

NCTF-RH Update

Fuel Tank Advisory Committee



01 OCTOBER 2025



Apple



Android



Decommissioning Updates



Tank Cleaning

SAFE. DELIBERATE. ENGAGED. COMMITTED.

Information current as of 26 SEP 2025

Status	
Step	Tank(s)
1	20
2	2, 3, 4, 6
3	5
4	7, 8

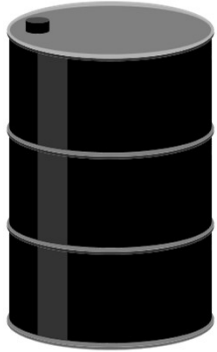
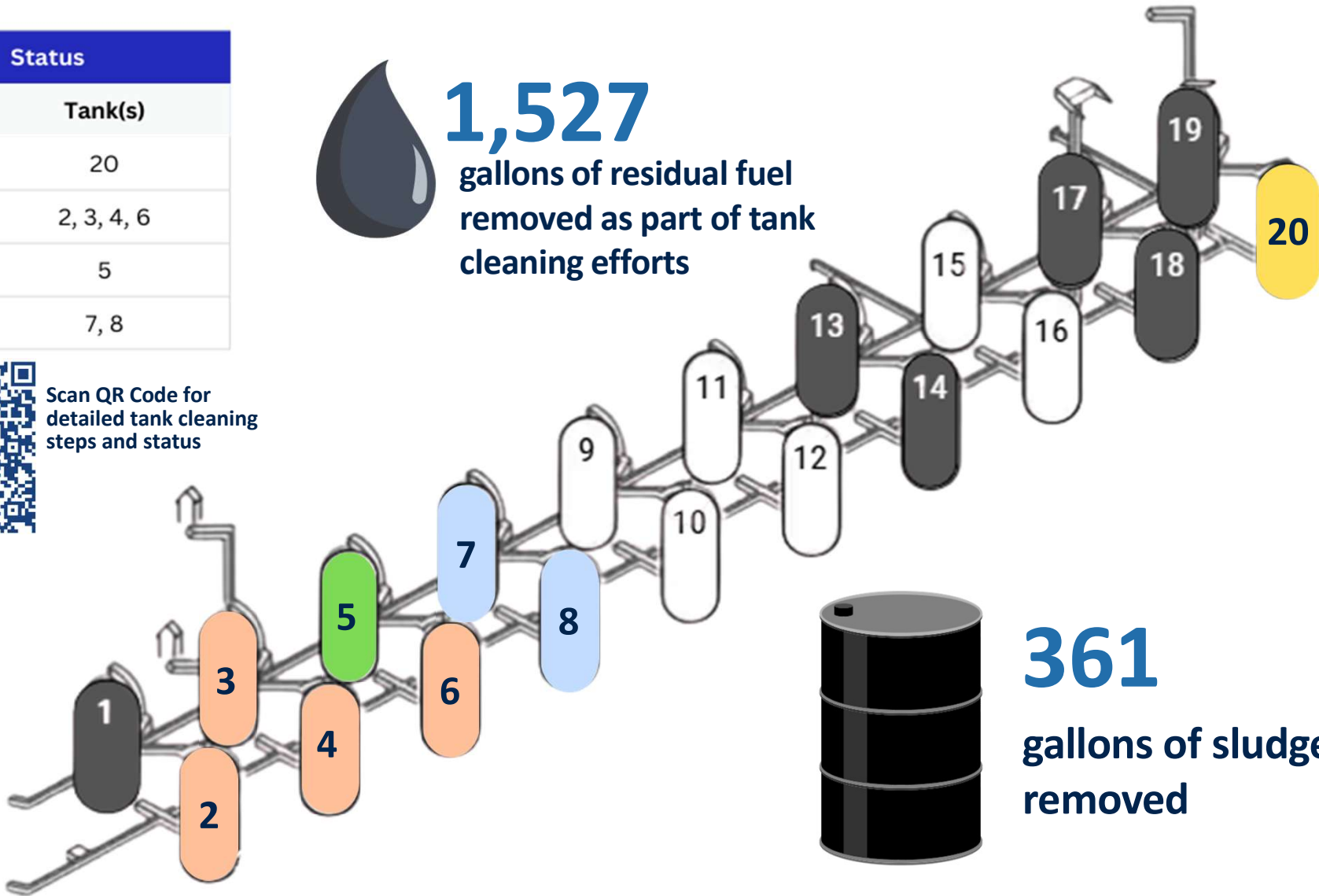


Scan QR Code for detailed tank cleaning steps and status



1,527

gallons of residual fuel removed as part of tank cleaning efforts



361

gallons of sludge removed

*Gray tanks were empty and not in service before defueling



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Tank Cleaning Verification Sampling



Cloth wipe samples collected according to the Society for Protective Coatings (SSPC) method 1 showed no signs of fuel, but visible staining was observed

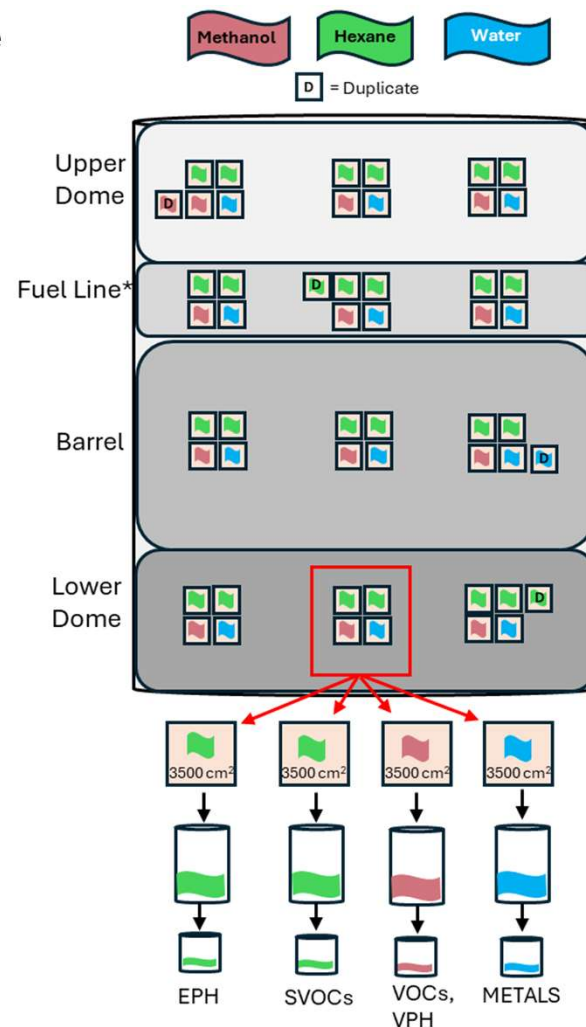
To characterize the staining/residue, wipe samples will be collected and analyzed for each of the following:

1. Extractable Petroleum Hydrocarbons (EPH)
2. Volatile Organic Compounds (VOCs) and Volatile Petroleum Hydrocarbons (VPH)
3. Semi-Volatile Organic Compounds (SVOCs)
4. Metals

Notes:

- EPH and VPH characterize Total Petroleum Hydrocarbons (TPH) by grouping hydrocarbons into fractions of similar toxicity, enabling a more accurate risk evaluation that aligns with Environmental Action Levels.

Tank Residue Sampling Method

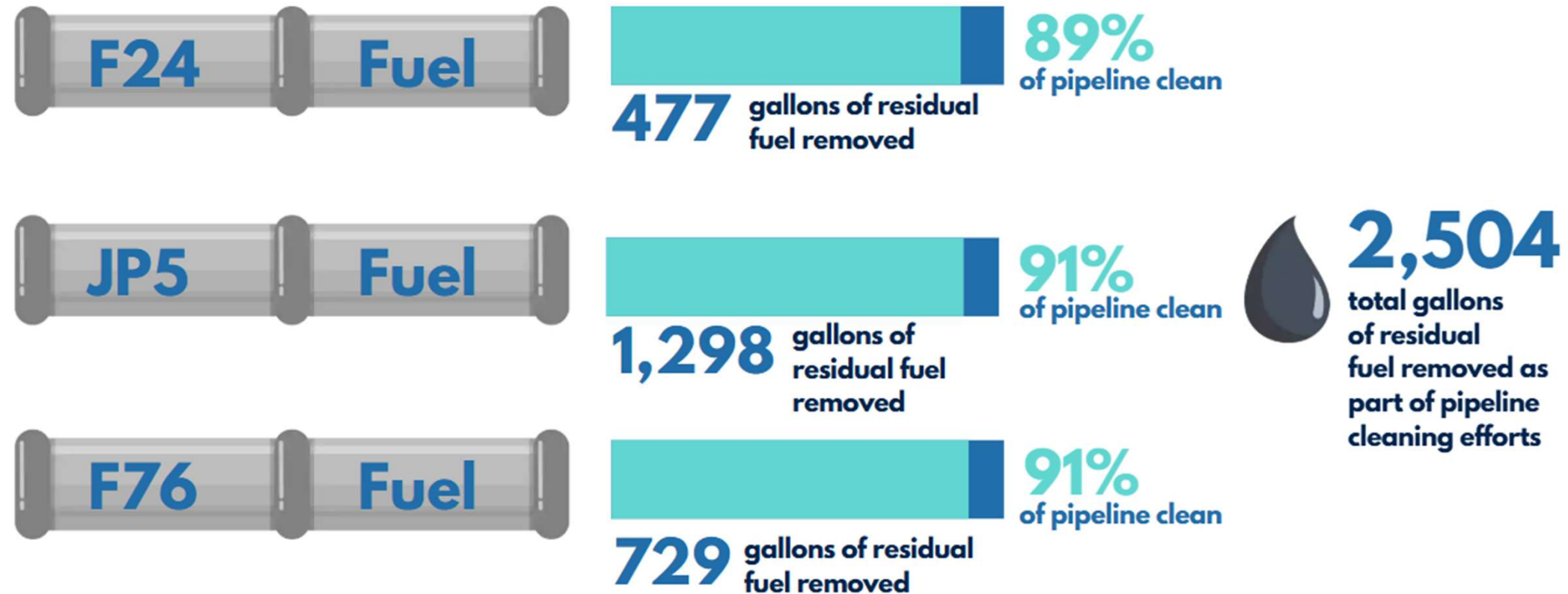




Pipeline Cleaning Status

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Information current as of 26 SEP 2025





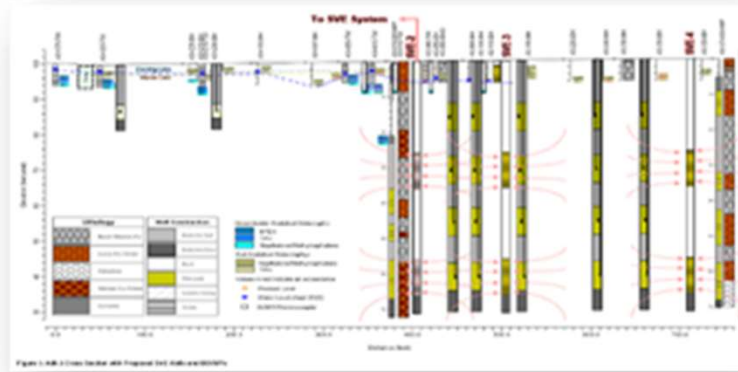
Environmental Updates



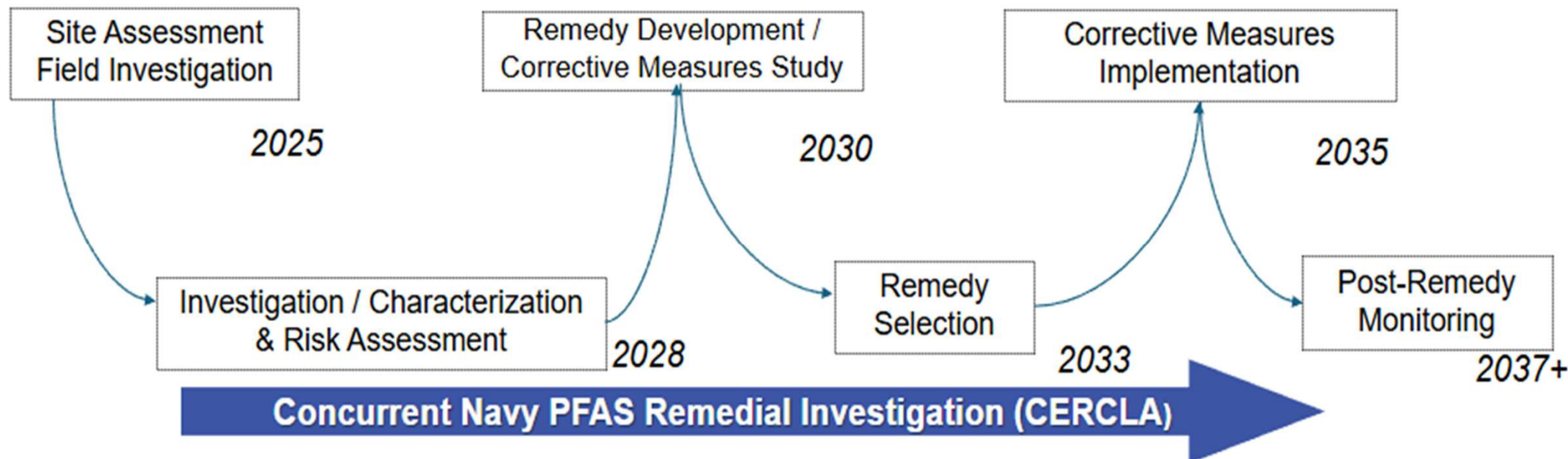
Site Assessment, Investigation, & Remediation

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Deliberate, regulated and data-driven process



General Process Flow





Environmental Monitoring & Remediation

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Passive soil vapor monitoring of conditions below fuel tanks



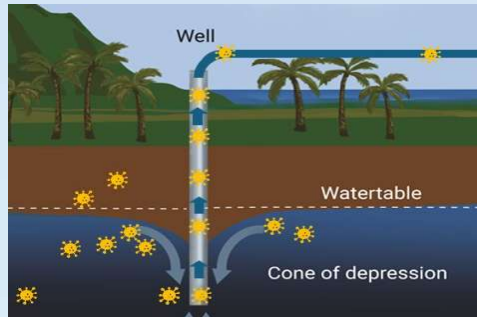
Air quality monitoring during tank cleaning ventilation



Soil vapor extraction pilot study to evaluate remediation technology



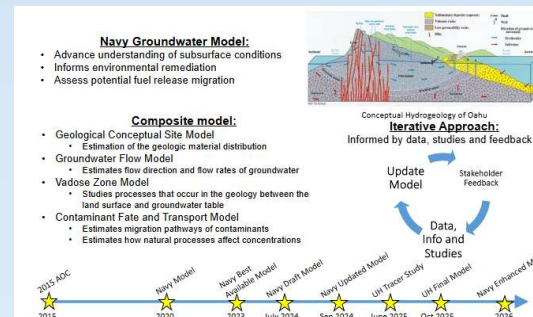
Extensive sampling of field investigation for **site assessment and cleanup**



Pumping Red Hill Shaft to sustain groundwater capture zone



Drilling additional groundwater monitoring wells to increase visibility



Groundwater flow modeling to understand groundwater characteristics



Ecological monitoring of Halawa Stream



RETURNING TO COMPLIANCE MONITORING

Nov. 2021 release impacts JBPHH system

Nov. 2021 - Dec. 2021

- Hawaii Department of Health (DOH) health advisory.

Interagency Drinking Water System Team

Dec. 2021 - Mar. 2022

- Team of experts from DOH, Environmental Protection Agency (EPA), Navy and Army formed to develop requirements.

JBPHH Drinking Water System Flushing

Dec. 2021 - Mar. 2022

- Complete flush of the JBPHH distribution system including all facilities and residences.
- DOH lifted health advisory, Mar. 2022: certified system as safe.

Drinking Water Long Term Monitoring

Mar. 2022 - Mar. 2024

- 24-month monitoring of the JBPHH drinking water.
- 9,200+ samples.
- 50+ analytes - metals, hydrocarbons, Synthetic Organic Compounds, and Volatile Organic Compounds.
- Repeated sampling of source and schools.
- 19 zones.

Extended Drinking Water Monitoring

Apr. 2024 - Mar. 2025

- Navy voluntarily implemented: approved by EPA.
- 6,200+ samples.
- 50+ analytes.
- Expanded fuel indicator compounds.
- New zone in Manana.
- Higher frequencies of priority areas.

Submit
Closeout
Report to
Regulators

Compliance Monitoring

- Recurring monitoring in accordance with the Safe Drinking Water Act for drinking water systems.
- Full drinking water analytes sampled for, plus required operational testing (bacteria/chlorine/etc).
- Reported to all consumers by the JBPHH consumer confidence report which is completed each summer.

+

- Lead and Copper Rule (LCR)
- Lead in Priority Area Rule (LIPA)

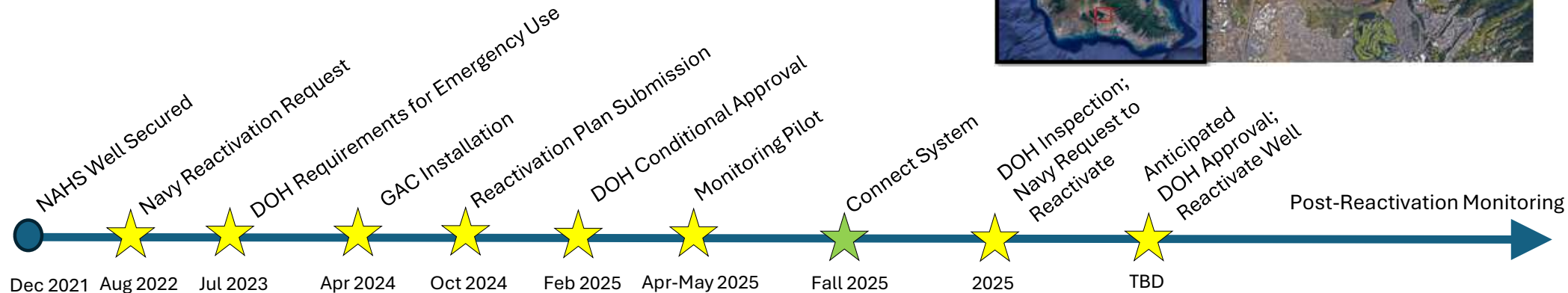


Navy Aiea-Halawa Shaft Reactivation

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Overview

- One of three drinking water production wells supporting JBPHH – currently isolated from system
- Important asset for DoD utility resiliency
- Extensive monitoring
- Proactive installation of onsite treatment system



Communication

- NCTF-RH open houses
- Stakeholder engagements
- *Red Hill Highlights*
- Podcasts
- Public webinar
- NCTF-RH website
- Safewaters website
- DOH, CWRM, public notice



Resources

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Navy Closure Task Force–Red Hill

navyclosuretaskforce.navy.mil

- Document library for defueling & closure of Red Hill Bulk Fuel Storage Facility
- Photos & media gallery
- Upcoming public engagements
- Weekly Red Hill Highlights



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Download the free NCTF-RH app

- Interactive progress dashboard
- Latest news
- Photos & videos
- Presentations & fact sheets
- Air quality monitoring data



“Let’s Talk Red Hill” Vodcast

youtube.com/@NCTF-RH

- Updates and information regarding the closure of the Red Hill Bulk Fuel Storage Facility

