

2023 Consent Order

Between the United States EPA and Navy

Defueling, closure, and Joint Base Pearl Harbor-Hickam drinking water system administrative consent order



Webinar Series

The U.S. Environmental Protection Agency and the Hawai'i Department of Health are hosting the Red Hill In Focus Webinar Series to present information to the public on what agencies are doing to address impacts to human health and the environment from Red Hill Bulk Fuel Storage Facility releases.

For webinar series information, visit
www.epa.gov/red-hill/red-hill-webinar-series

Zoom Webinar Functions

Please use the Q&A window to ask questions

If you have audio issues, try clicking the Audio Settings icon to choose a different audio source.

Click the “Audio Settings” icon on your screen and select an audio source

The screenshot displays a Zoom Webinar interface. At the top, the title bar reads "Zoom Webinar". The main content area is dark with a pink square containing the letter "M". In the bottom-left corner, the name "Miranda Maupin" is visible above a microphone icon, which is circled in yellow. In the bottom-right corner, there are icons for "Chat" and "Q&A", with the "Q&A" icon circled in red. A "Leave" button is located in the bottom-right corner. A "Question and Answer" window is open on the right side, outlined in red. This window has tabs for "All questions (2)" and "My questions (2)". It shows two questions: one from "Skeo IT (You)" at 12:50 PM with the text "Public question example", and one from an "Anonymous Attendee" at 12:50 PM with the text "Anonymous question example". Below the questions is a text input field labeled "Type your question here...". At the bottom of the window, there is a checked checkbox for "Send anonymously", a "Cancel" button, and a "Send" button. At the very bottom of the window, there is a link that says "Who can see your questions?".

Webinar Agenda

1. Introduction
2. Consent Order Community Engagement
3. Overview of 2023 Consent Order
4. How Public Comments were Incorporated into Final Order
5. Community Representation Initiative
6. Questions and Answers

Community Engagement on Consent Order

- January 18, 2023 – EPA hosted public meeting
- January 19, 2023 – Town Hall
- During the public notification period, the EPA conducted virtual meetings with stakeholder community representatives, including the Honolulu Board of Water Supply (BWS), O‘ahu Water Protectors, and Sierra Club

Overview of the 2023 Order – Defueling and Closure Timeline

- Defueling is a requirement of the Consent Order.
- Consent Order requires Navy and DLA to remove fuel from the underground storage tanks, surge tanks, and pipelines.
- Based on the Defueling Plan Supplement, JTF will begin defueling by October 2023 and remove almost all of the fuel by January 19, 2024.
- Fuel transferred into tankers and relocated to approved locations.



Overview of the 2023 Order – Defueling and Closure Timeline (cont.)

- The 2023 Consent Order requires the Navy and DLA to permanently close the tanks in accordance with HDOH regulations which require emptying and cleaning of the tanks and permanently closing the tanks by either:
 - 1) Removing the underground storage tank or tank system from the ground.
 - 2) Filling the underground storage tanks or tank system with an inert solid material.
 - 3) Closing the underground storage tanks in place in a manner approved by the EPA.

Overview of the 2023 Order - Drinking Water

- The 2023 Consent Order will safeguard drinking water quality at the Red Hill Shaft and all Joint Base Pearl Harbor-Hickam well sites.
- Implement a Long-Term Drinking Water Monitoring Plan.
- Conduct comprehensive infrastructure assessments and implement operational improvements of the Joint Base Pearl Harbor-Hickam Drinking Water System.



Revisions to 2023 Consent Order to address public comments

- Requirements to meet the deadlines and milestones in the Navy's modified Defueling Plan.
- Enhanced public involvement in decisions relating to defueling and closure of the Red Hill tanks and impacts to drinking water.
- Formation of a Community Representation Initiative which will meet monthly with Navy, DLA, JTF and EPA officials to receive updates and provide input into key decisions.

Revisions to 2023 Consent Order to address public comments (Cont.)

- A commitment to seek additional input from local technical experts, including the Honolulu Board of Water Supply.
- Incorporation of the perspectives and insights of the cultural significance of the aquifer to Native Hawaiians and Hawai'i residents.
- Additional spill reporting requirements to ensure Navy and DLA report any spill to the Community Representation Initiative and the public via posting on the Navy's website within 24 hours.

Accountability for Navy and DLA

- Consistent with EPA imminent and substantial endangerment orders at other sites, the 2023 Consent Order is focused on the future work necessary to protect human health and the environment.
- The 2023 Consent Order is focused on defueling, closure, and assuring safe drinking water.
- The ongoing investigation and any necessary cleanup of Red Hill releases are currently being addressed pursuant to the 2015 Administrative Order on Consent. Alternatively, investigation and clean up may be addressed by the 2023 Consent Order.

Permanent Closure of Red Hill

- The EPA acknowledges concerns over timely closure and potential reclamation of Red Hill.
- The Navy distributed a survey seeking public input on tank closure and whether and how they could be beneficially reused.
 - Repurposing survey comments were received through May 31, 2023.
 - Interim results were shared during the June FTAC meeting.
 - Final results will be provided during the November FTAC meeting.



Aqueous Film Forming Foam (AFFF) and Per- and Polyfluorinated Substances (PFAS)

- The EPA acknowledges concerns surrounding releases of AFFF and PFAS to the environment at Red Hill
- The EPA is committed to ensuring that the 2022 AFFF release is properly investigated, characterized, and remediated.
- The Navy is addressing PFAS at Red Hill pursuant to both the 2015 Administrative Order on Consent and the Pearl Harbor Federal Facility Agreement.

AFFF and PFAS– Water Quality

- Navy will provide to EPA Phase I of the Source Water Protection Plan, which will provide a description of the protective measures to be in place for Red Hill Shaft through Defueling.
- As of March 31, 2023, groundwater testing of PFAS has shown no exceedances of Hawaii’s Environmental Action Levels.
- On January 31, 2023, EPA and HDOH requested PFAS sampling of drinking water sources for the JBPHH water system.

Red Hill Groundwater Results app:



Hawai'i Department of Health May 2022 Emergency Order and EPA's 2023 Consent Order

- HDOH determined that it could best serve Hawai'i by proceeding under its own Emergency Order.
- The 2023 Consent Order was structured to support the HDOH May 2022 Emergency Order.
- The 2023 Consent Order does not limit the HDOH's May 2022 Emergency Order.

Community Representation Initiative Development

- The Community Representation Initiative independently represents the interests of the community.



Roles and Responsibility of Community Representation Initiative Members

- Attend monthly meetings.
- Review Red Hill information including technical documents, proposed and final plans, status reports, and contractor reports.
- Provide input on decisions related to Defueling, Closure, and Drinking Water.
- Represent views of the public to the Community Representation Initiative group and share information with your network.

Roles and Responsibilities for the Community Representation Initiative

- How Community Representation Initiative will coordinate with Navy, DLA, JTF, EPA:
 - Receive briefings from Navy, DLA and JTF on progress in Defueling, Closure, and Drinking Water protection.
 - Navy, DLA, and JTF will attend Community Representation Initiative meetings to present regular updates, provide presentations on topics requested by the group, and receive comments on key aspects of the projects' progress.
 - EPA and DOH to participate in Community Representation Initiative meetings.

Community Representation Initiative Member Selection Process

- Community will nominate and vote for ten (10) CRI members based on Scoping Meeting discussion.
- Community Representation Initiative In-person **Informational & Scoping Meeting**: Week of July 27th (timing and location details to come)



Questions?

Additional Resources and Agency Contacts

- For information about EPA and DOH work on Red Hill:
 - Sign up for EPA's Red Hill email list:
www.epa.gov/red-hill/forms/red-hill-email-distribution-list
 - Sign up for HDOH's Red Hill email list:
health.hawaii.gov/ust/ust-home-test/ust-red-hill-project-main/
 - Send messages to RedHill@epa.gov
 - Questions about Community Engagement: Smith.Dominique@epa.gov

Upcoming Webinars

Next webinar event will be announced shortly.

If there is a specific topic you would like covered in an upcoming webinar, please email RedHill@epa.gov with your suggestion.

**For webinar series information, visit
www.epa.gov/red-hill/red-hill-webinar-series**



Thank you