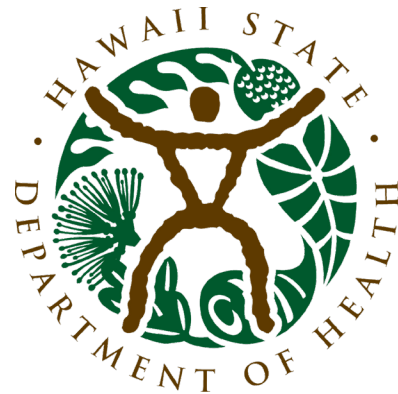


Red Hill Regulatory Agencies Updates

House Special Committee on Red Hill
Informational Briefing
October 2, 2025



Agenda

- ▶ Regulatory Background and Role
- ▶ Informational Updates
 - ▶ Environmental Cleanup
 - ▶ Tank System Closure
 - ▶ Drinking Water
 - ▶ Community Engagement



Regulatory Background and Role

Oversight of Tank System Closure and Petroleum Cleanup

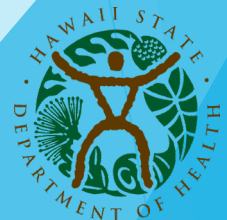
- ▶ **DOH** 2022 Emergency Order and Delegated Underground Storage Tanks Program
- ▶ **EPA** 2023 Administrative Consent Order (EPA, Navy, DLA)

Oversight of PFAS Cleanup

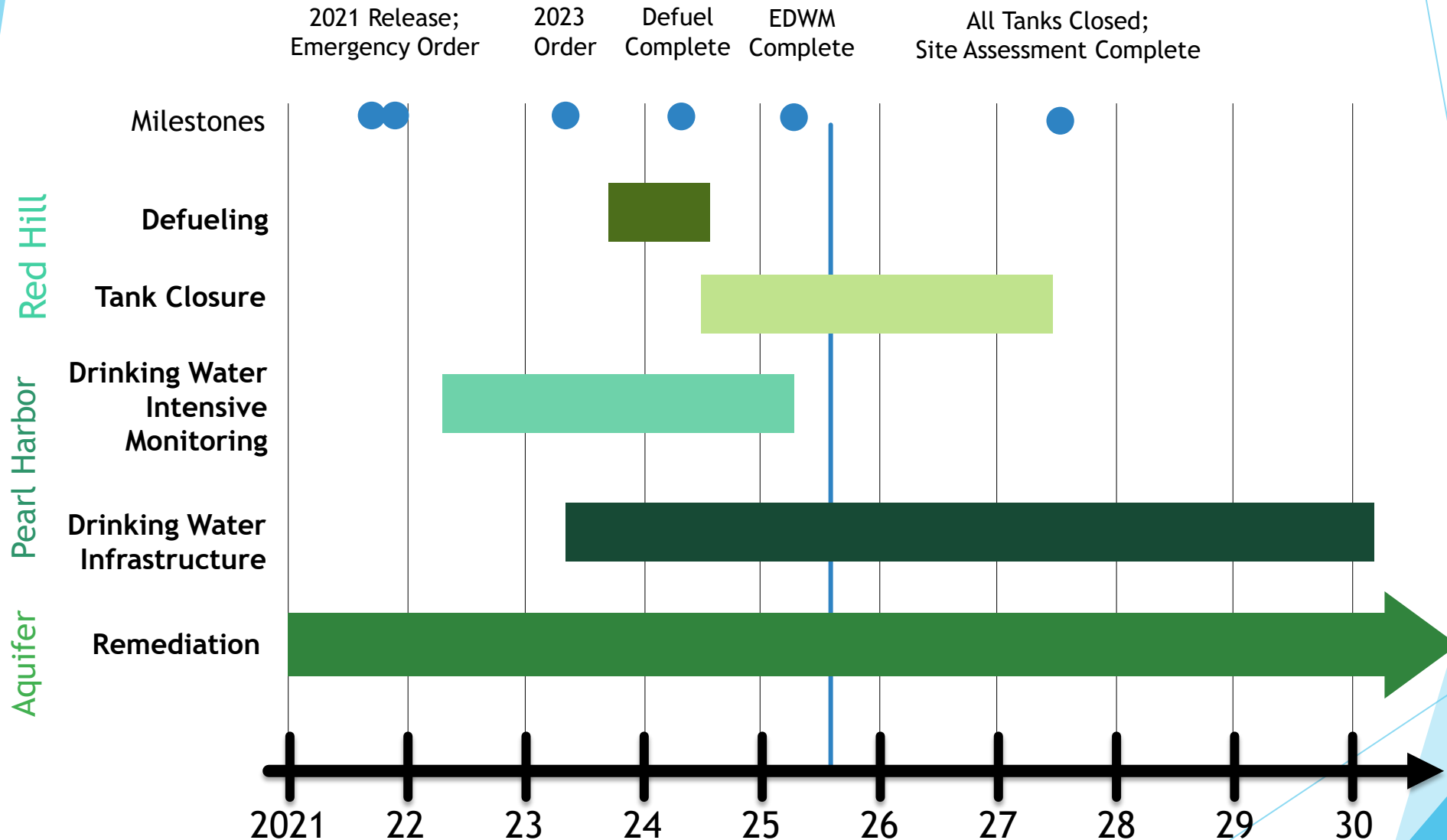
- ▶ **DOH & EPA** Superfund under the Pearl Harbor Naval Complex Federal Facilities Agreement

Drinking Water System Oversight

- ▶ **DOH** Primacy Agency for JBPHH drinking water system under the Safe Drinking Water Act
- ▶ **EPA** 2023 Administrative Consent Order (EPA, Navy, DLA)



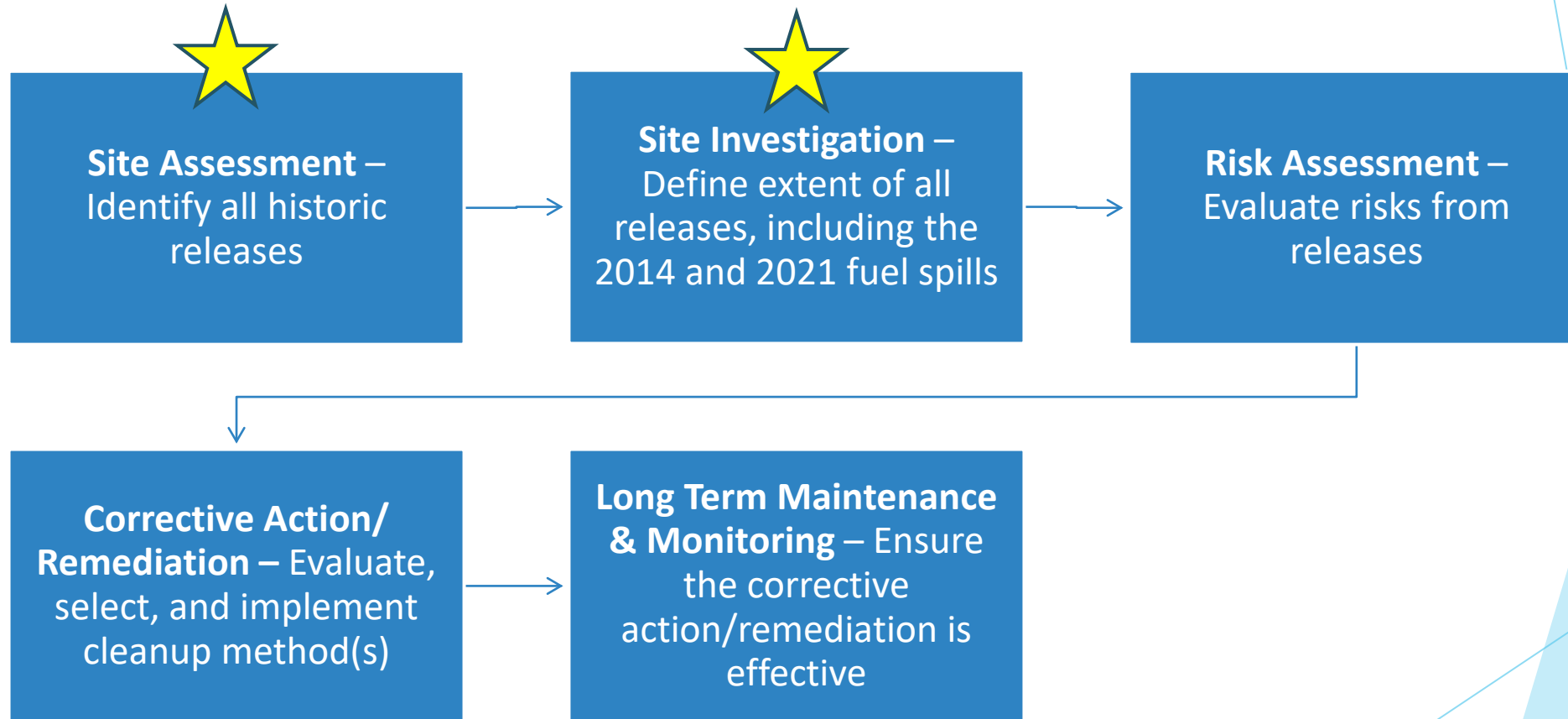
Red Hill Oversight Timeline



* The dates are determined by existing conditions and may be revised by Navy.



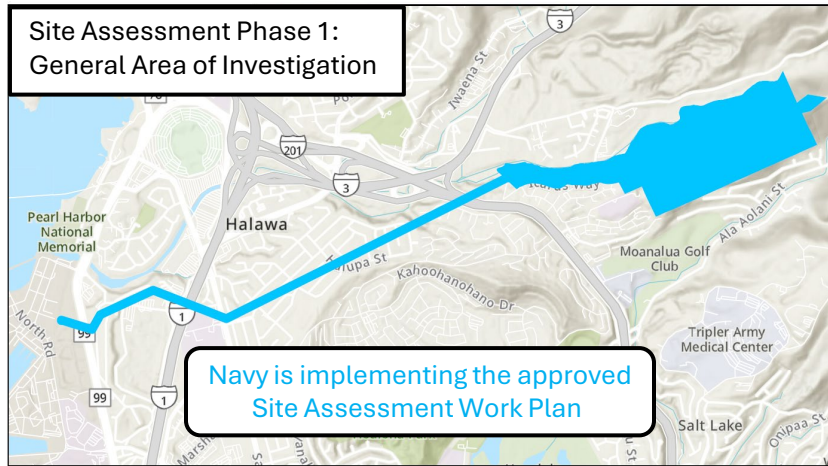
Oversight of Navy Environmental Activities Required for UST Closure



 Work in progress



**Site Assessment Phase 1:
General Area of Investigation**



Navy is implementing the approved
Site Assessment Work Plan

On-going Environmental Activities at Red Hill

**Holding & Leach Tank
Site Investigation**
DOH&EPA reviewing Navy's revised May 2025 work plan to collect additional data to delineate contamination.

**Soil Vapor Extraction
Pilot Study**
To determine feasibility and effectiveness of this remedial option.

PFAS Remedial Investigation
Navy began quarterly groundwater sampling at the end of 2024. DOH&EPA are collaborating with the Navy on revisions to the RI work plan.

Adit 6
Nov 2022 AFFF Release
Initial release response completed. Additional work will be required as part of the PFAS Remedial Investigation.

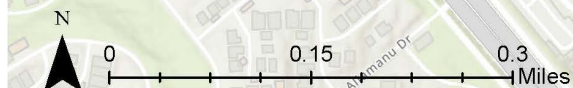
Tank Gallery
Routine Sampling
Weekly soil vapor samples collected beneath the tanks.

**Collection, Holding, & Transfer Tank
Site Investigation**
Navy is preparing a work plan to collect additional site data.

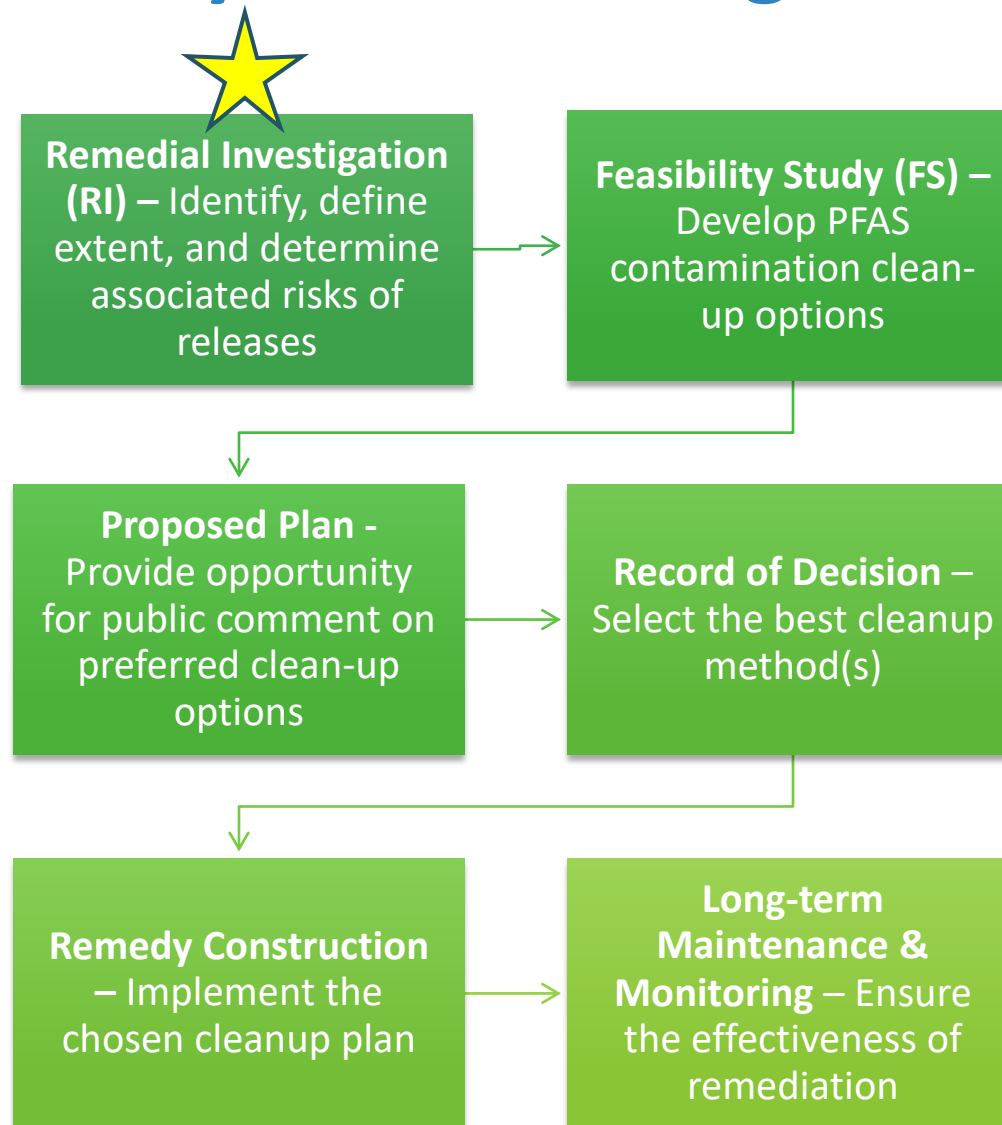
**Adit 3
Site Investigation**
Navy continues to collect data in this area to determine nature and extent of the Nov 2021 JP-5 release.

- Area-Wide Routine Sampling**
1. Groundwater testing in 46 monitoring wells - 2x per month
 2. Groundwater field measurements - monthly
 3. Halawa Stream wildlife and water quality monitoring - weekly
 4. Air monitoring during degassing at 9 stations - hourly

Please note that all locations and areas are approximate.
Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, US Census Bureau, USDA, USFWS, Esri, NASA, NGA, USGS, FEMA, Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community, Esri Community Maps Contributors, City and County of Honolulu, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, US Census Bureau, USDA, USFWS



Oversight of Navy PFAS Investigation & Cleanup



Work in progress



Oversight of Navy Tank Closure

Ongoing Work

- Meet at least weekly with Navy to address outstanding issues
- Review and comment on submitted plans
- Conduct walk-throughs before operations
- Oversee degassing and pressure washing
- Oversee pipeline cleaning

Upcoming Work

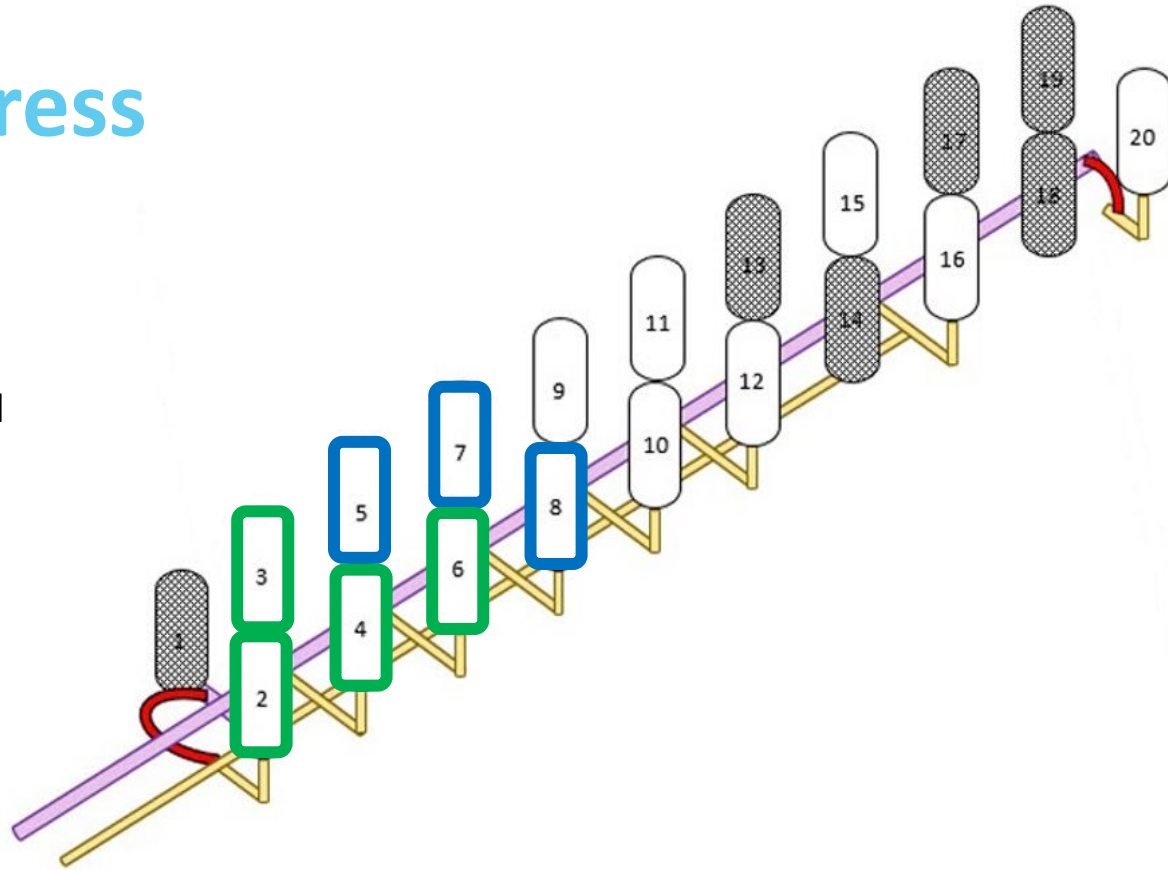
- Oversee pipeline and system component removal
- Reviewing reports –
 - Interim closure reports
 - Final closure report (July 2029)



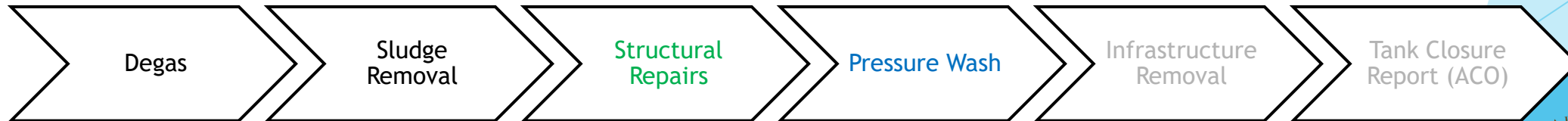
Tank Closure Progress

Grey Tanks – Emptied & Pressure Washed
Prior to Defueling

White Tanks – Recently Defueled
Next Step: Begin tank closure process

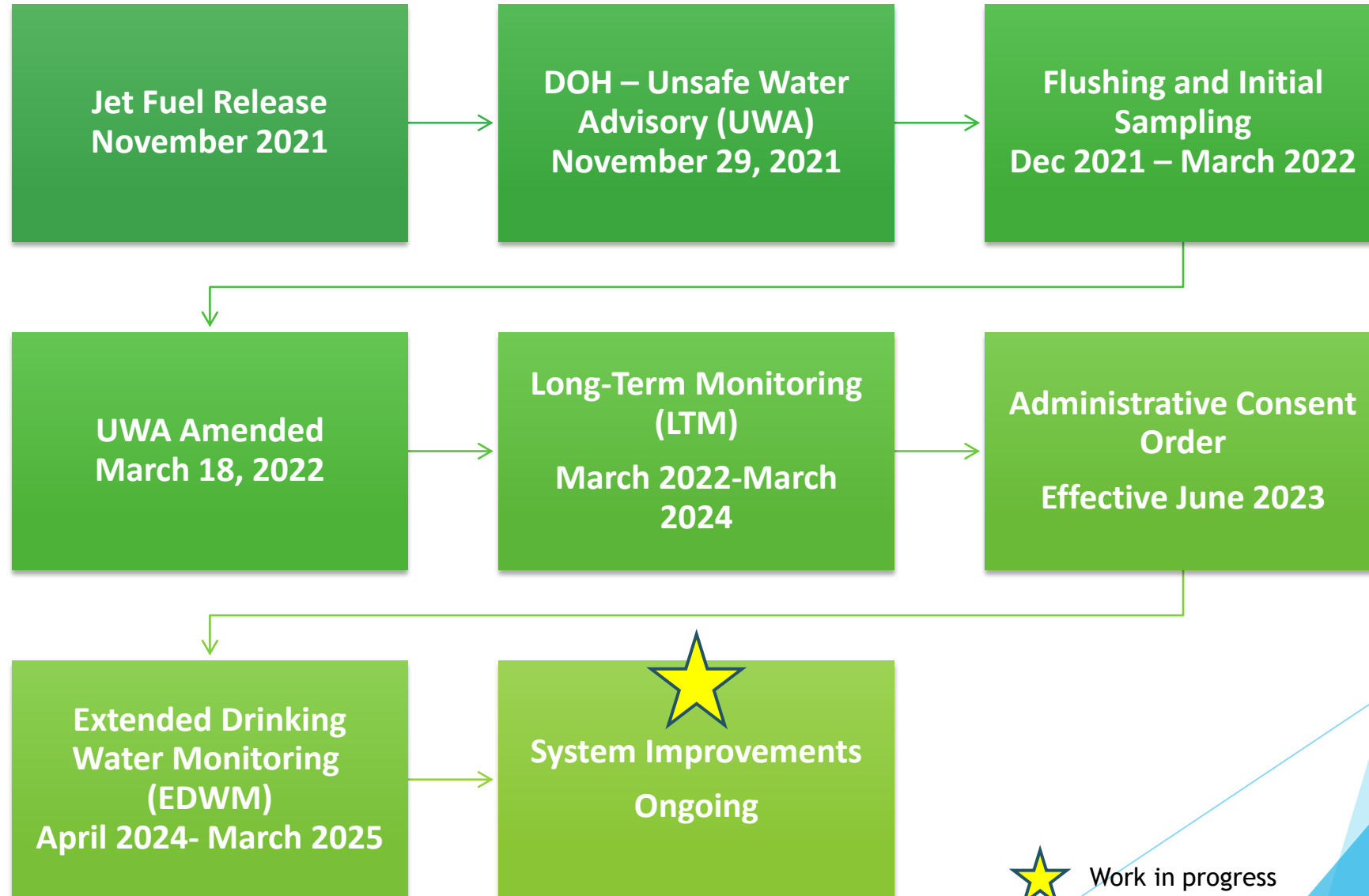


Tank Closure Process



Oversight of **Drinking Water**

November 2021 Jet Fuel Release Response and Recovery



Work in progress



Oversight of **Drinking Water** System Improvements

- ▶ General System Documentation
- ▶ Maintenance Activities and Documentation to Improve Water Quality
- ▶ Repairs
- ▶ Water Quality Complaints
- ▶ Finished Water Tanks
- ▶ Preventing Future Contamination
- ▶ In Response to EPA Inspection Findings

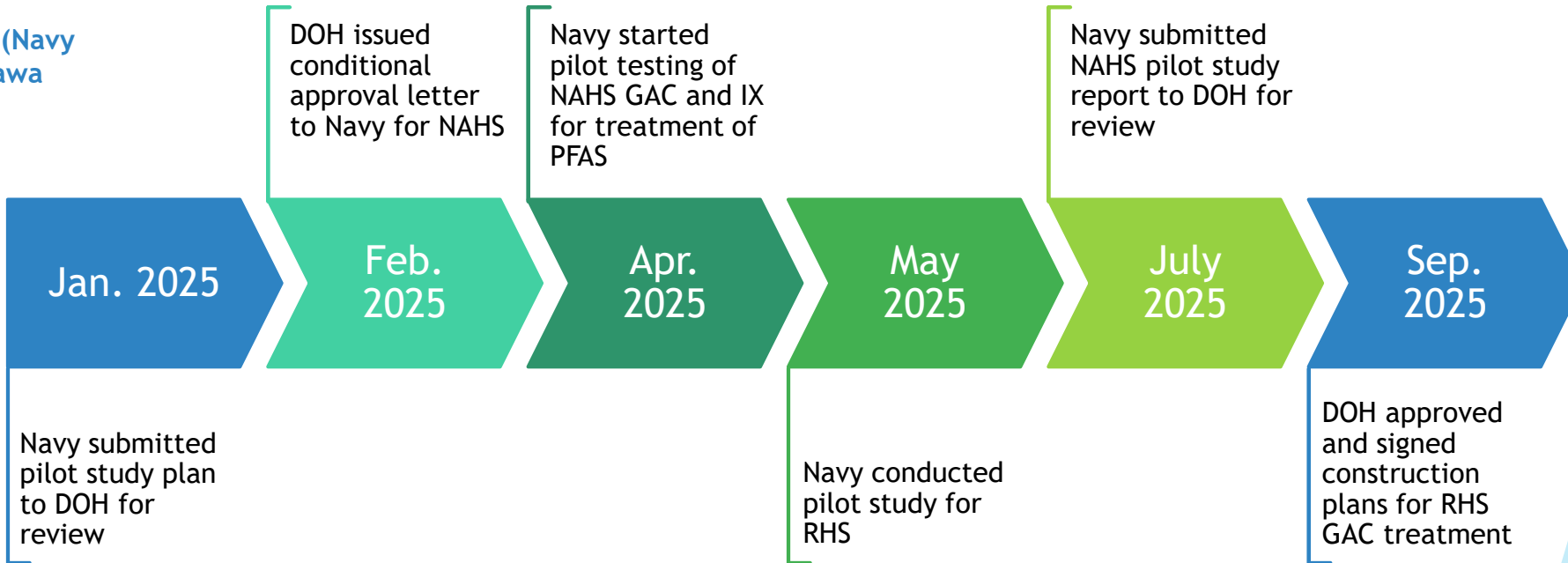


Navy Drinking Water Shaft Reactivation 2025 Updates

NAHS (Navy
Aiea Halawa
Shaft)



RHS
(Red Hill
Shaft)



2023 ACO Community Engagement

Navy 2025 Community Engagement Plan

- Quarterly Open Houses
- Quarterly Webinars
- Quarterly CRI Meetings
- State and Local Commission Meetings
- Neighborhood Boards
- Hawaiian Civic Clubs
- Kūpuna Engagements
- Community Information Booths
- Veteran Organizations
- Additionally: Podcast, Cellphone Application, and Newsletters

Next Steps

- Evaluate Engagement Strategy effectiveness
- Navy to submit 2026 Community Engagement Plan
- EPA, in coordination with DOH, review of plan and approval, if appropriate

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DOH & EPA Community Engagement

- ▶ DOH Summer 2025 "Groundwater Basics" Webinar Series
 - ▶ Groundwater and its Importance as a Resource in Hawai'i
 - ▶ Basics of Groundwater Flow
 - ▶ Contaminant Transport in Groundwater
 - ▶ Contaminant Plume and Aquifer Cleanup
- ▶ Attend Navy's Open Houses
- ▶ CRI Meetings
- ▶ FTAC Meetings
- ▶ State and Local Commission Meetings
- ▶ Neighborhood Board Meetings
- ▶ Fact Sheets



Watch DOH Groundwater
Webinars on YouTube



Calendar of Red Hill public events and
webinars hosted by EPA, DOH, and Navy



Questions

