

RESTORATION ADVISORY BOARD (RAB) MEETING

FORMER WAIKOLOA MANEUVER AREA
23 MAY 2023

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AGENDA



Opening Remarks: Government Co-Chair
Commander’s Remarks.....

David Griffin
LTC Ryan Pevey

Board Administration

- Resignation of Roger Thomas
- Vote on RAB member term renewal
- Introduction and nomination of Nancy Charles-Parker
- Vote on RAB Community Co-Chair

Old Business

- Approval of Fall 2022 Minutes
- Action Items from Fall 2022 RAB
 - Update on South Kohala Development
 - RAB Member Recruitment and Attempts to Bolster Attendance

New Business

CERCLA Process.....

David Griffin

Work Status Update

David Griffin

- RI/FS (Remedial Investigation/Feasibility Study) - Projects 01, 19, 20, 21, 23
- RD (Remedial Design) – Projects 02, 04, 07, 10, 22
- RA-C (Response Action-Construction) – Project 02



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AGENDA



Rights of Entry Process..... David Griffin

Work Status Update Continued David Griffin

- 5-Year Review
 - Areas N&R
 - Areas M&P

WMA Outreach..... Edwyna Brooks

Questions/Discussion Open

Closing Remarks David Griffin

BOARD ADMINISTRATION



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BOARD ADMINISTRATION



- Resignation of Roger Thomas
- Vote on RAB member term renewal
- Introduction and nomination of Nancy Charles-Parker
- Vote on RAB Community Co-Chair

OLD BUSINESS



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OLD BUSINESS



Approval of Minutes
October 25, 2022 Restoration Advisory Board Meeting



OLD BUSINESS



Action Items from Fall 2022 RAB

- Update on South Kohala Development
- RAB Member Recruitment and Attempts to Bolster Attendance

NEW BUSINESS



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CERCLA PROCESS



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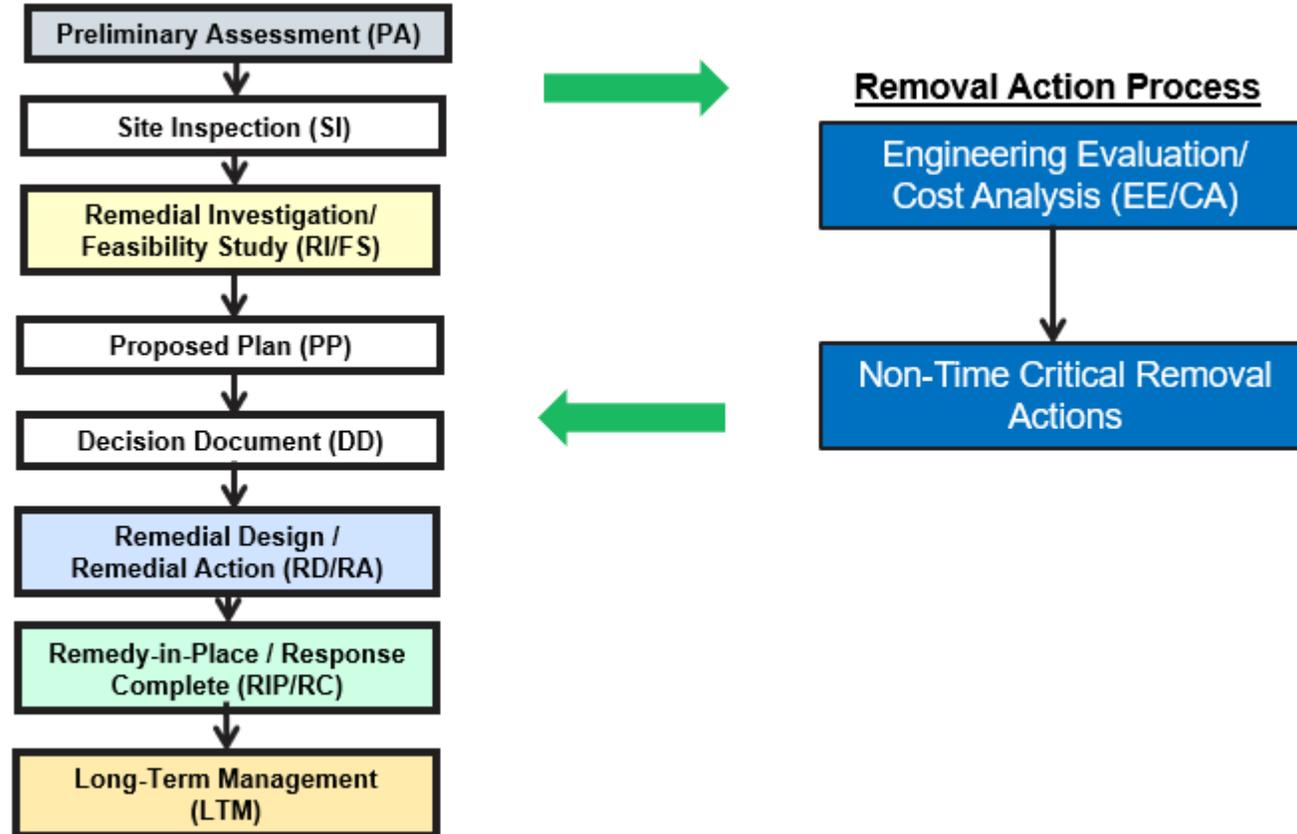


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COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT PROCESS





2022 SMAP PRIORITIZED WORK AREAS



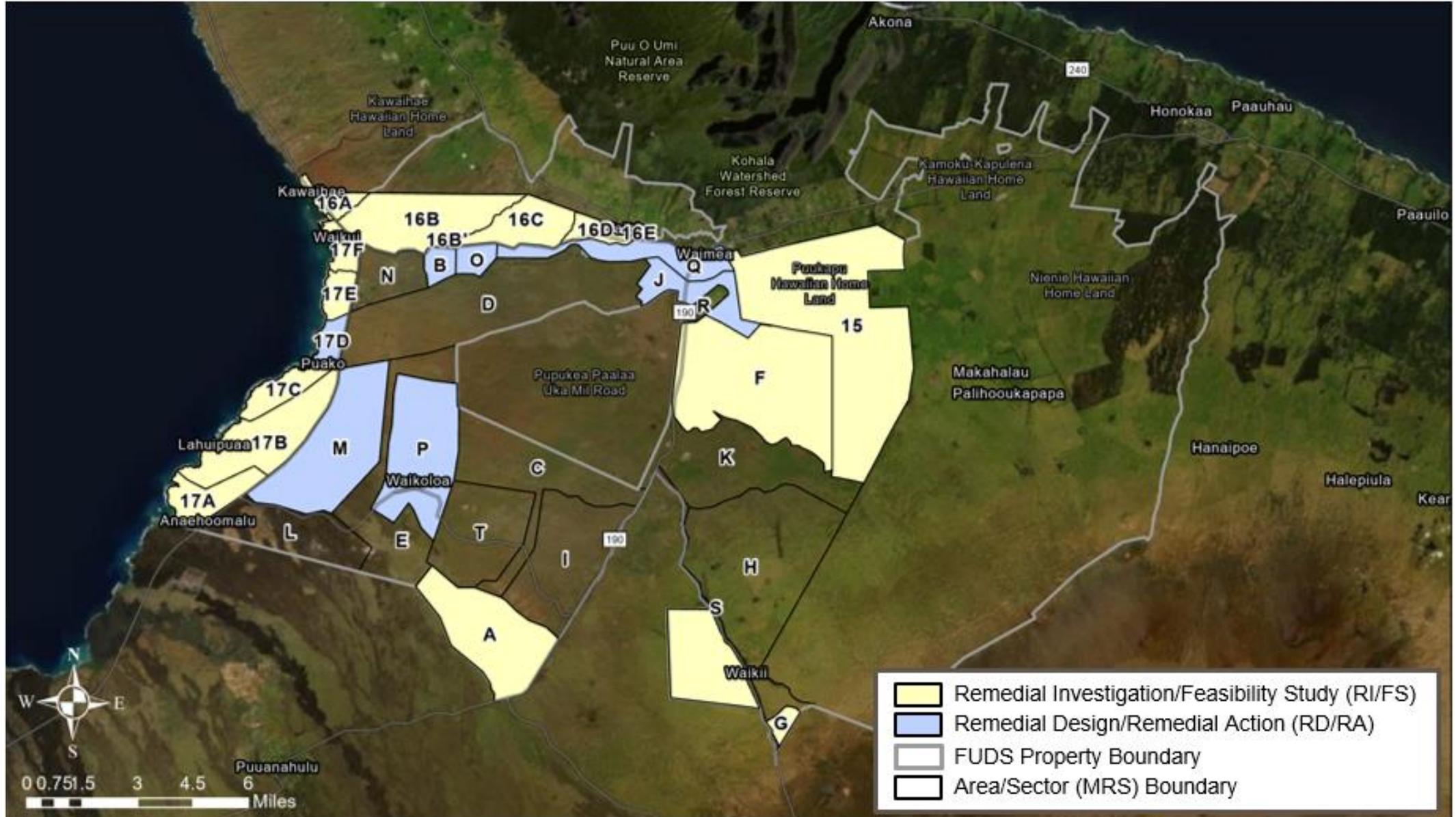
Typically based on risk

2022 WMA Ranking	Proj. No.	Project Name	Phase	MRSPP
1	2	Areas B,O,Q&J-Cleared	RA-C	3
2	2/4	Areas B,O,Q&J	RD	3
3	19	Sector 15	RI/FS	5
4	22	Area P	RA-C	3
5	1	Areas A and G	RI/FS	3
6	7	Area M	RA-C	2
7	10	Sector 17D	RD	2
8	20	Sector 16A-E	RI/FS	5
9	23	Area F	RI/FS	3
10	21	Sectors 17A,B,C,E&F	RI/FS	2



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2022 PROJECT LOCATIONS



WORK STATUS UPDATE



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WORK STATUS UPDATE

CERCLA Phase

➤ RI/FS

➤ RD

➤ RA-C

Project Area

Areas A & G

Sector 15

Sectors 16A, 16B, 16C, 16D, 16E

Sectors 17A, 17B, 17C, 17E, 17F

Area F

Area B,O,Q,J-Cleared

Area B,O,Q,J-Remnants

Area B,O,Q,J-Cleared – Lalamilo Parcel



WORK STATUS UPDATE



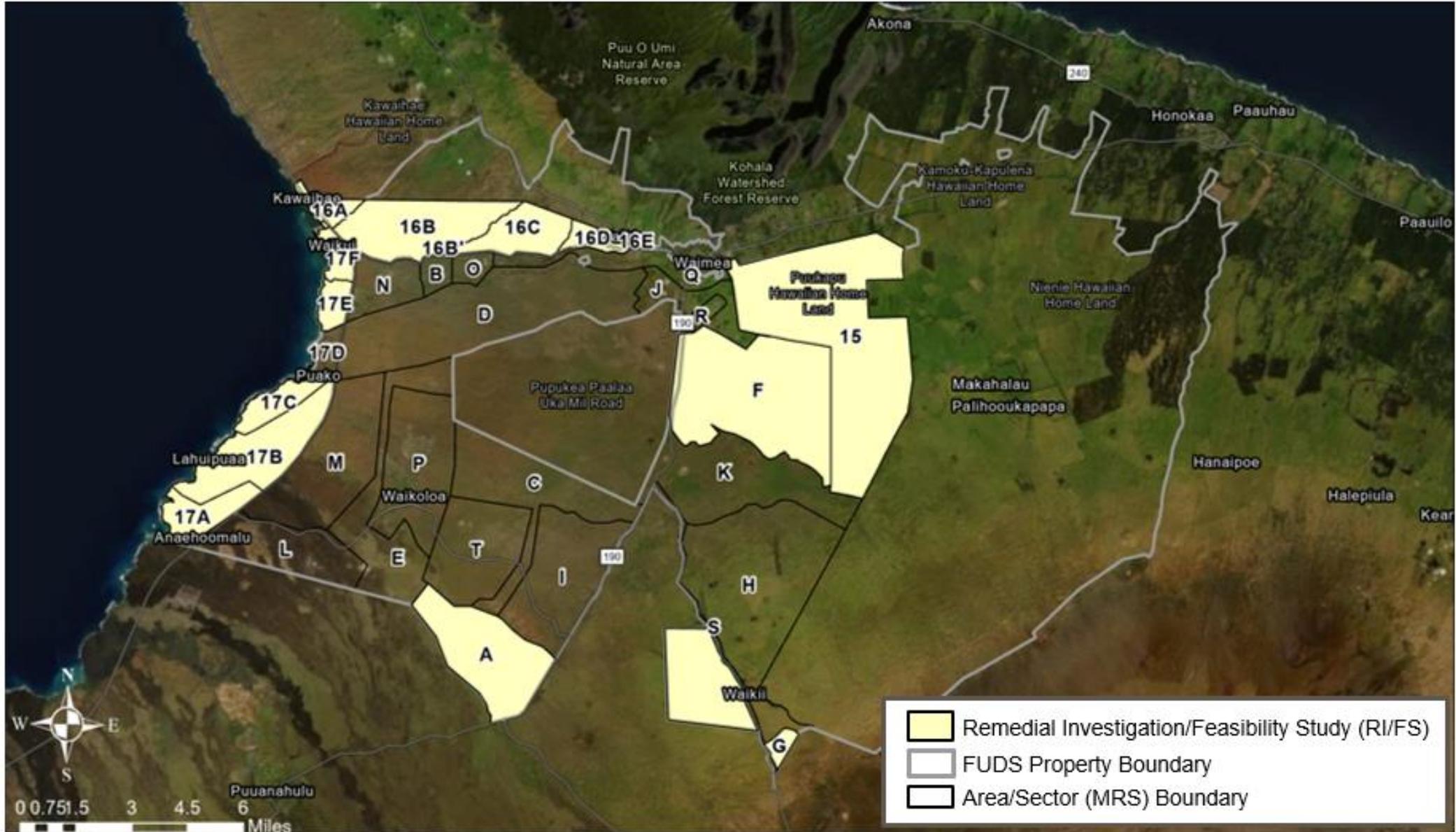
RI/FS

(Remedial Investigation / Feasibility Study)
Determine Nature and Extent of Contamination



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2022 RI/FS PROJECT LOCATIONS





AREAS A & G (PROJECT 01)



➤ Status

- Draft RI reviewed by USACE Project Team
- Contractor incorporated USACE comments and prepared revised report
- USACE backchecked and approved revisions
- Draft Final of report will be submitted to USACE Environmental & Munitions Center of Excellence (EMCX) for review by end of month.



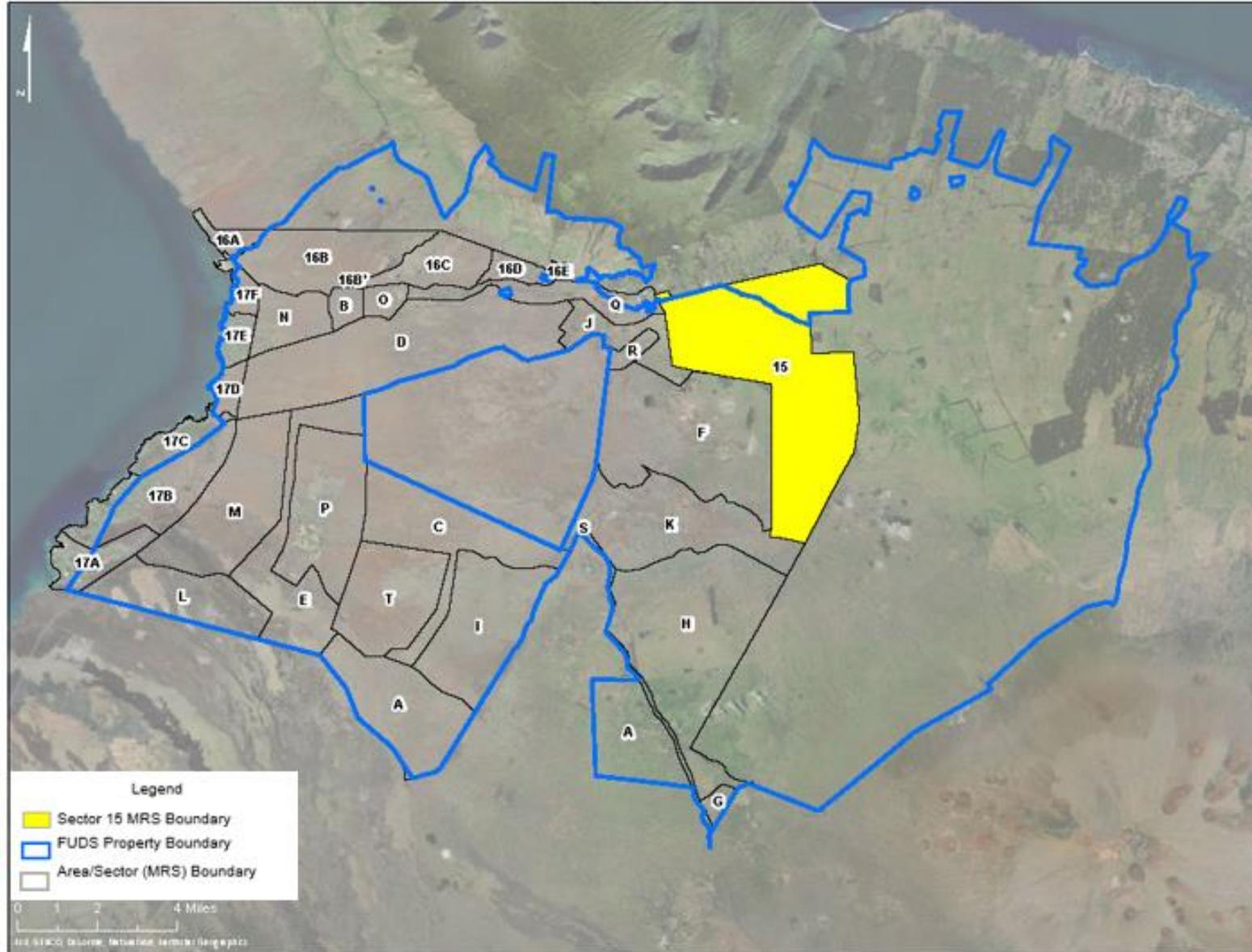
AREAS A & G (PROJECT 01)



MILESTONES SCHEDULE

- **Draft Remedial Investigation Report to HDOH – July 2023**
- **Feasibility Study – March 2024**
- **Proposed Plan – September 2024**
- **Record of Decision – July 2025**

SECTOR 15 (PROJECT 19)



➤ Status

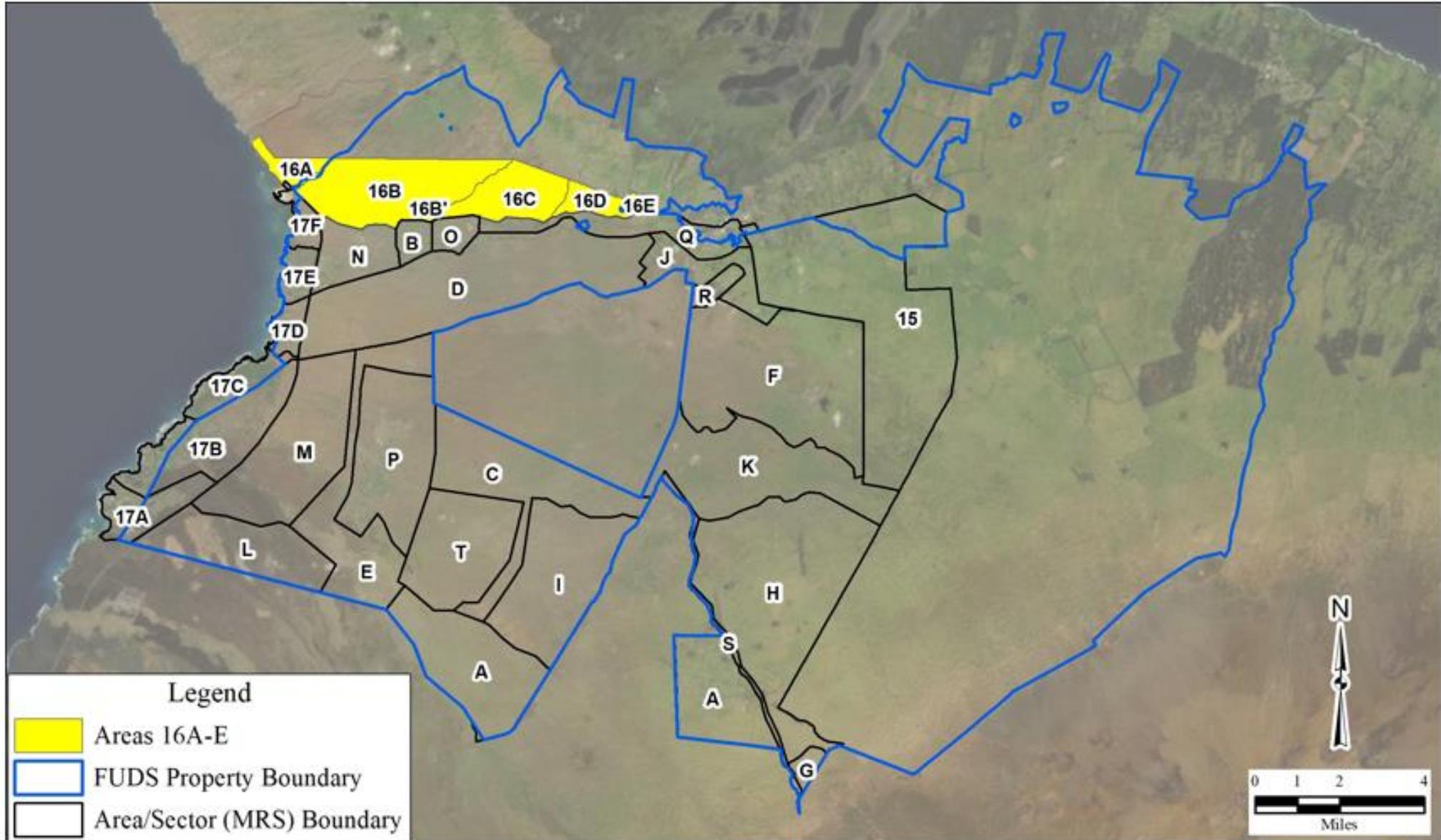
- Final Remedial Investigation report accepted by HDOH on 17 April 2023
- Draft Proposed Plan (PP) to HDOH for review in summer 2023*, followed by Public Meeting
- Record of Decision (ROD) end of 2023/early 2024*

* - dates subject to change



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SECTOR 16 (PROJECT 20)



SECTOR 16 (PROJECT 20)

➤ **Work completed over the past 12 months**

- Initiated preparation of documents needed in advance of fieldwork. Submitted work plan currently in USACE review.
- Completed Ecological Resources Plan, Archaeological Monitoring Plan, Community Relations Plan, and Explosives Site Plan.

➤ **Current Status**

- Work Plan under HDOH review

SECTOR 16 (PROJECT 20)

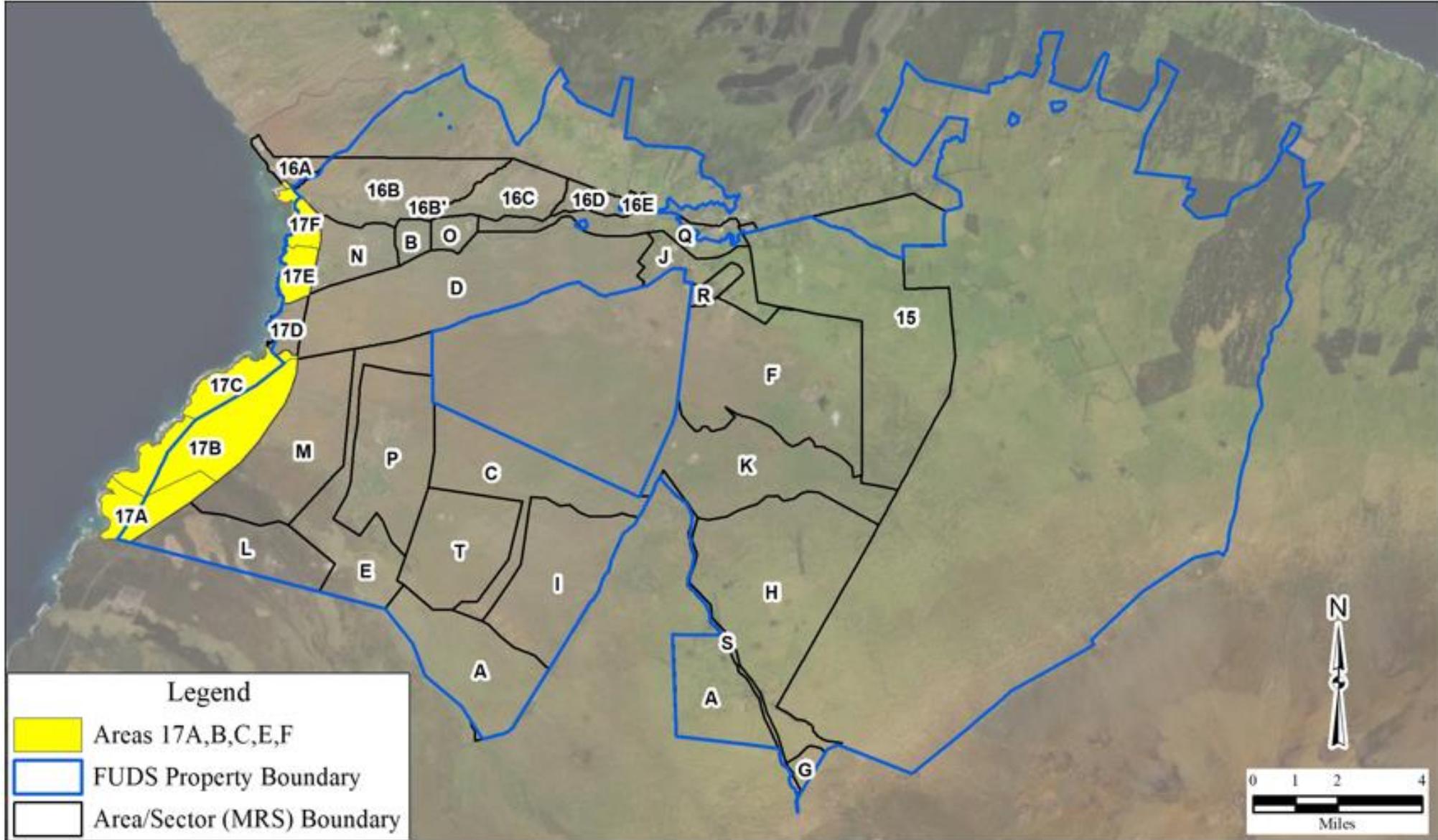
MILESTONES SCHEDULE

- **Right of Entry Letters – May 2023**
- **Public Meeting – Late Summer 2023**
- **Field Work Begins – Late Summer 2023***
 - *dependent on Rights of Entry
- **Field Work Complete – Winter 2024**
- **Submit Final Remedial Investigation Report – 2025**
- **Submit Final Feasibility Study – 2025**
- **Submit Final Proposed Plan – 2026**
- **Submit Final Record of Decision – 2027**



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SECTORS 17A, 17B, 17C, 17E, 17F (PROJECT 21)





SECTORS 17A, 17B, 17C, 17E, 17F (PROJECT 21)



➤ **Work completed over the past 12 months**

- Initiated preparation of documents needed in advance of fieldwork. Submitted work plan currently in EM-CX review.
- Completed Ecological Resources Plan, Community Relations Plan, and Explosives Site Plan.

➤ **Current Status**

- Work Plan under HDOH review



SECTORS 17A, 17B, 17C, 17E, 17F (PROJECT 21)



MILESTONES SCHEDULE

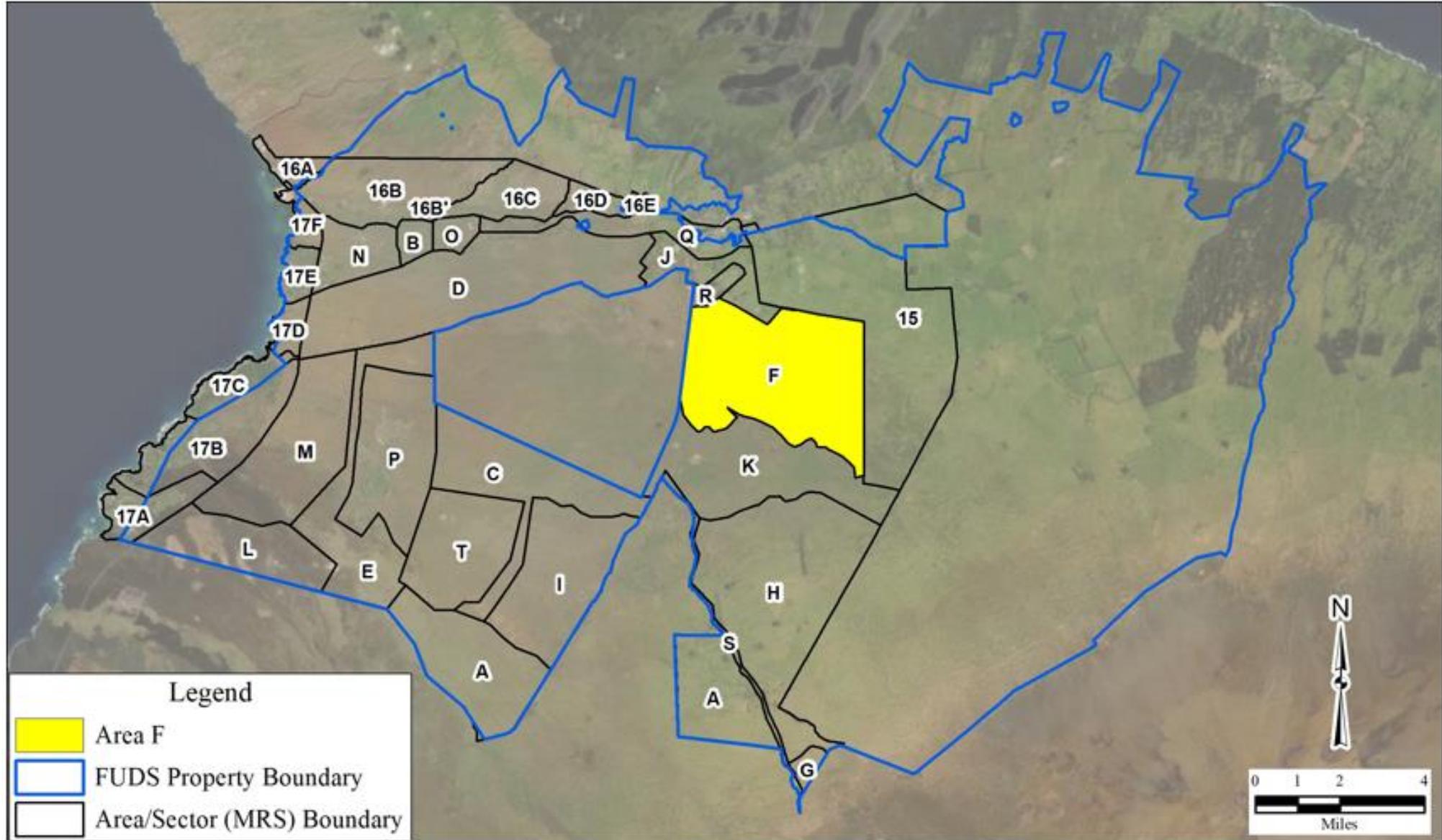
- **Public Meeting – August 2023**
- **Field Work Begins – October 2023**
- **Field Work Complete – Spring 2024**
- **Submit Final Remedial Investigation Report – 2025**
- **Submit Final Feasibility Study – 2025**
- **Submit Final Proposed Plan – 2026**
- **Submit Final Record of Decision – 2026**



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AREA F (PROJECT 23)





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AREA F (PROJECT 23)

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➤ **Work completed over the past 12 months**

- Initiated preparation of documents needed in advance of fieldwork. Submitted work plan currently in regulatory review.
- Completed Ecological Resources Plan, Archaeological Monitoring Plan, Community Relations Plan, and Explosives Site Plan.

➤ **Current Status**

- Work plan submitted for regulatory review

AREA F (PROJECT 23)

MILESTONES SCHEDULE

- **Public Meeting – Summer 2023**
- **Field Work Begins – Summer 2023**
- **Field Work Complete – Winter 2023**
- **Submit Final Remedial Investigation Report – 2024**
- **Submit Final Feasibility Study – 2024**
- **Submit Final Proposed Plan – 2025**
- **Submit Final Record of Decision – 2026**



WORK STATUS UPDATE

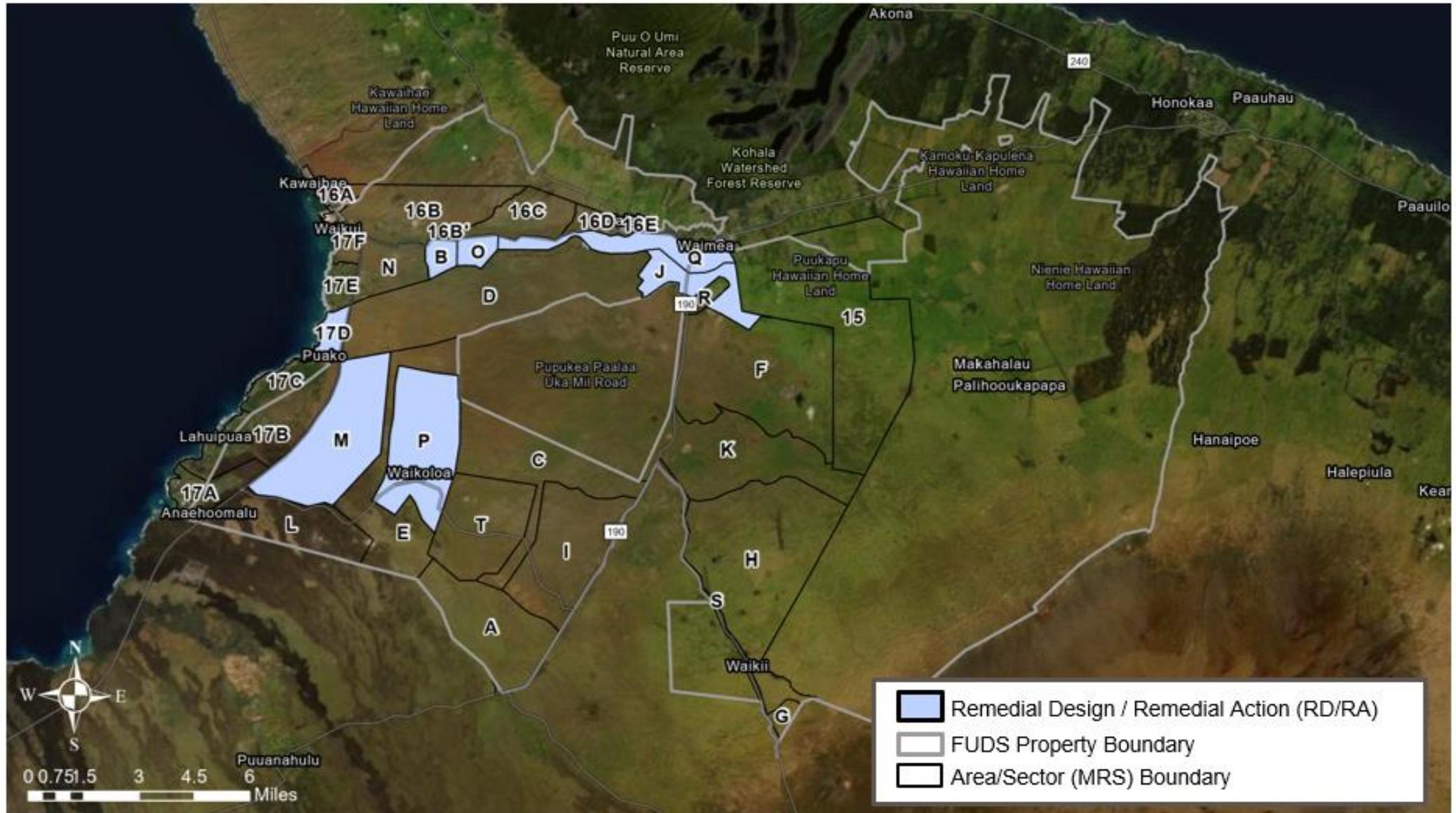


RD
(Remedial Design)
Remedial Technology Tested and Selected



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2022 RD/RA PROJECT LOCATIONS





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AREAS B,O,Q,J-CLEARED (PROJECT 02) AND B,O,Q,J-REMNANTS (PROJECT 04)

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➤ Work completed over the past 12 months

- Continued vegetation removal as needed, surface sweeps, geophysical data collection, and intrusive investigations

➤ Current Status

- Continuing field work – you may see us in your neighborhood!!

➤ Future Activities

- Prepare Remedial Design Report
 - Results from RD effort will inform RA-C strategy.





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AREAS B,O,Q,J-CLEARED (PROJECT 02) AND B,O,Q,J-REMNANTS (PROJECT 04)

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MILESTONES SCHEDULE

- **Field Work Complete – Winter 2023/2024**
- **Submit Final Remedial Design Report – 2024**





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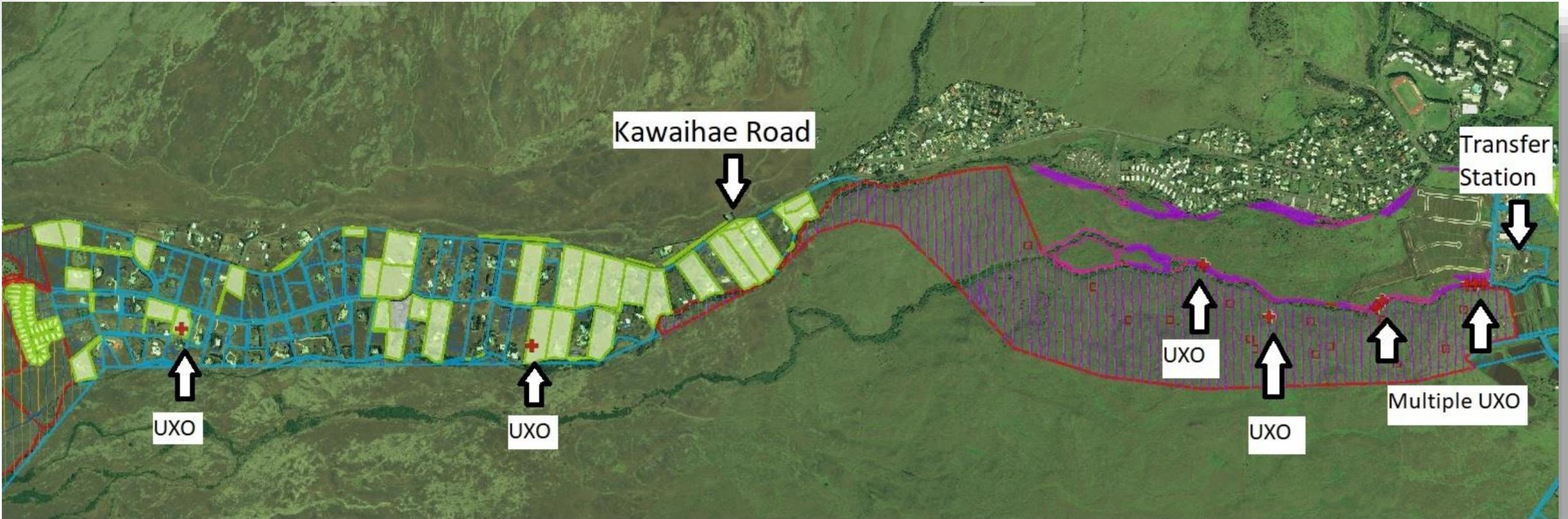
RECENT UXO DISCOVERIES – WAIMEA TOWN



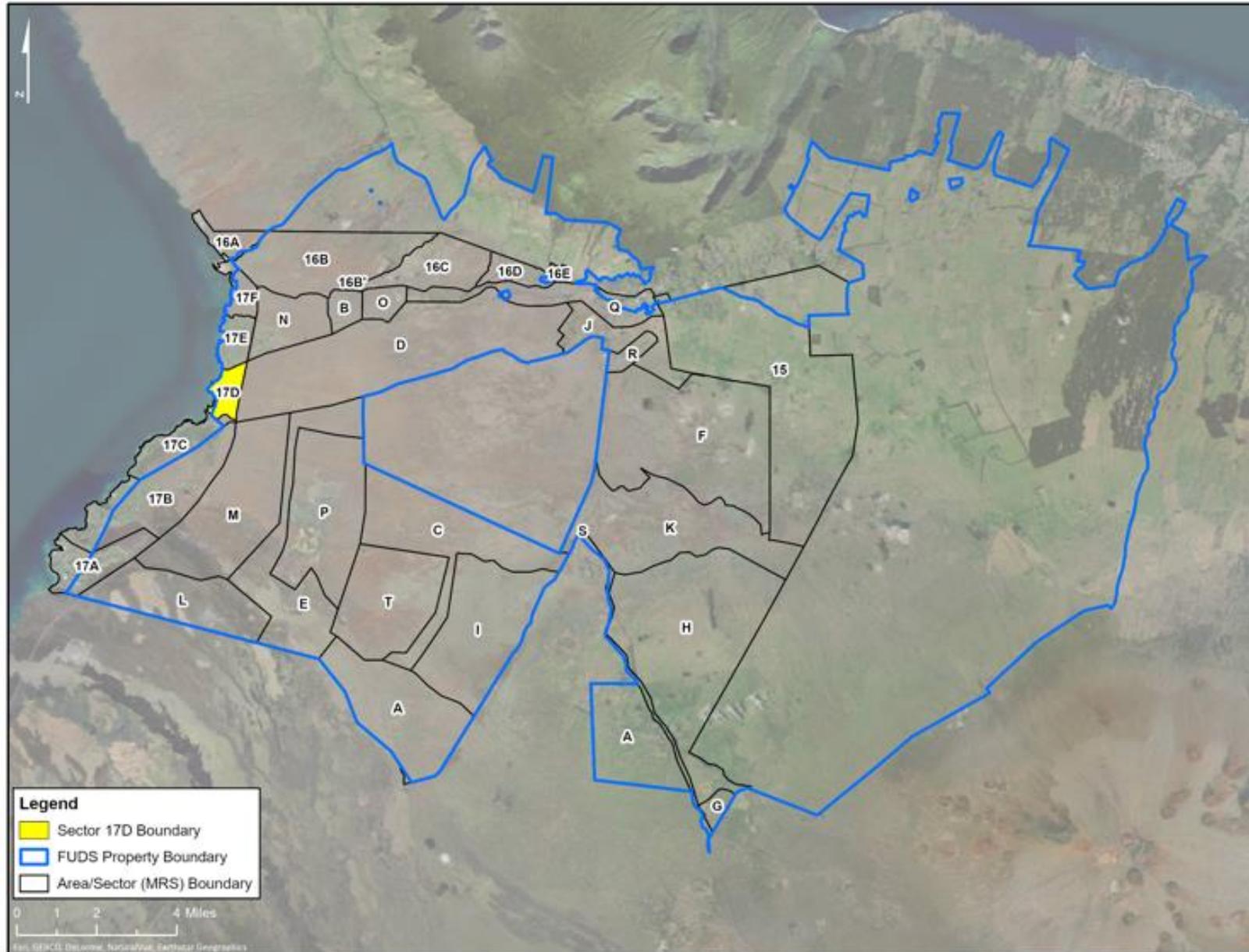


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RECENT UXO DISCOVERIES – KAWAIHAE ROAD CORRIDOR



SECTOR 17D (PROJECT 10)





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SECTOR 17D (PROJECT 10)

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➤ **Work completed over the past 12 months**

- SPP Meeting 2
- Completion of all planning documents except MR-QAPP

➤ **Current Status**

- Draft Final MR-QAPP reviewed by HDOH
- USACE addressing comments
- Next Systematic Project Planning Meeting in August 2023



MILESTONES SCHEDULE

- **Final MR-QAPP – August 2023**
- **Public Meeting – August 2023**
- **Field Activities – Fall 2023**
- **Final RD Report – 2025**





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WORK STATUS UPDATE

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RA-C

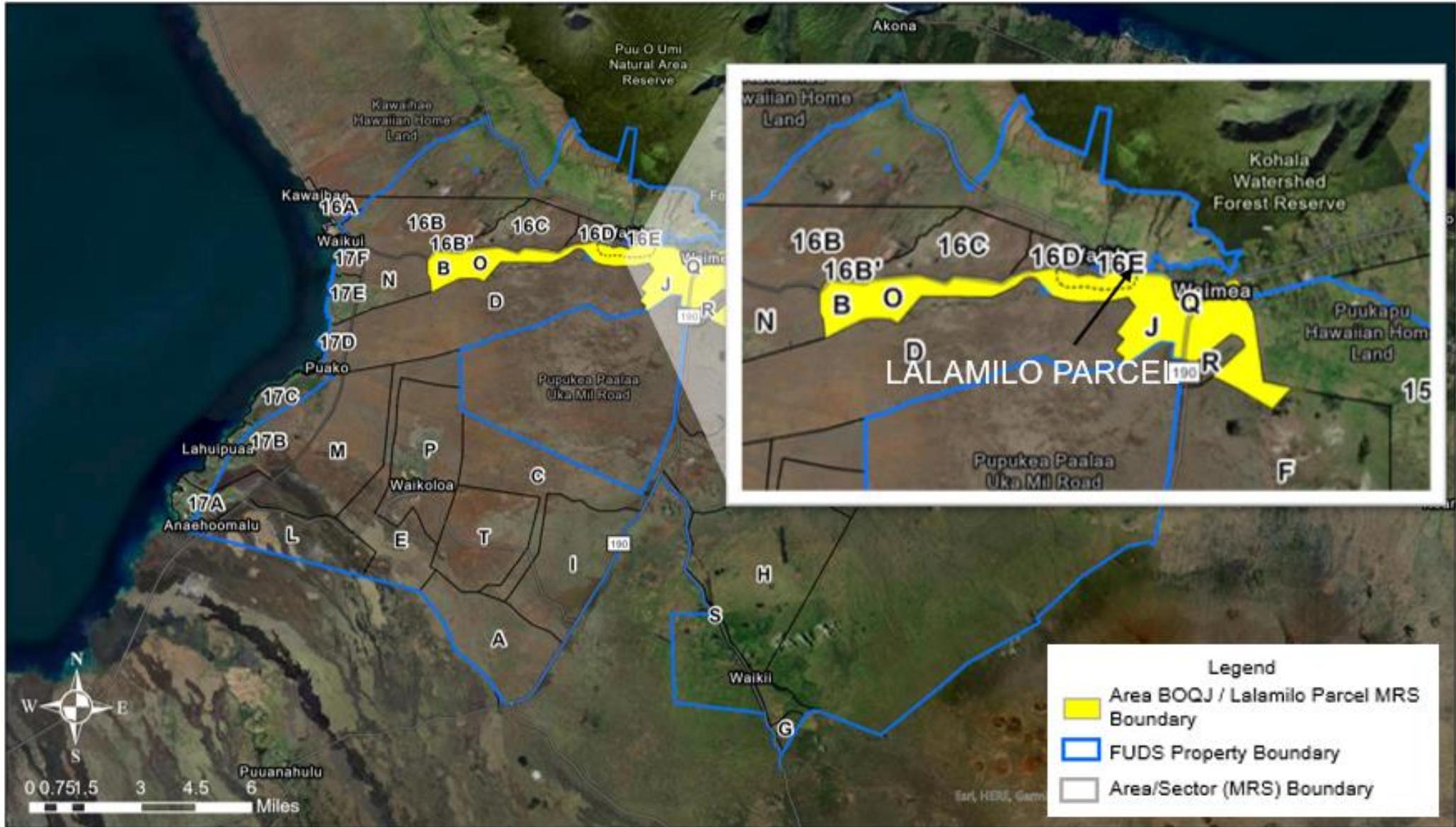
(Remedial Action - Construction)

Implementation Phase of Selected Remedy



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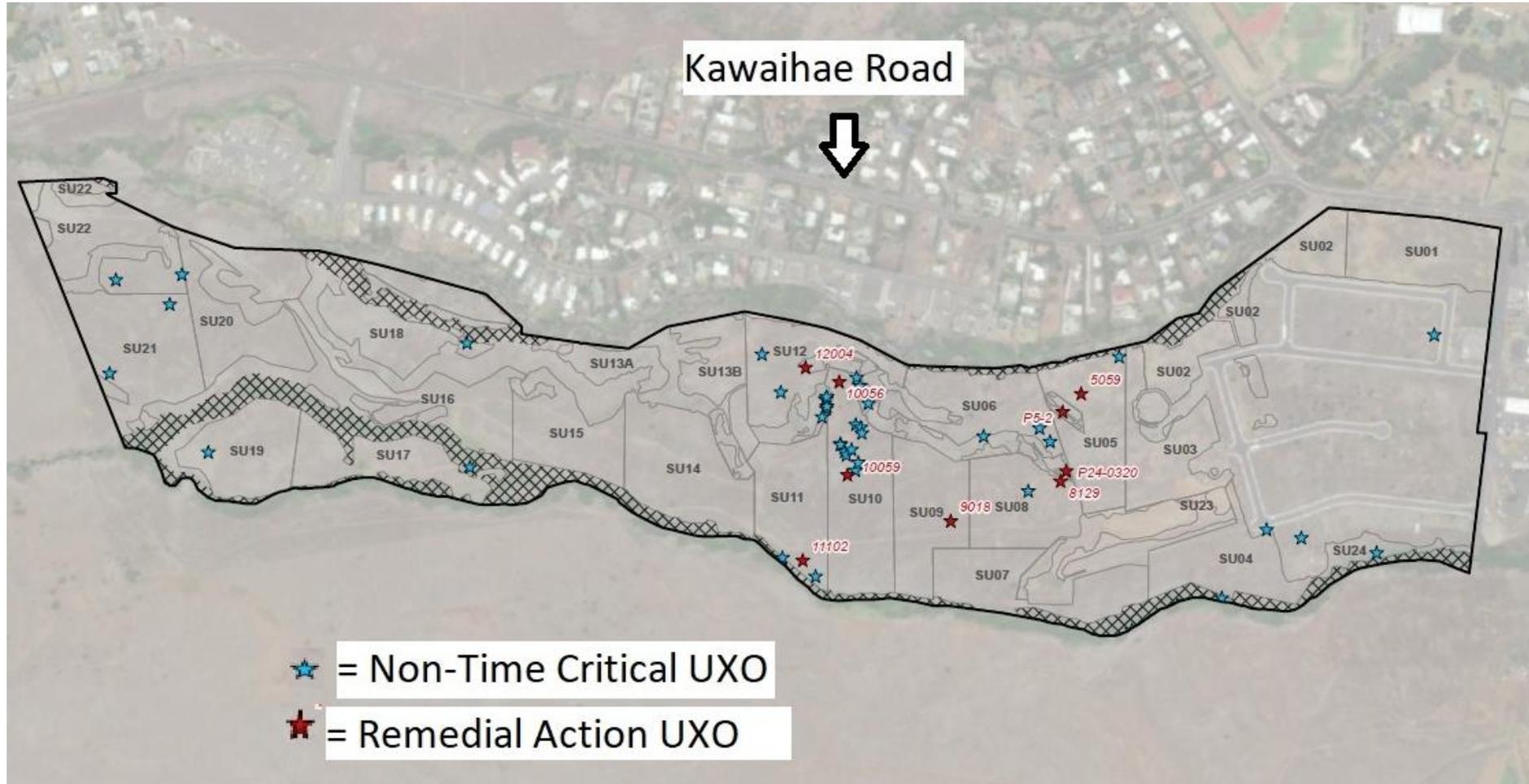
AREAS B,O,Q,J-CLEARED (PROJECT 02) DHHL LALAMILO PARCEL





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RECENT & PREVIOUS UXO DISCOVERIES – LĀLĀMILO HOUSING DEVELOPMENT DEPARTMENT OF HAWAIIAN HOME LANDS





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AREAS B,O,Q,J-CLEARED (PROJECT 02) DHHL LALAMILO PARCEL

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➤ Work completed since October 2022

- Relocated DHHL soil stockpiles
- Completed all remaining analog investigation
- Completed all field work in November 2022
- Draft Remedial Action Report reviewed by USACE

➤ Current Status

- Preparing to submit Draft-Final Remedial Action Report for regulatory review
- Preparing to conduct Public Meeting - Summer 2023



RIGHTS OF ENTRY PROCESS



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PACIFIC OCEAN DIVISION



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RIGHTS OF ENTRY PROCESS

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- ROE process revised in ER 200-3-1 - Appendix D
- If ROE was signed prior to new guidance then a new letter will not be sent until expiration of existing
- If ROE was not signed before guidance then a letter under new format will be sent



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RIGHTS OF ENTRY PROCESS

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- **What is an ROE?**
 - It is a request to access property to conduct work
 - Documented permission to allow access
 - Typically request for 5 years



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RIGHTS OF ENTRY PROCESS

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- **What it is not**
 - It does not give USACE unlimited access to your property.
 - It does not give others beyond USACE access to your property



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RIGHTS OF ENTRY PROCESS

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- **What to expect**
 - An ROE letter will be sent via US mail with return envelop
 - If we don't hear back within 20 calendar days a second letter will be sent
 - If we don't hear back in 15 days we contact HDOH to help facilitate ROE.
 - If we don't hear back after 60 days with HDOH help the final letter is sent.
 - Notice that USACE will suspend activities/ owner responsible for contamination under CERCLA
 - Property owners that deny access will be contacted every 5 years



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RIGHTS OF ENTRY PROCESS

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- **What if you don't respond?**
 - Notice that USACE will suspend project activities for their portion of the FUDS project
 - Alert owner they responsible for contamination tat may be present under CERCLA
 - Property owners that deny access will be contacted every 5 years

WORK STATUS UPDATE - CONTINUED



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WORK STATUS UPDATE



Five- Year Reviews
Check to confirm remedy is working



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AREA N (PROJECT 07) & AREA R (PROJECT 22)



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➤ **Current Status**

- Completed Area N and R Remedial Action Report
- Completed Five-Year Reviews for both Areas N and R
 - Area N protectiveness statement is “Short-term Protective”
 - Area R protectiveness statement is “Short-term Protective”

➤ Remedies currently protect human health and the environment; however, to achieve long-term protectiveness, additional steps will be needed.



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AREA P (PROJECT 18)



AREA M (PROJECT 07) & AREA P (PROJECT 22)

➤ **Current Status**

- Finalizing Area M and P Remedial Action Report
- Completed Five-Year Reviews for both Areas M and P
 - Area M and P protectiveness statement is “Will Be Protective”

➤ Remedies will protect human health and the environment once fully implemented. Five year reviews are required and will continue through Long Term Management phase.

WMA OUTREACH



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WMA COMMUNITY OUTREACH



3Rs Explosives Safety Education

	AUDIENCE	Date	Event	
3Rs Safety Training is conducted both on-site at the Waimea Field Office and at various sites within the South Kohala community for industry, schools and community.	State, and Industry	Jan.31	Engaged w/employees from Kona Airport and Westin Hapuna Beach	2 events Engaged w/Total = 80 workers
		Feb.02	Engaged w/employees from DOT, Hilo Hawaii and County of Hawaii	
	Schools	Jan.26	400 students - Pahoia Elementary School	4 events Engaged w/Total = 1,415 families and School-aged children
		Feb. 17	200 students - Waimea Middle School during a presentation	
		Feb. 22	50 students + 10 school-aged children - Waimea Country School	
		Mar. 21	755 students - Waikoloa Elementary and Middle Schools	
	Community	Mar. 04	Participated in <u>Kawaihae Harbor Beach Cleanup</u>	Engaged w/Total = 65 community mem.

Community Engagement

	State, Industry and Community	Apr. 20	Engaged with over 800 attendees at Experience PTA	1 event Engaged w/Total = 800 community members
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SCHOOL ENGAGEMENTS



Since January 2023, USACE reached more than 1,400 school-aged children with the 3Rs message.





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COMMUNITY ENGAGEMENTS



April - Earth Day Puako Boat Ramp

Approx. 70 members of the community stopped by the USACE - Recognize, Retreat, Report information booth during an Earth Day event.



March – Kawaihae Harbor Beach Cleanup. Ilio, the 3Rs Safety Dog, joined members of the community at Spencer Park for their annual beach cleanup.



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STATE, INDUSTRY AND COMMUNITY

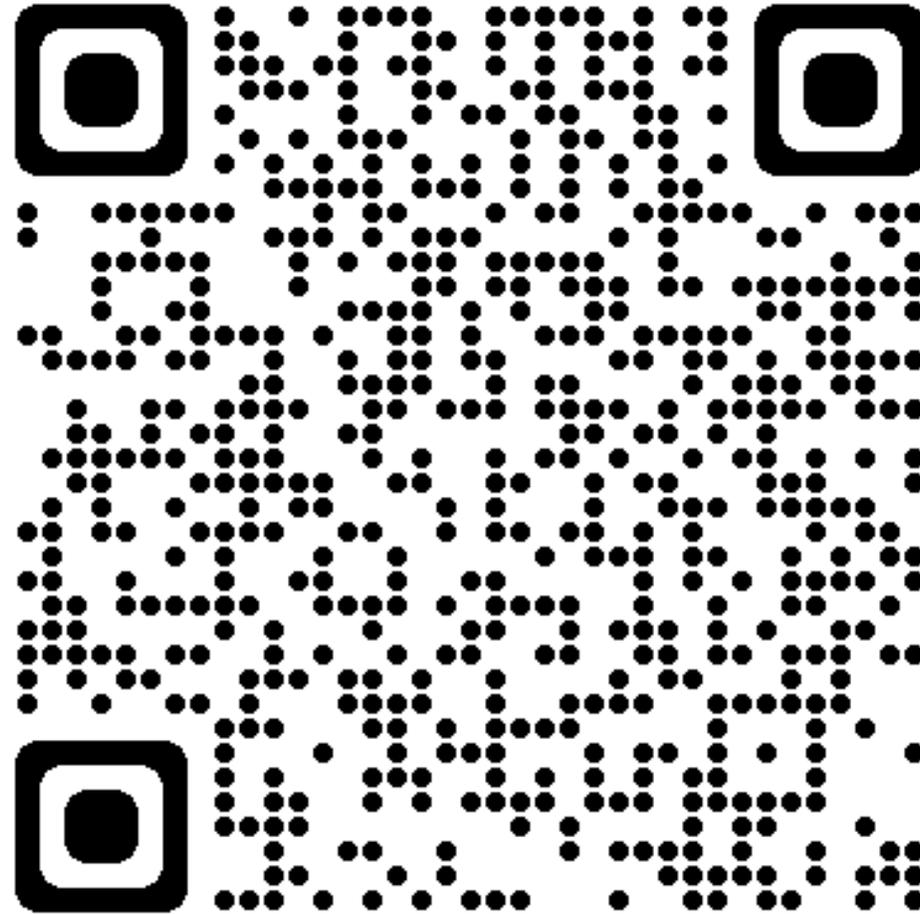
65



3R Training: Members of the USACE 3Rs Outreach Team, Rich Tanaka (right) and Madelyn Martinez, hosted a 2-day, 3Rs of Explosives Training with employees from the Waimea Airport, Hawaii Department of Transportation, Queen Emma Land Company, West Hapuna Beach Hotel, and the County of Hawaii. Geophysicist Ben Konshak (left) provided vital safety information for this group of stakeholders, who regularly perform ground disturbing activities and may encounter UXO as part of their work.



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QUESTIONS / DISCUSSION

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Formerly Used Defense Sites (FUDS) Websites

- USACE HQ FUDS

<https://www.usace.army.mil/missions/environmental/formerly-used-defense-sites/>

- USACE-POH FUDS

<https://www.poh.usace.army.mil/Missions/Environmental/FUDS/>

- 3Rs of Explosive Safety Program

<https://www.usace.army.mil/Missions/Environmental/Formerly-Used-Defense-Sites/3Rs-of-Explosives-Safety-Information/>

- [3Rs.mil](https://www.3rs.mil)



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CLOSING REMARKS

Follow the 3Rs of Explosives Safety:

- **RECOGNIZE** when you may have encountered a munition and that munitions are dangerous
- **RETREAT** do not approach, touch, move, or disturb it, but carefully leave the area
- **REPORT** call 911 and advise the police of what you saw and where you saw it.





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Recognize when you may have encountered a munition.
Retreat Do not touch, move or disturb it, but carefully leave the area you entered.
Report Call 911! Immediately notify law enforcement of what you saw and where it was.

Former Waikoloa Maneuver Area

Formerly Used Defense Site



US Army Corps of Engineers
 Honolulu District
 (January 1, 2020)



155mm Projectile



105mm HE Projectile



75mm HE Projectile



81mm HE Mortar Round



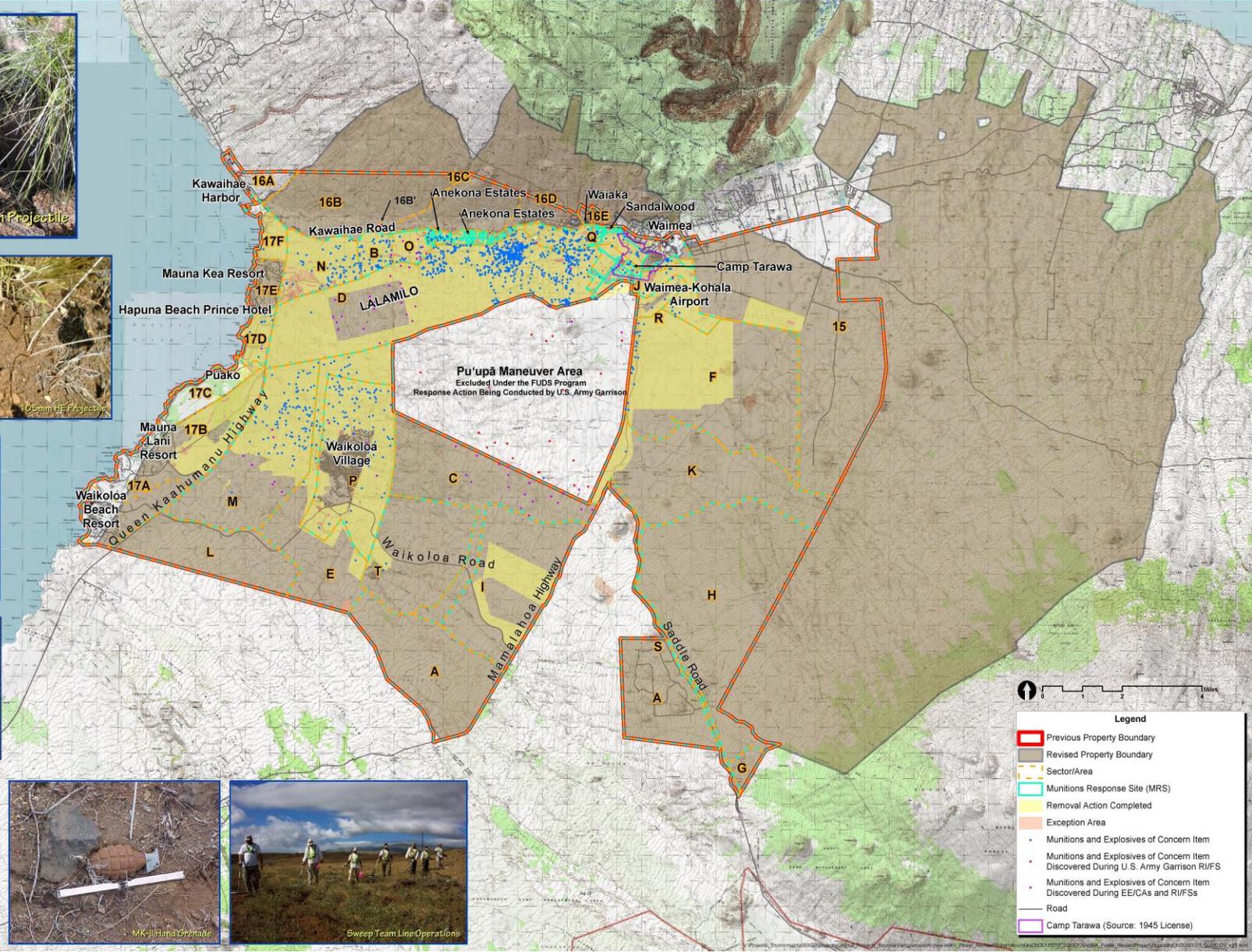
250mm HE Rocket

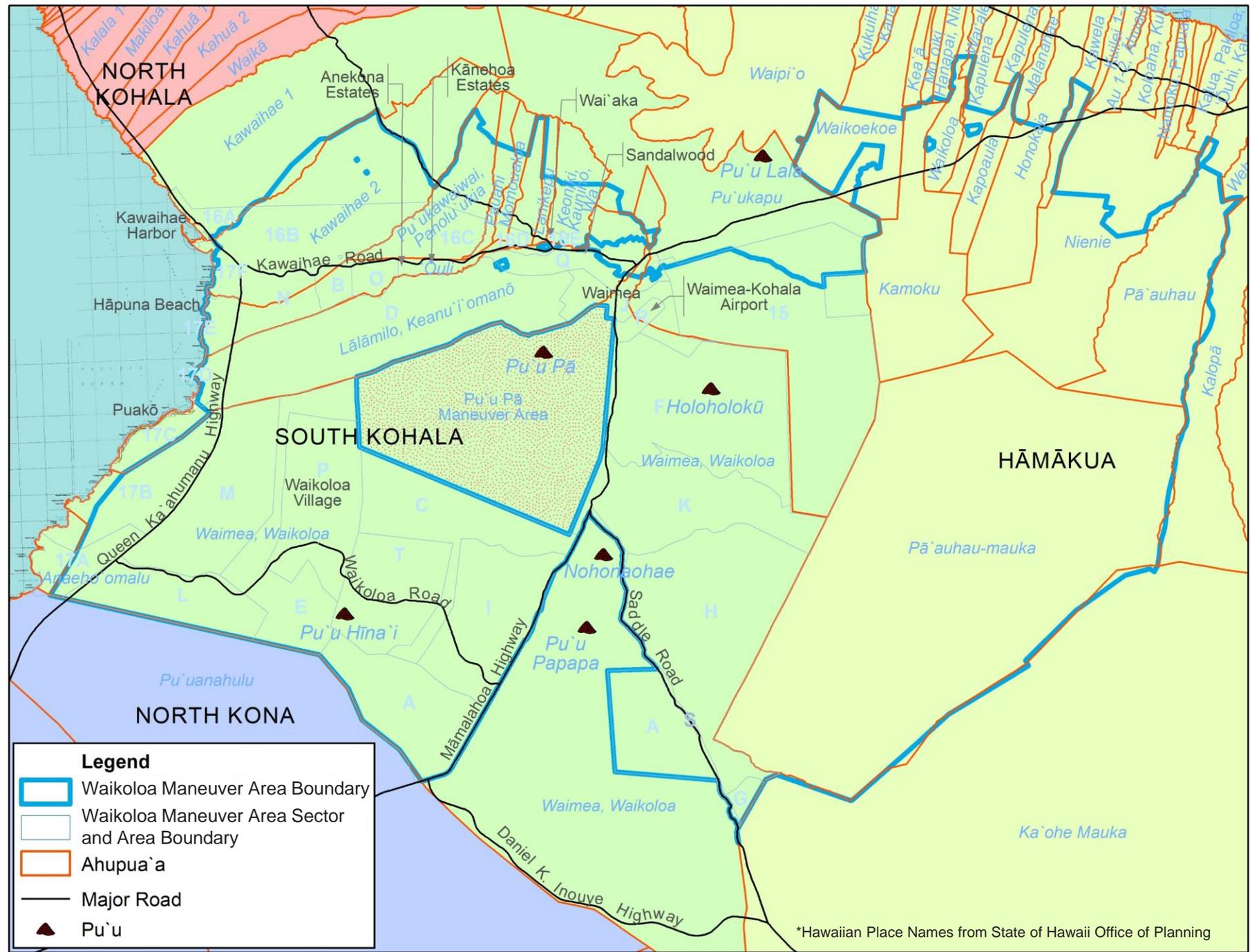


MK-III Mine



Sweep Team Line Operations





Legend

- Waikoloa Maneuver Area Boundary
- Waikoloa Maneuver Area Sector and Area Boundary
- Ahupua`a
- Major Road
- Pu`u

*Hawaiian Place Names from State of Hawaii Office of Planning