

RESTORATION ADVISORY BOARD (RAB) MEETING

FORMER WAIKOLOA MANEUVER AREA
May 7, 2025

The views, opinions and findings contained in this report are those of the author(s) and should not be construed as an official Department of Army position, policy or decision, unless so designated by other official documentation.



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RAB AGENDA – SPRING 2025



Opening Remarks: Government Co-Chair	David Griffin
RAB Community Co-Chair Remarks.....	Pete Hoffmann
Board Administration	
➤ Approval of Fall 2024 Minutes	
Work Status Update	
➤ RI/FS (Remedial Investigation/Feasibility Study) – Projects 01, 20, 21, 23	
➤ RD/RA (Remedial Design / Remedial Action) – Projects 02, 04, 10	
➤ RA-C (Remedial Action – Construction) – Project 18	
WMA Outreach	Barbara Martinez
Questions/Discussion	Open
Closing Remarks	David Griffin



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OPENING REMARKS



Government Co-Chair
Mr. David Griffin



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OPENING REMARKS



RAB Community Co-Chair Remarks
Mr. Pete Hoffmann

BOARD ADMINISTRATION

Approval of Fall 2024 Minutes



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WORK STATUS UPDATE

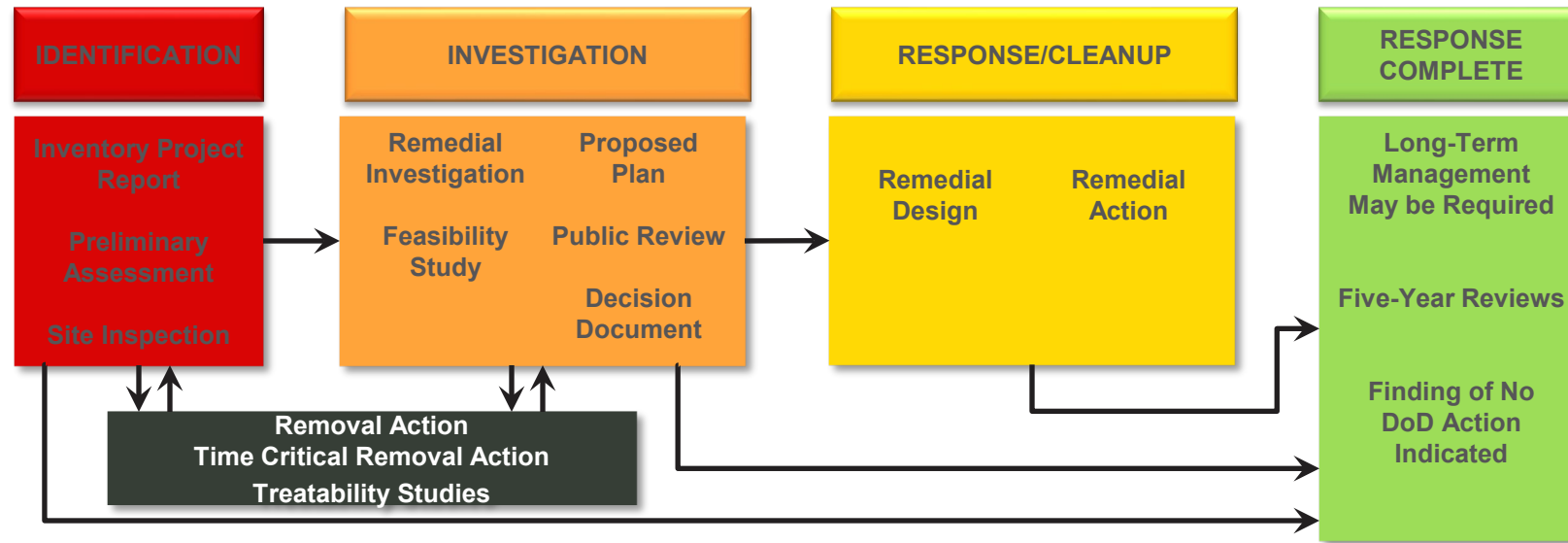


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FUDS Process Overview



(U.S. Army Corps of Engineers Environmental Regulation 200-3-1, FUDS Program Policy, December 2022)



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2024 PROJECT AREAS



2024 HAWAII FUDS PRIORITY RANKING FOR WAIKOLOA MANEUVER AREA

2024 WMA Ranking	Project No.	Project Name	Phase	MRSP
1	02	Areas B,O,Q&J-Cleared	RA-C	3
2	04	Areas B,O,Q&J-Remnants	RD	3
3	22	Area P	RA-C	3
4	10	Sector 17D	RD	2
5	20	Sector 16A-E	RI/FS	5
6	21	Sectors 17A,B,C,E&F	RI/FS	2
7	01	Areas A and G	RI/FS	3
8	23	Area F	RI/FS	3

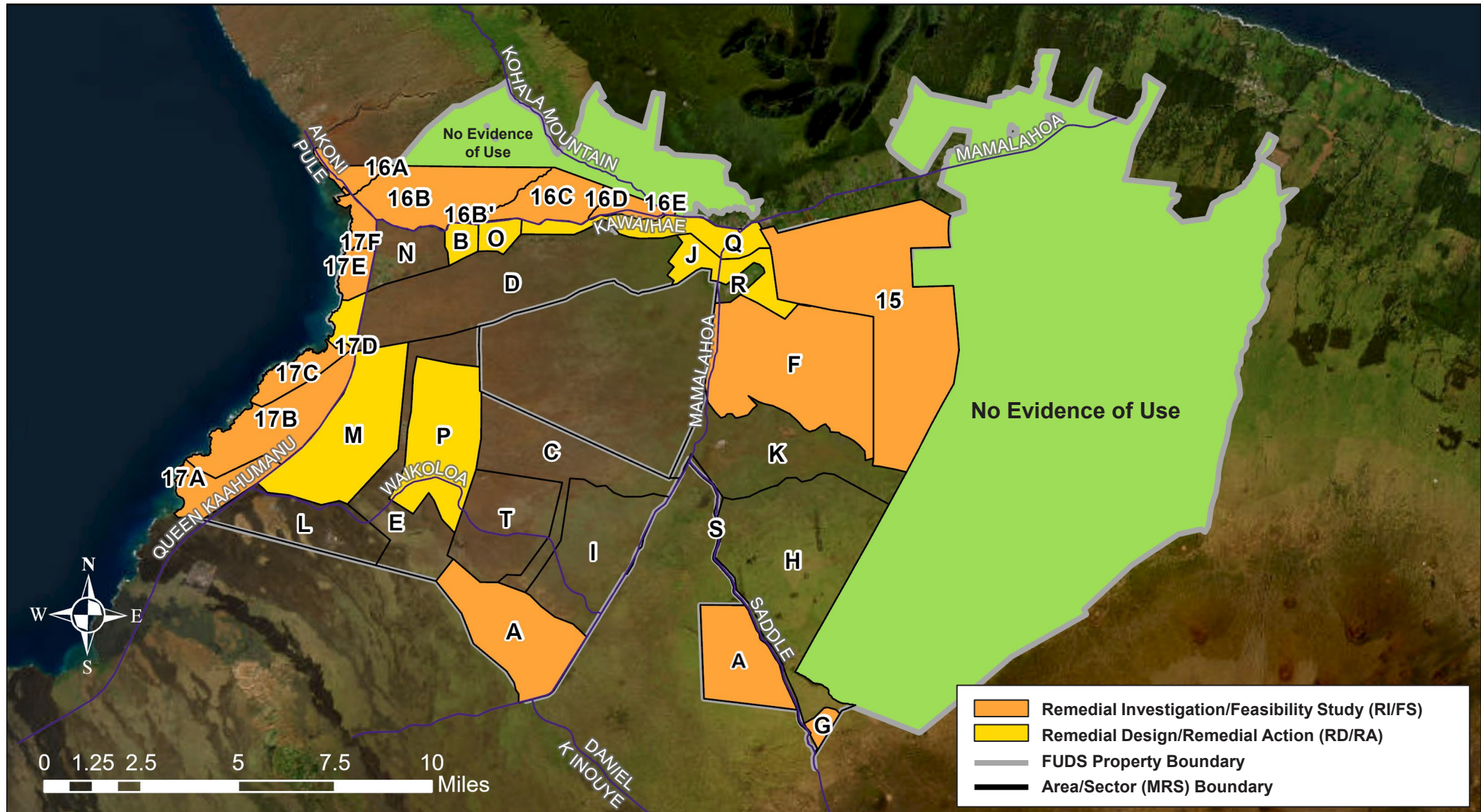
Typically based on risk



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FY22/23 PROJECT STATUS

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WORK STATUS UPDATE

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CERCLA Phase

- Remedial Investigation/
Feasibility Study
- Remedial Design
- Remedial Action - Construction

Project Area

- Project 01 - Areas A & G
- Project 20 - Sectors 16A, 16B, 16C, 16D, 16E
- Project 21 - Sectors 17A, 17B, 17C, 17E, 17F
- Project 23 - Area F
- Project 02 - Area B,O,Q,J-Cleared
- Project 04 - Area B,O,Q,J-Remnant
- Project 10 - Sector 17D
- Project 18 – Area R



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WORK STATUS UPDATE

RI / FS **(Remedial Investigation / Feasibility Study)**

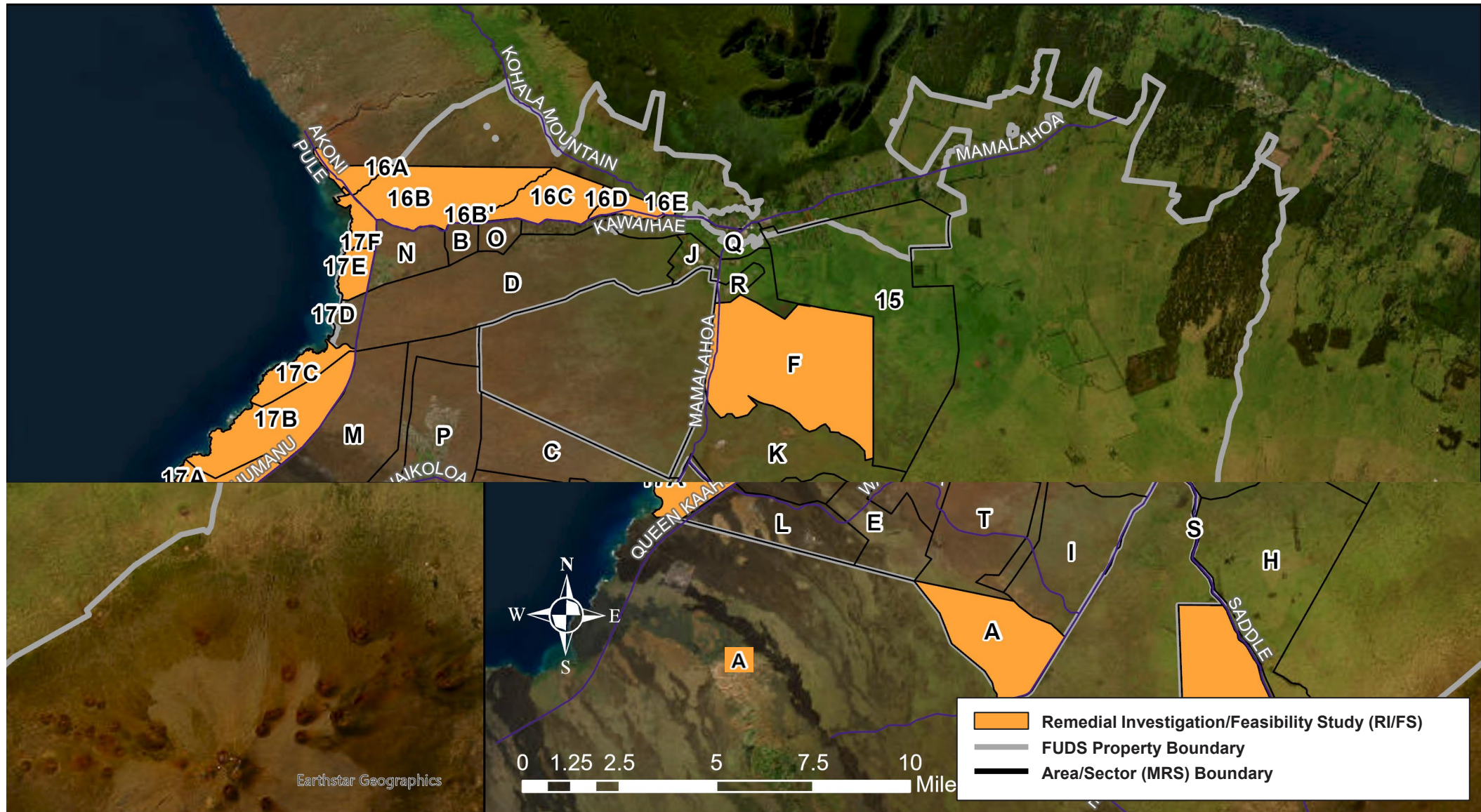
Determine Nature and Extent of Contamination



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CURRENT RI/FS PROJECT LOCATIONS



AREAS A & G (PROJECT 01)

➤ Status

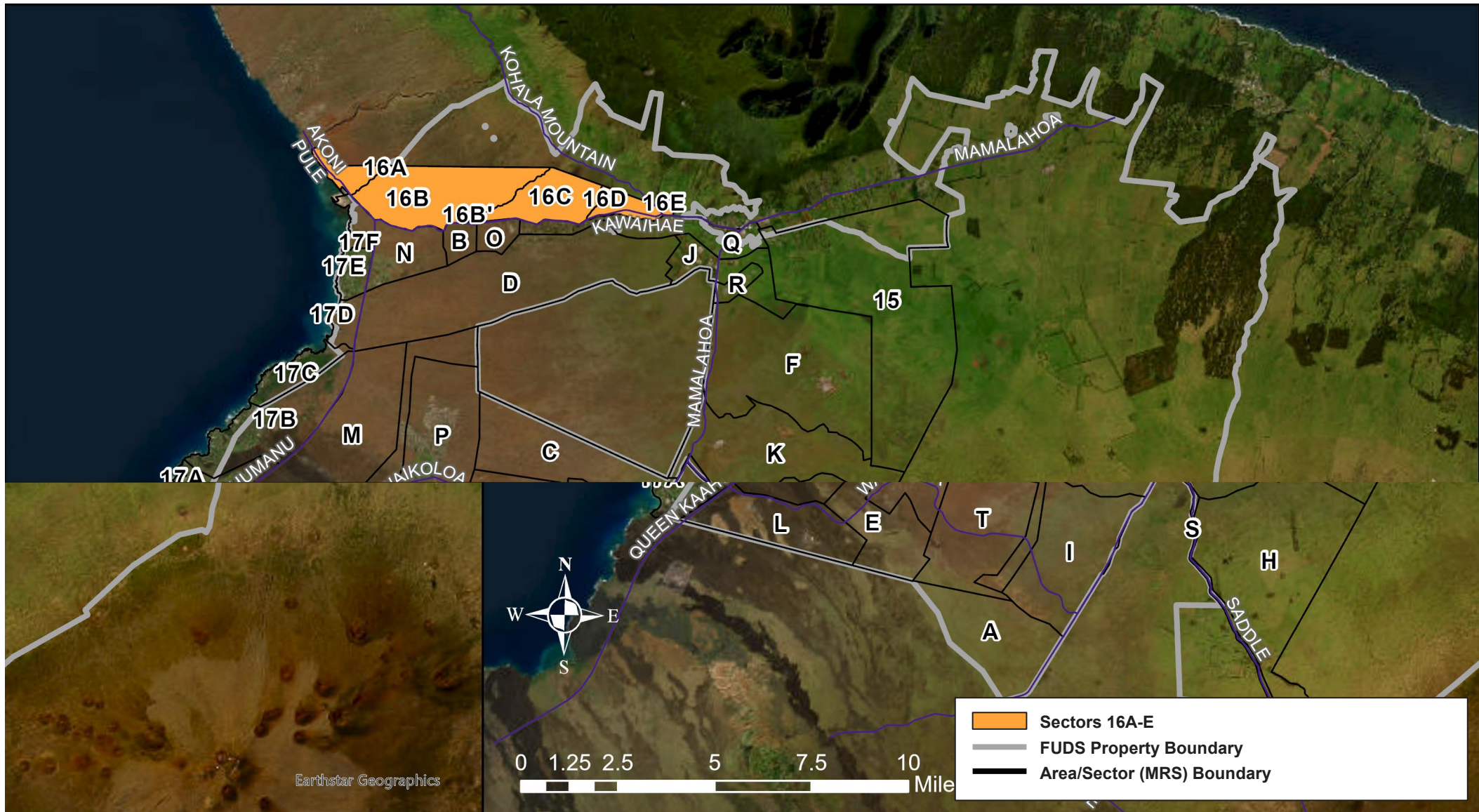
- Final RI Report concurrence letter received from HDOH August 28, 2024
 - Delineated historic range fan into Area T
 - Recommended No Further Action for remaining MRS
- Final PP completed January 9, 2025
- Public Meeting January 23, 2025
- Public Comment Period from January 9 to February 10, 2025
- ROD anticipated September 2025



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SECTOR 16 (PROJECT 20)

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SECTOR 16 (PROJECT 20)

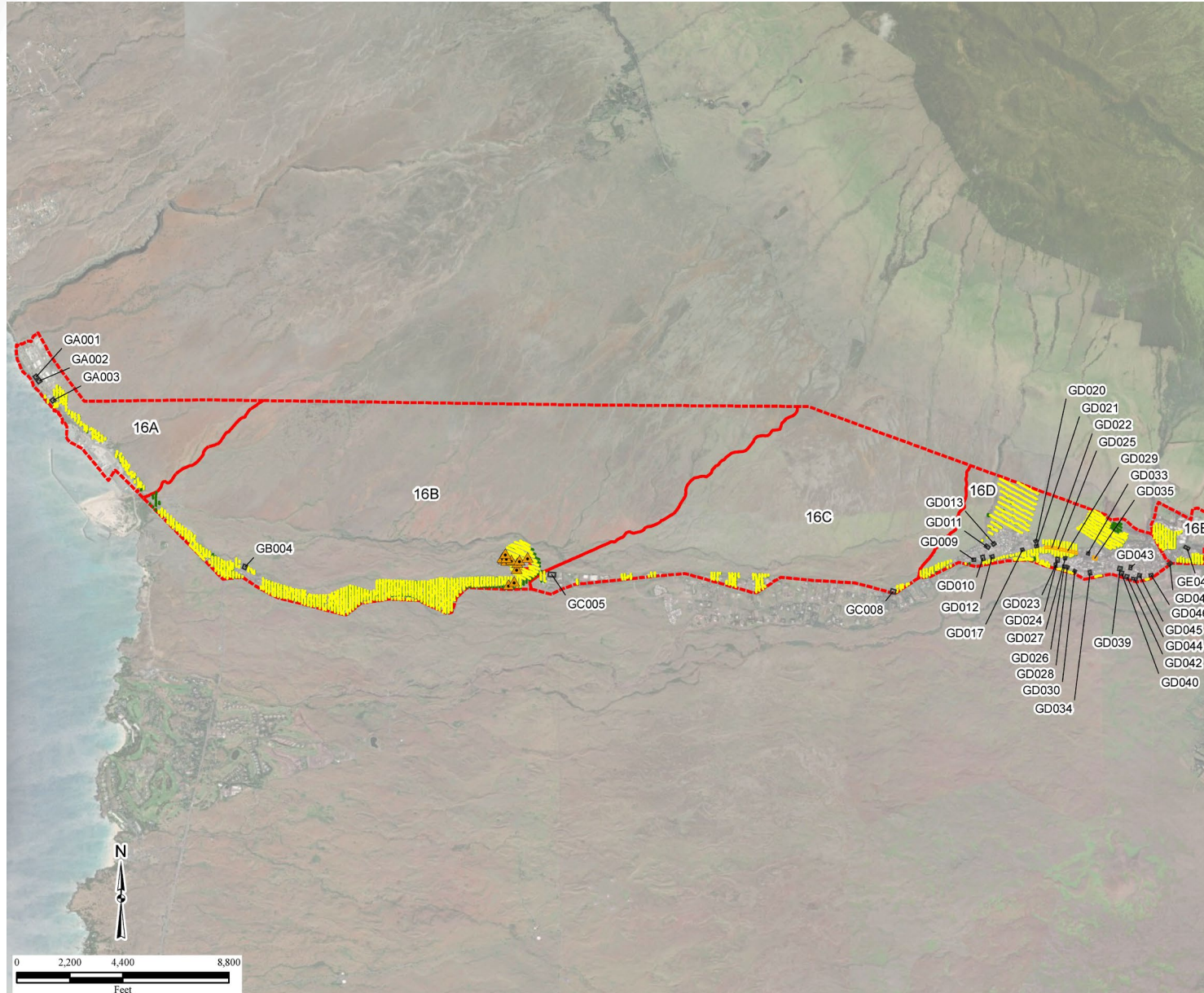
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➤ Status

- Fieldwork commenced in November 2024 for investigation of parcels with executed Right of Entry authorizations (ROEs).
- Conducted Advanced Geophysical Classification (AGC) data collection for first phase of field work.
- Data processing underway
- Remobilization planned for May 2025 for additional data collection.







SECTOR 16 (PROJECT 20)



Completed Preliminary Characterization Transects, Grids, and Findings Project 20 (Sectors 16A–16E)

Legend

Findings from Surface Sweeps:

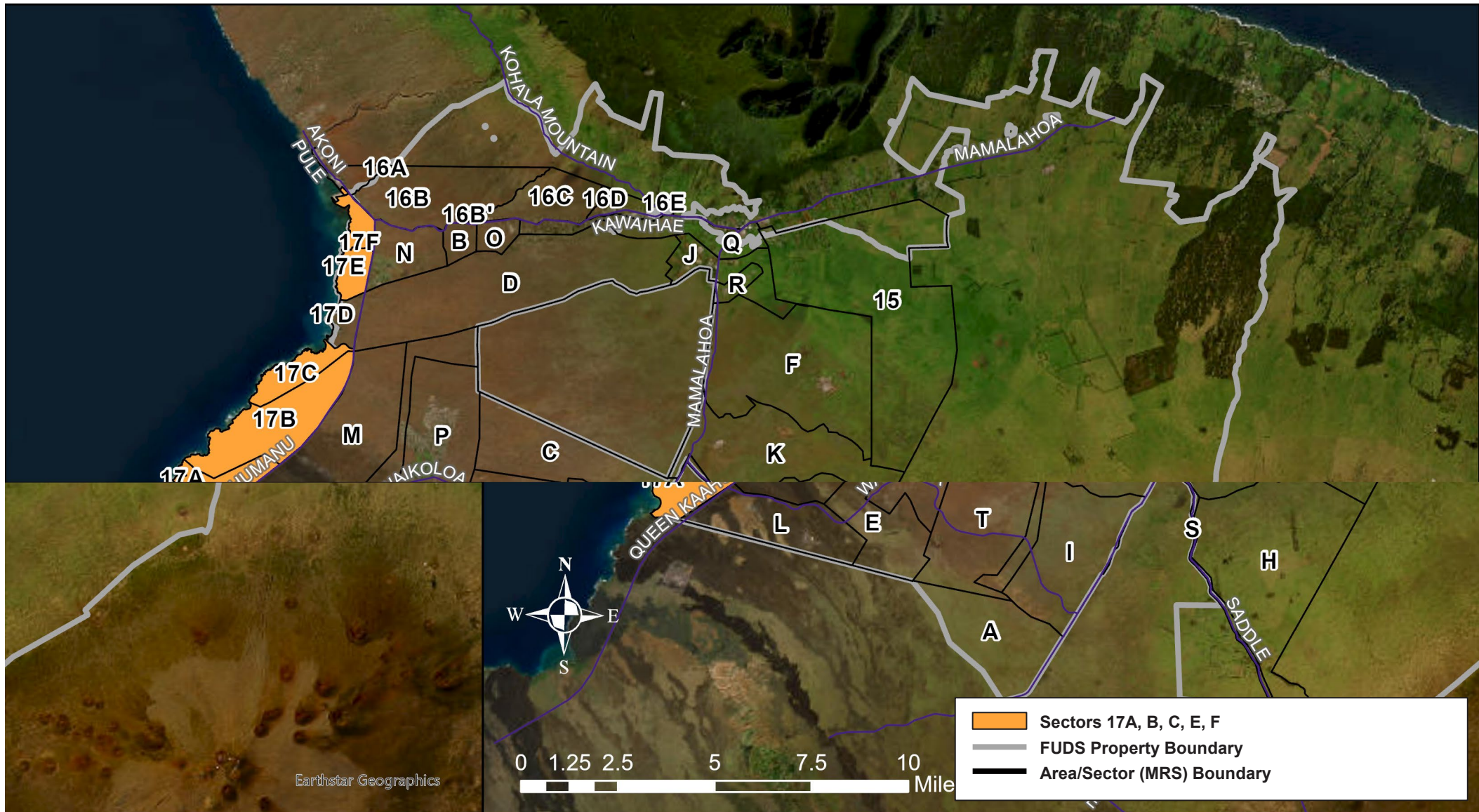
-  Munitions Debris
-  Completed Phase I APEX Transect
-  Completed Phase I Brush Clearance and Surface Sweep Transect
-  Completed Phase I Grid, APEX Complete
-  Phase I Grid In Progress, APEX Incomplete
-  MRS Investigation Sector



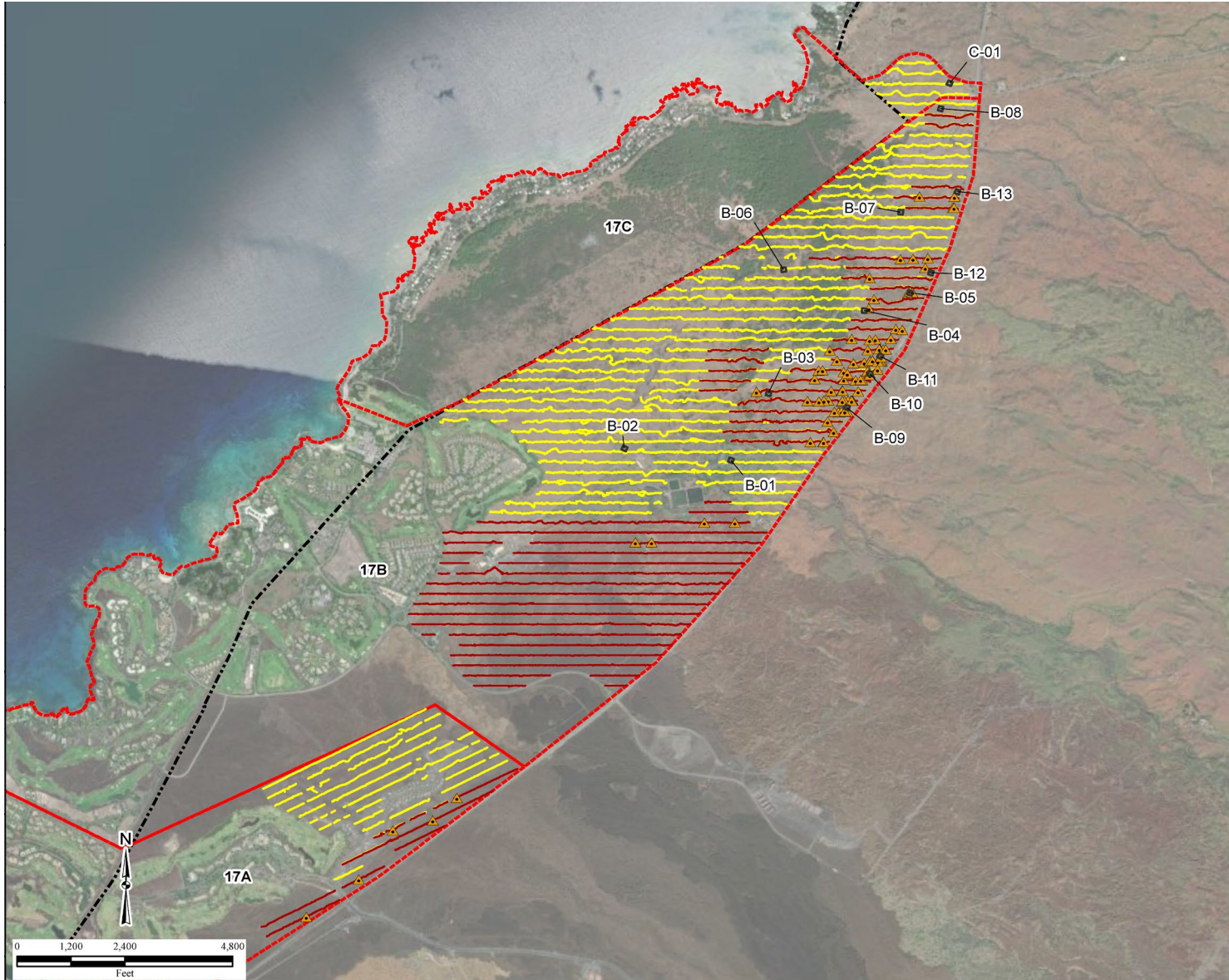
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SECTORS 17A, 17B, 17C, 17E, 17F (PROJECT 21)










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



Completed Transects and As-Built AGC Grids (Sectors 17A, 17B, and 17C)

Legend

AGM Transect Intrusive Findings:

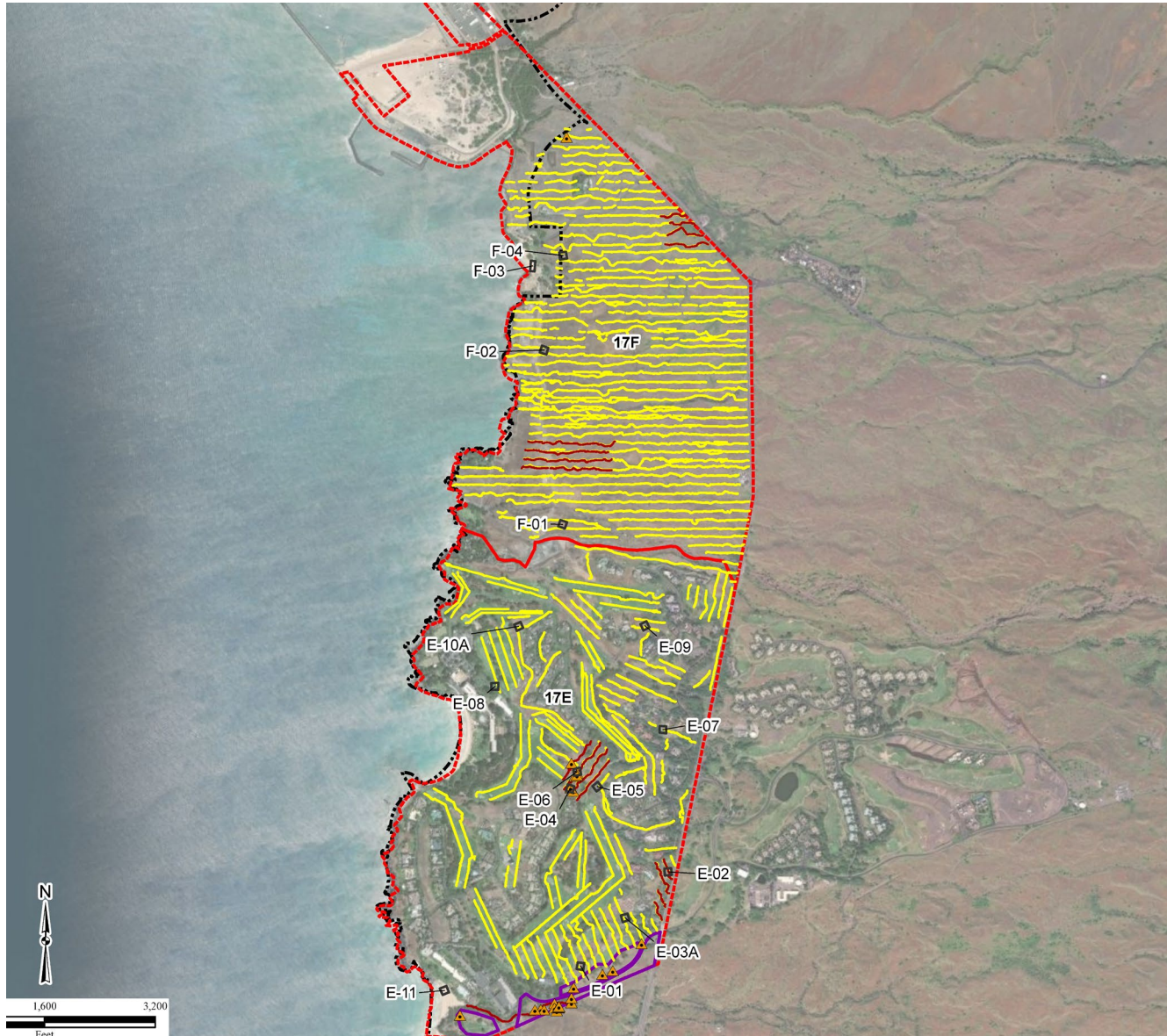
-  Munitions Debris
-  Small Arms Ammunition
-  Completed AGM Transect
-  Completed AGC Transect (APEX Sensor)
-  As-Built AGC Grid Location
-  Project 21 MRS
(Sectors 17A, 17B, 17C)
-  FUDS Property Boundary



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SECTORS 17E, 17F (PROJECT 21)








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Completed Transects and As-Built AGC Grids (Sectors 17E and 17F)

Legend

AGM Transect Intrusive Findings:

-  Munitions Debris
-  Small Arms Ammunition
-  Completed AGM Transect
-  Completed AGC Transect (APEX Sensor)
-  As-Built AGC Grid Location
-  Project 21 MRS
(Sectors 17E and 17F)
-  FUDS Property Boundary

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

➤ Status

- Fieldwork completed in February 2025
- RI Report – draft projected May 2025
- FS August 2025
- PP January 2026
- DD August 2026









AREA F (PROJECT 23)



Completed Transects and Installed Grids Former WMA, Project 23

Legend

AGM Transect Intrusive Findings:

-  Munitions Debris
-  Small Arms Ammunition
-  Completed AGM Transect
-  Completed AGC Transect (APEX Sensor)
-  Mamalahoa Highway
-  Installed Grid Location
-  Project 23 MRS (Area F)
-  FUDS Property Boundary

AREA F (PROJECT 23)

➤ Status

- Fieldwork complete January 2025
- RI Report – May 5, 2025
- FS October 2025
- PP May 2026
- DD August 2026



WORK STATUS UPDATE



RD (Remedial Design)

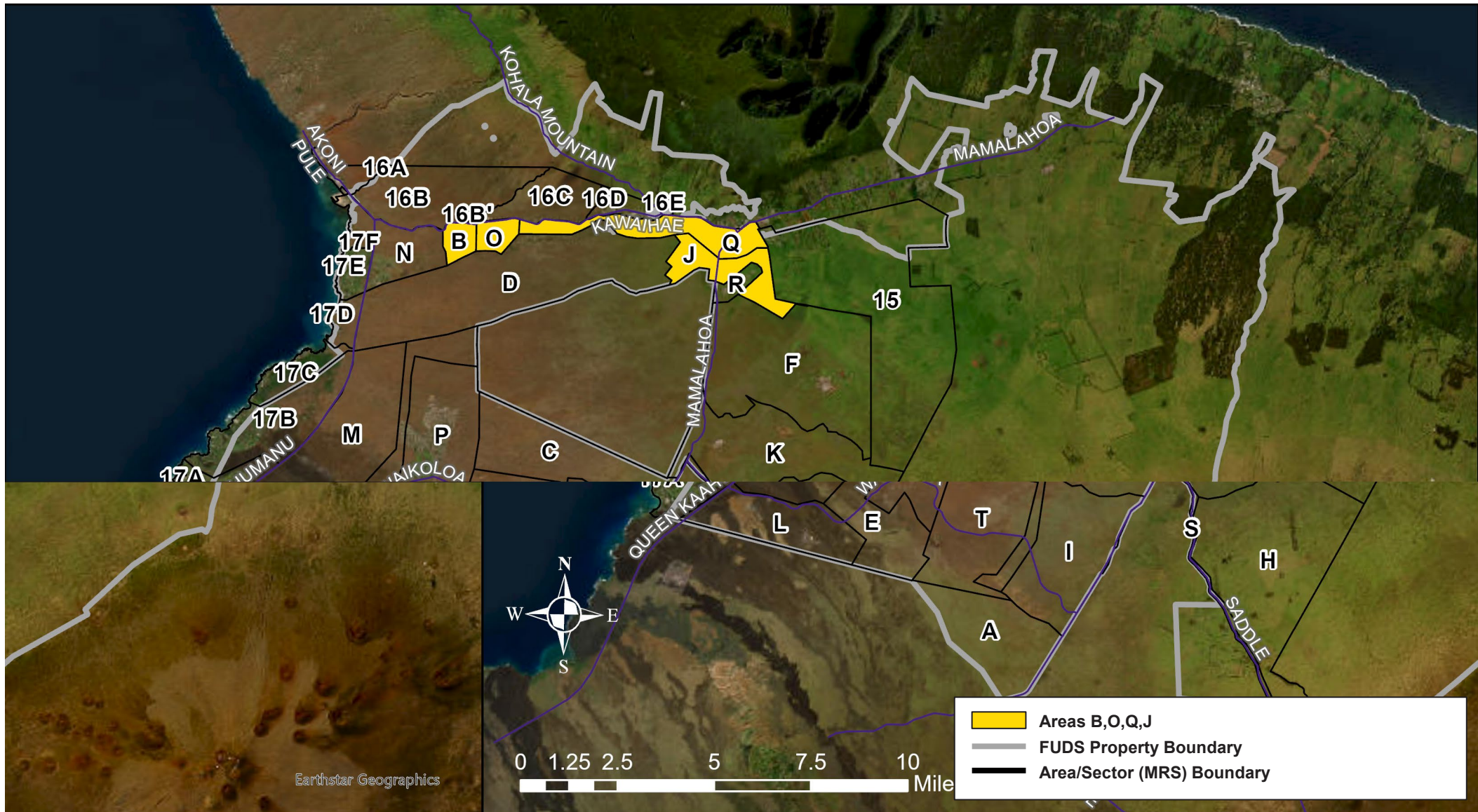
Remedial Technology Tested and Selected



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

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



➤ Status

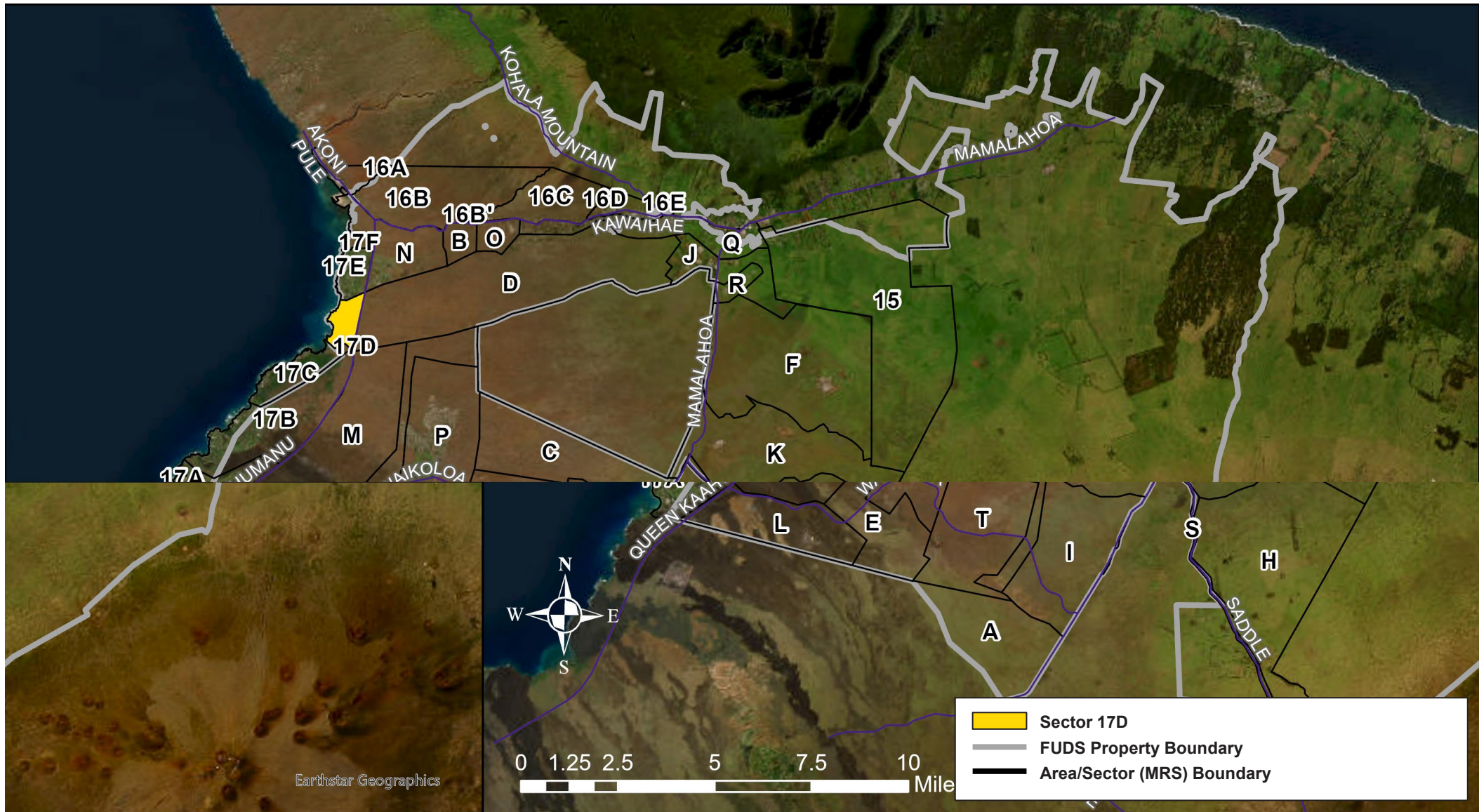
- Fieldwork completed May 2024
- Draft version of RD Report under review at EMCX
 - Results from RD effort will inform RA-C strategy.



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SECTOR 17D (PROJECT 10)





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SECTOR 17D (PROJECT 10)

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➤ Status

- Phase 1 transect data collection completed Fall 2024
- Phase 1 data has been accepted and preparations underway to mobilize for Phase 2 intrusive operations late Spring 2025



Hapuna Beach State Recreation Area
located in Sector 17D



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WORK STATUS UPDATE



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RA-C **Remedial Action - Construction**

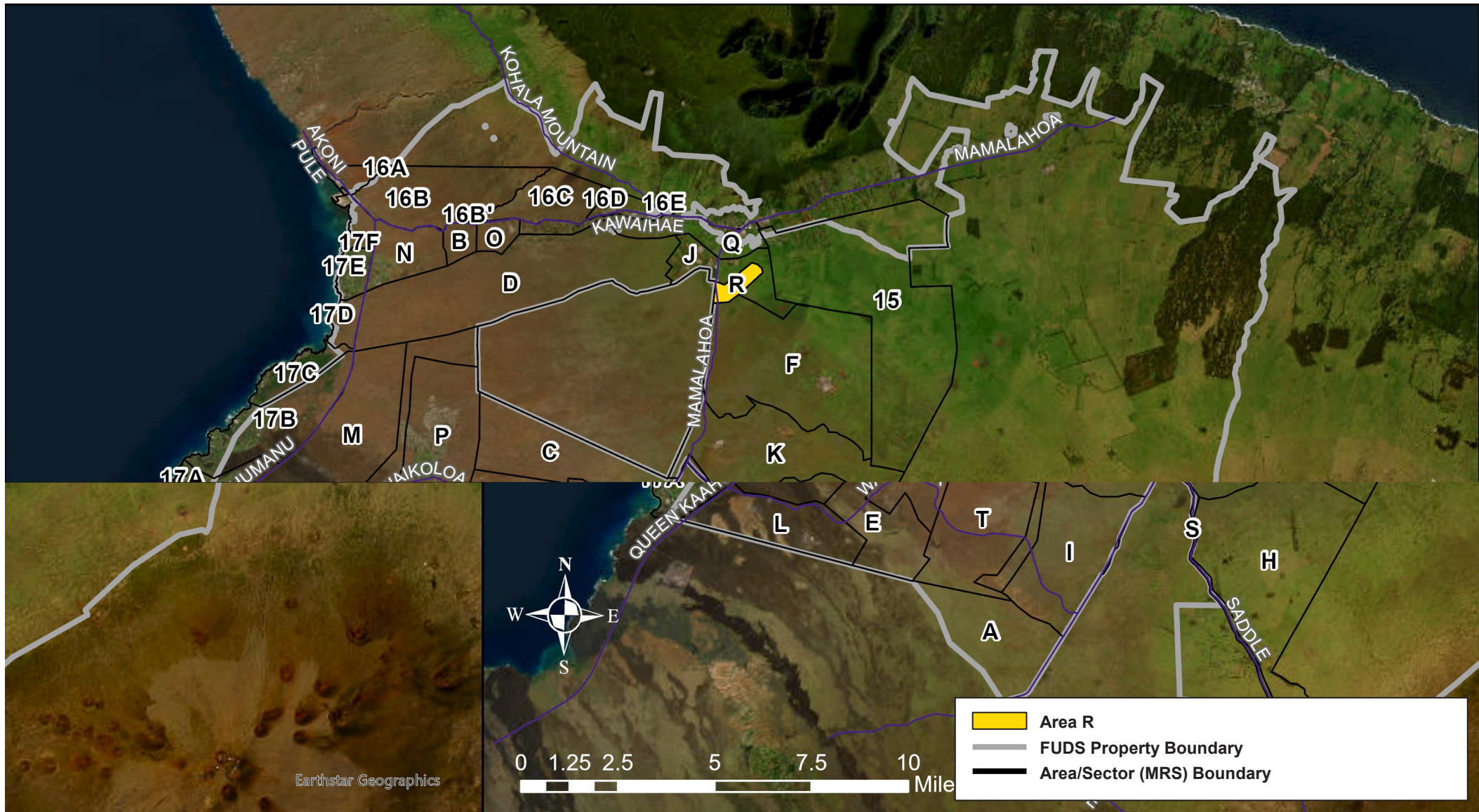
Implementation of Remedy



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AREA R (PROJECT 18)

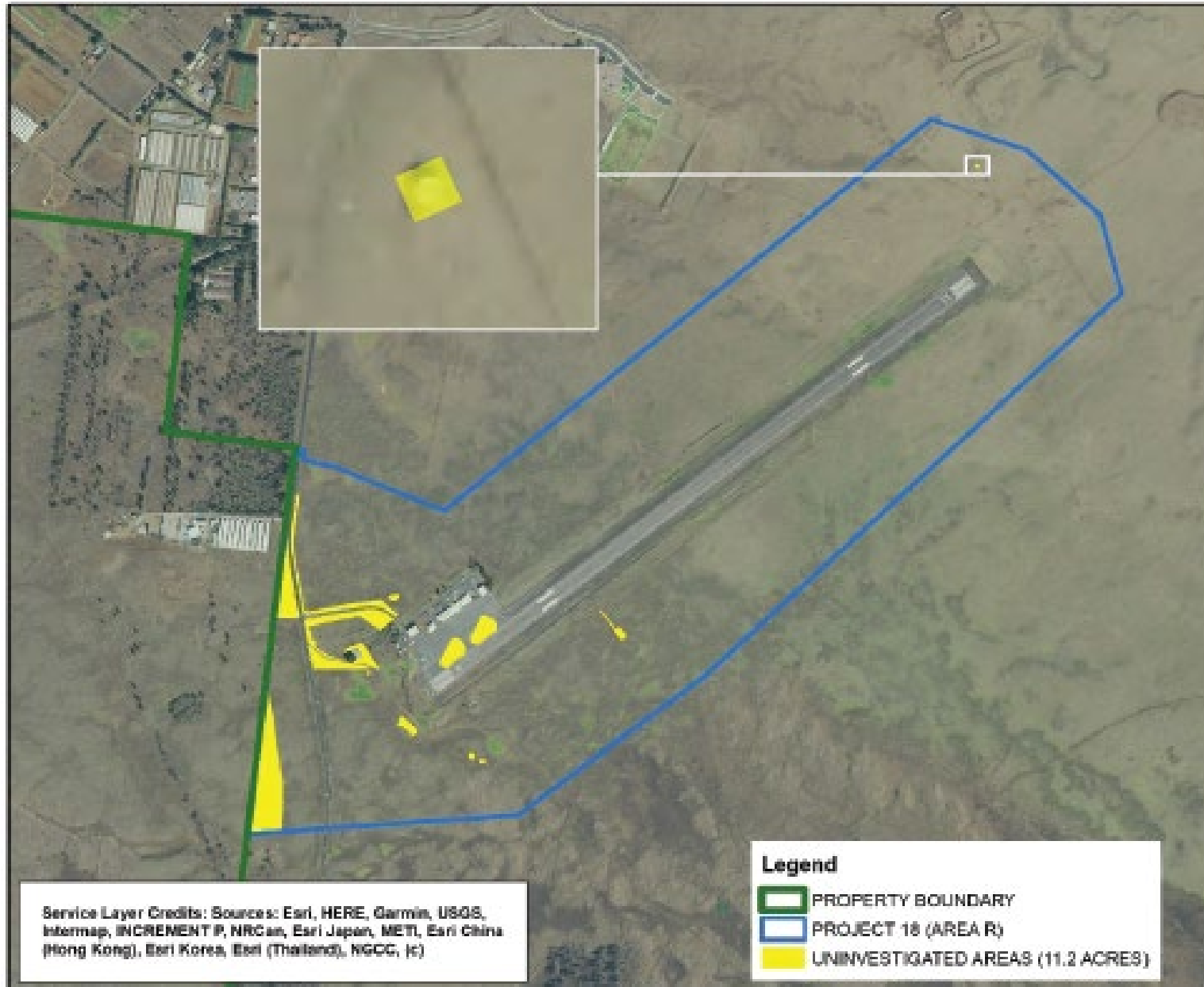




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AREA R (PROJECT 18)



AREA R (PROJECT 18)

➤ Status

- Initiated preparation of documents needed in advance of fieldwork.
 - Work Plan and Community Relations Plan with USACE for review
 - Explosives Safety Submission with EMCX for review
- Fieldwork planned for Fall 2025

WMA OUTREACH



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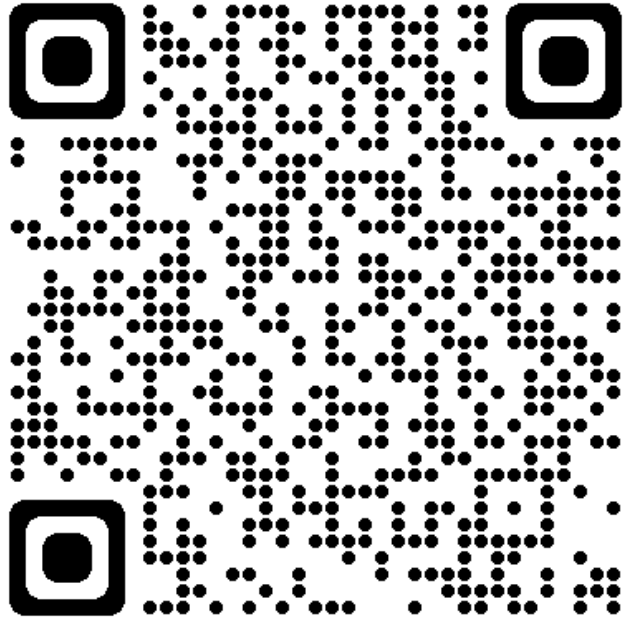
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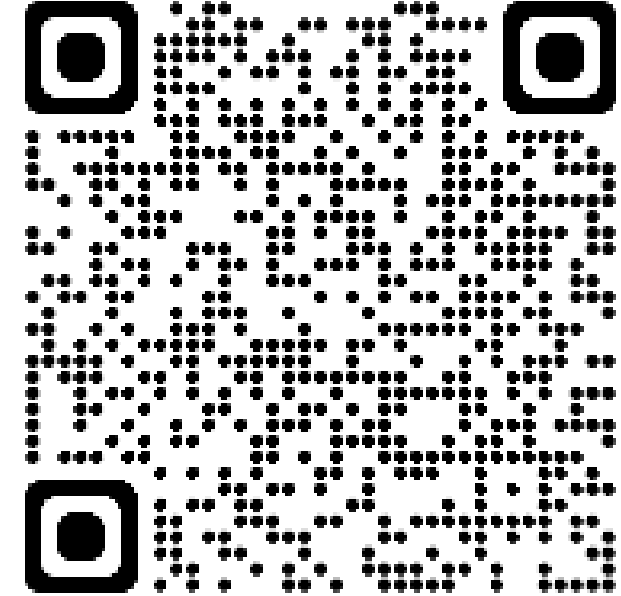


INFORMATION AT YOUR FINGERTIPS



Join our mailing list

Meeting reminders and
other updates



Visit our website

Meeting agendas,
recordings, project
updates, and other general
WMA information



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WMA COMMUNITY OUTREACH YEAR IN REVIEW

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The WMA Outreach Program:

Sent: 1,544 emails

Supported: 20 community events, meetings and school presentations.

We shared the 3Rs of Explosives Safety Message with approximately:

1,023 adults

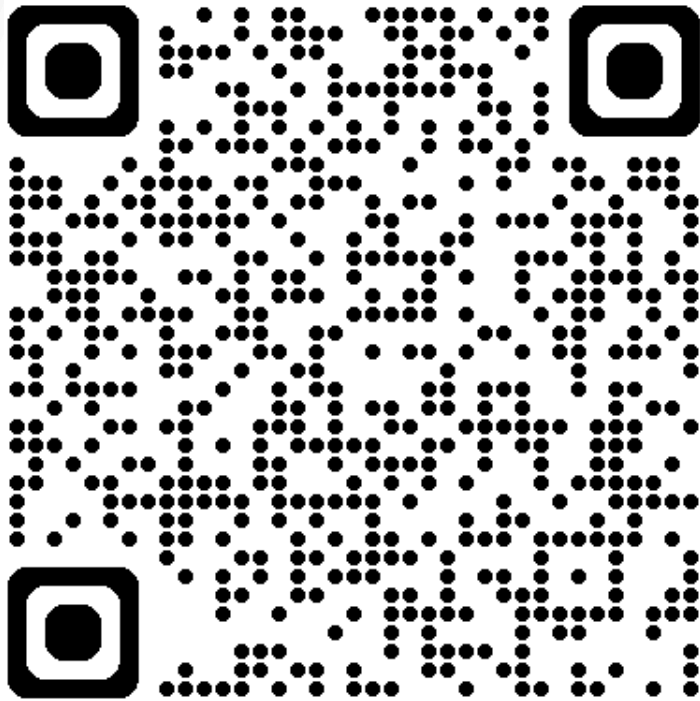
1,727 children

Let us know how we can do better!

WMAUXOInfo@usace.army.mil



WORK WITH USACE TO SCHEDULE YOUR OWN OUTREACH EVENT



Please reach out at least 3-4 weeks in advance of your event.

3rd Thursday Trainings

USACE Staff will be available to present 3Rs training.

These sessions are open to the public and are also available by request for the community.

If you would like to attend or schedule a 3rd Thursday Training, please email us at:

WMAUXOInfo@usace.army.mil

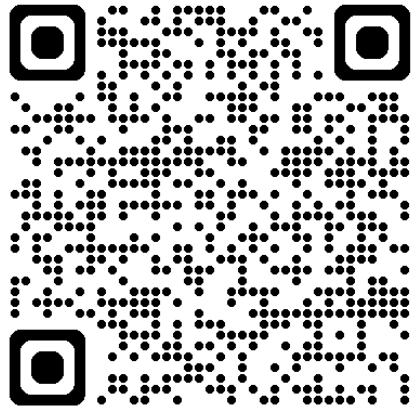


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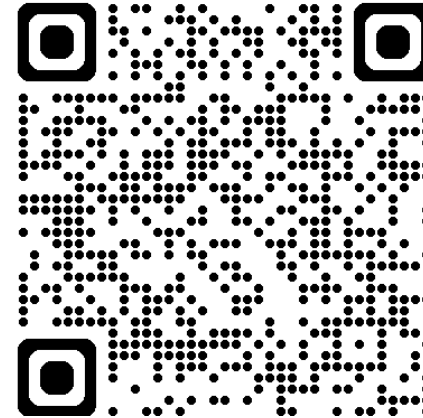
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WMA FUDS CONTACT INFORMATION



POH FUDS



HQ FUDS

David Griffin, WMA FUDS Manager

WMAUXOInfo@usace.army.mil

(808) 835-4079



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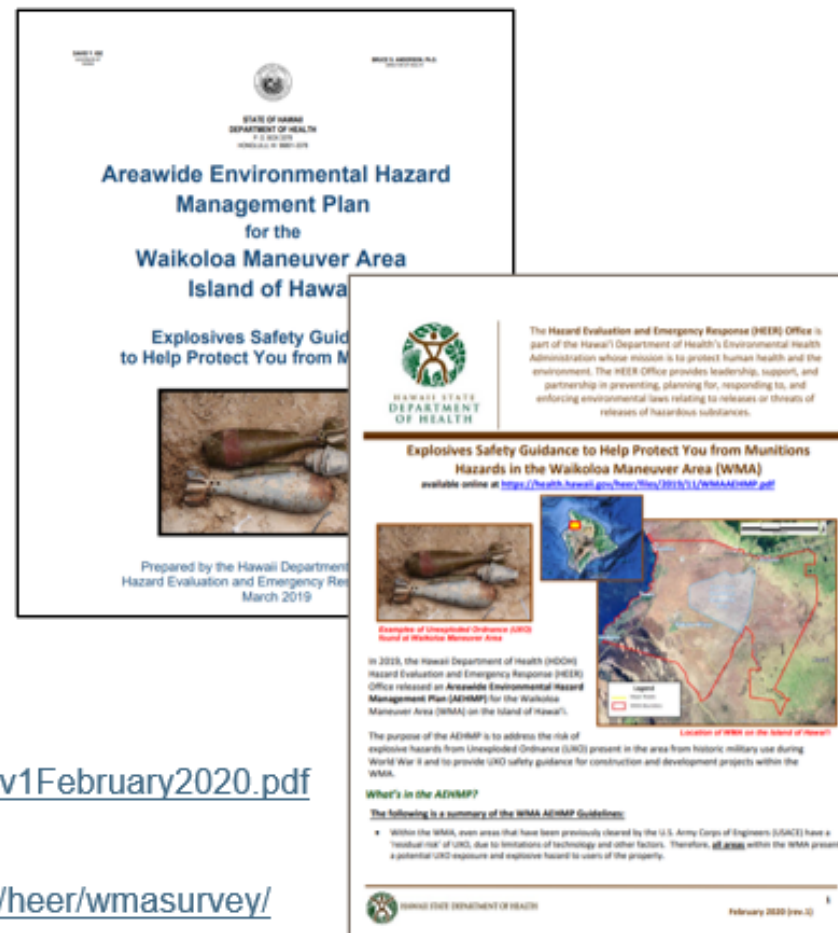


QUESTIONS?



2024 HDOH Waikoloa Maneuver Area AEHMP Update

- AEHMP: health.hawaii.gov/heer/files/2019/11/WMAAEHMP.pdf
- Fact Sheet: health.hawaii.gov/heer/files/2020/10/WaikoloaFactSheetRev1February2020.pdf
- One-Call Dig Clean Notifications and 2021 Mailings
- On-line survey about UXO at WMA: health.hawaii.gov/heer/wmasurvey/



HEER Office Contacts:

HEER Office Site Discovery, Assessment, and Remediation (SDAR) Section at **(808) 586-4249**.

WMA Remediation Project Managers (RPM)

Jennah Oshiro: jennah.oshiro@doh.hawaii.gov



HAWAII STATE DEPARTMENT OF HEALTH
HEALTHY PEOPLE - HEALTHY COMMUNITIES - HEALTHY ISLANDS



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QUESTIONS / DISCUSSION

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 Explosives 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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IF YOU SEE SOMETHING SAY SOMETHING!

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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.

