

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



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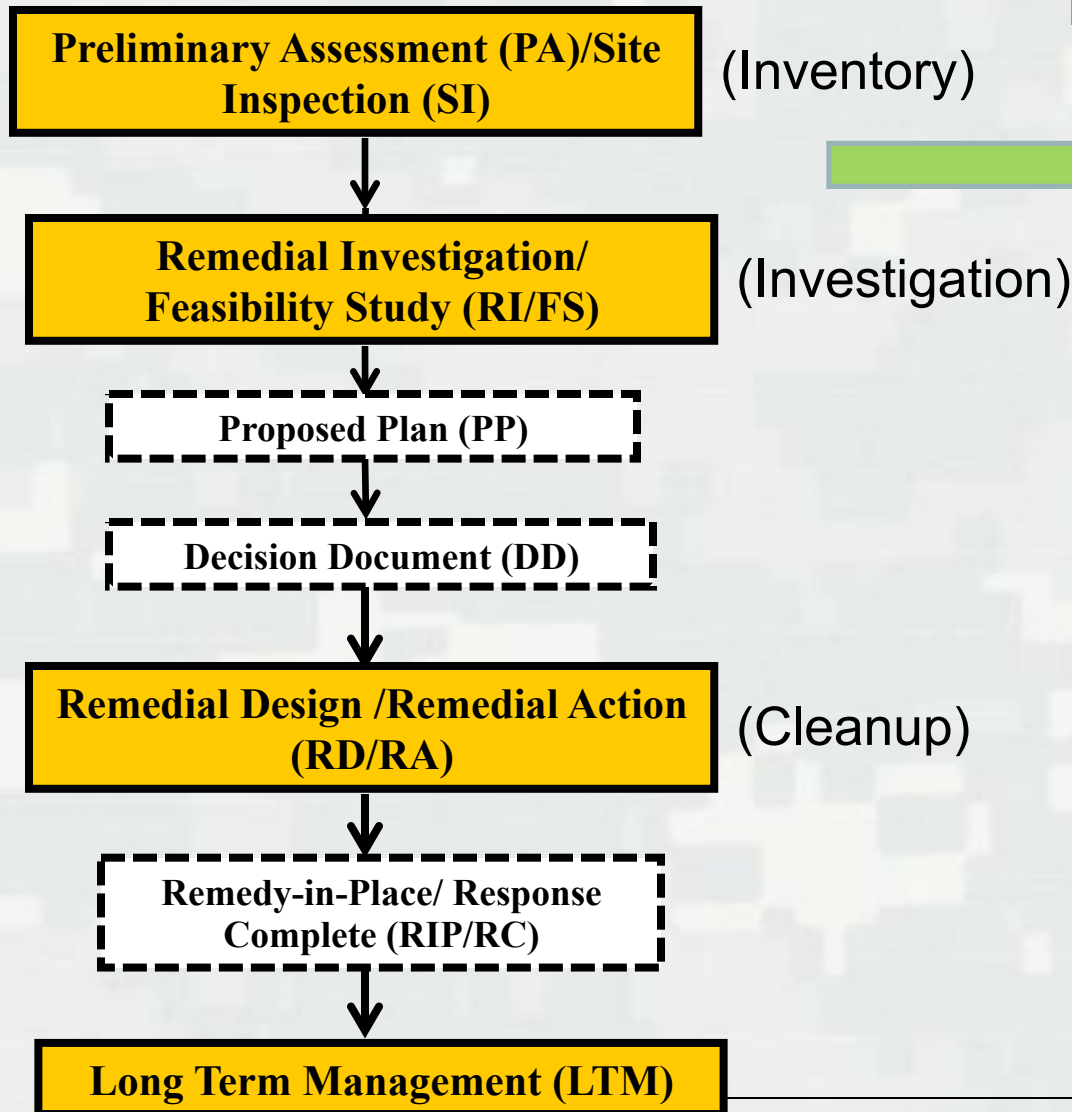
Formerly Used Defense Site

- 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.

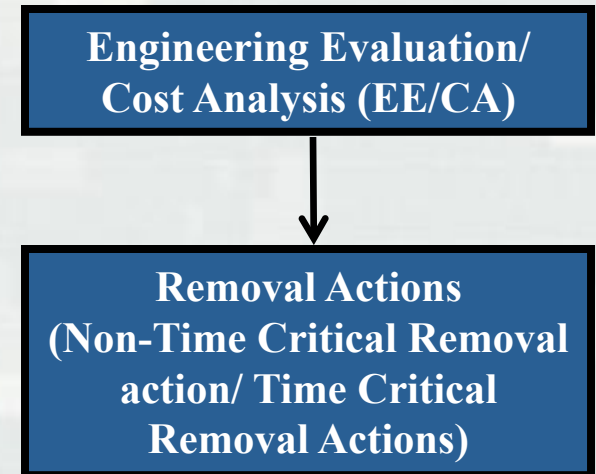


Comprehensive Environmental Response, Compensation & Liability Act

CERCLA Process



Removal Action Process



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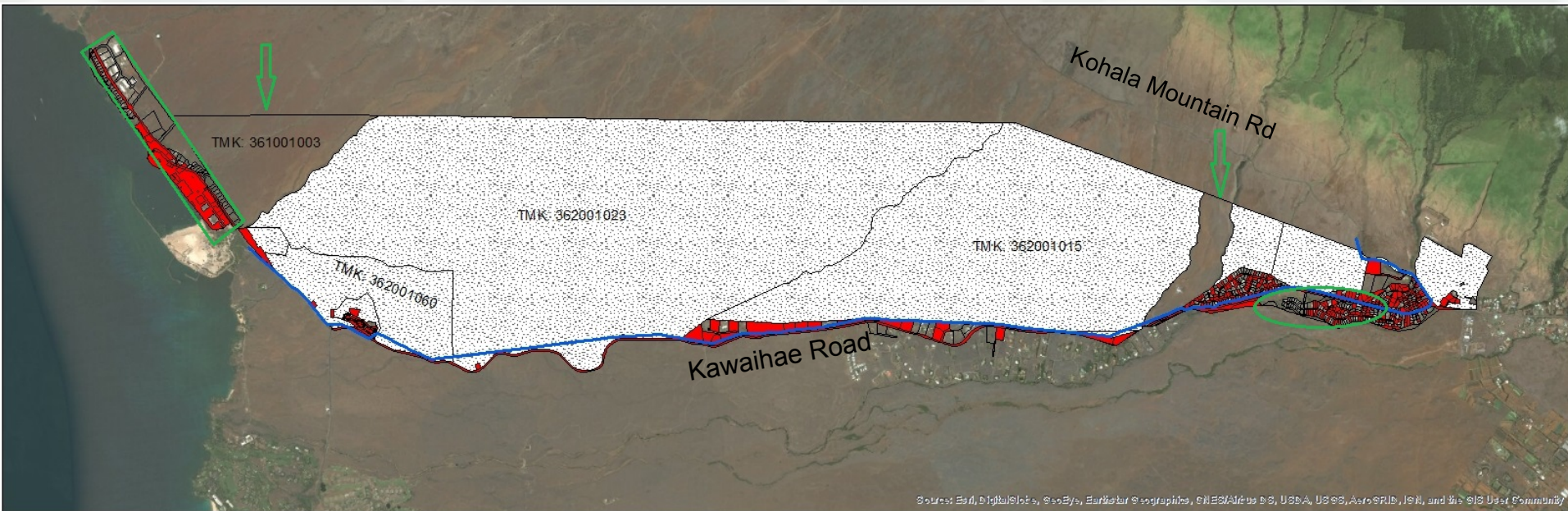


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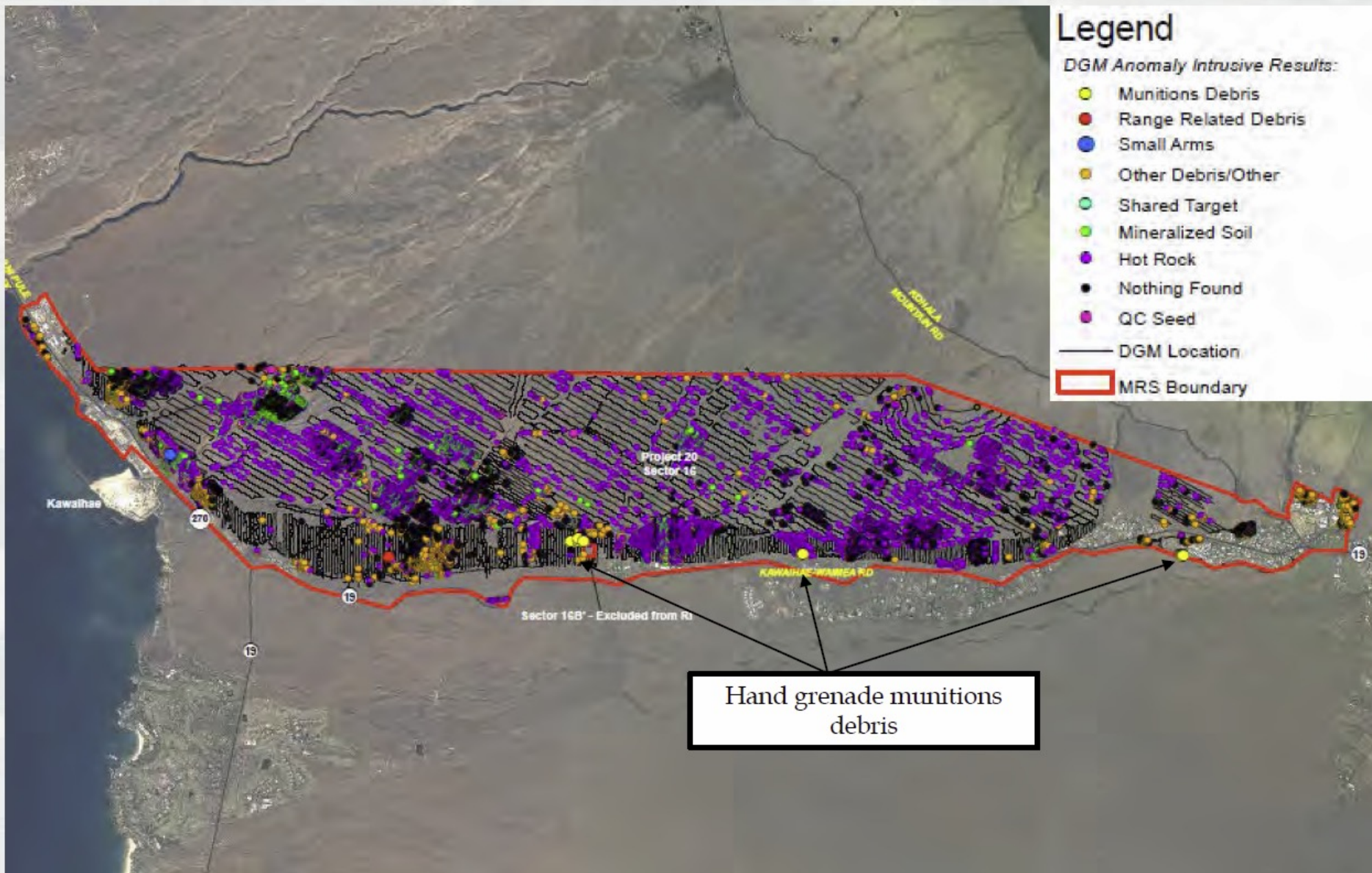
Kawaihae & Lalamilo Phase 1

DHHL Properties in Sector 16 With Active Remedial Investigations



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Kawaihae & Lalamilo Phase 1

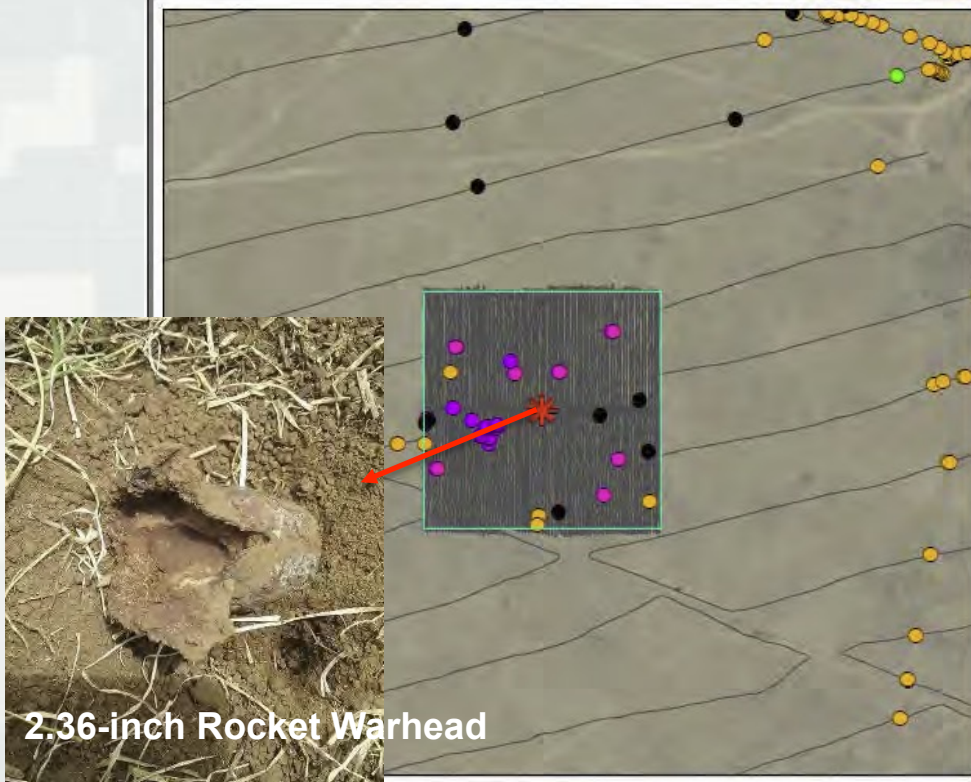
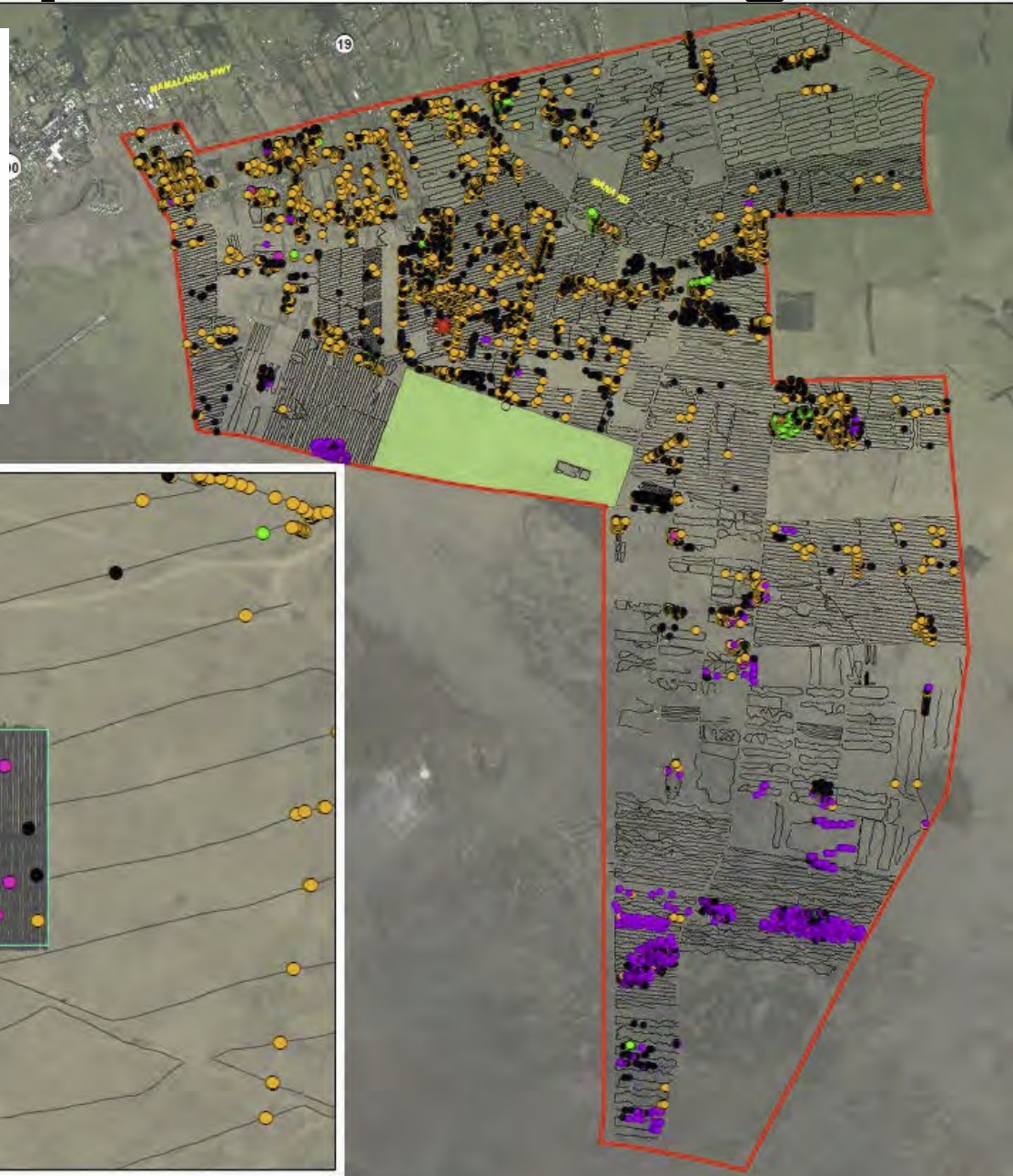


Puukapu / Kuhio Village

Legend

DGM Anomaly Intrusive Results:

-  MEC
-  Other Debris/Other
-  Mineralized Soil
-  Hot Rock
-  Nothing Found
-  QC Seed
-  DGM Location
-  MRS Boundary
-  Project 19 Sector 15 - Former Removal Action Area
-  DGM Grid 100%



2.36-inch Rocket Warhead

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

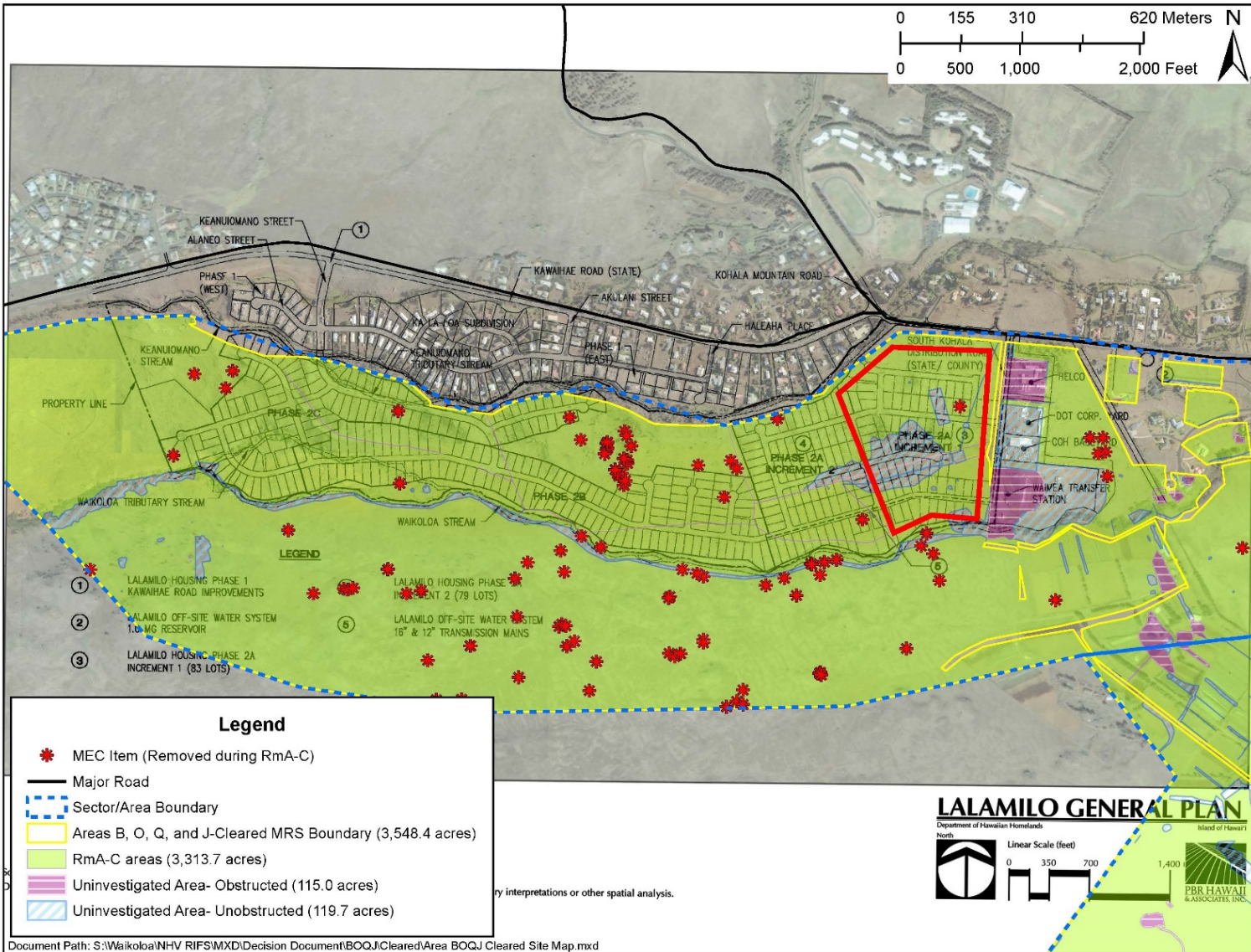
- ▶ Develop Proposed Plan for remediation (Nov 2019)

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



Lalamilo Phase 2

- 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.



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