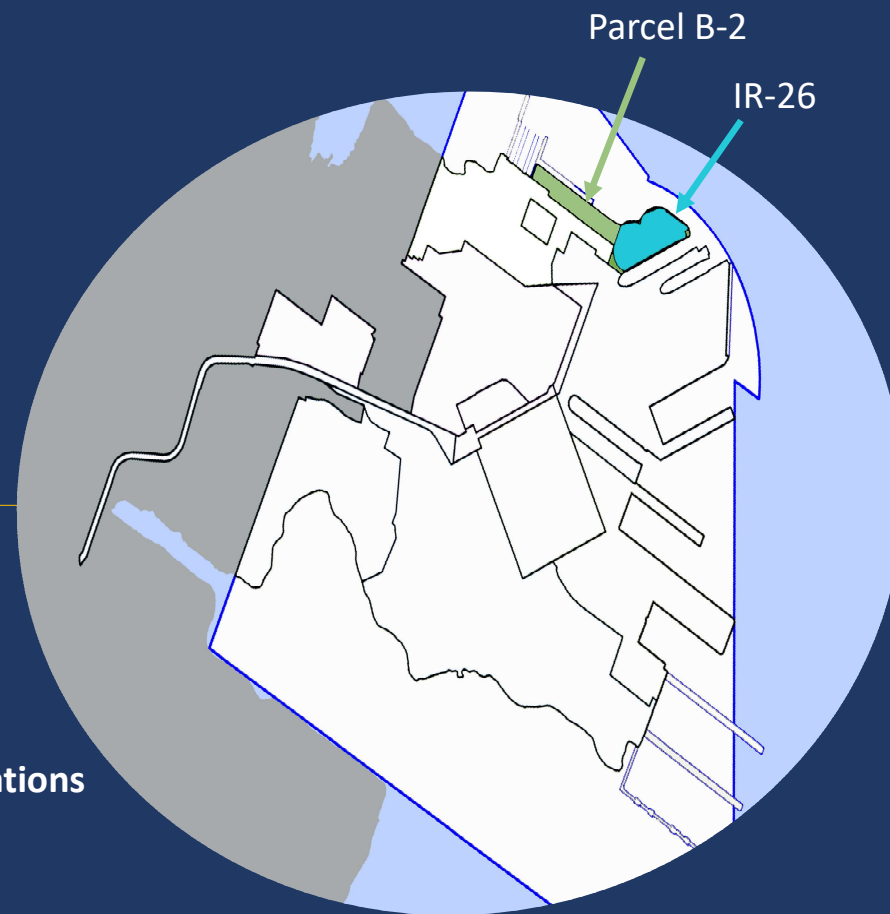
Parcel B Installation Restoration Site 26 (IR-26)

Groundwater Treatment



Scan to download recent Navy presentations
with IR-26 updates to the HPSCAC:

- April 26, 2026
- June 15, 2026

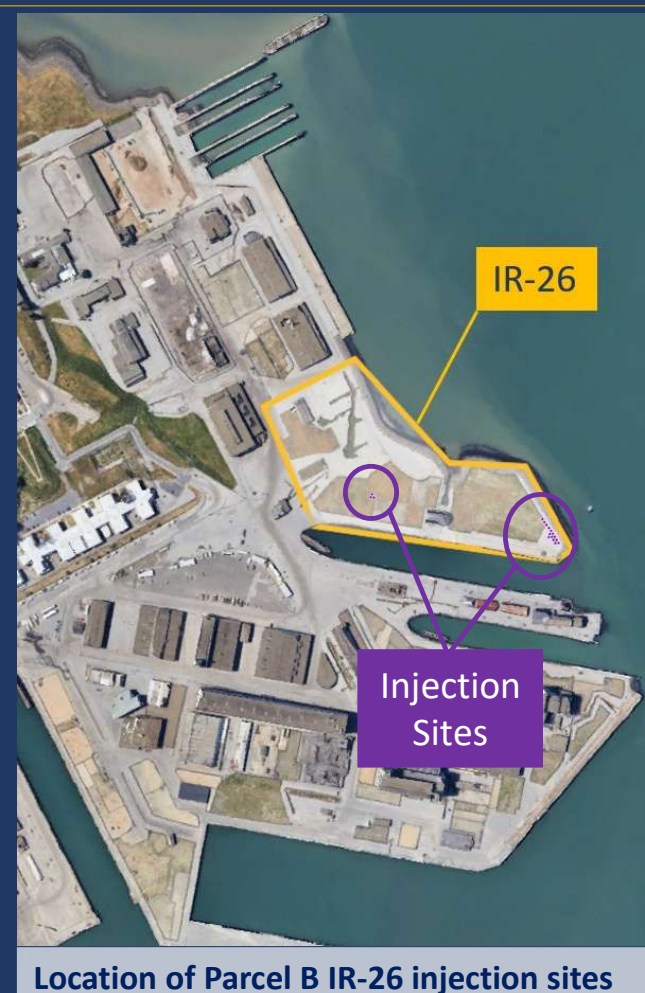


Parcel B IR-26: Groundwater Treatment Update

Final planned injections completed

- This summer's treatment targeted remaining pockets of mercury in groundwater
- *Metafix* stabilizes mercury underground, resulting in an insoluble solid, removing it from groundwater
- The next step is to collect groundwater samples to see how well the treatment worked

Scan the QR Code
to read the Navy's
Timely Topic
(July 20, 2026)



Location of Parcel B IR-26 injection sites

Parcel B IR-26: Monitoring the Results

Groundwater Testing
at IR-26



Samples Taken
Every 3 Months for 2 Years



Samples Tested for Mercury



Sample Results Compared
to Cleanup Goals

**Monitoring will help determine
whether IR-26 is ready for closure,
which is one component to support transfer of Parcel B**



Metafix injections, August 2026.

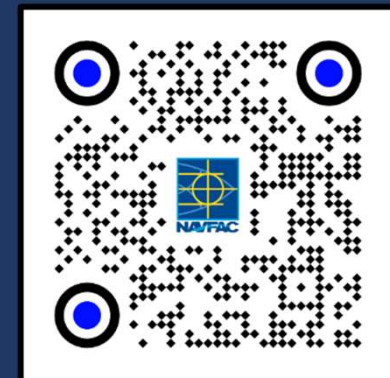
Parcel G Plutonium-239 (Pu-239)

Recap



Scan to download recent Navy presentations with Pu-239 updates to the HPSCAC:

- November 17, 2025
- January 26, 2026 (Notification Protocol)
- June 15, 2026



Scan the QR Code
to read the Navy's
Timely Topic
(December 15, 2025)

Pu-239 Air Monitoring Exceedance Summary Recap

Category	Summary
Date Identified	March 2025
Notifications Issued	Regulatory agencies notified October 2025; resulted in notification protocol review and update
What Happened	A reported Pu-239 air monitoring exceedance of the dust management plan action level triggered additional review and evaluation
Health or Environmental Concern	The health action level was not exceeded
Navy Actions Taken	DOD ELAP Accreditation Board conducted a laboratory audit. There were no findings that questioned the validity of detection and non-detection analytical result.
Regulatory Oversight	EPA's National Analytical Radiological Environmental Laboratory (NAREL) conducted an independent assessment of the data and laboratory information. It is their opinion the result is an outlier due to laboratory contamination, unrelated to HPNS activities
Next Steps	No additional actions planned

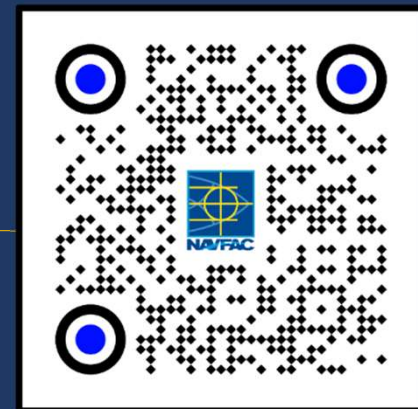
Laboratory Data Validation

Process Flow Recap



Scan to download recent Navy presentations with Data Validation updates to the HPSCAC:

- April 26, 2026
- June 15, 2026
- July 27, 2026



Scan the QR Code
to read the Navy's
Timely Topic
(April 21, 2026)

Laboratory Data Review Process: Laboratory Evaluation

Multiple levels of review help ensure laboratory data are reliable before they are used to make cleanup decisions.



EDQW = Environmental Data Quality Workgroup

AB = Accreditation Board

9/21/2026

HPSCAC E&R Subcommittee Meeting

22



Ongoing and Upcoming Fieldwork

- **Parcel G Building Demolition Fieldwork Progress**
- **Parcel F Upcoming Fieldwork**
- **Parcel C Shoreline Protection**

Parcel G Building Demolition

Fieldwork Update



Scan to download recent Navy presentations with Parcel G Building Demolition updates to the HPSCAC:

- January 26, 2026
- April 27, 2026
- June 15, 2026
- July 27, 2026



Map of the six buildings that will be removed at Parcel G

Aerial of Parcel G Buildings and Former Building Footprints



Aerial view of Parcel G Buildings, July 2026

Parcel G Building Demolition Progress

Completed

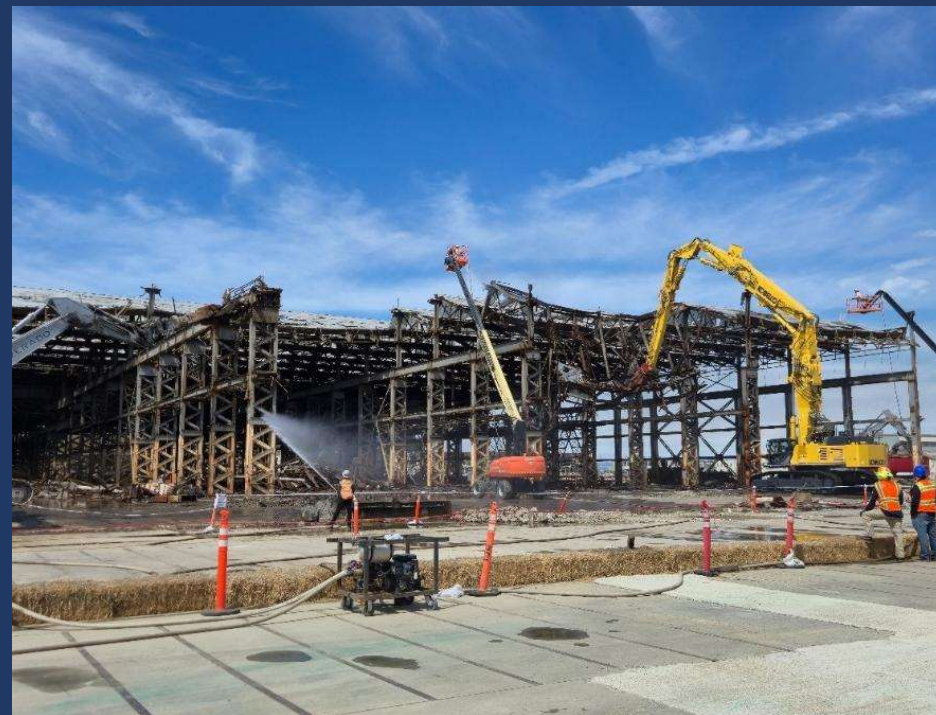
- Buildings 351, 351A, 366, and 401 demolished

Underway at Building 411

- South and North administration building demolished
- Work continues on the main structure building using the long reach excavators

Material Removal and Dust Controls

- Demolition debris is processed and hauled off site
- Soil tackifier is applied to help control dust
- Straw waddles are used to limit debris from leaving the worksite



Metal window frame removal at Building 411; water is sprayed to control dust.

Parcel G Building Demolition: Information and Resources



Scan the QR Code to read weekly Parcel G Building Demolition Updates

Read the August 31, 2026 Fact Sheets

- Parcel G Building Demolition
- Dust and Air Monitoring During Parcel G Building Demolition
- Reporting Air Monitoring Results

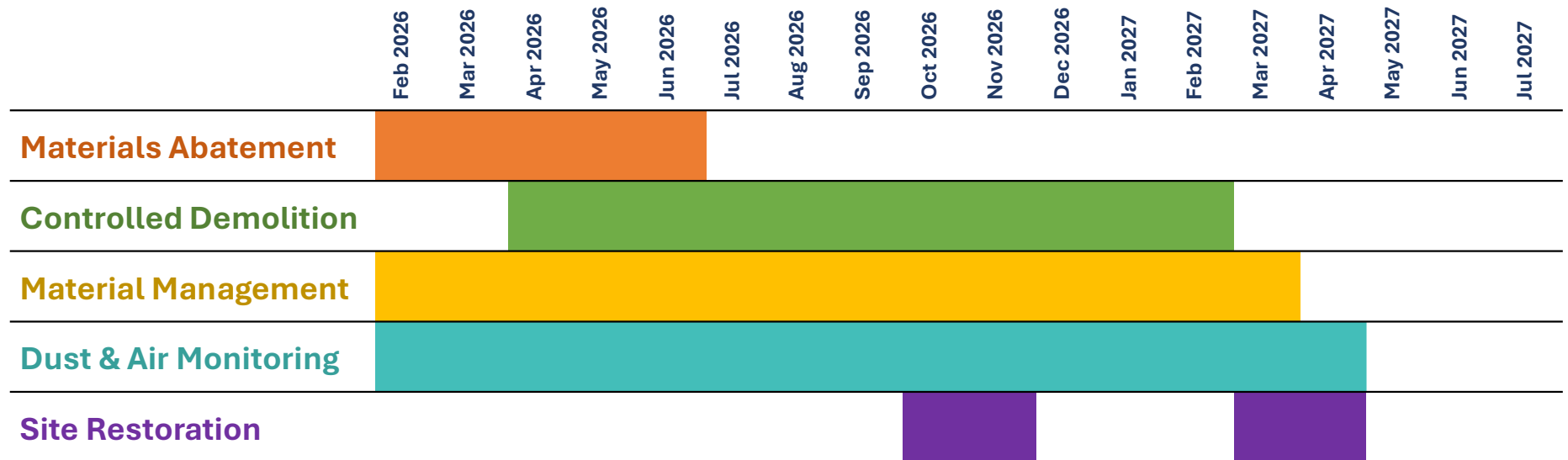


Download fact sheets from the Navy's website



- 1 Water is sprayed during demolition to limit dust
- 2 A tackifier reduces airborne dust
- 3 Straw waddles keep debris work areas

Parcel G Demolition: Field Work Schedule



Building 411 Roofing Material Evaluation

Roofing material from Building 411 activated the radiation portal monitor before leaving HPNS for off-site disposal at a licensed facility in Arizona

- Portal monitors are designed to detect small fluctuations above background levels

A field instrument indicated the presence of thorium-232 (Th-232) in the material

- Initial readings indicate very low concentrations that do not require additional radiological controls

A sample was sent for laboratory analysis as required by the Arizona disposal facility for a waste profile

The material is covered and securely stored onsite at HPNS while the Navy awaits the results

Building 411 Roofing Material Background

Understanding NORM and TENORM

- Stone, gravel, and slag contain low levels of *naturally occurring radioactive material* (NORM)
 - NORM may include uranium-238, thorium-232, and the elements they produce as they naturally decay.
- When human activities concentrate or disturb NORM, it may be classified as *technologically enhanced naturally occurring radioactive material* (TENORM)



Historically, materials containing **TENORM** were used in roofing products to provide ultraviolet protection, fire resistance, or added weight

- TENORM may also be present in coatings used on asphalt shingles

Visit the EPA's website to learn more about TENORM:

https://19january2021snapshot.epa.gov/radiation/technologically-enhanced-naturally-occurring-radioactive-materials-tenorm_.html

Building 411 Roofing Material Evaluation and Storage

1: Roofing material removed from Building 411



2: Close-up of roofing material for evaluation



3: Field instrument used to evaluate the roofing material



4: Collection of roofing material for laboratory analysis

5: Roofing material stored in a secure area at HPNS pending laboratory results

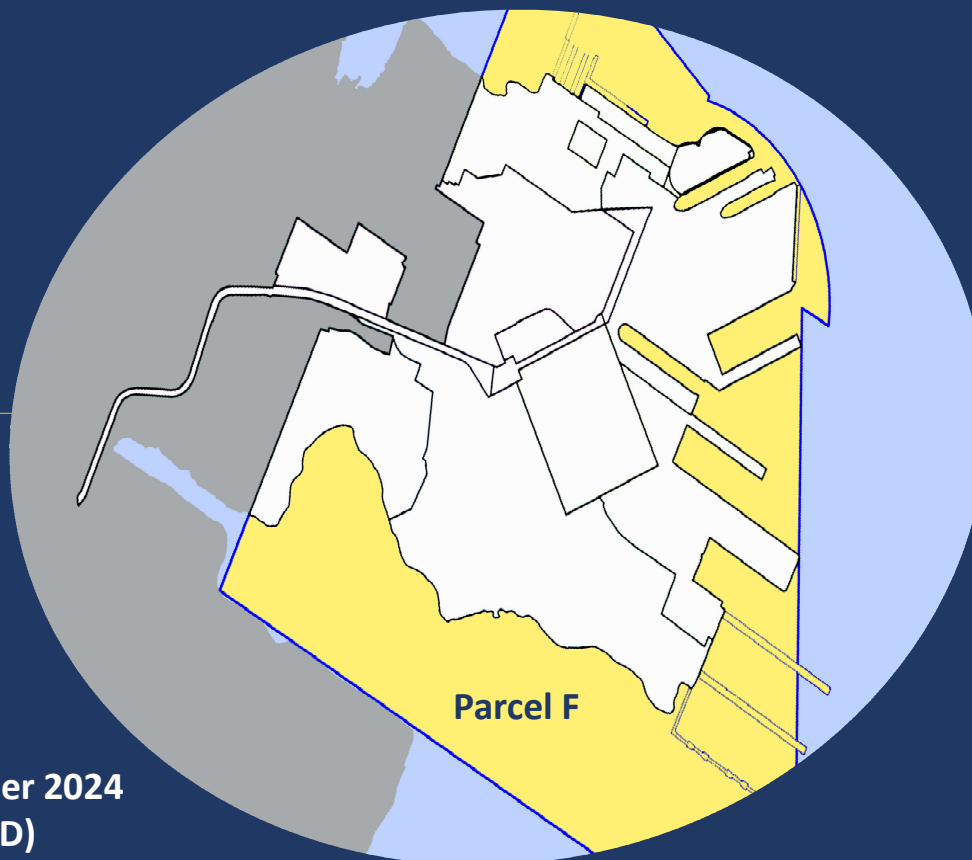


Parcel F

Upcoming Fieldwork



Scan to download the September 2024
Parcel F Record of Decision (ROD)

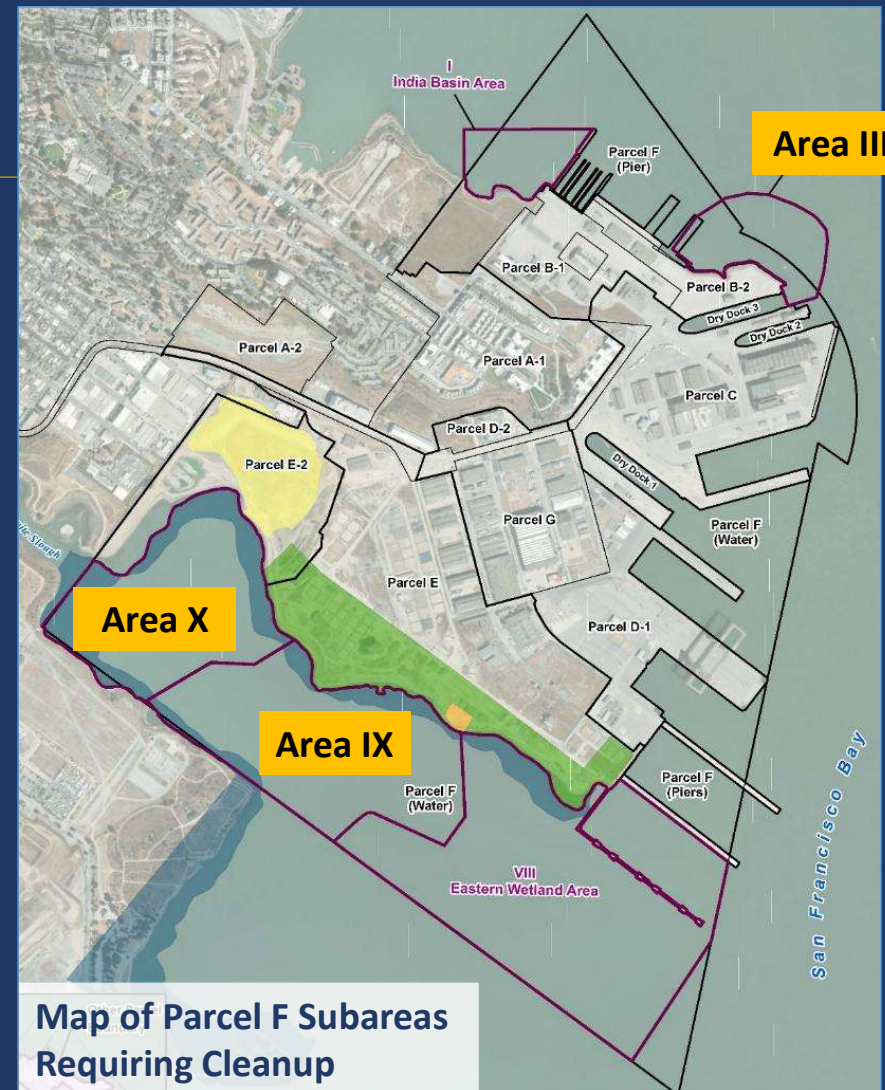


Parcel F: Site Overview

- Approximately 443 acres of offshore piers and sediments
- Cleanup focused on three areas
 - **Area III: Point Avisadero**
 - **Area IX: Oil Reclamation**
 - **Area X: South Basin**



Scan to download the Parcel F ROD Fact Sheet (Sept 2024)



Map of Parcel F Subareas Requiring Cleanup

Parcel F: ROD Overview

What's Being Cleaned Up?

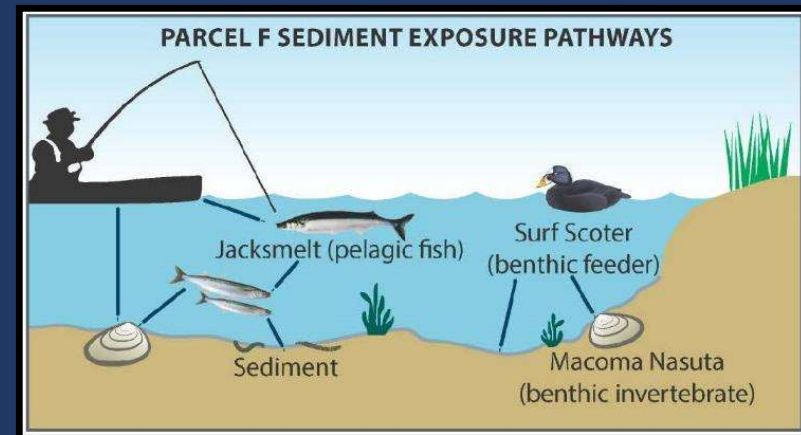
- San Francisco Bay sediment contaminated from historical shipyard activities
- Contaminants include polychlorinated biphenyls (PCBs), copper, lead, and mercury

How will the Navy clean up Parcel F?

- Targeted sediment removal and backfill
- Capping
- Carbon-based treatment
- Monitored natural recovery
- Institutional controls

Why is the Navy cleaning up the Bay sediment?

- To reduce risks to people and wildlife from contaminated sediment and the aquatic food chain



Parcel F: Additional Sediment Sampling

Why is additional sampling needed?

- Existing sediment data are more than 18 years old
- Updated information will confirm current conditions and refine the cleanup areas

How will the Navy use the results?

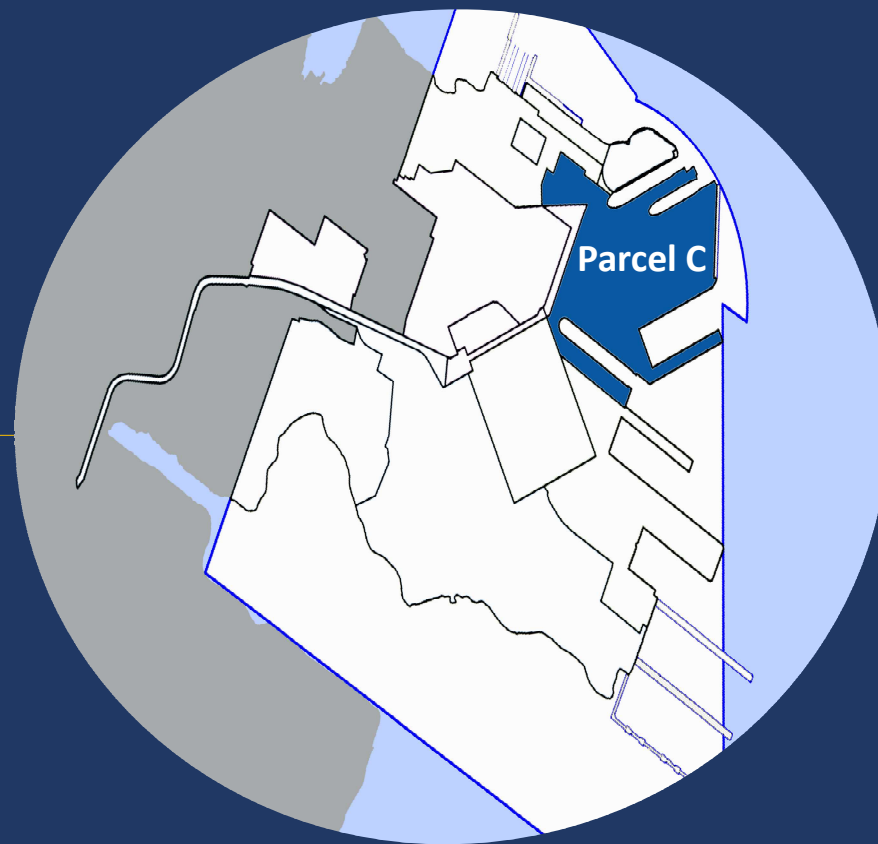
- Determine where sediment must be removed and how much
- Evaluate sediment conditions in the areas planned for cleanup
- Plan for the safe handling and disposal of sediment and water generated during cleanup



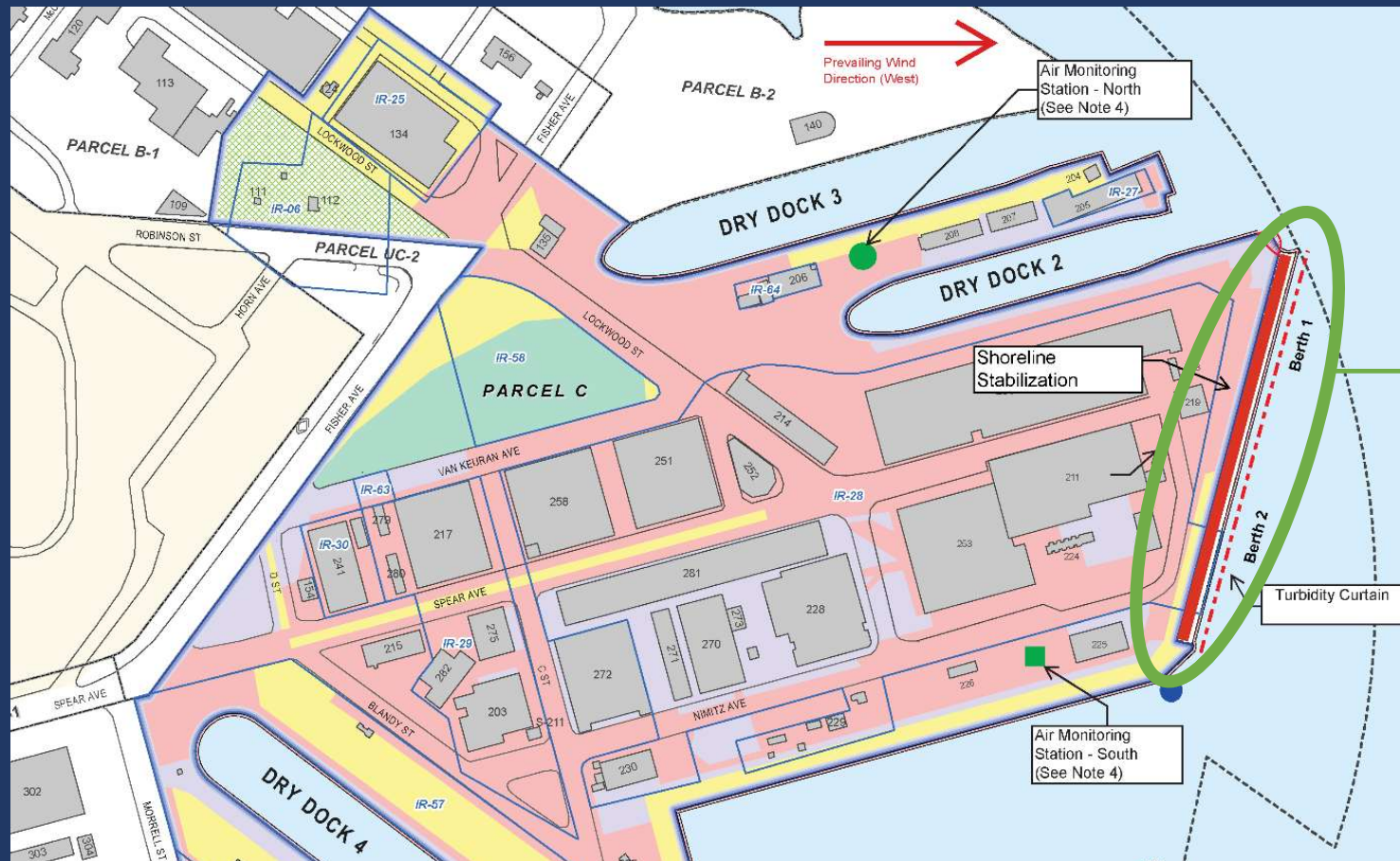
Example of Parcel F sediment sampling (June 2015)

Parcel C

Shoreline Repair



Parcel C Shoreline Repair Location Map



Location of upcoming Parcel C shoreline repair

Parcel C Shoreline Repair Overview

Repairs are being made to a portion of the Parcel C shoreline to protect the asphalt durable cover

1

Remove Damaged Material

Excavate unstable asphalt and underlying material

Create a stable area for the repair

2

Prepare the Foundation

Remove loose soil and debris

Excavate to firm material

3

Stabilize the Shoreline

Install rock-filled wire baskets (gabions) and geotextile fabric near the existing bulkhead and wharf

Stabilize the backfill and prevent further material loss

4

Restore the Durable Cover

Place and compact backfill

Connect the repaired areas to the existing Parcel C remedy

Parcel C Shoreline Repairs Schedule



Progress Towards Meeting Parcel Milestones

Preparation for Transfer of Parcels G and B

HPNS Parcel G CERCLA Critical Milestones

NON-RADIOLOGICAL PROGRAM

Draft PFAS RI Work Plan
The Work Plan is basewide; FFA agreed to move forward with Parcel G before finalizing basewide Work Plan
Begin PFAS RI Field Work
Complete PFAS RI Field Work
Draft PFAS RI Report
Final PFAS RI Report
Final PFAS FS
Final ROD ESD (add PFAS)

2025
2026
2027
2028

RADIOLOGICAL PROGRAM*

Soil Rework

Draft Soil RACR Phase 1
FFA comments received
Complete Potholing Field Work (Phase 2)
Draft Soil RACR Phase 2
FFA comments due October 5, 2026
Draft Final Soil RACR (Phase 1 & 2)
Final Soil RACR (Phase 1 & 2)

Building Demolition

Awarded CERCLA Bldg Demo Contract
Final FSSRs for Six Buildings
Final CERCLA Bldg Demo ROD ESD
Draft CERCLA Bldg Demo Work Plan
FFA comments received
Final CERCLA Bldg Demo Work Plan
Complete CERCLA Bldg Demo
Draft CERCLA Bldg Demo RACR
Final CERCLA Bldg Demo RACR

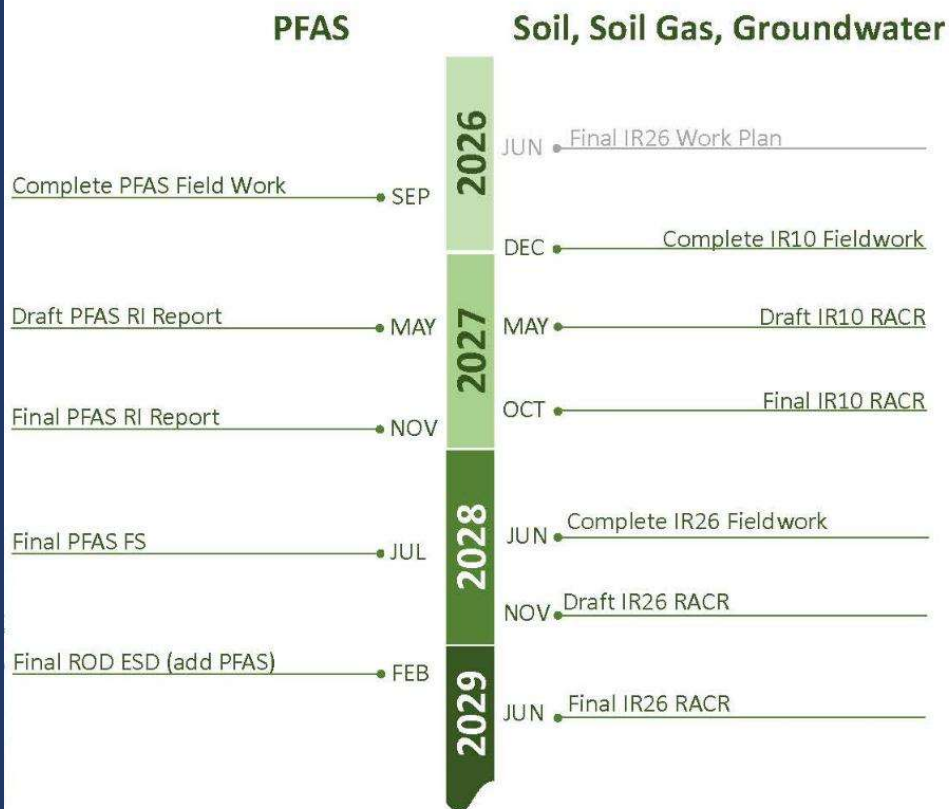
*Discussions regarding storm and sanitary sewer lines left in place are ongoing and may impact the schedule

2025
2026
2027
2028

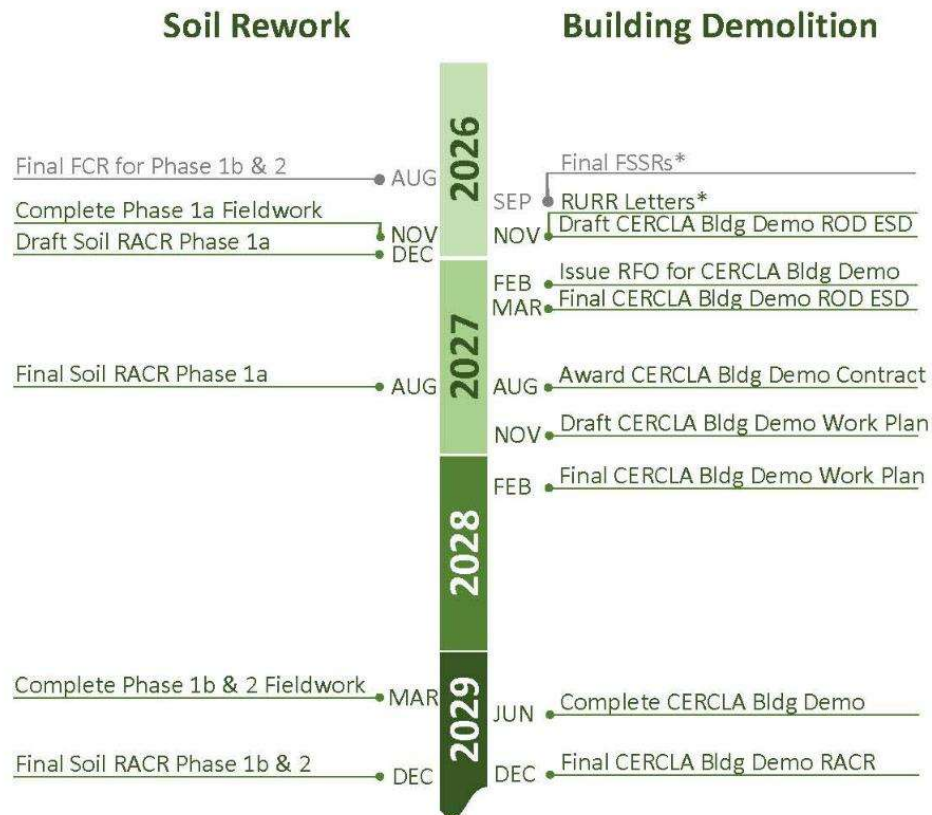
9/14/2026

HPNS Parcel B CERCLA Critical Milestones

NON-RADIOLOGICAL PROGRAM



RADIOLOGICAL PROGRAM



9/14/2026

*Subsurface space of two buildings were not surveyed and will be addressed by supplemental FSSR or as part of building demolition

2026 Upcoming Navy Outreach Events and Presentations

SAVE THE DATES *HPSCAC meetings pending Subcommittee Chair approval

Su	Mo	Tu	We	Th	Fr	Sa
			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	31	

Su	Mo	Tu	We	Th	Fr	Sa
						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	31					

Su	Mo	Tu	We	Th	Fr	Sa
		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			

JUL

27 - HPSCAC E&R Meeting

AUG

5 – Booth at National Night Out

SEP

17 – HPSCAC B&E Meeting

21 – HPSCAC E&R Meeting

Su	Mo	Tu	We	Th	Fr	Sa
				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	31

Su	Mo	Tu	We	Th	Fr	Sa
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					

Su	Mo	Tu	We	Th	Fr	Sa
		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	31		

OCT

10 – Air Force Band Concert at India Basin Park
17-18 – Booth at HPS Open Studios, Bus Tours

NOV

DEC

7 – HPSCAC E&R Meeting

Resources for More Information

Navy and Regulatory Agency Contacts

HPNS Program Management



Michael Pound
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

US Environmental Protection Agency

Mike Collins: collins.mike@epa.gov
Jackie Lane: lane.jackie@epa.gov

CA Dept. of Toxic Substances Control

Michael Howley: michael.howley@dtsc.ca.gov

San Francisco Bay Regional Water Quality Control Board

Mary Snow: mary.snow@waterboards.ca.gov

Other Resources



Community Technical Advisor
Dr. Kathryn Higley
(541) 737-0675
kathryn.higley@oregonstate.edu
www.ne.oregonstate.edu

HPNS Online Documents

- <https://www.bracpmo.navy.mil/hpns>
- <https://administrative-records.navfac.navy.mil/?PN24V63WGTUM4VG4WO>



HPNS Community Outreach

Send an email or leave a message

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



info@sfhpns.com



(415) 295-4742