

# Red Hill Bulk Fuel Storage Facility Update

## *Community Representation Initiative meeting*



**24 APRIL 2025**

**CLASSIFICATION**

**UNCLASSIFIED**



Apple



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# **Red Hill Shaft & Navy Aiea-Halawa Shaft Reactivation**



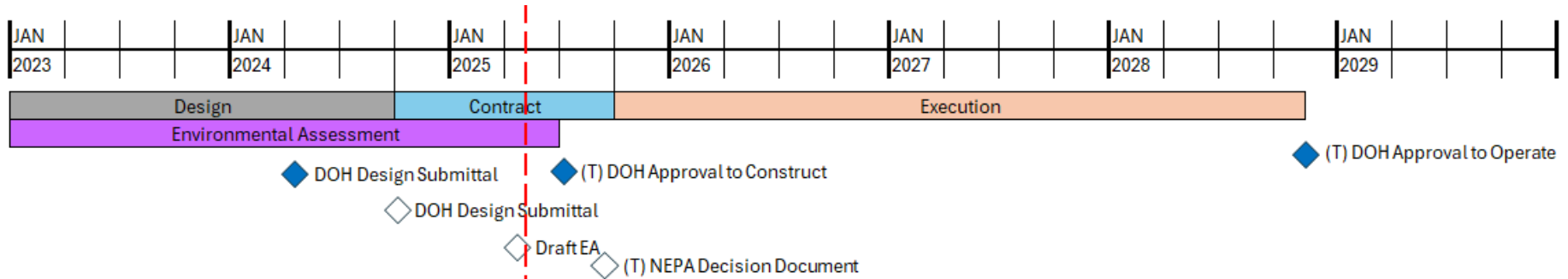
SAFE. DELIBERATE. ENGAGED. COMMITTED.

# Long Term Reactivation of Red Hill Shaft

Planned water treatment facility

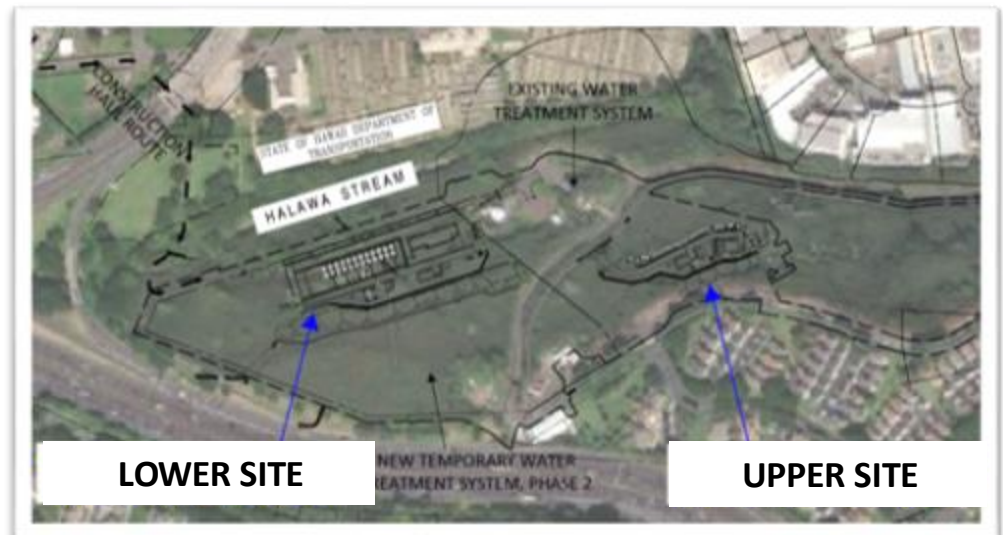
In response to RHS Recovery Monitoring Plan

Supported by FY25 National Defense Authorization Act (NDAA)



## Updates

- Mar-Apr 2025: public review of draft environmental assessment
- May-Aug 2025: treatment pilot study
- Summer 2025: DOH Authorization to construct



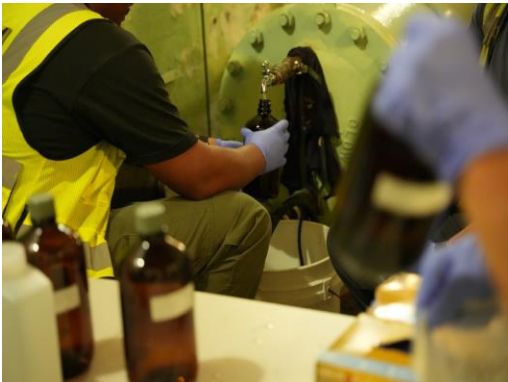
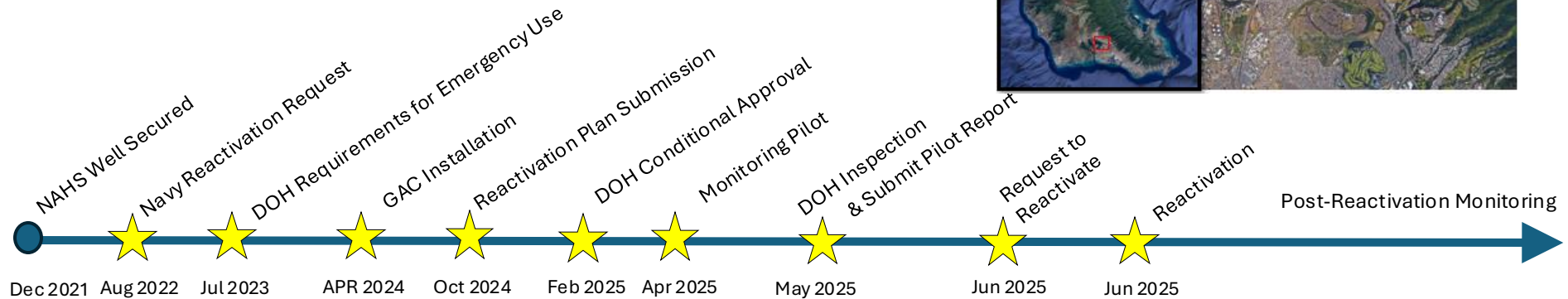


# Navy Aiea-Halawa Shaft Reactivation

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## Overview

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



## Communication

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



# **Tank Cleaning & Future of Tanks**





# Tank Cleaning

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## ❑ Step 1 – Preparation (Approx. 2-3 months):

- Isolate tank and disconnect piping
- Install tank ventilation equipment and inject water to soften sludge
- Remove flowable sludge
- Begin tank ventilation with forced air

## ❑ Step 2 – Remove Solid Sludge (Approx. 2-3 months):

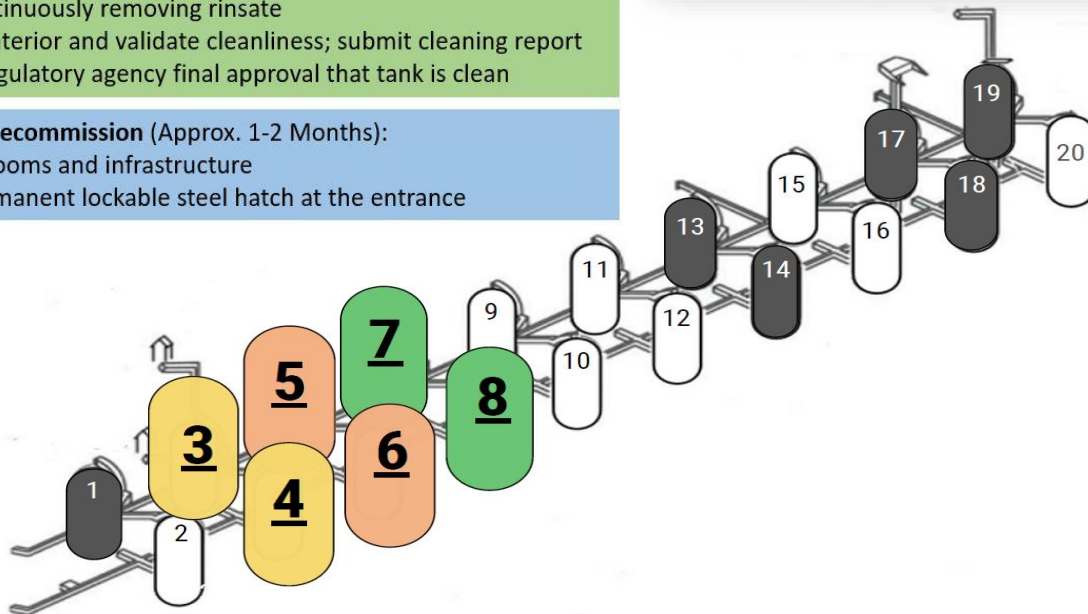
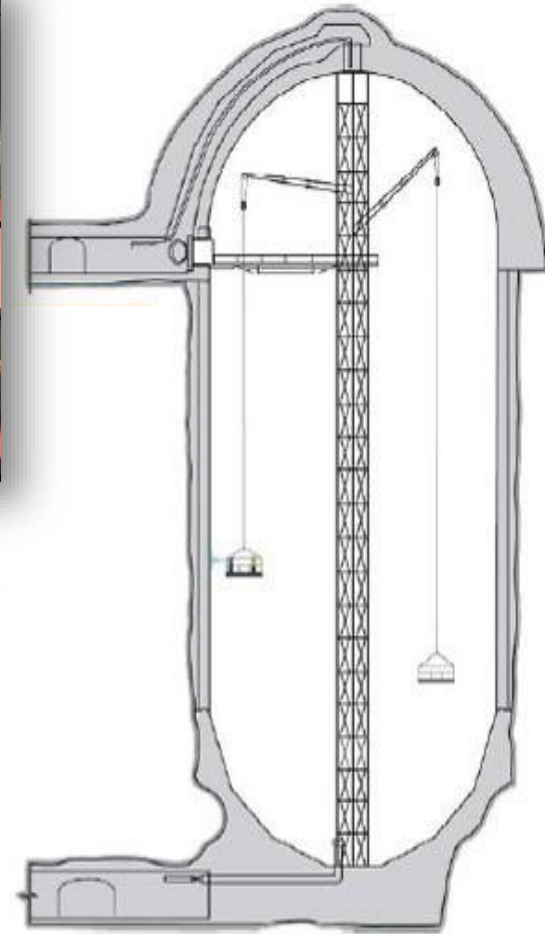
- Inspect and repair central tower and catwalk
- Install center tower elevator; load test tower and catwalk
- Remove solid sludge

## ❑ Step 3 – Pressure Washing (Approx. 1-2 months):

- Set up pressure washing system and
- Pressure wash with 3% Simple Green
- Rinse, continuously removing rinsate
- Dry tank interior and validate cleanliness; submit cleaning report
- Receive regulatory agency final approval that tank is clean

## ❑ Step 4 – Tank Decommission (Approx. 1-2 Months):

- Remove booms and infrastructure
- Install permanent lockable steel hatch at the entrance





# **Drinking Water Monitoring & Resident Engagement**



# 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)





# Resident Engagement

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## Drinking Water Information Booths

 **2-April, Wednesday, 4 p.m. - 8 p.m.**

**Kapilina Beach Homes Night Market**

Learn more about the Navy's Extended Drinking Water Monitoring Plan and how to find your drinking water sample results at the Kapilina Night Market.


*Pilikai Beach Park, 5440 Edgewater Drive, Ewa Beach, HI 96706 | [Download Flier](#)*

 **8-April, Tuesday, 1 p.m. - 1:30 p.m.**

**JBPHH Newcomers Fair, Hickam Chapel**

Learn more about the Navy's Extended Drinking Water Monitoring Plan and how to find your drinking water sample results at the monthly JBPHH Newcomers Fair.


*180 Kuntz Ave, Honolulu, HI, 96818 | [Download Flier](#)*

 **8-April, Tuesday, 6 p.m. - 7:30 p.m.**

**JBPHH Informational Assembly, Joint Base Pearl Harbor-Hickam Memorial Chapel**

Learn more about the Navy's Extended Drinking Water Monitoring Plan and how to find your drinking water sample results at the monthly assembly.


*1600 Frederick Street, Honolulu, HI, 96818 | [Download Flier](#)*

 **17-April, Thursday, 10 a.m. - 1 p.m.**

**Navy Exchange Mall**

Learn more about the Navy's Extended Drinking Water Monitoring Plan and how to find your drinking water sample results at the Navy Exchange Mall.

*4725 Bougainville Drive, Honolulu, HI, 96818 | [Download Flier](#)*

 **24-April, Thursday, 10 a.m. - 1 p.m.**

**Hickam Main Exchange**

Learn more about the Navy's Extended Drinking Water Monitoring Plan and how to find your drinking water sample results at the Hickam Main Exchange.

*10 Hickam Court, Honolulu, HI, 96818 | [Download Flier](#)*

## Water Quality Action Team

If residents have concerns about the quality of their water, the Water Quality Action Team (WQAT) is available to collect drinking water samples to test for the presence of total petroleum hydrocarbons and conduct a water quality investigation.

Consumers can call the Joint Base Pearl Harbor-Hickam Drinking Water Call Center, which will dispatch the WQAT to investigate **(808) 210-6968**

## 2025 Concern Log

Month	Concerns	Visits
Jan	4	4
Feb	4	4
Mar	5	3
Apr	5	4



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# Sharing Resources With Residents

Joint Base Pearl Harbor-Hickam Water Response  
Resident Resources guide: provided to military housing and  
Kapilina Beach Homes offices to distribute to new residents.

Participate in JBPHH monthly:

- Newcomers Fair
- JBPHH informational assembly

Provide information booths at military exchanges, mini  
marts, and KBH Night Market within JBPHH's area of  
responsibility.

All information posted on Safe Waters website





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# Communication & Engagement

**Apr 29**



**WEBINARS**



**VODCASTS**



**INFORMATION  
BOOTHS**

**May 21**



**OPEN  
HOUSES**



**COMMUNITY  
MEETINGS**



**PARTNER  
UPDATES**



**APP UPDATES**



**MEDIA  
INTERVIEWS**



# **Environmental Monitoring & Remediation**



# Ongoing Environmental Efforts

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## 2024 Highlights

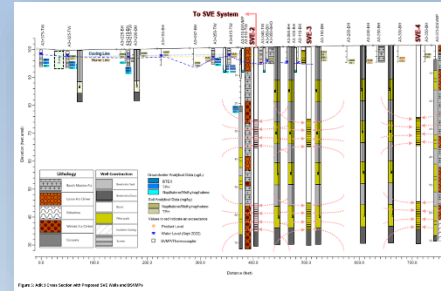
## A Look Forward



**Began site assessment of Red Hill facility with research and preliminary sampling.**



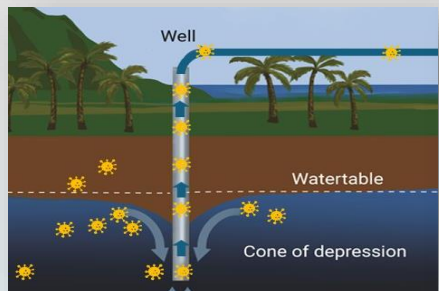
**Monitored air quality during fuel tank cleaning ventilation.**



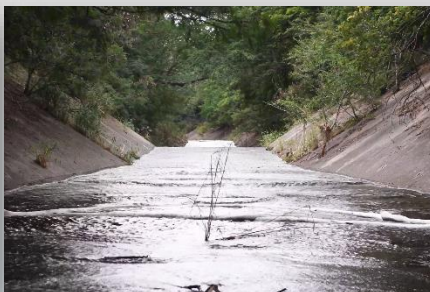
**Continue remediation pilot study with deep soil vapor extraction.**



**Begin field investigation for site assessment.**



**Maintained capture zone at Red Hill Shaft via pumping.**



**Reduced daily discharge of filtered water from Red Hill Shaft into Hālawā Stream.**



**Continue environmental monitoring and capture zone at Red Hill.**



**Ongoing Hālawā Stream ecological monitoring.**

The Navy is working closely with regulators to effectively advance remediation efforts for the Red Hill environment.

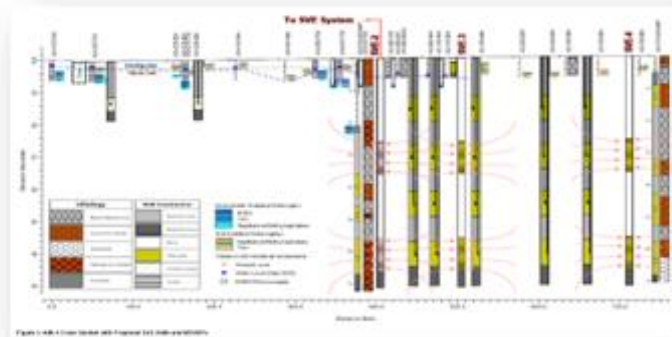




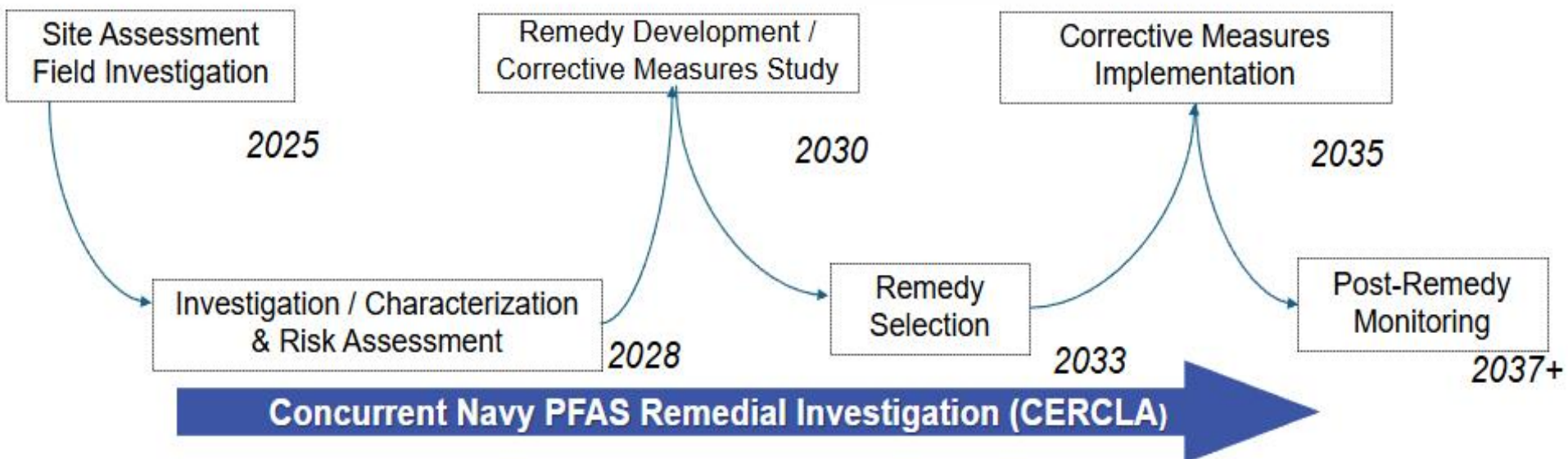
# Site Assessment

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Deliberate, regulated and data-driven process



## General Process Flow





# Additional Information

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## Navy Closure Task Force–Red Hill

[navyclosuretaskforce.navy.mil](http://navyclosuretaskforce.navy.mil)

- Document library for defueling & closure of Red Hill Bulk Fuel Storage Facility
- Photos & media gallery related to water response efforts & drinking water testing
- Upcoming public engagements



Apple



Android

## Download the free NCTF-RH app

- Interactive progress dashboard
- Latest news
- Photos & videos
- Weekly podcast episodes
- Presentations & fact sheets



## “Let’s Talk Red Hill” Vodcast

[youtube.com/@NCTF-RH](https://youtube.com/@NCTF-RH)

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

