

# Senate-House Informational Briefing Red Hill Underground Fuel Storage Facility

7 March 2014



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# Agenda



- **Opening Statements**
- **Red Hill incident response**
  - Details and timeline
  - Unified Command
- **Water quality**
  - **Water is safe to drink**
  - Test results
- **Way ahead**
  - Inspection
  - Near- and long-term commitments



# Opening Statements



- CAPT Mark Wheeler
  - Commanding Officer, Fleet Logistics Support Center
  - LCDR Angela Watson
- CAPT Mike Williamson
  - Commanding Officer, Naval Facilities Engineering Command, Hawaii
  - Mr. Aaron Poentis



# Red Hill Tank 5

## Incident Response



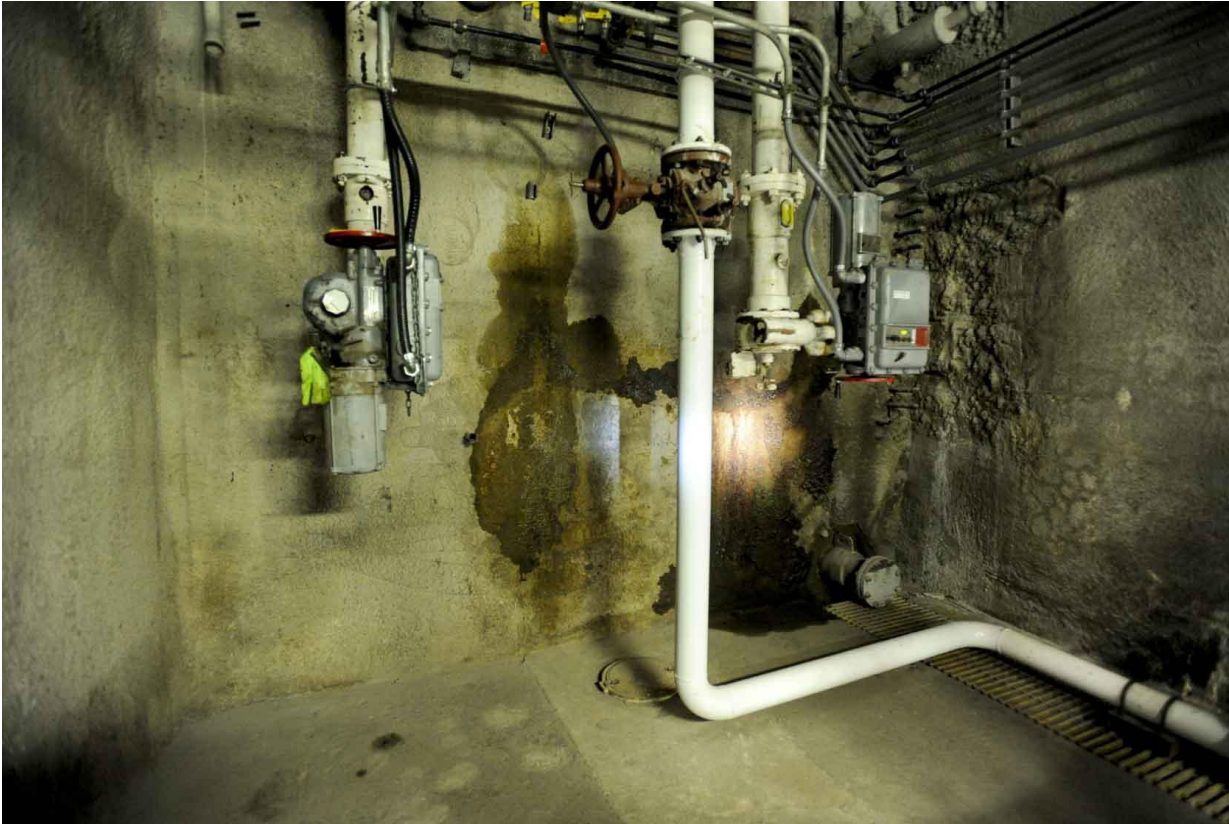
- Detected discrepancy in tank's monitored level on Jan. 13
  - Manual measurements also indicated possible fuel loss
  - Immediately began transfer to another tank per response procedures
  - Unified command stood up: Navy, State DOH and HBWS
  - Joint (Navy, DOH, HBWS) press conference Jan. 16
  - Initial estimate 20,000 gallons, revised to 27,000 gallons
  - “Fingerprint” testing of wet spot on cement wall confirmed same as tank
  - Tank 5 confirmed empty on Jan. 18





# Red Hill Tank 5

## Stain indication on wall



HONOLULU (Jan. 17, 2014) -- A close-up of the wet spot in the concrete below Tank 5 at the Red Hill Underground Fuel Storage Facility. The wet material matched the jet fuel that was emptied from Tank 5 last week. The floor drain in lower right captures spilled material before it enters the environment. (U.S. Navy photo by Senior Chief Mass Communications Specialist Michael B. Lewis)



# Water Quality

## Drinking Water Remains Safe

- Results of laboratory tests indicate City and Navy drinking water sources continue to meet federal regulatory Safe Drinking Water and State of Hawaii standards, and the water is safe to drink.

## HBWS initially shut down 5 wells, Navy shut down 1

- Test results from five drinking water wells in the vicinity taken by HBWS show no fuel contamination, reopened 21 Jan. Navy shaft tests also showed no fuel contamination, reopened on February 6, 2014.

## Required DOH press release on Feb. 5 unrelated

- Routine Navy tests found small amounts of lead and other contaminants in the Red Hill drinking water shaft. SDOH required public notice with press release on Feb. 5. Not related to reported leak in Tank 5, which contained no leaded fuel. Lead was found up to 2 ppb; allowable limit is 15 ppb. Source remains unknown.



# Way Ahead

## INSPECTION AND INVESTIGATION

- Preparation, cleaning, inspection, repair, and recertification of the tank is contracted by the Navy
- Contract requirements based on DoD Unified Facilities Criteria and American Petroleum Institute guidelines
- Prime contractor who did original inspection and repair is now mobilizing to stage and install equipment to prepare the tank.
- Air samples will be taken until it is safe to enter. Contractor will install devices needed to access tank's interior, electrical and lighting needed to perform the inspection.
- Detailed visual inspection is expected to begin in April.



# Way Ahead

## NEAR-TERM NAVY COMMITMENTS

- Contract award to update Fate and Transport Model and update the Ground Water Protection Plan – MARCH 2014
- Add additional monitoring wells, north and south of Red Hill Tank Complex
- Collect additional investigative boring samples; assess volume and movement of contaminants with the goal of informing need to, and best means of, performing environmental remediation
- Incorporate findings of Tank 5 inspection and ongoing investigation to revise tank testing/repair/re-commissioning protocols for future tank repairs





# Way Ahead

## LONG-TERM NAVY COMMITMENTS

- Establish chartered Task Force consisting of HBWS, State DOH and Navy to monitor near term progress, continue to collaborate and share info to ensure public safety of our drinking water
- Continue to assess best available technology to model, monitor, remediate contaminants associated with bulk storage and fueling operations at Red Hill
- Navy will continue planning efforts for a water treatment plant military construction project, as an additional safeguard to ensure safe drinking water into the foreseeable future.

# Mahalo Nui Loa

