STATUS OF TRUST LANDS AFFECTED BY UXO ISLAND OF HAWAII

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Topics

- FUDS Program / CERCLA Process
- Former Waikoloa Maneuver Area
  - Kawaihae, Lalamilo Phase 1
  - Puukapu/Kuhio Village
  - Lalamilo Phase 2
- Public Education: 3Rs of UXO Safety
Formerly Used Defense Site

- The Department of Defense is committed to protecting human health and the environment and improving public safety by cleaning up environmental contamination at former military properties.

- Formerly Used Defense Sites (FUDS) Program
  - Established by Congress in the mid-1980s cleans up properties formerly used by the military services.

- The Army is the DoD Executive Agent for FUDS,
  - The U.S. Army Corps of Engineers is responsible for carrying out the program.
CERCLA Process

- Preliminary Assessment (PA)/Site Inspection (SI)
- Remedial Investigation/Feasibility Study (RI/FS)
- Proposed Plan (PP)
- Decision Document (DD)
- Remedial Design/Remedial Action (RD/RA)
- Remedy-in-Place/Response Complete (RIP/RC)
- Long Term Management (LTM)

Comprehensive Environmental Response, Compensation & Liability Act

- Engineering Evaluation/Cost Analysis (EE/CA)
- Removal Actions (Non-Time Critical Removal action/Time Critical Removal Actions)

Decision Document (DD)
Proposed Plan (PP)
Remedial Investigation/Feasibility Study (RI/FS)
Remedial Design/Remedial Action (RD/RA)
Remedy-in-Place/Response Complete (RIP/RC)
Long Term Management (LTM)
Kawaihae & Lalamilo Phase 1

DHHL Properties in Sector 16 With Active Remedial Investigations
Kawaihae & Lalamilo Phase 1

Legend
DGM Anomaly Intrusive Results:
- Munitions Debris
- Range Related Debris
- Small Arms
- Other Debris/Other
- Shared Target
- Mineralized Soil
- Hot Rock
- Nothing Found
- QC Seed

Hand grenade munitions debris
Way Forward

Kawaihae & Lalamilo Phase 1 (Sector 16)
Puukapu / Kuhio Village (Sector 15)

► Remedial Investigation fieldwork complete
► Data analysis complete
► Remedial Investigation report written – responding to Regulator comments (Jun 2019)
summarize nature and extent of Munitions and Explosives of Concern
► Develop Feasibility Study (if necessary) Aug 2019
evaluate all remedial alternatives and identify a Preferred Remedy for each site
► Develop Proposed Plan for remediation (Nov 2019)
presents the Preferred Remedy for each site. This document will be released for a 30-day public review
► Decision Document (Mar 2020)
Lalamilo Phase 2 (B,O,Q,J-Cleared)

- Start Remedial Action (UXO clearance) fieldwork for Area B,O,Q,J-Cleared next month, June 2019
- Prioritized work in Lalamilo Phase 2A, Increment 1 uninvestigated area, and will start fieldwork there
- Looking to conduct Post Removal Verification and close out remainder of Lalamilo Phase 2, where previous removal action was conducted
- Looking to write separate Remedial Action Report (RAR) for Lalamilo Phase 2 to expedite development progress
Practice the 3Rs of Unexploded Ordnance Safety:

- **RECOGNIZE** when you may have come across a munition and that munitions are dangerous
- **RETREAT** by carefully leaving the area - DO NOT touch, move, or disturb the item
- **REPORT** what you saw and where you saw it to local law enforcement – call 911.