



# NCTF-RH Organizational Structure and Mission

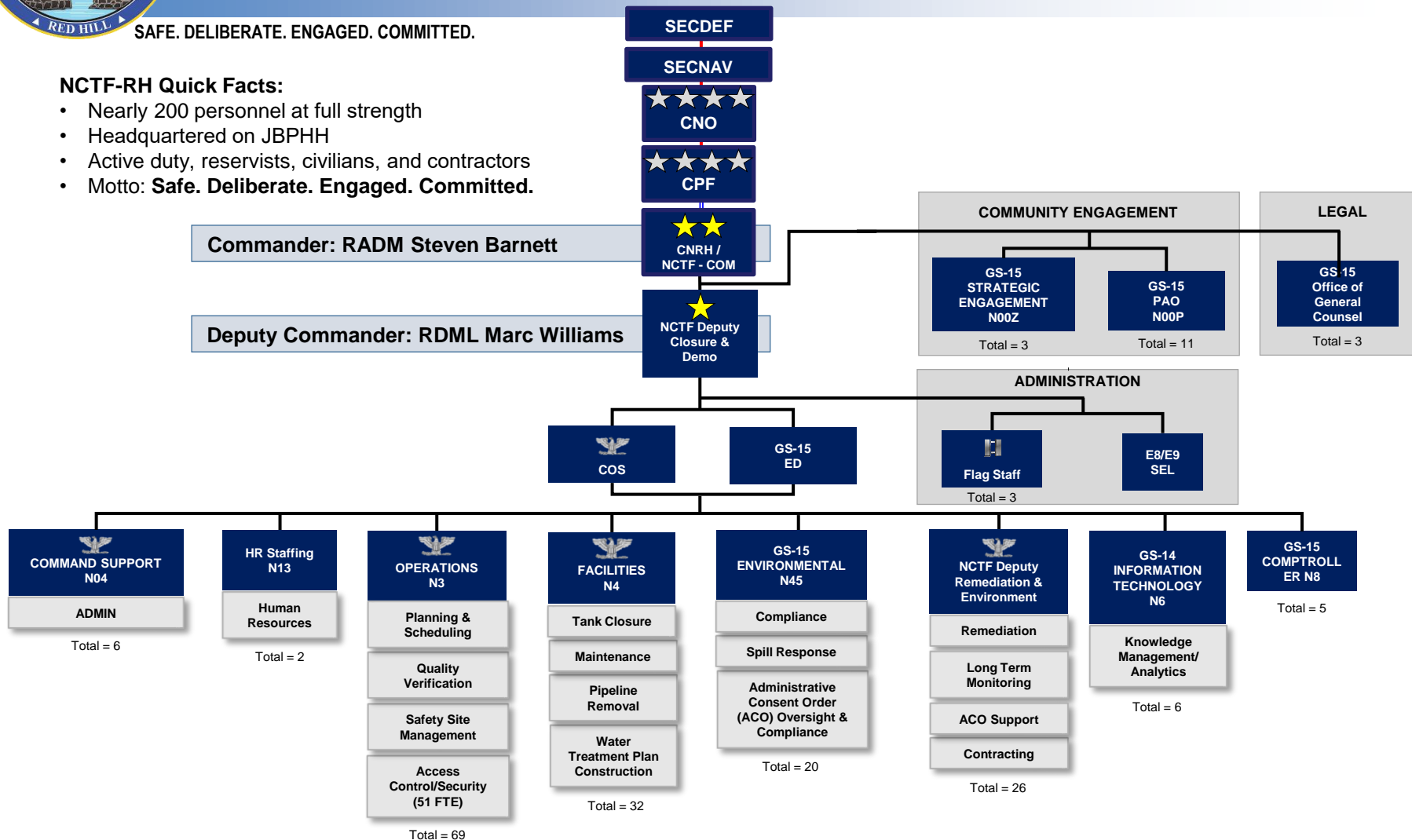
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## NCTF-RH Quick Facts:

- Nearly 200 personnel at full strength
- Headquartered on JBPHH
- Active duty, reservists, civilians, and contractors
- Motto: **Safe. Deliberate. Engaged. Committed.**

**Commander: RADM Steven Barnett**

**Deputy Commander: RDML Marc Williams**



**Mission Statement:** Navy Closure Task Force - Red Hill (NCTF-RH) will safely and expeditiously execute the permanent closure of the Red Hill Bulk Fuel Storage Facility (RHBFSF) and continue long term remediation and Red Hill Shaft and JBPHH well restoration efforts in coordination with Federal and State regulators to protect public health and the environment while continuing to rebuild trust with the State of Hawai'i and local community.



# Rear Admiral Stephen Barnett



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Rear Adm. Stephen D. Barnett is a native of Columbia, Tennessee. He is an alumnus of Tennessee State University, where he received his Bachelor of Science in Mechanical Engineering, and Troy State University where he earned his Master of Business Administration. He earned his commission at Aviation Officer Candidate School in 1991. Barnett's sea duty assignments have included Patrol Squadron (VP) 46, USS John C. Stennis (CVN 74), and VP-5. As commanding officer of VP-47 at Kāne'ohe, Hawai'i, he led the squadron on a simultaneous deployment to Japan and Iraq, executing more than 250 missions in support of Operation Iraqi Freedom, completing more than 950 sorties comprising 5,000 hours.

Ashore, Barnett served as a detailer at the Bureau of Naval Personnel, naval flight officer instructor for VP-30, assistant Joint Requirements Oversight Council Secretariat, senior program analyst for Chief of Naval Operations (OPNAV N80), and deputy executive assistant to the Vice Chief of Naval Operations. Additional assignments include deputy director of the Resource Management Division for the Chief of Naval Operations (Manpower Personnel, Training, and Education), commanding officer of Naval Base Coronado, California, chief of staff for Commander, Navy Region Southeast and Commander, Navy Installations Command, and deputy commander, Navy Installations Command.

As a flag officer, Barnett served as Commander, Navy Region Northwest and Commander, Navy Region Southwest. He assumed command as Commander, Navy Region Hawai'i on 17 June 2022. His decorations include the Legion of Merit, Meritorious Service Medal, Defense Meritorious Service Medal, Joint Service Commendation Medal, Navy Commendation Medal and Navy Achievement Medal.



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# Rear Admiral Marc Williams

Deputy Commander 



Rear Adm. Marc Williams is a native of La Mesa, California. He is a graduate with merit of the U.S. Naval Academy where he earned a Bachelor of Science Degree in Ocean Engineering and commissioned in 1998. He also holds a Masters of Business Administration degree from the University of Cincinnati. He is designated a Seabee Combat Warfare Specialist, a licensed Professional Engineer in the state of Virginia, and a certified Six Sigma Green Belt. Williams affiliated with the Navy Reserve in 2006. Williams' operational tours include assignments as engineering officer, Detail San Diego assistant officer in charge, and Air Detachment officer in charge, Naval Mobile Construction Battalion 3; officer in charge, Construction Battalion Unit 427; operations department, 1st Naval Construction Division; current operations officer, 1st Naval Construction Regiment; and executive officer, Naval Mobile Construction Battalion 27. His contingency tours include deployments in support of Naval Mobile Construction Battalion 3's mission with Joint Task Force Shining Hope and Task Force Falcon; 1st Naval Construction Regiment's mission with Operation Iraqi Freedom and Operation Enduring Freedom; and officer in charge, Cooperative Security in Jebel Ali, Arab Emirates.

His facilities and staff tours include assistant public works officer, Naval Base Coronado; assistant resident officer in charge of construction, Naval Base San Diego; staff engineer, U. S. Southern Command; staff engineer, Naval Facility Engineering Command Contingency Engineering Unit; and deputy chief of staff, Naval Facilities Engineering Systems Command Headquarters. Williams has previously commanded Naval Mobile Construction Battalion 14 and 1st Naval Construction Regiment.

His decorations include the Legion of Merit, Meritorious Service Medal (three awards), Joint Service Commendation Medal, Navy and Marine Corps Commendation Medal (three Awards), Navy and Marine Corps Achievement Medal (two Awards), Army Achievement Medal, and numerous unit and campaign awards.





# NCTF-RH Directors

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**Sherri Eng (Richmond, VA)**

**NCTF-RH Title/Duties: Executive Director**

Sherri attended the University of Mary Washington in Fredericksburg, VA and obtained a B.S. in Chemistry. She started her career as a State Regulator working environmental issues and has over 30 years of experience working for the Department of the Navy at various locations throughout the United States. Sherri and her family are longtime residents of the island, and she loves being a mother and wife.



**Milt Washington, CAPT, U.S. Navy (New Orleans, LA)**

**NCTF-RH Title/Duties: Operations Officer**

Captain Washington earned a BS in Mechanical Engineering from Southern University, Baton Rouge, LA & also holds a Master of Arts in Defense Strategic Studies from the Naval War College, Providence, RI. Washington completed two tours of duty in support of Iraqi Freedom. His last operational tour was as Commander of the 7<sup>th</sup> Naval Construction Regiment. He is a registered Professional Engineer in California.



**Darrel Frame, CAPT, U.S. Navy (Renton, WA)**

**NCTF-RH Title/Duties: Facilities Director (acting)**

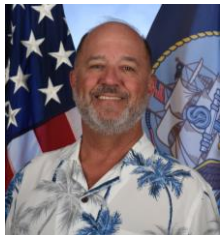
Captain Frame is a Seabee Combat Warfare Officer, and a prior enlisted Nuclear Machinist's Mate. He has also worked with the Manchester Fuel Depot in Manchester, Washington, the Red Hill Program Management Office, as INDOPACIFIC Command's Staff Engineer, and most recently Naval Facilities Engineering Systems Command, Hawai'i.



**Meagan Ostrem (Ka'a'awa, HI)**

**NCTF-RH Title/Duties: Strategic Engagement**

A graduate of Kahuku High School and Oregon State University with a degree in environmental science. Meagan's career has included private environmental consulting supporting complex infrastructure engineering projects and working with the Department of Defense across the Pacific. She is passionate about environmental conservation and is dedicated to fostering meaningful relationships between the Hawai'i community and military organizations.



**Scott Malcom (Austin, TX)**

**NCTF-RH Title/Duties: Director of Public Affairs**

Scott spent a lifetime in the Army, serving as a helicopter pilot, logistician and troop commander before earning a Master's Degree in Technical Communication and becoming a military public affairs officer. Scott and his family are new to Hawai'i and enjoy learning about the culture and experiencing its beauty up close and personally.



**Milton Johnston, MPA, P. G. (Chesapeake, VA)**

**NCTF-RH Title/Duties: Environmental Director**

Milt is a Professional Geologist who brings decades of state environmental regulatory experience to NCTF from his position with Virginia DEQ. He recently served as the NAVFAC HQ's waste management SME for the Red Hill Defuel and Closure Planning efforts and provides compliance oversight of all Navy Hazardous Waste Management activities worldwide.

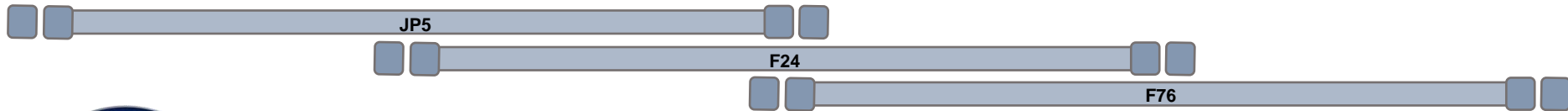


# Pipeline Removal

- Three pipelines will be removed during decommissioning
- The Navy will drain all residual fuel from the pipelines with robust containment measures prior to any removal
- Pipelines will be safely cut, removed, and transported in accordance with all applicable laws and regulations
- The Navy's contractor will ensure proper disposal or recycling of the removed pipelines



During decommissioning, Red Hill pipelines are estimated to contain approximately 4,000 gallons of residual fuel



If extended end-to-end, the total length of pipelines would match the distance from Pearl Harbor to Diamond Head.



**APPROXIMATELY 10 MILES OF PIPELINE WILL BE REMOVED**



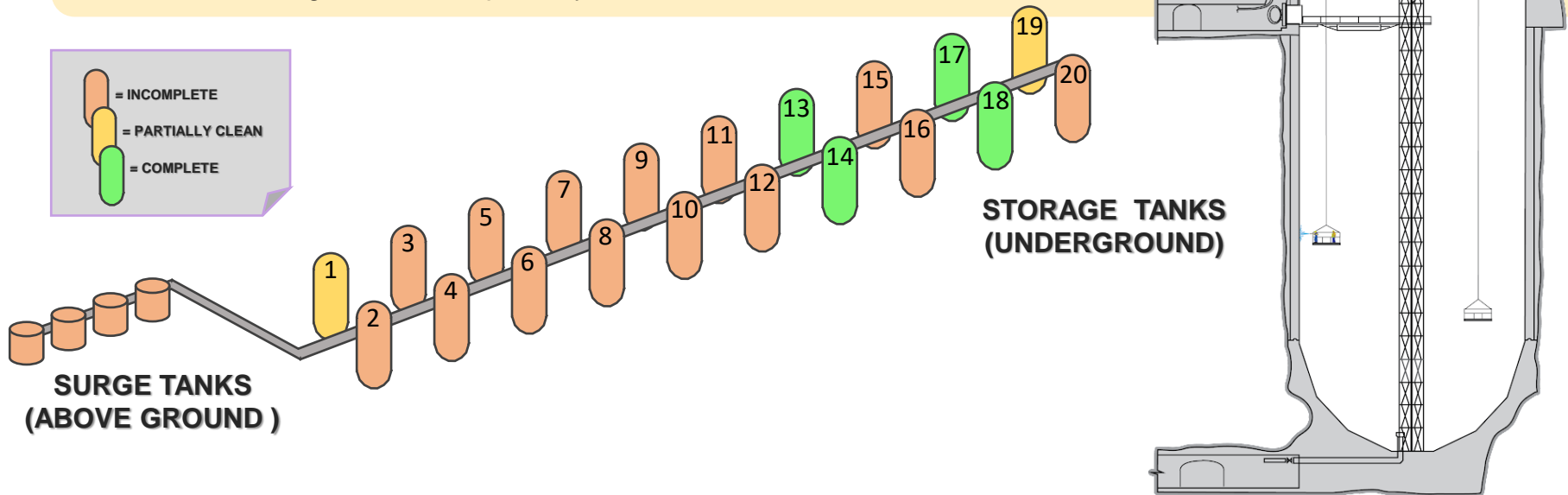


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# Tank Cleaning

There are 20 Storage Tanks and 4 Surge Tanks:

- 4 Storage Tanks are already cleaned
- 2 Storage Tanks are partially cleaned



- Tanks will be cleaned in multiple phases, two at a time
- Each pair will take ~ 9 months to clean, including set up of cleaning and safety equipment
- Safety is paramount! – MAXIMUM precautions are being taken to ensure compliance with safety standards both for personnel and the environment

**ALL STORAGE TANKS WILL BE SAFELY CLEANED PRIOR TO CLOSURE**



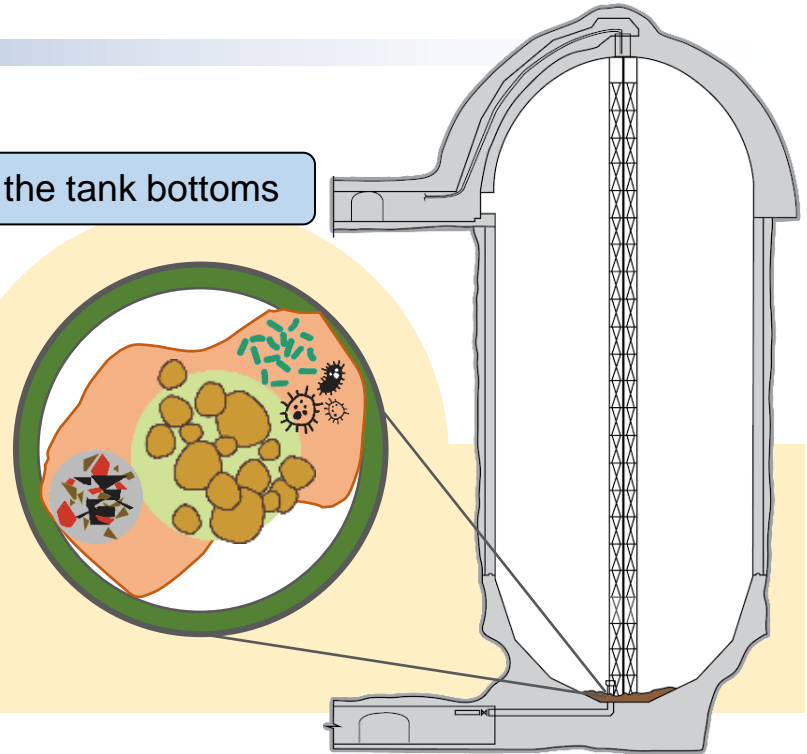
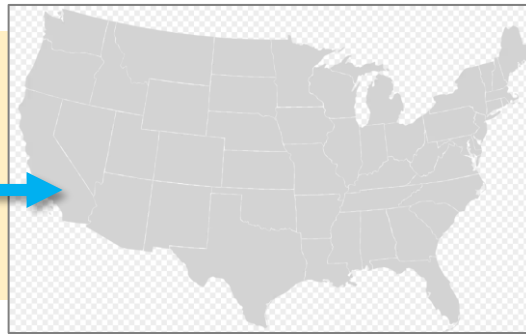
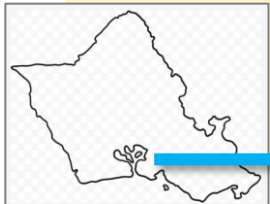
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# Sludge Removal

There is approximately a total of 28,000 gallons of sludge in the tank bottoms

- Sludge is common in all fuel tanks
  - Mixture of dirt and water, but also metal particles, and microorganisms that consume fuel products

## Disposal Route



- The sludge will be removed, containerized, and shipped to the continental U.S. according to applicable hazardous waste regulations.
- A company that specializes in the safe disposal of hazardous waste will take custody of the sludge at the final destination.
- The sludge is expected to be disposed into a hazardous waste landfill.
- The Navy will track the sludge to its final destination.

**THE NAVY WILL TRACK THE SLUDGE FROM REMOVAL TO DISPOSAL**

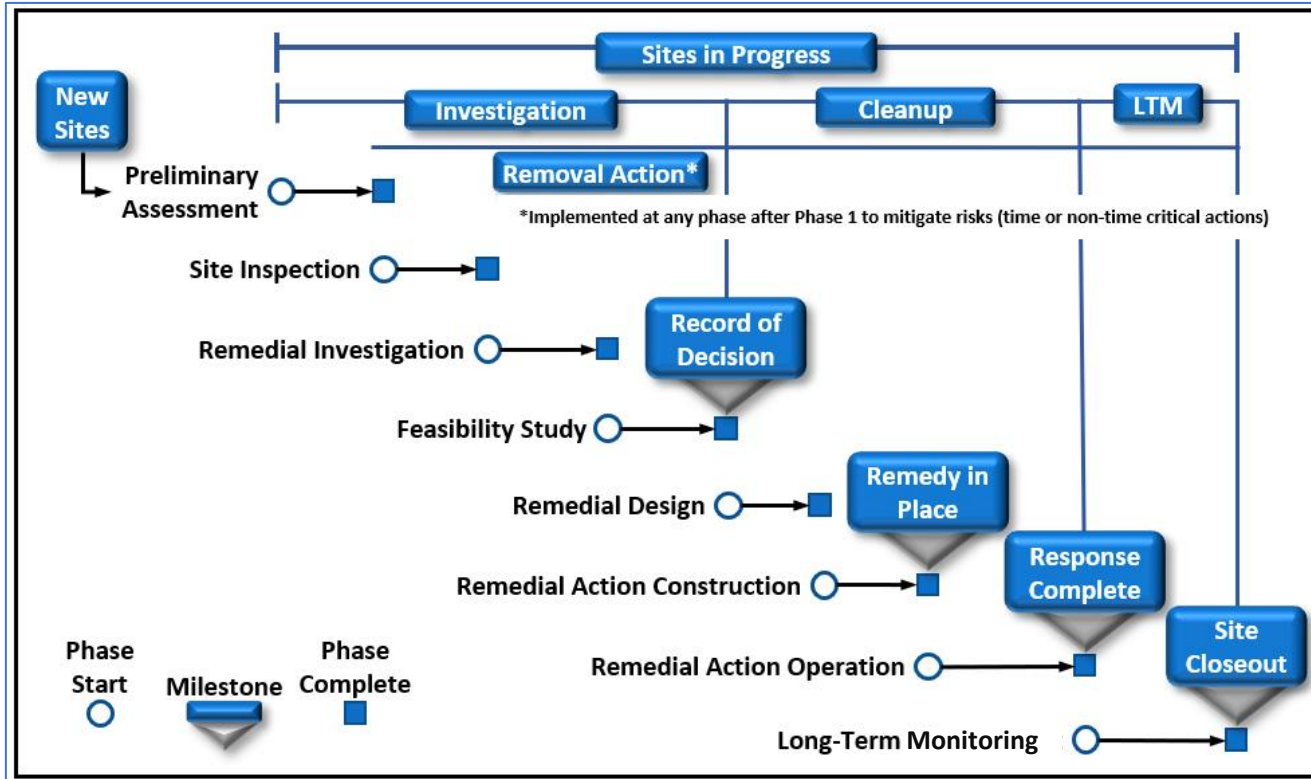




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# Remediation

## DISCOVER-ANALYZE-IDENTIFY



Navy personnel and contractors work to remediate soil and monitor water samples at numerous sites near Red Hill.

- Remediation is a long-term process of cleaning the affected and surrounding areas around Red Hill to protect our natural resources and human health, and will take many years in close coordination with the EPA and Hawai'i DOH.
- Focus areas include: groundwater monitoring, monitoring well network expansion; soil vapor monitoring and remediation pilot studies; restoration of the Red Hill Shaft; groundwater modeling studies; and remediation of PFAS.

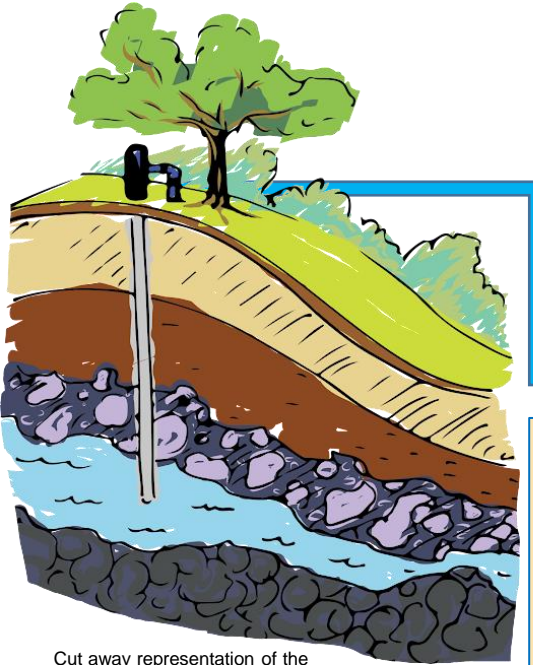
**REMEDIATION ACTIVITIES BEGAN IN 2021 AND WILL CONTINUE FOR YEARS**



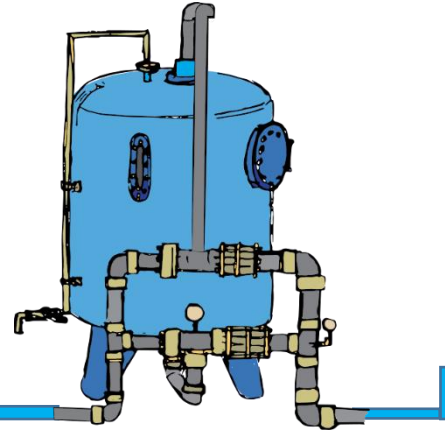


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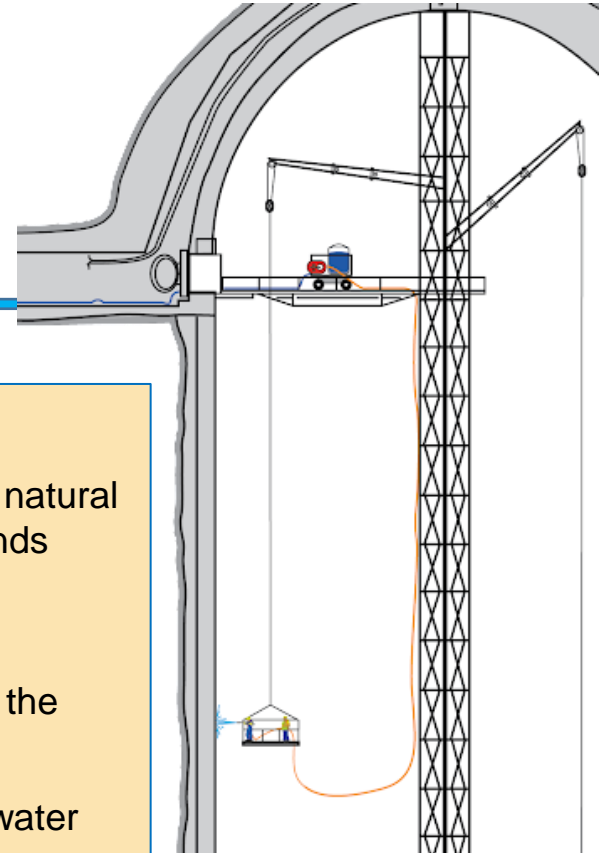
# Granular Activated Carbon (GAC) Filter



Cut away representation of the Red Hill Aquifer



- GAC filters are useful for the removal of natural organic matter, volatile organic compounds (VOCs), synthetic organic compounds and disinfection byproduct precursors.
- We will use the GAC-treated water from the Red Hill aquifer to clean the tanks.
- These filters have been in use to clean water from the Red Hill aquifer for nearly two years.



**GAC-TREATED WATER WILL BE USED FOR TANK CLEANING**



Read more at EPA: Overview of Drinking Water Treatment Technologies



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# Drinking Water Long-Term Monitoring

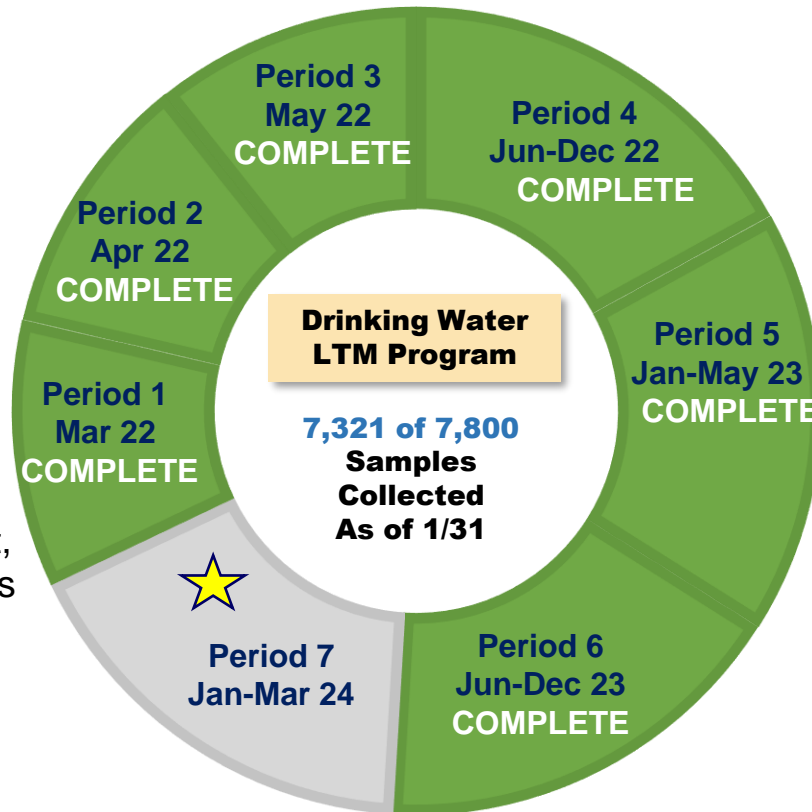
## Continued Commitment to Enhanced Testing

- After LTM program ends
- Focused on further sampling/testing

## DW LTM

- Began March 2022
- >65% Homes Sampled
- Prioritized, random sampling
- Periodic sampling: Waiawa Shaft, CDCs, Schools, Medical Facilities
- Sample requests (Rapid Response)
- Results available to the public

Visit the Safe Waters website for more information



## “SWARM” Team

- Drinking Water subject matter experts from Navy, DOH, and EPA
- Root-cause analysis of TPH detections
- Provide recommendations

## Premise Plumbing Investigation

- Home plumbing, water heaters testing
- Coordinated with EPA and DOH

**MAINTAIN ENHANCED WATER QUALITY ASSURANCE OVERSIGHT.  
CONTINUED COLLABORATION WITH REGULATORY AGENCIES.**

For questions, call 808-321-7692 | To request sampling, call 808-449-1979



# Aqueous Film Forming Foam (AFFF)

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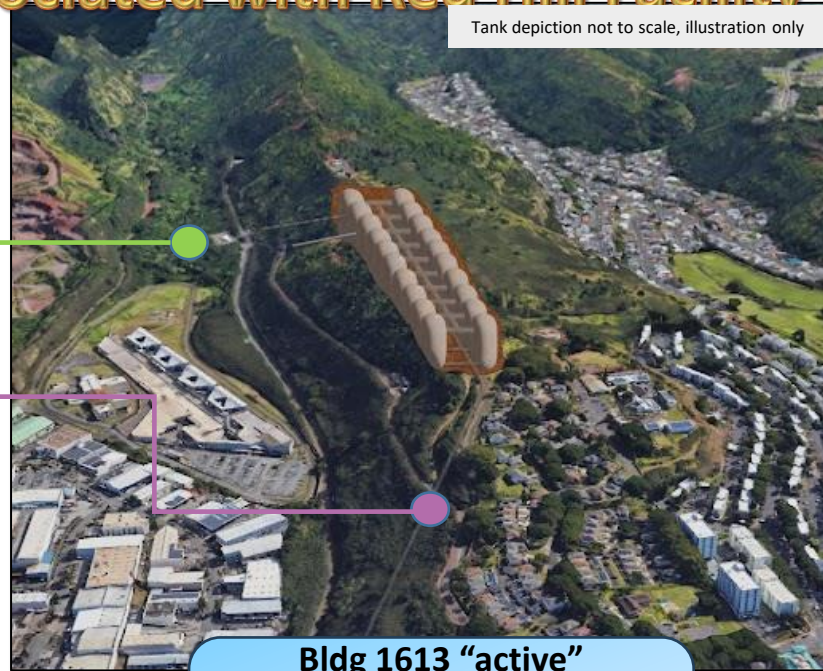
## AFFF Locations associated with Red Hill Facility

### Bldg 313 “empty”

- 1300 gallons of AFFF concentrate released in mishap in Nov 2022
- 200 gallons AFFF concentrate removed from feeder pipe

### Lower Access Tunnel

- 900 gallons AFFF concentrate in header; scheduled for removal



Tank depiction not to scale, illustration only

### Bldg 1613 “active”

- 4000 gallons AFFF concentrate\*
- Supplies Underground Pump House (UGPH)

### Bldg 1554 “active”

- 50 gallons AFFF concentrate\*
- Supplies Upper Tank Farm (UTF)

*\*awaiting replacement with new formulation pending production availability*