



# NAVY CLOSURE TASK FORCE-RED HILL AIR QUALITY PROGRAM

## ENSURING SAFE AND COMPLIANT AIR QUALITY



### Air Modeling

- Air modeling was conducted in compliance with a Hawaii Department of Health (DOH) requirement to demonstrate sustained ambient concentrations of volatile organic compounds VOC during tank ventilation.
- The Navy's air modeling aligns with air quality standards set by the Environmental Protection Agency's modeling procedures, which involve developing, evaluating, and applying models to meet air quality management requirements.



### Degassing and Tank Ventilation

- The degassing process involves eliminating (VOCs) from the tank, and typically lasts 7-10 days.
- Degassing involves pushing clean air from the bottom of tank and exhausting tank air through a complex ventilation system via Adit 4 to an elevated exhaust just outside Adit 4.
- During tank cleaning operations, a forced ventilation system continuously pushes clean air inside the tank to provide a safe working environment.
- Workers wear air monitors during all operations as an added layer of safety protection.



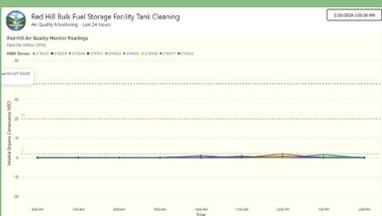
### Air Quality Monitoring

- The Navy remains committed to monitoring during ventilation to ensure protection to the community and the environment.
- Navy Closure Task Force-Red Hill has installed nine air quality monitoring (AQM) stations at the Red Hill Bulk Fuel Storage Facility (RHBFSF) perimeter including at the Halawa Correctional Facility to monitor air quality during degassing and tank ventilation operations.



### Notification

- If the air quality around the RHBFSF is above the approved environmental threshold of 38 ppmv set by the DOH, operations will immediately cease and the Navy will notify regulators and the public.
- If environmental thresholds are exceeded, additional notifications will be made to the Hawaii Emergency Management Agency and an ADHOC notification will be released.



### Reporting Data

- Fact sheets are available on the NCTF-Red Hill App and website. The App is available for download by visiting the Apple Store, Google Play, or scanning the QR codes.
- AQM Data will be posted routinely during tank ventilation operations, Monday - Friday.
- Report any concerns by contacting the Navy Call Center at (808) 210-6968.

