

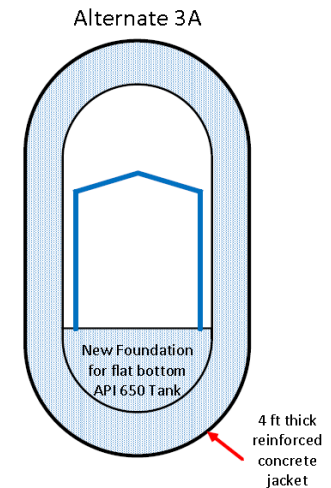
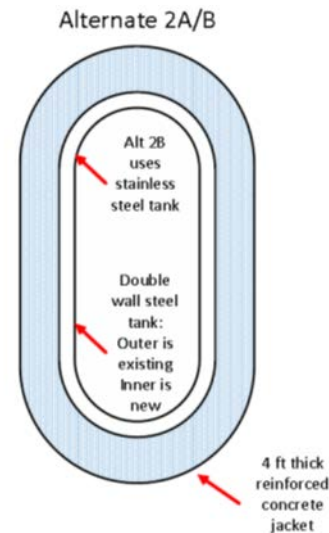
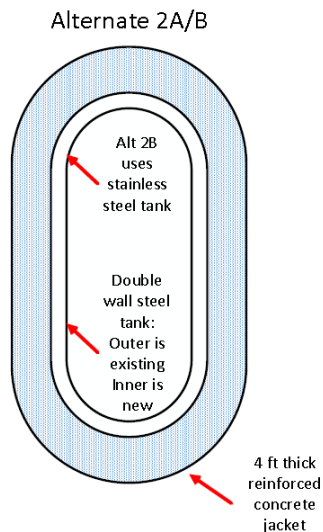
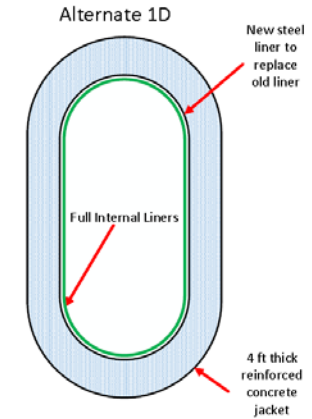
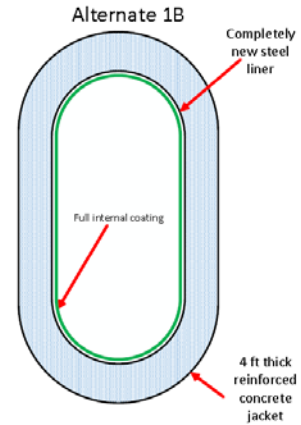
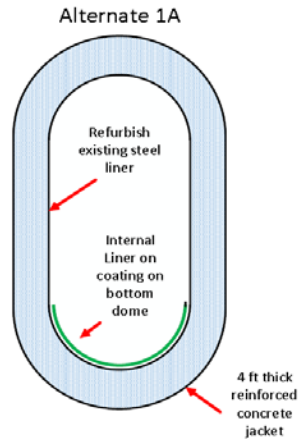
# **Red Hill Bulk Fuel Tank Facility AOC Update**

**Department of Health**

**October 16, 2018**

# Update on Tank Upgrade Alternatives

- December 2017: Navy submitted the "TANK UPGRADE ALTERNATIVES (TUA) Report."
  - Provided concept level details (descriptions and graphics) of six alternatives.



## **Update on Tank Upgrade Alternatives**

- **May 2018: EPA and DOH accepted the TUA Report, providing expectations for decision meetings and Navy's Decision Document.**
- **July 2018: Decision meetings began, including of meetings week of August 13 with stakeholders.**
- **December 2018: Anticipated delivery of Navy's TUA Decision Document.**

# Update on New Release Detection

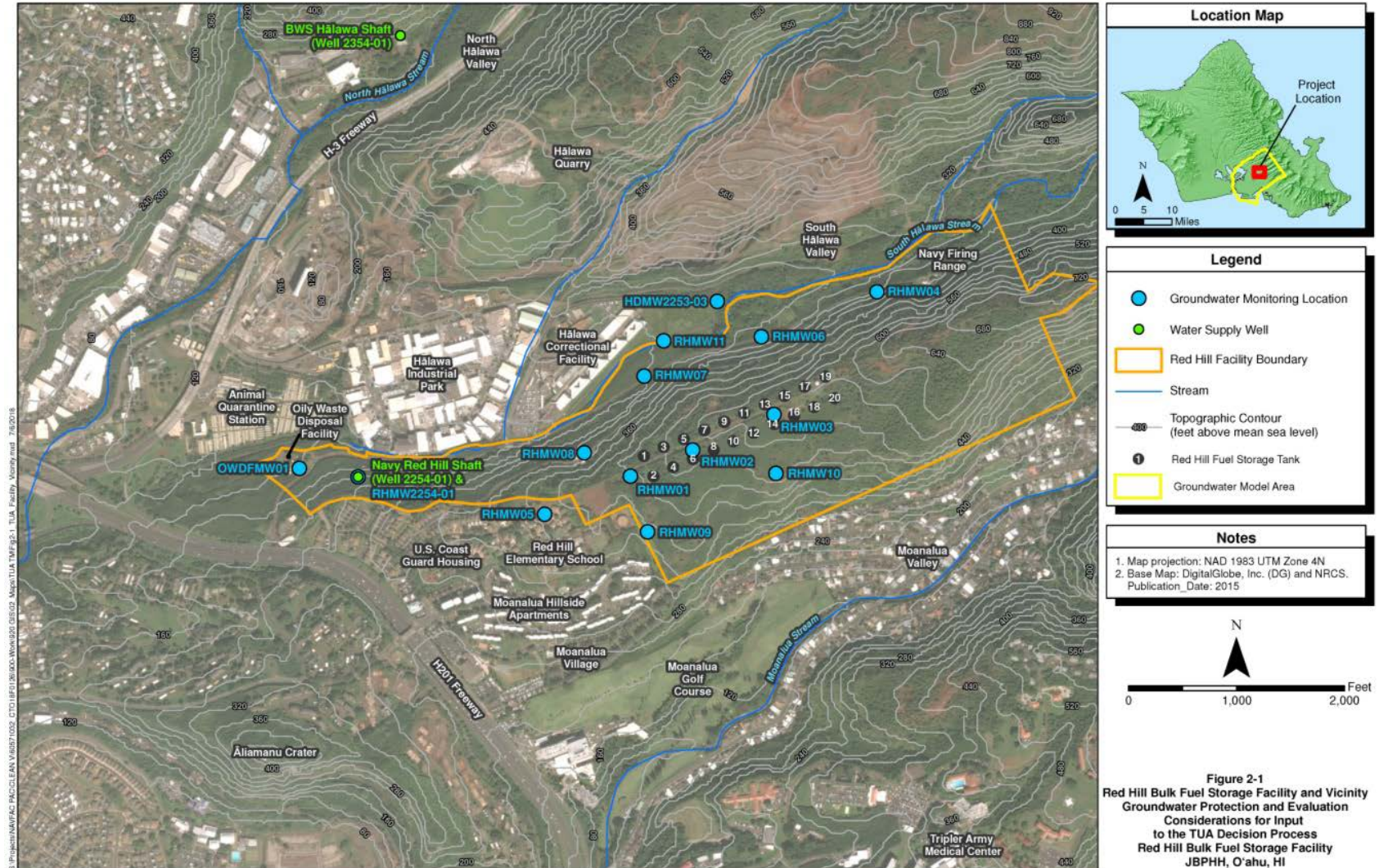
- **January to March, 2018:** Navy blind tested three potential leak detection equipment, with a total six different systems or configurations.
- **July 2018:** Navy submitted “NEW RELEASE DETECTION ALTERNATIVES REPORT.”
  - Identifies two systems that provide better accuracy than current regulations, at <0.5 gallons/hour leak detection rate.
- **August 30, 2018:** EPA and DOH accepted Report, providing expectations for decision meetings and Navy’s Decision Document.
- **December 2018:** Anticipated delivery of Navy’s New Release Detection Decision Document.

# Update on Corrosion Evaluation

- **Week of June 18, 2018: Navy removes 10 coupons from Tank 14.**
  - **To evaluate the in field performance of the non-destructive testing program designed to characterize the condition of the steel plate**
  - **To conduct on-site and laboratory tests on the concrete exterior and steel liner**
- **October 2018: Navy anticipates to receive preliminary laboratory data.**
- **December 2019: Anticipated delivery of Destructive Testing Results Report**

# • Groundwater Monitoring Well Network

## Update on Groundwater Evaluation



## **Update on Groundwater Evaluation**

- **2017 and 2018: Groundwater Modeling Working Group met 13 times.**
- **July 2018: Navy submitted, “RED HILL INTERIM CONCEPTUAL SITE MODEL” and “RED HILL INTERIM GROUNDWATER FLOW MODEL”**
- **December 2018: Anticipated delivery of Navy’s Groundwater Flow Model Report and Investigation and Remediation of Releases Report**

## **Update on Risk Assessment**

- **December 2017: Navy held Interim Progress Review Meetings with EPA, DOH and Subject Matter Experts.**
- **November 2018: Anticipated delivery of Phase I of the Risk Assessment**
- **February 2018: Navy submitted, “RED HILL ALTERNATIVE LOCATIONS STUDY”**