

EPA and DOH Oversight of Environmental Work at the Red Hill Facility

Fuel Tank Advisory Committee

June 6, 2023



DOH/EPA Environmental Oversight

Direct and oversee Navy investigation and remediation work

- Site assessment requirements before and after facility closure
- Independent analysis of groundwater and other site data
- Remedy evaluation, selection and implementation

Share data and communicate risk information to the public

Key Accomplishments Since Nov 2022 FTAC

Policy/Planning:

- 2015 AOC Clarification letter
- Requiring comprehensive environmental action schedule <https://jbphh-safewaters.org/>

Regular Subject Matter Expert Involvement (BWS, CWRM, USGS):

- Red Hill Remediation Roundtable (bimonthly)
- Subject Matter Expert Workshops (quarterly)

Made data and findings readily available and accessible to the public:

<https://www.epa.gov/red-hill>

- Red Hill in Focus Webinar Series on January & April
- Red Hill Groundwater Results Application released June 1st

Current Navy Environmental Activities

- Expanding Groundwater Monitoring Well Network
- Groundwater and Soil Vapor Monitoring
- Groundwater Flow Model
- Optimizing GAC Flow Rate at Red Hill Shaft
- Nov 2021 Release (ADIT 3) Investigation and Pilot Tests
- Nov 2022 AFFF Release (ADIT 6) Response and Investigation

Pending Navy Environmental Activities

- Sample all fuels currently stored in tanks and provide results
- Collect field data to inform:
 - Where a release might go
 - How fast a release might travel
- Increase soil vapor and groundwater sampling frequency during and until the completion of defueling
- Update Groundwater Protection Plan with:
 - Current risk-based screening levels
 - Contingencies to protect Aiea-Halawa Shaft, Moanalua Shaft, and Red Hill Shaft from potential releases
 - Triggers or trends that indicate release and require specific actions