

DRAFT FINAL
WAIKOLOA MANEUVER AREA (WMA) RESTORATION ADVISORY BOARD (RAB)
Meeting Minutes

This document records the minutes of the WMA RAB meeting held on October 24, 2023.

Date: October 24, 2023
Time: 5:00 p.m.
Location: DHHL Kuhio Hale
64-756 Mamalahoa Highway, Waimea, Hawaii 96743

RAB Members Present:

David Griffin, Pete Hoffmann, Bruce Banick, James Dupont, Jeremie Evangelista, Sven Lindstrom

RAB Members Absent:

Wayne Awai, Gregory Fleming, Niniau Kawaihae

View RAB Fall 2023 Attendee List (Attachment 1) for a complete list of attendees.

PURPOSE: To update the RAB and community on progress of Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) related work completed within the Waikoloa Maneuver Area (WMA) since the Spring (May 23, 2023) RAB meeting.

Meeting Call To Order

RAB Government Co-Chair Mr. David Griffin called the meeting to order at 5:15 p.m.

Opening Remarks

Mr. David Griffin opened the meeting by welcoming the community members in attendance. He then introduction US Army Corps of Engineers (USACE) Honolulu District Commander, Lieutenant Colonel (LTC) Ryan Pevey, who provided an opening statement by telephone.

LTC Pevey opened by saying “mahalo” to the attendees for their time and attendance to the Waikoloa Maneuver Area (WMA) Restoration Advisory Board (RAB) meeting. He said it has now been a year since his first RAB meeting and a little over 4 months since his second meeting with the board, which has given him time to reflect on the importance of the RAB’s mission. Over the past year, LTC Pevey said he has seen, firsthand, how close the Hawaiian communities are and how everyone comes together when needs arise. USACE has been working closely with the recovery efforts on Maui with LTC Pevey spending time there working on that mission. He reflected back on the May 2023 WMA RAB meeting, when he had to leave the meeting early due to relief efforts on Guam after Typhoon Mawar, stating that it’s been a busy summer for USACE disaster relief missions.

LTC Pevey stated recovery on Maui will be ongoing for a long time and that USACE, alongside federal, state and local agency partners, will continue to support the people of Hawaii on Maui. He stated that he feels humbled and proud and honored he is to be a part of the mission and expressed sympathy for those affected by the Lahaina fires.

LTC Pevey said that the lessons he has learned from his time on Maui have impacted him and will stay with him for the rest of his life. One concept that has made an impression on him was the importance of “pono” – the righteousness of balance. He has learned just how vital it is to take time to allow the land and the community to heal together. He feels it’s been his “kuleana” [responsibility] to help federal agencies outside of Hawaii to better understand and respect the history of Hawaiian culture and its cultural heritage, stating that this part of the mission is probably the most important thing USACE does on a daily basis.

LTC Pevey stated that, despite the critical recovery missions being done on Maui and Guam, USACE remains focused on making progress in the Waikoloa Maneuver Area (WMA). He said one of the first things he told his team when he has had to deploy for disaster recovery missions was that the efforts in the WMA needed to remain a priority, and it continues to be a priority in USACE’s program. This focus includes Department of Hawaiian Home Lands parcels in Pu’u Kapu and Lalamilo, which are on the agenda for this meeting. USACE continues to work closely with County of Hawaii’s Office of Housing and Community Development as they plan for future use of the land. He stated attendees have likely seen USACE team members and contractors in their neighborhoods, performing investigations and removal of munitions. He stated he understands that it’s a great inconvenience when residents are asked to evacuate their homes during these investigation activities and he personally appreciates their cooperation and understanding when the need for evacuations arise. USACE’s number one priority is the personal safety of everyone impacted, wherever USACE is working.

LTC Pevey concluded by thanking the RAB members for volunteering and the community for staying engaged with USACE throughout this process. He explained that their attendance shows that they care for their community and neighbors, which aligns with his personal values of “ohana” [family] and the Honolulu District’s priorities of people, partners and programs. He said he hopes that, after the meeting presentation, the attendees will see the positive impact that USACE and the RAB is making on the WMA remediation efforts; progress is being made. He ended with a message of gratitude for the attendees allowing him a chance to provide his statement.

Mr. Griffin asked RAB Community Co-Chair Mr. Pete Hoffmann to provide his opening remarks.

Mr. Hoffmann thanked everyone for attending and spoke to the community’s knowledge and involvement in the efforts around WMA. He said that, while he sees members with the knowledge and an interest in the ongoing efforts, he has also observed an increasing decline in general community awareness of what the RAB is all about and the work that has been going on over the last 20+ years. He urged and encouraged the RAB members and meeting attendees to spread awareness of the WMA RAB’s mission as there is no reason for the community to

not have at least a general idea of what is happening with these USACE efforts in the Waikoloa and Waimea areas. Spreading awareness is the job of all individuals within USACE, the RAB and the community. Mr. Hoffman said that he hopes to see a much higher attendance for the during the Spring 2024 WMA RAB meeting as community members should have an interest in the efforts that impact them and their neighbors.

Mr. Griffin recorded the RAB members present with a roll call. RAB members in attendance were Mr. Pete Hoffmann, Mr. Sven Lindstrom, Mr. James DuPont, Mr. James Evangelista and Mr. Bruce Banick. RAB members absent were Mr. Greg Fleming, Mr. Wayne Awai and Ms. Niniau Kawaihae.

Mr. Griffin presented the RAB Agenda, elaborating on a few topics, including a focused discussion on Right of Entry (ROE). He noted staff from USACE contractor Bristol were present in the back of the room available to answer questions and provide more detailed information on that subject, and those same individuals would also be available during tomorrow's ROE Open House to be discussed later in the meeting. Mr. Griffin then addressed Mr. Hoffmann's concerns regarding community involvement, explaining that Ms. Edwyna Brooks will be speaking about the community outreach efforts being made by USACE to bring awareness of the USACE mission in WMA to the community. He noted there will be time for questions and discussion later in the meeting, encouraging attendees to bring up any questions or comments to the group to address. Then the meeting will conclude with closing remarks. Mr. Griffin reminded the attendees that the meeting is being held for them and encouraged them to ask any questions they have throughout the presentation.

Board Administration

➤ Governance

- Mr. Griffin called for approval of the Spring 2023 WMA RAB meeting minutes distributed to the RAB members via email for review and comment prior to the meeting. Mr. Hoffmann made a motion to approve, with Mr. DuPont seconding. Spring 2023 WMA RAB Meeting Minutes were approved. See Attachment 3.
- Mr. Griffin introduced Ms. Nancy Charles-Parker, explaining that she had submitted her application to join the RAB prior to the May 23, 2023 meeting; however, technical issues during the virtual portion of that meeting prohibited her from introducing herself during that meeting. Ms. Charles-Parker then introduced herself stating that she had been a diplomat for 35 years, living in 13 foreign countries. She's happy to be living in the United States again and mentioned that she first visited Hawaii 50 years ago and is excited to be back. Her interest in joining the RAB is to learn where unexploded ordnance (UXO) has been found in the past and to develop an ability to recognize UXO should she happen to encounter any in the future. Mr. Griffin added that Ms. Charles-Parker lives along the coast in the "resort area" so it will be beneficial to have her as a voice for the residents in that geography. Mr. Griffin asked the RAB for a motion to nominate Ms. Charles-Parker for addition to the RAB. Mr. Hoffmann moved to approve her nomination with Mr. Banick seconding. By this action, Ms. Charles-Parker was added to the WMA

RAB. Mr. Griffin invited Ms. Charles-Parker to be seated at the RAB tables with the other RAB members.

➤ **Old Business**

- Mr. Griffin explained that RAB member Mr. Fleming attended the Spring 2023 meeting virtually and was unable to ask the questions that concerned him. He was, however, able to post his questions regarding support of community development in the virtual chat. Mr. Griffin explained that USACE participates with the County of Hawaii to learn and understand their development plans. USACE is also in touch with private developers who are seeking information and updates on USACE efforts in WMA. While Mr. Fleming could not attend this meeting, Mr. Griffin will be reaching out to him to respond to his specific questions from the Spring 2023 meeting.

➤ **New Business**

- Mr. Griffin mentioned that USACE is actively sending out ROE letters for Sector 16 (Project 20), Sector 17 (Project 21), Area F (Project 23) and Sector 17D (Project 10). These ROE letters include his contact information for those who have questions regarding the ROE. He explained that he gets a couple calls each day from landowners with ROE questions so USACE will be hosting an ROE Open House event at the USACE Waimea field office on October 25th. USACE contractor Bristol will be present and community members can attend to ask questions about their ROE, get a copy of their ROE, drop off a new signed ROE, etc. Mr. Griffin noted USACE provides a self-addressed, stamped envelope for landowners to return their ROE document, but community members are also welcome to drop them off in-person at the USACE Waimea field office. The October 25th ROE Open House will run from 9 a.m. to 4 p.m. to assist residents in understanding and signing ROEs.

Work Status Update

a) **CERCLA Process**

- Mr. Griffin provided an overview of the CERCLA Process presenting a flowchart of the CERCLA clean-up phases. He explained CERCLA is a long and comprehensive process, starting with Preliminary Assessment (PA) and ending with Long-Term Management (LTM). Mr. Griffin will be referring to these CERCLA Process phases as different projects are being reviewed throughout the presentation. Mr. Griffin reminded the attendees that projects will spend a lot of time in the Remedial Investigation/Feasibility Study (RI/FS) phase and the Remedial Design/Remedial Action (RD/RA) phase before reaching the Remedy-In-Place/Response Complete (RIP/RC) phase.

b) **2023 Project Areas**

- Mr. Griffin presented a chart detailing the 2023 Hawaii Formerly Used Defense Sites (FUDS) Priority Ranking For Waikoloa Maneuver Area, explaining that USACE confers annually with the Hawaii State Department of Health (HDOH),

and other stakeholders to develop site priority rankings. Mr. Griffin compared 2022 rankings with 2023 rankings, pointing out a few priorities.

- A number of priority sites hold the same ranking as 2022
- Area P (Project 22) (Waikoloa Village) is third on the priority list given the ongoing development there and USACE's need to partner with the County of Hawaii to facilitate that.
- Last year, Sector 15 (Project 19) was third but is no longer on the list as it's in its final stages (Proposed Plan and Record of Decision) with no further action required.
- Sector 17D (Project 10) is now fourth on the list, while it was seventh last year.

He also pointed out that most projects in the RI/FS phase have been moved up in the rankings, as they are focused on developing the nature and extent of contamination information required to move forward in the CERCLA Process. Mr. Griffin indicated a new ranking list will be developed soon and reviewed with the RAB during the Spring 2024 WMA RAB meeting.

- Mr. Griffin presented the Fiscal Year (FY) 22/23 Project Locations map, comparing it with the FY23/24 Project Locations map, pointing out the change of status in Sector 15 (Project 19) (Pu'u Kapu Parcel), moving it to "No Further Action" as it is in the Proposed Plan phase with the Record of Decision being prepared. He then pointed out that Area M (Project 07) & Area P (Project 22) are no longer shown in the Remedial Action – Construction (RA-C) phase. Five-Year Reviews have been completed, to be discussed later in the meeting. Additional remediation work will be done in the Waikoloa Village Area P (Project 22), with a Work Plan in progress for that effort.

c) Remedial Investigation/Feasibility Study (RI/FS) – Determine Nature and Extent of Contamination

- Mr. Griffin reviewed a map of all projects in the RI/FS phase, stating that the purpose of this phase is to "determine nature and extent of contamination". He mentioned that a Remedial Investigation (RI) Report is in progress for Areas A & G (Project 01) while Sector 16 (Project 20) and Sector 17 (Project 21) are preparing for field work. Field work investigation has been initiated for Area F (Project 23) and the Quality Assurance Project Plans (QAPPs) have been approved for the remaining RI/FS sites.
- Areas A & G (Project 01): Mr. Griffin said that the Draft Final RI report is under USACE review. Once that report is finalized, it will be sent to HDOH for their review. A historic range fan covered some of this area, with USACE reviewing that closely to ensure it is defined correctly. Next steps are anticipated to be Proposed Plan and a Record of Decision (ROD).
- Sector 16 (Project 20): Mr. Griffin pointed out Sector 16 (Project 20) is located north of Kawaihae Road. The Remedial Investigation Work Plan has been approved for this project and is currently going through the ROE process. USACE is working closely with residents to obtain ROEs in order to receive enough access to begin investigation of the area. Mr. Griffin explained that the second Systematic Project

Planning (SPP) meeting was held on August 23, 2023 during which comment backcheck on the QAPP was completed. First ROE letters were mailed out late September with a public meeting to be held October 25, 2023. Field work is expected to begin early 2024, pending receipt of a sufficient number of ROEs.

- Mr. Hoffmann asked how many residents have denied ROE. Mr. Griffin explained there are two ways to deny ROE. A resident can either actively deny ROE by calling USACE or returning the ROE letter indicating that they decline. Or they can passively deny ROE by simply not responding to the ROE letter. USACE contractor Clark Limoges of Umyuaq Consulting Group (Bristol Alliance of Companies) indicated the first mailing of 440 letters obtained approximately 100 positive responses and approximately a dozen ROE refusals. The second mailing will consist of approximately 300 letters to those who did not respond to the first letter.
- Attendee JoJo Tanimoto asked if USACE can enter a property if the resident fails to respond to the ROE letter. Mr. Griffin assured her that USACE cannot enter a property if the resident is unresponsive, as no response is considered denial of ROE. Ms. Tanimoto indicated she did not receive any ROE letters. Mr. Griffin stated that everyone registered in the county database with their name on a parcel in the area of concern should have received a ROE letter, so asked her to see USACE staff after the meeting to discuss.
- Mr. Lindstrom asked Mr. Griffin what kind of outreach has been done to encourage the community to attend the ROE Open House on October 25th. Mr. Griffin indicated a Constant Contact mass email was issued and the WMA newsletter also announced the Open House.
- Mr. Griffin summarized that the Sector 16 (Project 20) public meeting was advertised in a local newspaper, as was the Sector 17 (Project 21) public meeting. The ROE Open House was communicated only through the WMA newsletter and email announcements.
- Sector 17A, 17B, 17C, 17E, 17F (Project 21): Mr. Griffin stated this project is in the RI/FS phase and that USACE Project Manager Richard Tanaka was available to answer questions during and after the meeting. Mr. Griffin briefed that the SPP meeting was held in August of 2023 with the QAPP approved in early October, allowing USACE to provide a Notice to Proceed (NTP) to the contractors. The third round of ROE letters, issued by HDOH, was sent in late September. A public meeting was held in late August with another scheduled for October 25, 2023. Field work anticipated to begin in November 2023.
- Area F (Project 23): Mr. Griffin mentioned that Area F (Project 23) is a large parcel owned by Parker Ranch and containing a quarry. USACE has investigated this area before but will be returning with newer technology to examine the area again before completing the RI report. The SPP meeting was held in late August 2023 and the QAPP was approved by HDOH so the contractor can be given NTP. Parker Ranch and quarry representatives were invited to a project meeting in August (quarry reps could not attend) to explain the work that would be conducted on their property. Field work anticipated to begin in October 2023. He noted this is a single parcel requiring only one ROE.

d) Proposed Plan (PP) – Presents Alternatives for Site Cleanup and Recommends Remedy Selection

- Mr. Griffin elaborated on the Proposed Plan phase, stating that it fits within the RI/FS phase but is broken out into a separate category as it takes place after the RI/FS work activities have been completed.
- Sector 15 (Project 19): Mr. Griffin explained that the Sector 15 (Project 19) RI indicated no evidence of use, therefore the Proposed Plan was for no further action which was agreed upon by the community at the Proposed Plan meeting on August 12, 2023. Questions received from attendees in that meeting were included in the ROD, the Draft Final version of which is under review by USACE. Final signatures on the ROD are expected in late December 2023. Mr. Lindstrom informed Mr. Griffin the HDOH has already received, reviewed and returned the Draft Final ROD to USACE with their feedback.

e) Remedial Design (RD) – Remedial Technology Tested and Selected

- Mr. Griffin explained that the RD phase is where technology is tested and the best technology is selected to obtain the best results.
- Areas B,O,Q,J-Cleared and Remnants (Projects 02 & 04): Mr. Griffin provided some history on Projects 02 and 04, explaining that Areas B,O,Q and J were combined to create one project area but were then divided into B,O,Q,J-Cleared (Project 02) and B,O,Q,J-Remnants (Project 04). “Cleared” defines where work a Non Time Critical Removal Action was completed. “Remnants” defined areas where work was still required.
 - Mr. Griffin then provided a status update, stating that USACE contractors continue vegetation removal, surface sweeps, geophysical data collection and intrusive investigations. Field work is expected to be completed in the next six months with an RD report expected in late 2024.
 - Mr. Griffin explained two photos in the presentation, showing hand grenades that had been removed from stream beds and banks areas of Areas B,O,Q,J. He indicated there have been some needs to evacuate as contractor teams have needed to intrusively investigate metallic signatures detected.
- Sector 17D (Project 10): Mr. Griffin explained that Sector 17D (Project 10) was broken out from the remainder of Sector 17 (A, B, C, E and F) to proceed ahead of those and is currently in the RD phase.
 - The SPP meeting was held in August 2023 and the QAPP was approved in early September 2023.
 - A request for ROE was presented to the Department of Land and Natural Resources Land Division in mid-October 2023. USACE staff provided testimony and answered questions at the Land Board meeting on October 13, 2023 where verbal approval was granted by the Land Board to begin the ROE process. USACE is currently waiting to receive the completed ROE paperwork.
 - Field work is expected to begin in January 2024. Mr. Griffin explained that Sector 17D (Project 10) includes Hapuna Beach State Recreation Area,

where Hawaii Department of Land and Natural Resources requested the field work be delayed until after the tourist season slows down. This allows mobilization and initial field work to begin in January.

- Mr. Hoffman asked if the beach area of the park would require closure during upcoming field work. Mr. Tanaka explained that investigation activities requiring digging where UXO might be encountered would require certain areas of the beach to be closed. Mr. Griffin elaborated that “exclusion zones” are typically established to keep people out of potentially hazardous areas during investigation activities, but exclusion zones would not close the entire beach. Mr. Hoffmann noted Hapuna Beach is crowded in January and that he wasn’t confident January is off-season for tourists. Mr. Tanaka explained that Hawaii Department of Land and Natural Resources asked that no work be performed on the beach during the November through January to avoid the busiest time for tourism, but that USACE can begin mobilization of personnel and equipment to the site in January. Addressing Mr. Hoffmann’s concern, Mr. Griffin added that there probably never is a “good” time to begin field work at the beach, but January is probably the “best” time there is. He also noted there is significant Sector 17D (Project 10) acreage not along the beach, where field work will also be completed without impacting beach use.
- Mr. Evangelista asked if the upcoming Sector 17D (Project 10) field work must be completed before work can commence to repair the Hapuna Beach water system. Mr. Tanaka assured him USACE field work will not delay the water system repairs and USACE will facilitate the water system construction by providing 3Rs (Recognize, Retreat, Report) explosives safety training to the contractors before they begin that work. Mr. Griffin added that USACE has discussed the risk of encountering munitions with the team responsible for the water system repair, noting that the construction contract issued for the water system work has a provision making the contractor aware of the risk of UXO in this area. He concluded that the two work activities may end up happening at the same time, but that one would not delay the other.

f) Remedial Action-Construction (RA-C) – Implement Phase of Selected Remedy

- Areas B,O,Q,J Lalamilo Parcel (within the Project 02 footprint): Mr. Griffin explained that USACE has worked closely with the Department of Hawaiian Home Lands (DHHL) to make progress on the Lalamilo Parcel. The Remedial Action report (RAR) required for the Conditional No Further Action (CNFA) letter has been submitted for HDOH review. Mr. Lindstrom added that the CNFA letter has been drafted and sent to the HDOH Deputy Director for signature. He anticipates that signature happening within the next week or two.
 - Attendee Patti Cook asked if the letters will include conditional language. Mr. Lindstrom explained that because the RAR does not exclude the possibility that there might still be munitions within the Lalamilo Parcel HDOH cannot issue a “clear” No Further Action letter without conditions. There are conditions on this No Further Action, similar to the letters

including institutional controls issued a few years ago on parcels within Area P (Project 22) that Hawaii County Mayor Harry Kim had requested be carved out. The approved template letter for the HDOH CNFA already exists, including the following conditions:

1. UXO construction support is required for any ground-disturbing activities where munitions might be present.
 2. Parcel owners must provide UXO educational awareness training to anyone working or living on the parcel. If the parcel is sold or leased, parcel owner must advise the lessee or new owner of the potential presence of UXO.
 3. Parcel owners undertaking large-scale development must work with HDOH to develop a Site-Specific Environmental Hazard Management Plan to determine where UXO support will be required during construction and any institutional controls required (warning signs, annual training, annual inspection of institutional controls).
- Ms. Cook then asked if the US Department of Housing and Urban Development (HUD) will accept the Conditional No Further Action letter. Mr. Lindstrom explained that HUD issued a notice in 2019, acknowledging that a HDOH CNFA letter will satisfy HUD requirements for financing. There were some issues with previous development in Lalamilo which may cause some complications with HUD funding in this area, as there are still some items DHHL and HUD need to work out. That said, the issue of whether munitions have been addressed to HUD's satisfaction is not in question. Mr. Lindstrom added that HUD has recently issued another notice explaining that there are things they will fund on property without a No Further Action letter, such as solar panel installation that does not involve ground-disturbing activities and refinancing of existing loans. He noted HUD has issued a total of five notices regarding WMA and those can be found with a Google search.
 - Attendee Kanani Kapuniai asked whether the rocks located at the Mauna Kea boundary are the result of USACE activities. Mr. Griffin responded the rocks were not placed by USACE but likely by the contractor completing civil construction services for Lalamilo Phase 2 construction.
 - Mr. Lindstrom left the meeting.
 - Mr. Griffin wrapped up discussion on Lalamilo reiterating the HDOH CNFA letter is going through final approval and will be issued soon. He noted that USACE worked to confirm characterization of 1.33 acres of the overall 200-plus acres to the satisfaction of HDOH to allow them to issue the CNFA letter. He provided a personal "mahalo" to two contractor personnel, Cariann Ah Loo (Na Ali'i) and Cindy Liu (ERRG), for their work supporting this confirmation process.

g) Five-Year Reviews – Check to Confirm Remedy is Working

- Mr. Griffin stated four Five-Year Reviews have now been performed within WMA, covering Area N (Project 08), Area R (Project 18), Area M (Project 07), and Area P (Project 22). During the Spring 2023 WMA RAB meeting, Five-Year Reviews performed for Area N (Project 08) & Area R (Project 18) were discussed. Since

then, Five-Year Reviews have also been completed for Area M (Project 07) & Area P (Project 22). Mr. Griffin explained that this means the Remedial Action – Construction phase has begun for these projects where clean-up activities have started. The purpose of the Five-Year Review is to determine if the remedy is protective and operating as planned.

- Mr. Griffin explained that review of the Five-Year Reviews for Area M (Project 07) & Area P (Project 22) with USACE Environmental and Munitions Center of Expertise concluded the remedy status was “Protectiveness Deferred”. This means evidence of munitions were found in areas that had been the subject of historical Non Time Critical Removal Actions. Upcoming actions include:
 - USACE development of the Land Use Control Implementation Plan (LUCIP) which will include 3Rs Educational Awareness Program and placing signage for public awareness.
 - Additional investigation will be conducted where Non Time Critical Removal Actions had been performed but evidence of munitions was found during the Five-Year Review.
 - Remedy implementation must be completed in the areas that have not been addressed.
- Five-Year Reviews will continue for these areas throughout the LTM CERCLA phase to ensure the remedy continues to be protective as anticipated.

Right of Entry

a) Why Right of Entry (ROE)?

- Mr. Griffin briefly reiterated some points discussed earlier in the meeting, specifically addressing why USACE sends out ROE letters, why it’s important for landowners to sign and return ROE letters and why more than one letter might be received by a landowner.

b) ROE Process

- Mr. Griffin described the four phases of the ROE process. In the first phase, USACE mails the first ROE letter requesting landowner signature and return of ROE to authorize entry to a parcel. The ROE request includes a fact sheet detailing the purpose and importance of granting ROE and a parcel map. He then reviewed an example of what a ROE letter looks like and added that his contact information is provided on the letter for landowners to reach out if they have any questions. He explained that the ROE is signed by only the landowner, with no USACE co-signature required. Once USACE has received the ROE signed by the landowner, the property will go into a database as a parcel with an approved ROE.
- The second phase is a second ROE request letter. If the landowner doesn’t respond to the first ROE letter within 20 days, USACE sends a second request letter. Due to the short timeline between the first and second letters, a landowner may receive the second letter even if they have already returned a signed ROE.
- Mr. Griffin explained that when there is no response after the second letter or if ROE was denied, USACE contacts HDOH to assist with outreach to the landowner to attempt to gain ROE. HDOH sends this third ROE request letter.

- The fourth ROE letter is issued if ROE is denied or if the landowner has not responded. This letter comes from the USACE District Commander and informs the landowner that, by not granting ROE for USACE to access the parcel to address the potential for UXO on the property, the landowner assumes “responsibility and associated liability for or the further release of contamination or harm to human health or the environment...”.
- Mr. Griffin displayed a final slide providing his phone number and email address for landowners to contact him with questions regarding ROE.

WMA Outreach

- Mr. Griffin introduced Ms. Edwynna Brooks, who provided a summary of public outreach efforts for the WMA. Ms. Brooks explained that the USACE outreach team is focused on issuing more information to keep the community more informed. She detailed upcoming public meetings and open houses scheduled to increase awareness of WMA activities and issues.
- Ms. Brooks shared two QR codes with attendees to facilitate more information being available at all times. The first allows the user to join the WMA RAB mailing list which provides meeting reminders and other related updates. The second takes the user to the WMA website which provides RAB meeting materials and recordings, public meeting announcements, and access to key documents and other WMA information.
 - Ms. Brooks noted that mailing list recipients do receive quite a few emails but the information being mailed out contains important updates and notices for the community.
- Since the Spring 2023 RAB meeting, Ms Brooks briefed that the WMA Outreach Program sent 3,491 email messages providing information and updates and supported 57 community events/meetings. Additionally, the 3Rs of Explosives Safety message was shared with 1,403 adults and 1,769 children.
- Ms. Brooks provided a third QR code that can be used to schedule an outreach event with the USACE WMA team.
- Ms. Brooks also provided information on 3rd Thursday Trainings which are routinely scheduled meetings to provide 3Rs training, training on the RAB, etc. She directed attendees to reach out through the WMAUXOInfo@usace.army.mil email to attend or schedule a training event with USACE support.
 - Ms. Charles-Parker asked if training is provided on how to recognize munitions. Ms. Brooks advised that the 3Rs training does include training to identify UXO, including photos and physical examples.

Questions / Discussions

- Mr. Griffin displayed a slide providing FUDS informational websites, provided a brief overview of the 3Rs of Explosives Safety training to close the meeting, and then opened the floor to questions.
- Ms. Brooks asked a question on behalf of Mr. Mike Shattuck who stated that there was a sweep done in 2007 at Anekona Estates where UXO was discovered. The resident would like to know if USACE plans to return to the area to address the findings. Mr. Griffin said

that Anekona Estates is in the RD phase so data is being collected to determine if there is a need for Remedial Action.

- Mr. Shattuck stated USACE completed UXO sweeps in 2007 where UXO was found. Mr. Shattuck asked would like to know if USACE is coming back to do more investigation given those 2007 finds. Mr. Griffin stated sweep data is compiled into an RD report where conclusions will be drawn as to whether additional work is required. He stated that, when UXO is found somewhere in the past, it's a good indicator USACE needs to return to do some further investigation. If UXO sweeps are finding munitions, USACE would move the area into the RA-C phase where a more thorough sweep will take place.
- Mr. Shattuck mentioned that he also had a few neighbors where UXO was found on their lots. Mr. Griffin explained that, in the RD phase, data is collected by statistical sampling. Enough data is collected to obtain representative sampling of the area, but not every lot is sampled.
- Mr. Shattuck added that he is a volunteer firefighter and, as Captain of his department, asked if he could obtain a full report on the area so fire department personnel can be aware of what UXO might be out there. Mr. Griffin advised Mr. Shattuck he could visit the USACE Waimea field office in Parker Ranch Center which is staffed with Ordnance and Explosives Safety Specialists (OESS) who he could speak to. Additionally, he noted that USACE WMA reports for specific areas are contained in the administrative record maintained in the Thelma Parker Memorial Library in Waimea, and Mr. Shattuck could visit there to review reports and maps.
- Mr. Banick asked whether final ROE letters are sent by registered mail. Mr. Griffin indicated registered/certified mail was used before and resulted in high number of them being either refused or not picked up from the Post Office. USACE is now using Priority Mail with tracking to confirm the letter has been delivered.
- Ms. Cook asked where Area M (Project 07) & Area P (Project 22) are in relation to Waikoloa Village. Mr. Griffin displayed a map and explained that the center of Area P (Project 22) is Waikoloa Village. Ms. Cook said that her reason for asking is because there are a lot of county housing plans to develop in that area and she would like to know if that area has been cleared. Mr. Hoffmann stated much of that land was cleared previously, but due to the expansion of the area planned for development USACE has been asked to come back and confirm whether all the area now planned for development has been cleared. Mr. Hoffmann indicated the area for Waikoloa Workforce Housing development was cleared back in 2013-2014 or prior; however, the new technology begs the question whether there should be a new sweep of areas that previously didn't yield any UXO. Mr. Hoffman elaborated that he was not aware of anything being found in those areas since they were cleared: no explosions at night like there used to be, no one stumbling across UXO on those properties so there's no reason to think there's anything more serious there than when it was swept ten years ago. Mr. Griffin confirmed USACE is working with the County of Hawaii on that area specific area of Area P at the northern end of Paniolo Avenue including the skate park, the library and the inner loop road. Ms. Cook asked if that area was included in the 2023 Project Areas table. Mr. Griffin displayed the table and pointed out that Area P (Project 22) is ranked number 3, moving up from last year's ranking of 4. Mr. Griffin

indicated USACE has been meeting with the County of Hawaii and bringing them into USACE planning specifically as it relates to Waikoloa Village housing development.

- Ms. Cook then asked which project area contains the future intersection of Keanuiomano Street with Kawaihae Road. Mr. Kelbert Yoshida indicated this is Keanuiomano Street, which crosses over Keanuiomano Stream but dead ends before reaching Kawaihae Road. After some discussion, it was established that this future intersection is within Sector 16 (Project 20) and that area has not yet been cleared to allow construction. Mr. Griffin noted Sector 16 (Project 20) investigation activities will begin upon receipt of sufficient ROE to facilitate work moving forward.
- Mr. Hoffmann requested consideration of allowing RAB members to participate in meetings virtually in situations where they cannot not attend in person. He emphasized that RAB members should endeavor to attend meetings in person but recognizes that virtual participation may be warranted in some cases. Specifically, he noted the RAB must ensure quorum is achieved for every meeting so all business can be conducted. He also stated the importance of the community seeing the full RAB engaged in discussing these issues and virtual participation in selected cases could assist with RAB member attendance. Mr. Hoffmann stated he didn't find anything in the RAB Charter prohibiting RAB members virtual participation in meetings. Mr. Griffin agreed with Mr. Hoffmann that virtual attendance at the meetings is acceptable and having virtual components to USACE public meetings is a goal.
 - Ms. Kapuniai asked Mr. DuPont if internet needed for virtual meetings was accessible in Kuhio Hale, to which he responded that it was not. Mr. Griffin indicated USACE has been working with their meeting facilitation contractor to add utilization of Starlink internet technology for RAB meetings, which would overcome situations like Kuhio Hale where internet is not available through the venue.
- Ms. Charles-Parker suggested that all RAB members receive a reminder email a week before the meeting. Mr. Griffin indicated Ms. Charles-Parker will be receiving additional communication regarding the RAB now that she is a RAB member, including reminders for the RAB members about RAB business.

Adjournment

Mr. Griffin called for a motion to adjourn the meeting. Mr. DuPont made the motion, with Mr. Evangelista seconding. Meeting adjourned 6:51 p.m.

ATTACHMENTS:

ATTACHMENT 1 - Attendee List (Sign-in Sheets)

ATTACHMENT 2 - RAB Presentation

ATTACHMENT 3 - RAB Meeting Minutes – Spring 2023

ATTACHMENT 1:
FALL 2023 WMA RAB MEETING ATTENDEE LIST
[SIGN-IN SHEETS]



US Army Corps
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Honolulu District



Public Meeting for the Former Waikoloa Maneuver Area Restoration Advisory Board Meeting

October 24th, 2023
DHHL Kuhio Hale

Name	Organization/Agency	Contact Number	Email Address
Tenno: Falelo			
MIKE SHATTUCK			
DANCE BARR			
SVEN LINDBERGH	HDON		
Jeremie Evangelista	HPD		jeremie.evangelista@hawaii.com
Jennah Oshiro	HDH		jennah.oshiro@dh.hawaii.gov
CYNTHIA LIU	ERPS		cindy.liu@eng.com
Makai Freitas	DHMC		makai.freitas@yahoo.com
Nancy Charles Parker			nancyin arabia@gmail.com
Joe Tokimoto	DHHL		Guavaland62@gmail.com
Kanu Alama		808 345 9280	adriana@icloud.com
Fawn Cook	only	808-937-2833	Cookshi@aol.com
Eliza Pond	Self	808 937 2406	elizapond@mac.com
Katie Fendel		303-358-0516	katiefendel@gmail.com



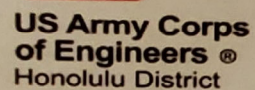
US Army Corps
of Engineers®
Honolulu District



Public Meeting for the Former Waikoloa Maneuver Area Restoration Advisory Board Meeting

October 24th, 2023
DHHL Kuhio Hale

Name	Organization/Agency	Contact Number	Email Address
Edwyna Brooks	USACE		
Luana Jeanbaptiste	USACE		
Victoria Foz	Nakupuna	512-663-3962	
DAVID GRIFFIN	USACE	808 835-4079	DAVID.D.GRIFFIN@USACE.Army.Mil
Reid Maekawa	USACE	808-223-0048	Reid.H.Maekawa@ " " "
Amy Bugala	USACE	808 835-4003	amy.l.bugala@ " "
Clark Limoges	UCG	480-522-0539	climoges@bristol-seewer.com
KELBERT YOSHIDA	DHHL	808 260-0175	kelbert.h.yoshida@hawaii.gov
CARIANNE AHLON	NAKUPUNA	808.445.9506	cahlon@nakupuna.com
DARLENE IGE	NAKUPUNA	808-518-4759	DIGZ@NAKUPUNA.COM
GRETCHEN McDONNELL	CAYUSE NHV	405.623.8724	gretchen.mcdonnell@cayusegov.com
STEPHEN BROWN	HGL	(850) 217-9282	sbrown@hgl.com
Kelsey Orr	HGL	(727) 599-9483	Korr@hgl.com
Matt Tucker	HGL	727-656-0760	mtucker@hgl.com



October 24th, 2023

DHHL Kuhio Hale

[illegible]

Restoration Advisory Board Meeting

Location: DHHL Kuhio Hale
 Date: 24-Oct-23
 Time: 5:00 P.M. - 6:30 P.M.

	NAME	RAB Member	Initial	PHONE NUMBER	EMAIL ADDRESS
✓ 1	David Griffin	X	DG	808-835-4079	david.e.griffin@usace.army.mil
✓ 2	Pete Hoffmann	X	PH	808-936-7248	petehoffmann@hawaii.rr.com
✓ 3	Wayne Awai	X		808-936-7248	wayneawai@hawaii.rr.com
✓ 3	Bruce Banick	X		808-883-2447	bruce@allislandinsurance.biz
✓ 4	Jeremie Evangelista	X		808-887-3080	jeremie.evangelista@hawaiicounty.gov
✓ 5	Gregory Fleming	X		808-969-2404	grfleming@gmail.com
✓ 6	James Dupont	X		808-887-6053	jim.w.dupont@hawaii.gov
✓ 7	Niniau Kawaihae	X		808-493-6850	niniau.kawaihae@hawaii.gov
✓ 8	Sven Lindstrom	X		808-586-5815	sven.lindstrom@doh.hawaii.gov
9	Wayne Awai	X		808-936-7248	wayneawai@hawaii.rr.com
✓ 10	Nancy Charles Parker				
11					
12					
13					
14					
15					

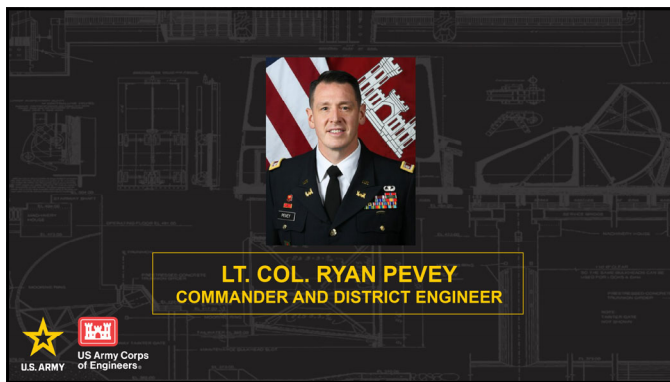
ATTACHMENT 2:
FALL 2023 WMA RAB PRESENTATION SLIDES



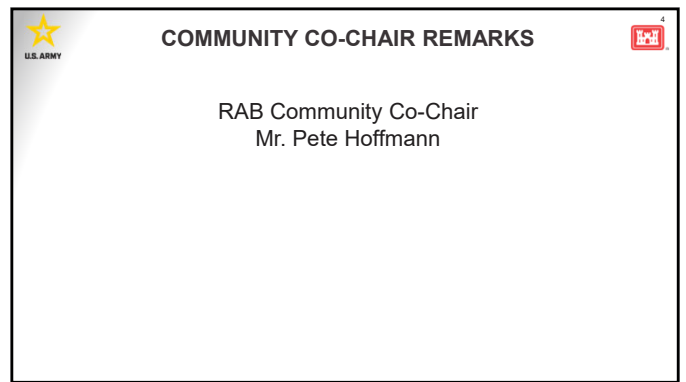
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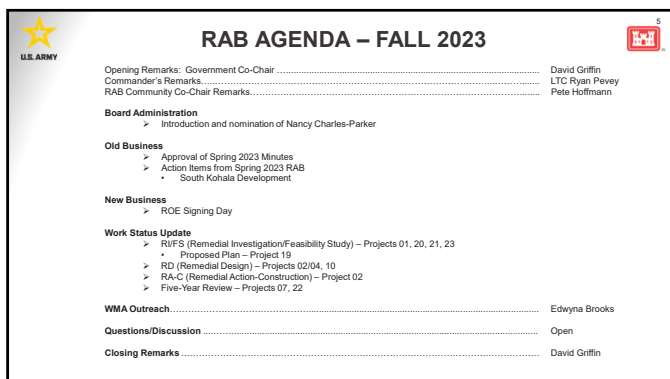
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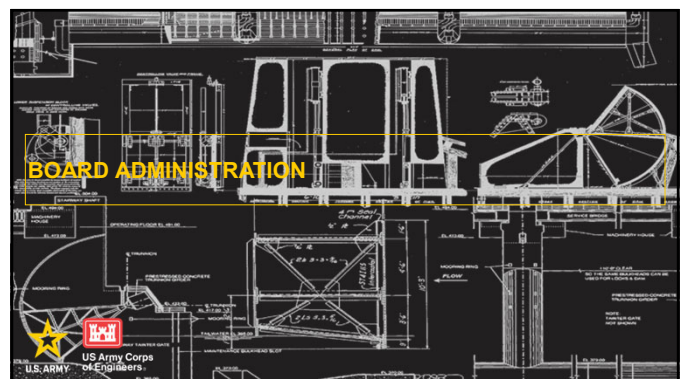
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4



5



6

BOARD ADMINISTRATION

7

U.S. Army Corps of Engineers

➤ Governance

➤ Approval of May 23, 2023 Meeting Minutes

➤ Introduction and nomination of Nancy Charles-Parker

➤ Old Business

➤ South Kohala Development

➤ New Business

➤ Right of Entry Open House – USACE Waimea Office

• Drop off a signed Right of Entry

• Get a new Right of Entry printed

• Q & A about Right of Entry

7

CERCLA PROCESS

8

U.S. Army Corps of Engineers

8

CERCLA PROCESS

9

U.S. Army Corps of Engineers

Preliminary Assessment (PA)

Site Inspection (SI)

Remedial Investigation/Feasibility Study (RIFS)

Proposed Plan (PP)

Decision Document (DD)

Remedial Design / Remedial Action (RD/RA)

Remedy-in-Place / Response Complete (RIP/RC)

Long-Term Management (LTM)

Removal Action Process

Engineering Evaluation/ Cost Analysis (EE/CA)

Non-Time Critical Removal Actions

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

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WORK STATUS UPDATE

10

U.S. Army Corps of Engineers

10

2023 PROJECT AREAS

11

U.S. Army Corps of Engineers

2023 HAWAII FUDS PRIORITY RANKING FOR WAIKOLOA MANEUVER AREA

2022 WMA Ranking	2023 WMA Ranking	Project No.	Project Name	Phase	MRSPP
1	1	02	Areas B,O,Q&J-Cleared	RA-C	3
2	2	04	Areas B,O,Q&J-Remnants	RD	3
4	3	22	Area P	RA-C	3
7	4	10	Sector 17D	RD	2
8	5	20	Sector 16A-E	RIFS	5
10	6	21	Sectors 17A,B,C,E&F	RIFS	2
5	7	01	Areas A and G	RIFS	3
9	8	23	Area F	RIFS	3
14	9	11	Area E	RIFS	3
12	10	18	Area R	RA-C	2

Typically based on risk

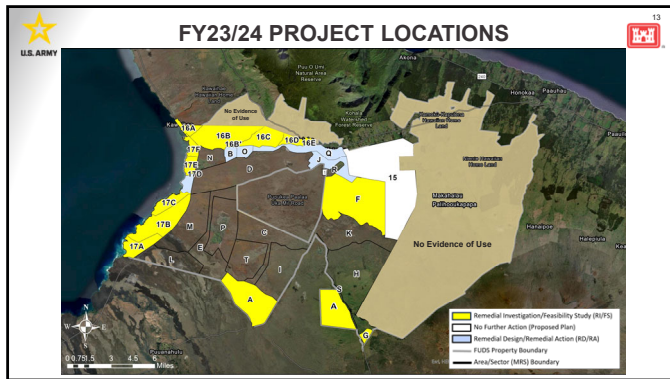
11

FY22/23 PROJECT LOCATIONS

12

U.S. Army Corps of Engineers

12



13

WORK STATUS UPDATE

CERCLA Phase	Project Area
➤ RI/FS	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
➤ Proposed Plan	Project 19 - Sector 15
➤ RD	Project 02 - Area B, O, Q, J-Cleared Project 04 - Area B, O, Q, J-Remnant Project 10 - Sector 17D
➤ RA-C	Project 02 - Area B, O, Q, J-Cleared – Lalamilo Parcel

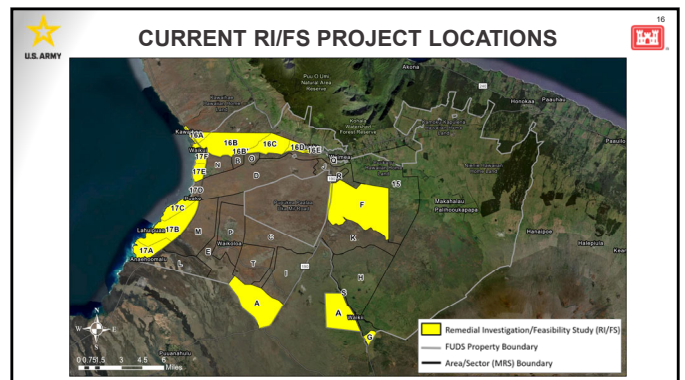
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WORK STATUS UPDATE

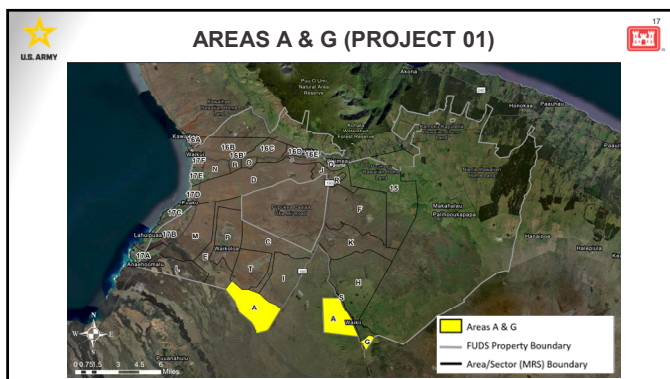
RI/FS
(Remedial Investigation / Feasibility Study)

Determine Nature and Extent of Contamination

15



16



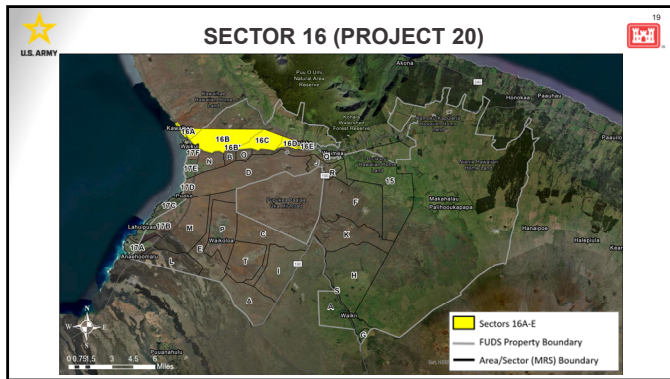
17

AREAS A & G (PROJECT 01)

➤ **Status**

- Draft Final Report under USACE review
- Report will be sent to Hawaii Department of Health for review
- Next steps Proposed Plan and Record of Decision

18



19

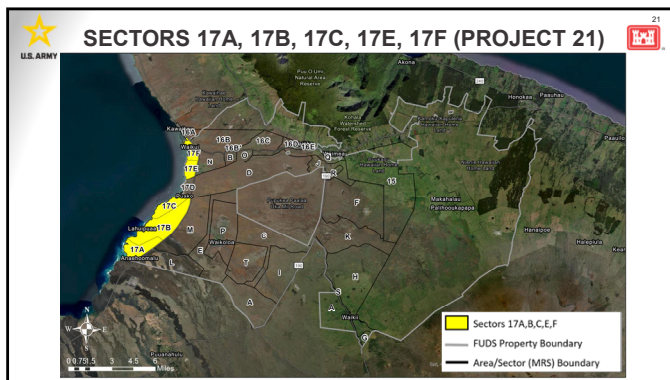
SECTOR 16 (PROJECT 20)

➤ **Status**

- Conducted Systematic Project Planning Meeting #2 August 23, 2023
- Finalizing responses to Hawaii Department of Health comment backcheck on Quality Assurance Project Plan
- Right of Entry letters mailed September 29, 2023
- Public Meeting scheduled for October 25, 2023
 - Waimea Elementary School 5 - 6:30 p.m.
- Field Work Begins – Early 2024*

*dependent on Rights of Entry

20



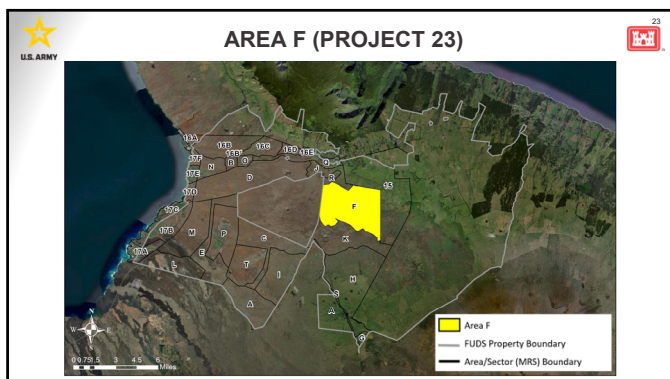
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SECTORS 17A, 17B, 17C, 17E, 17F (PROJECT 21)

➤ **Status**

- Conducted Systematic Project Planning Meeting #2 on August 22, 2023
- Hawaii Department of Health approved Quality Assurance Project Plan on October 4, 2023
- Right of Entry letters for remaining parcels (less than 10) mailed by Hawaii Department of Health on September 29, 2023
- Public Meetings held on August 24, 2023 and scheduled for October 25, 2023
 - Mauna Kea Resort, Kauna'oa Ballroom 10 a.m.
- Field Work Begins – November 2023

22



23

AREA F (PROJECT 23)

➤ **Status**

- Conducted Systematic Project Planning Meeting #2 on August 23, 2023
- Finalizing responses to Hawaii Department of Health comment backcheck on Quality Assurance Project Plan
- Project Meeting with Parker Ranch on August 25, 2023
- Field Work Begins – October 2023

24

WORK STATUS UPDATE

Proposed Plan

Presents alternatives for site cleanup and recommends remedy selection

25

SECTOR 15 (PROJECT 19)

26

SECTOR 15 (PROJECT 19)

Status

- Proposed Plan was published on July 20, 2023
- Public Comment Period was held from July 24, 2023 to August 25, 2023
- Public Meeting was held on August 12, 2023
 - All comments received, were addressed and included in Record of Decision
- Draft Final Record of Decision is routing through internal USACE review prior to being submitted to Hawaii Department of Health
- On schedule for Final signed Record of Decision in late December 2023

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WORK STATUS UPDATE

RD (Remedial Design)

Remedial Technology Tested and Selected

28

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

29

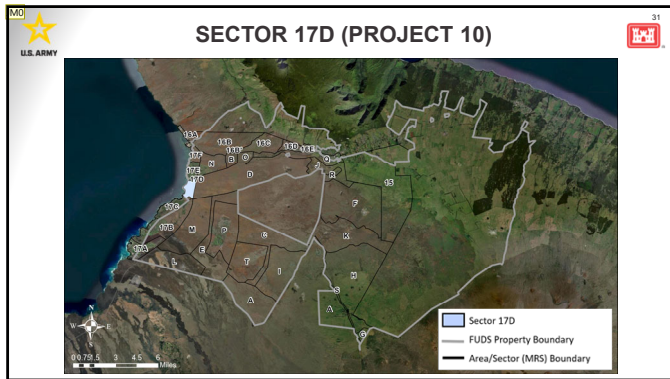
AREAS B,O,Q,J-CLEARED (PROJECT 02) AND B,O,Q,J-REMNANTS (PROJECT 04)

Status

- Continued vegetation removal, surface sweeps, geophysical data collection, and intrusive investigations
 - Laulai, DHHL Lalamilo, Ouli Ekahi, Parker Ranch, Kanehoa, Lalamilo Farm Lots, Areas B and O, and the Garcia family lease
- Fieldwork complete in next six months
- Remedial Design Report expected late 2024

Photos: Hand grenades removed from Areas B,O,Q,J

30



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SECTOR 17D (PROJECT 10)

Status

- Conducted Systematic Project Planning Meeting #2 on August 22, 2023
- Hawaii Department of Health approved Quality Assurance Project Plan on September 7, 2023
- Right of Entry from State of Hawaii Land Division
 - Request presented at October 13, 2023 Land Division meeting
- Stakeholder Meeting held on August 23, 2023
- Field Work Begins – January 2024

Hapuna Beach State Recreation Area located in Sector 17D

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WORK STATUS UPDATE

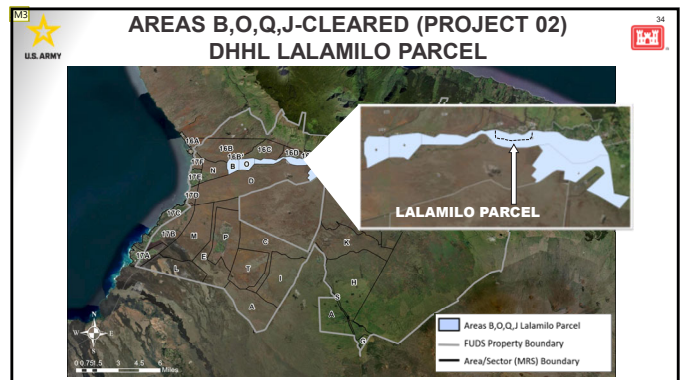
RA-C
(Remedial Action - Construction)

Implementation Phase of Selected Remedy

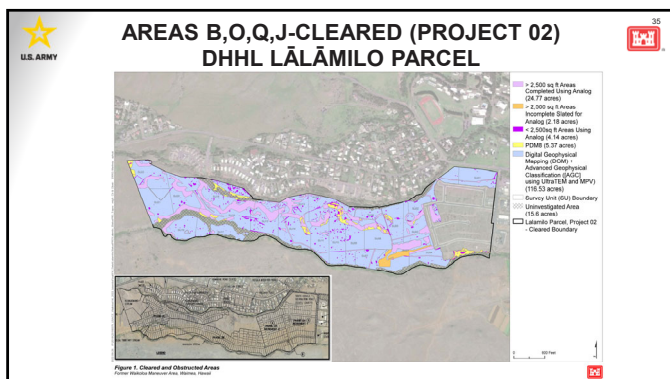
U.S. ARMY

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

Status

- Prepared and submitted Draft Final Remedial Action Report to Hawaii Department of Health
- Responded to Hawaii Department of Health comments
- Prepared and submitted Final Remedial Action Report to Hawaii Department of Health
- Confirming acreage in support of Hawaii Department of Health Conditional No Further Action letter to Department of Hawaiian Home Lands

U.S. ARMY

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WORK STATUS UPDATE

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Five-Year Reviews

Check to confirm remedy is working

37

AREA M (PROJECT 08)

38

38

AREA P (PROJECT 08)

39

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

40

Status

- Five-Year Reviews for both Areas M and P concluded
Protectiveness Deferred
 - Develop Land Use Control Implementation Plan for 3Rs Educational Awareness Program
 - Additional investigation in areas where Non Time Critical Removal Action was performed
 - Implement the remedy at areas that are uninvestigated and unobstructed which can be investigated.
- Five-Year reviews are required and will continue through Long Term Management phase

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RIGHT OF ENTRY WAIKOLOA MANEUVER AREA H09HI0359

41

October 2023

US Army Corps of Engineers

Recognize
Retreat
Report

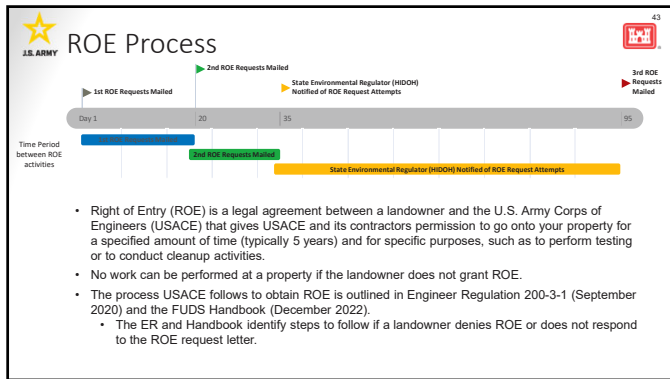
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Why Right of Entry (ROE)?

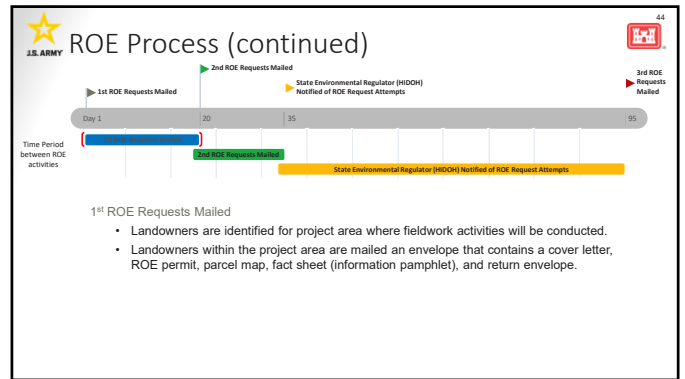
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- There are 22 projects that have been identified within the Waikoloa Formerly Used Defense Site (FUDS).
- A project is a specific location that is known or suspected to require a munitions response because of known or suspected activities that were conducted by the Department of Defense (DoD).
- Before any fieldwork can begin at any project, U.S. Army Corps of Engineers (USACE) must have access to a majority of the project area. Access is obtained via right of entry (ROE) between landowners and USACE.
- A fully executed ROE is required between the landowner (and associated stakeholders) and USACE.

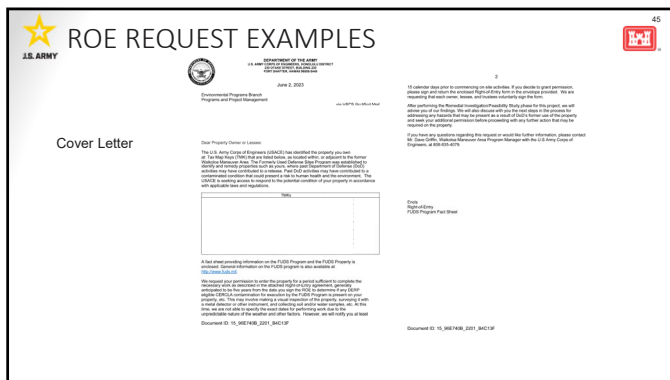
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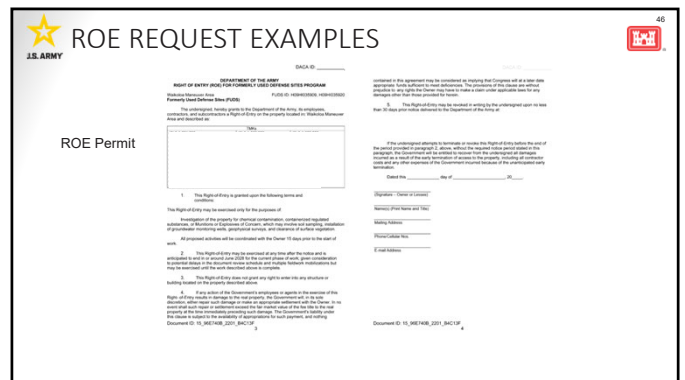
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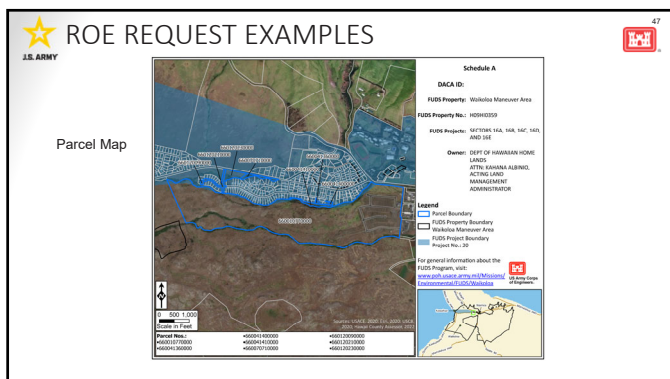
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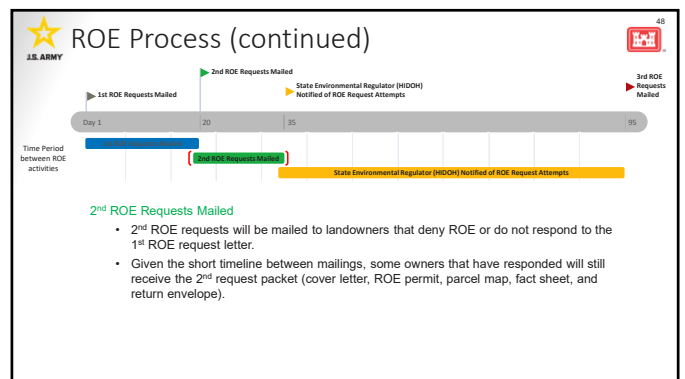
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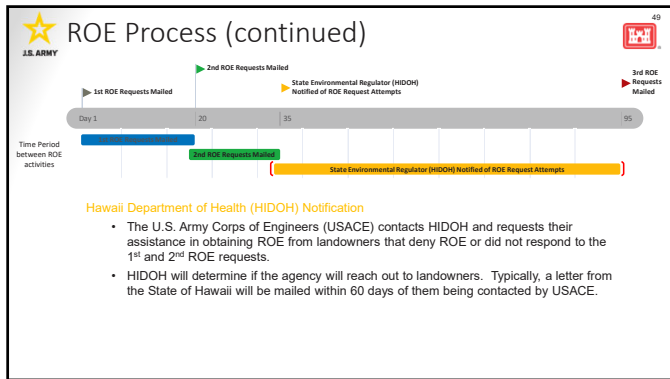
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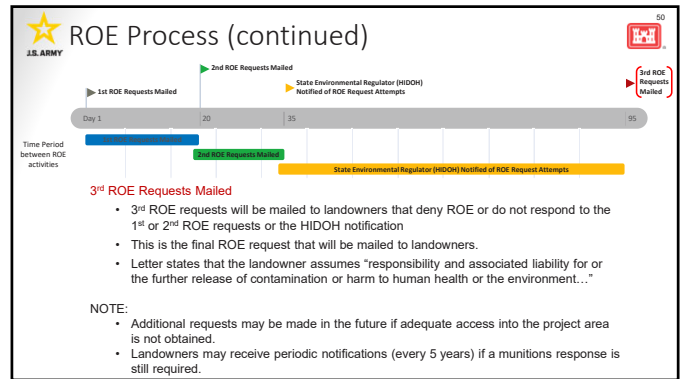
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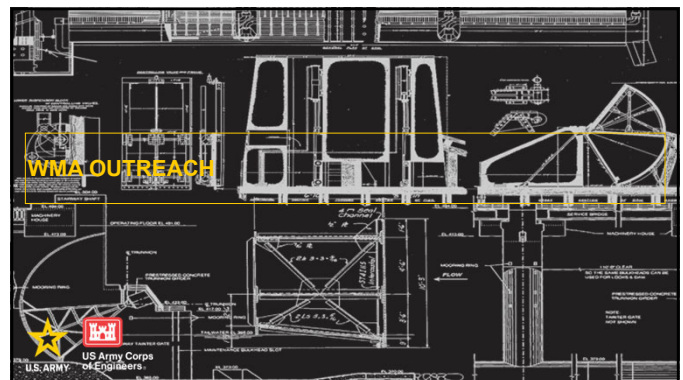


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PROJECT-RELATED CONTACTS

- David Griffin, WMA Program Manager
808-835-4079
david.e.griffin@usace.army.mil

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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

The WMA Outreach Program:


- Sent: 3,491 emails
- Supported: 57 community events/meetings

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


- 1403 adults
- 1769 children

Let us know how we can do better!
WMAUXOInfo@usace.army.mil

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WORK WITH USACE TO SCHEDULE YOUR OWN OUTREACH EVENT



3rd Thursday Trainings

USACE Staff will be available to present 3Rs training and host Coffee with the Corps.


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

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

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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 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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IF YOU SEE SOMETHING SAY SOMETHING!

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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ATTACHMENT 3:
SPRING 2023 WMA RAB MEETING MINUTES

FINAL
WAIKOLOA MANEUVER AREA (WMA) RESTORATION ADVISORY BOARD (RAB)
Meeting Minutes

This document records the minutes of the WMA RAB meeting held on May 23, 2023.

Date: May 23, 2023
Time: 5:00 p.m.
Location: Parker School, Classroom 12
65-1224 Lindsey Road, Waimea, Hawaii 96743
AND
Webex Virtual Meeting

RAB Members Present:

David Griffin, Pete Hoffmann, Bruce Banick, James Dupont, Jeremie Evangelista, Gregory Fleming (virtual attendee), Niniau Kawaihae, Sven Lindstrom

RAB Members Absent:

Wayne Awai

View RAB Spring 2023 Attendee List (Attachment 2) for a complete list of attendees.

PURPOSE: To update the RAB and community on progress of Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) related work completed within the Waikoloa Maneuver Area since the October 25, 2022 RAB meeting.

5:00 pm Opening of Meeting

Opening Remarks

Mr. David Griffin opened the meeting and introduced himself as the Government Co-chair of the Waikoloa Maneuver Area (WMA) Restoration Advisory Board (RAB). Mr. Griffin then introduced US Army Corps of Engineers (USACE) Honolulu District Commander, Lieutenant Colonel (LTC) Ryan Pevey, who provided opening remarks.

LTC Pevey introduced himself, providing a brief background indicating his origins in Texas and Georgia and stating he feels at home living in Hawaii for its sense of “ohana”. LTC Pevey thanked attendees for taking the time to participate in the meeting, emphasizing it’s important to the Corps that the community is interested in learning about USACE Formerly Used Defense Sites (FUDS) activities in the WMA, and he wants to be able to learn and hear from the community. LTC Pevey stated he has visited the WMA sites several times to obtain an understanding of the work being done under Defense Environmental Restoration Program (DERP)/FUDS, including its successes and challenges. In his visits, he stated the main thing that strikes him is the amazing people who are here and how dedicated and family-oriented the community is. It reinforces his sense of duty as he leads USACE Honolulu District and this program to protect human health and the environment.

LTC Pevey went on to describe the opportunity he had to bring Brigadier General Kirk Gibbs (USACE Pacific Ocean Division Commanding General) and Lieutenant General Scott Spellmon (USACE Commanding General) to the Waikoloa Manuever Area. The Generals were able to observe the FUDS work being done in the community and left with a deeper understanding of the program's mission. While already advocates of the FUDS program, their advocacy is stronger now after being able to see firsthand what's being done in the WMA.

LTC Pevey stated he had also visited the County of Hawaii Affordable Housing at Ouli Ekahi and observed how USACE engages with the community while conducting unexploded ordnance (UXO) investigations. Gaining access to parcels of land through Right of Entry (ROE) agreements has allowed USACE contractors to work closely with the County and residents to help with the UXO investigations needed prior to necessary site improvements.

LTC Pevey noted that USACE Honolulu District has been ramping up to respond to Typhoon Mawar impacts on Guam. USACE is the Federal Emergency Management Agency engineer helping with infrastructure and power needs for Guam in the wake of the typhoon and are preparing to deploy that location. LTC Pevey indicated he would stay in the meeting as long as he could but may not be able to stay until meeting end due to the Guam typhoon preparations. He stated that the events in Guam remind him that no one can do this kind of work alone; it must be done together as a community. The Army can't accomplish anything unless it is done together, with our partners.

He stated the CERCLA process will be reviewed during the meeting, and that can be complicated; however, Mr. Griffin and his team look for ways to continue to expand awareness about remediation, outreach and education events with WMA stakeholders. LTC Pevey indicated he has been pushing his team on outreach because he really believes in communication, because communication and relationships solve problems. He stated he wants to hear from the public on what else can be done to educate residents on the process and what is being accomplished.

LTC Pevey addressed attendees who may have homes within WMA and are awaiting cleanup. He stated he knows the process can be long and he sympathizes, and that he has challenged the USACE team to work efficiently to execute approved work plans within CERCLA and to elevate any potential delays to him so he can be involved in work to avoid roadblocks. He acknowledged that beneficiaries are waiting and that USACE will work within the process to ensure those properties are safe, because the primary mission is the safety of the people and environment.

In closing, LTC Pevey thanked the WMA RAB members for their time, energy, leadership, and service to the community and contributions toward this mission. He stated he looks forward to meeting everyone he can and working together to make this process better.

Mr. Griffin then presented the meeting agenda, indicating there were a few Board Administration items delayed due to the COVID pandemic that would be handled during this meeting. Mr. Griffin then called the meeting to order and took a roll call attendance of the

RAB members. All RAB members were present with the exception of Mr. Awai. Mr. Griffin also noted for the record that he, as the Government Co-Chair and Mr. Sven Lindstrom, Regulatory Agency RAB member were also present. Mr. Griffin also noted Community Co-Chair Pete Hoffman was present but had stepped out momentarily to take a phone call.

Board Administration

- Mr. Griffin announced Roger Thomas had provided a formal resignation from the RAB following his relocation to the Mainland, and stated the RAB is seeking a replacement to hold that board seat.
- RAB Member Term Renewal: Mr. Griffin explained that the RAB Charter requires RAB members to refresh their commitment to the RAB every two years. With the COVID pandemic, the RAB had not renewed the RAB member terms on that schedule, so renewal activities were scheduled for this meeting.
 - Mr. Griffin made a motion to renew all current RAB members for another two-year term, with the exception of Mr. Thomas who has resigned. Prior to the vote, each RAB member introduced themselves, with the exception of Mr. Fleming who attended virtually and Mr. Awai who was not present. A vote to renew current RAB members for another two-year term was unanimous.
- New RAB Member Application. Ms. Nancy Charles-Parker has submitted an application to join the WMA RAB. RAB members had previously been provided with Ms. Charles-Parker's application for review. Ms. Parker was not available to introduce herself to the RAB, so a vote on her request to join the RAB will be tabled until the next meeting.
- Community Co-Chair Nomination and Vote. Mr. Griffin asked RAB members to nominate a fellow RAB member to serve as the Community Co-Chair for the next two-year term. Ms. Kawaihae nominated Mr. Hoffmann, followed by a unanimous vote of the RAB members present in favor of Mr. Hoffman's continued service as RAB Community Co-Chair for another two-year term.

Old Business

- Mr. Griffin moved to approve the minutes of the October 25, 2022 RAB Meeting. All RAB members present voted in favor to approve. Mr. Hoffmann asked where WMA RAB meeting minutes are available to the public. Mr. Griffin said records of historical meeting minutes are stored at the Thelma Parker Memorial Community School Library. Mr. Hoffmann suggested reviewing past meeting minutes are a good way for interested persons to understand the information covered during previous WMA RAB meetings. Ms. Kawaihae asked if meeting minutes records were available on the WMA RAB website. Ms. Amy Bugala, USACE Honolulu District Public Affairs Officer, indicated WMA RAB meeting minutes had been posted in the past. Mr. Griffin advised a QR code available later in the presentation will link users directly to the WMA RAB website.
- Action items from the Fall 2022 RAB meeting were addressed by Mr. Griffin.
 - Mr. Fleming had asked about prioritization of the work in areas of development in South Kohala. Mr. Griffin said he did have a chance to meet with some people from the Hawaii County Housing and Community Development, as well as other smaller

developers, to understand their plans for future development. There were no surprises in these conversations, with the focus for development being the major corridors with continued development around Waikoloa Village and around the major access and egress routes for Waimea (Kawaihae Road, etc.). Mr. Griffin stated these discussions assist USACE in understanding the direction the community is building in, and thanked Mr. Fleming for the suggestion.

- As an action following his Fall 2022 RAB meeting comments regarding increasing RAB member participation, Mr. Hoffmann reported that he had personally contacted each RAB member prior to the Spring 2023 meeting to confirm their continuing commitment to serve on the RAB.
- Related to the goal of increasing community engagement and how RAB meeting attendance can be increased, Mr. Griffin introduced Ms. Edwyna Brooks as the USACE Public Outreach Specialist who began a number of different efforts to increase RAB meeting attendance starting immediately after the Fall 2022 meeting. Ms. Brooks asked attendees whether they had received an email from USACE, with several attendees raising their hands. Ms. Brooks stated the email from USACE was a new effort to get the word out about the WMA RAB meetings and asked that recipients share that information with others when they receive it to increase awareness and meeting attendance within the community. She advised attendees that USACE is trying to do more to get the RAB covered in the local newspapers and doing more in the local communities to increase awareness. She explained a QR code would be shown later in the presentation to allow interested individuals to sign-up to be included in the WMA RAB mailing list where they can more easily communicate concerns and thoughts to USACE. Mr. Griffin noted USACE is now using tools like Constant Contact that provide some analytics allowing USACE to monitor how well outreach activities are working.

New Business

Mr. Griffin opened up the floor to RAB members with any New Business to discuss.

- Ms. Kawaihae expressed some confusion regarding the changing of the WMA UXO site names from “sectors” and “areas” to “projects”. She stated those who have been around for a while know the locations by sector or area, not by project number. Mr. Griffin responded that USACE typically now uses both the “sector/area” name and the project number when discussing a site so folks who know the sites by the original “sector” or “area” naming can understand the location being discussed.
- Mr. Fleming, through the virtual meeting chat, asked if USACE could do a “road show” to actively brief the public at other events (e.g., Hawaii Leeward Planning Commission conference). Ms. Brooks replied that USACE offers “Coffee with the Corps”, but that someone from the USACE team will respond to specific requests submitted to wmauxoinfo@usace.army.mil,

Program Information

- a) CERCLA Process

- Mr. Griffin provided an overview of the CERCLA Process presenting a flowchart of the CERCLA clean-up phases. He explained CERCLA is a set of requirements driven by statutes and regulations which USACE must follow in executing remediation of the WMA FUDS sites. Mr. Griffin provided a brief explanation of the CERCLA phases.
 - a. Preliminary Assessment – When a potential issue is identified at a property a record search is conducted attempting to confirm there is reason for concern.
 - b. Site Inspection – Typically the first time the site is visited and limited sampling is potentially performed.
 - c. Remedial Investigation / Feasibility Study – Determines nature and extent of impacts and evaluates potential remedies.
 - d. Proposed Plan – Presents potential remediation alternatives. Community involvement is involved in this phase.
 - e. Decision Document / Record of Decision – Authorizes Government to execute the selected remediation method. Community involvement is involved in this phase.
 - f. Remedial Design / Remedial Action – Evaluates and adjusts proposed remedial technology, then executes the remediation.
 - g. Remedy-in-Place / Response Complete – Status achieved upon completion of the Remedial Action.
 - h. Long-Term Management completes the CERCLA Process
 - i. Additional actions that may be taken at any time during the CERCLA Process are Engineering Evaluation / Cost Analysis and Non-Time-Critical Removal Actions. For WMA RAB, several Non-Time-Critical Removal Actions were undertaken in parallel to the CERCLA Process phases.

b) Sector 15 (Project 19)

- Ms. Kawaihae asked to discuss Sector 15 (Project 19) while LTC Pevey was still present, as many beneficiaries from that area were present and might have questions.
- Ms. Kawaihae also introduced the new Department of Hawaiian Home Lands (DHHL) Commissioner for West Hawaii, Mr. Makai Freitas.
- Mr. Griffin began the discussion of Sector 15 (Project 19) indicating it's unique because the CERCLA process is being exited at the Record of Decision phase, as the Remedial Investigation indicated no evidence munitions were used in the area. Therefore, no further action is required, and the CERCLA process for Sector 15 (Project 19) will end at the Record of Decision. The Proposed Plan will indicate "No Further Action" required and that will be further documented in the Record of Decision. Public comment and input occurs during Proposed Plan and Record of Decision phases. A public meeting will be held to discuss the Proposed Plan and the "no action" remedial alternative will be explained. Mr. Griffin stated USACE will work very closely with the Hawaii Department of Health (HDOH) to compile public comment in the Responsiveness Summary and a draft Record of Decision will be submitted to HDOH for review. Subsequent to resolution of any HDOH

comments, the Record of Decision will be signed by USACE at the Pacific Ocean Division level.

- Ms. Kawaihae asked about timing of these actions, inquiring when the process could be completed for Sector 15 (Project 19). Mr. Griffin stated USACE is targeting later this summer to hold the Proposed Plan public meeting. Ms. Kawaihae asked if the meeting could be held before Father's Day. Mr. Griffin explained the CERCLA process takes time and USACE could not commit to holding the public meeting by Father's Day; however, as a team, everything possible is being done to expedite completion. He stated both USACE and the contractor have been expediting their work and HDOH has also made it a priority for their review.
- Mr. Griffin reviewed the Sector 15 (Project 19) map indicating the area is approximately 11,000 acres in size. Mr. Griffin explained that archival documents discovered indicated Department of Defense leased approximately 185,000 acres of land, with CERCLA Preliminary Assessment work confirming only approximately 100,000 acres was actually used.
- An attendee asked about the relative timing of completion of work at Sector 15 (Project 19) versus for Waikoloa Village in Area P. She specifically asked if a No Further Action letter has yet been issued for Waikoloa Village. Mr. Griffin indicated Waikoloa Village has not received a No Further Action determination because there is additional work that needs to be done in that area. The attendee stated that Sector 15 (Project 19) being completed before Waikoloa Village didn't seem logical. Mr. Griffin indicated that USACE has been doing work in Area P for years; however, Sector 15 (Project 19) moves through the CERCLA process faster because there is no evidence of munitions use there. Mr. Lindstrom added some parcels in Waikoloa Village were selected by Mayor Kim to undergo "special clearance" but could not be cleared to "unrestricted use" standards, resulting in "Conditional No Further Action" restrictions on how those properties could be developed. Sector 15 (Project 19) will be granted a "clean" no further action determination without development conditions or restrictions because it was determined munitions were not used in that area.
- The attendee asked Mr. Griffin when he thinks U.S. Department of Housing and Urban Development (HUD) will allow financing in these areas. Mr. Griffin responded that, specific to Sector 15 (Project 19), the Record of Decision is the final document stating "No Further Action" is necessary. Based on discussions USACE has had with HUD, HUD will be comfortable providing financing upon receipt of a signed copy of the Record of Decision that has been accepted by HDOH.
- An attendee asked if the land below the Lalamilo Transfer Station is part of Sector 15 (Project 19). Mr. Griffin indicated that area is not part of Sector 15 (Project 19), but is part of Areas B,O,Q,J, to be discussed later in the meeting.
- Mr. Griffin wrapped up discussion on Sector 15 (Project 19) by reviewing the project's current status, stating the Final Remedial Investigation report indicating no further action required has been accepted by HDOH. Upon HDOH acceptance of the Proposed Plan, a public meeting will be scheduled where public input will

be collected for the Responsiveness Summary. Final Record of Decision anticipated by the end of 2023 or early 2024.

- Ms. Kawaihae asked to go on the record as stating that the timeline is too generous and she would like to see planning done to expedite this schedule.
- An attendee asked what Sector 15 (Project 19) was. Mr. Griffin responded Sector 15 (Project 19) is the Pu'ukapu area. She then asked where the Lalamilo Parcel was. Mr. Griffin explained the Lalamilo Parcel is a couple of hundred acres of DHHL-owned land within the Areas B,O,Q,J site. The attendee asked specifically about a number of Lalamilo Parcel lots where infrastructure is complete and they are ready for building homes. Ms. Kawaihae helped clarify that the attendee's area of interest was not part of Sector 15 (Project 19), but of another area. The attendee stated her concern is that DHHL has money now to put people in homes and feels this area should also be a priority because the infrastructure is ready to build on. She stated that she provides financing to homestead families and needs the letter of "no further action" to proceed with financing there.
- LTC Pevey stated he understood the attendee's concern. There is a process USACE must follow by law, but he will determine whether there is anywhere within that where efficiencies can be gained. He explained that, within the CERCLA process, there is a USACE Mandatory Center of Expertise (MCX) review that must be done, and he will contact the Commander responsible for that to determine whether anything can be done to speed up that part of the process. He said he could not commit to a timeline at this point, but he hears the concern and will do everything he can within the process to be efficient. Mr. Griffin and LTC Pevey committed to reviewing the process step-by-step to see where they can expedite. The attendee pointed out that DHHL has until 2025 to obligate the \$600 million in funds that could be applied to these housing development efforts. The attendee also noted that a development project has been waiting for seven years to proceed, they have been very patient but have families in need of housing.
- Mr. Griffin reported he had met with Mr. Jim DuPont, DHHL regarding Pu'ukapu, asking how many families are impacted by the lending restrictions there. Mr. DuPont responded that only about 20 families are impacted, but "...one is too many. We need to get this done." Mr. Griffin said USACE took this to heart and worked with the Contractor and HDOH to expedite where possible and make Pu'ukapu a priority. He noted that USACE still need to "get it right" and ensure there is the correct level of review so that HDOH can approve the work and USACE can stand behind it, so the beneficiaries have in the Record of Decision what they need to proceed with building. Mr. Griffin emphasized USACE is not "taking their time" but are taking the time needed to get it right.
- An attendee stated that the recent native Hawaiian American Idol winner was asked why he moved from Hawaii to Washington. He responded that they were "priced out of paradise". She used this example to make the point that one way we can keep native Hawaiians here is for them to be able to occupy their own land.
- LTC Pevey acknowledged the comment and thanked the community for their passion because passion shows they care. LTC Pevey stated he appreciates the community holding USACE accountable.

- An attendee asked if the Sector 15 (Project 19) Remedial Investigation is available at the library. Mr. Griffin stated the document should be in the Administrative Record at the library and USACE will follow up to ensure that it is.

c) Areas B,O,Q,J Lalamilo Parcel (Project 02)

- Mr. Griffin presented a map of Areas B,O,Q,J (Project 02) showing the boundaries for Lalamilo Parcel within Areas B,O,Q,J (Project 02). He explained that the Lalamilo Parcel is in the Remedial Action – Construction phase where the Remedial Action is implemented as described in the Record of Decision.
- Lalamilo Parcel is a DHHL-owned parcel approximately 211 acres in size. The original designation of Munitions Response Site (MRS) boundaries for the various areas did not follow tax map key boundaries, but used other landmarks (i.e., Kawaihae Road, etc.). The Decision Document for Areas B,O,Q,J (Project 02) authorized USACE to do work within the Areas B,O,Q,J (Project 02) boundaries as they were drawn. USACE awarded a contract in 2018 to close-out work on multiple small parcels of “orphaned” land within the MRS. In 2019, a contract modification was issued consolidating all that acreage to address the Lalamilo Parcel. Work plans were sent to the state in ~2020, field work was initiated in 2021, and USACE is now working on the Draft Remedial Action Report.
- Ms. Kawaihae elaborated that the original 2018 USACE contract was focused on examining debris resulting from 2012 infrastructure construction. The 2019 modification expanded the scope to go back toward Phase IIB, the empty undeveloped areas behind Lalamilo which would be part of the \$600 million dollar award from the State legislature for new lots. It is that area that the Draft Remedial Action Report addresses.
- Mr. Hoffmann added that, while he’s not defending the slow process, technological advancements since 2002 have led to the ability to identify more items needing to be investigated. He said it’s important to keep in mind that USACE faces a challenge in trying to investigate multiple areas thoroughly while using technology that is constantly evolving and improving detection capabilities. Part of the difficulty with Area B,O,Q,J with it’s odd shape, is that it was a result of consolidation of several small areas not previously fully investigated. Mr. Hoffmann recalled that the paperwork to complete consolidation of those areas and redesignation of the boundaries took about a year to accomplish.
- Mr. Griffin stated that USACE typically speaks about the work in terms of MRSs. The Area B,O,Q,J MRS is approximately 3,500 acres in size, with approximately 220 acres being the DHHL-owned Lalamilo Parcel. The focus of the current effort is 150 acres of the Lalamilo Parcel west of Phase IIB. A Non-Time-Critical Removal Action, outside the CERCLA process, was performed here, and then USACE completed all CERCLA phases and was able to write the Record of Decision to give USACE authority to complete remediation.
- Mr. Griffin elaborated on the technological advancements in munitions detection equipment over the years, with great improvements in efficiency of munitions detection. Currently, Advanced Geophysical Classification is the latest technique being used, comparing magnetic signals detected in the field to a known library of magnetic signals produced by various munitions items. Techniques like this

provide USACE a higher level of confidence in the data produced from these investigations.

- Related to new technologies allowing USACE to find, identify and remove munitions items, Mr. Griffin noted that Mr. Hoffmann had requested USACE provide information on the munitions items that are being found during the various ongoing investigations.
 - a. Mr. Griffin presented a map showing the locations of UXO discoveries for the Lalamilo Parcel, noting that the additional items being found by newer technologies are mostly in the same areas items were found with older technologies. Mr. Griffin responded to an attendee question, explaining that the areas where UXO has been found as shown in the map are areas of vacant land.
 - b. Hash-marked areas on the map are stream areas, Mr. Griffin explained. A separate project in the Remedial Design phase is looking at the banks and stream beds in these areas. While the streams are not developable land, future residents (particularly children) occupying adjoining lots would likely enter the stream areas, requiring that they be evaluated for the presence of munitions items. This evaluation work is difficult to perform with the vegetation and terrain present, but it's important it be completed for safety.
 - c. Mr. Griffin invited community input, asking for thoughts on the best way to share UXO discovery details in real time, potentially using the RAB members to disseminate information rather than providing this information during the RAB meetings occurring twice each year. USACE has a Public Outreach Specialist and is considering options, but WMA residents are more likely to know the best way to get information disseminated locally, so their suggestions are requested.
- Mr. Griffin provided an update on the Lalamilo Parcel work completed since the last meeting in October 2022. DHHL soil stockpiles were successfully investigated and relocated, as was necessary to examine the land underneath. The Draft Remedial Action Report is currently being reviewed prior to submittal for HDOH review. Here, different than Pu'ukapu, a "Conditional No Further Action" determination will be issued for some areas (e.g., stream banks and beds, rough terrain). This is because those areas were investigated using older technology due to an inability to physically get the newer technology in those areas, and the inability to apply current quality assurance techniques to the older manual clearance work done.
- With housing existing north of this area USACE plans to meet with the community to discuss the decisions and outcomes after HDOH reviews the Remedial Action Report, which Mr. Griffin anticipates happening later in the summer. Notices announcing the meeting will go out when a meeting date is established.
- Mr. Lindstrom clarified that the process for this area is different from most other areas because this Remedial Action Report is the final document. Once USACE finalizes and HDOH approves the Remedial Action Report, that will be the final document issuing the "Conditional No Further Action" determination for the area. Additional consultation will need to be done with DHHL to determine exactly

where the determination is applicable because the area boundaries do not align completely with the Tax Map Keys for parcels.

- a. A community member asked wanted to know if the “Conditional No Further Action” was sufficient for the HUD because they require a “No Further Action” letter to accompany loans in order to insure them. Mr. Lindstrom referred to a 2019 HUD notice which states a HDOH “Conditional No Further Action” letter is acceptable to HUD to provide financing and provides additional explanation regarding the conditions for HUD approval.
- b. Mr. Tim McCullough asked whether his Lalamilo Farm Lots property was included in the Lalamilo Parcel area. Mr. Lindstrom stated Mr. McCullough’s parcel was not part of the Lalamilo Parcel area, but part of the larger Areas B,O,Q,J project (Project 04) where Remedial Design is currently underway. Mr. Lindstrom explained that the B,O,Q,J areas had previously undergone a removal action, but there was a lack of confidence in that older work. For the Lalamilo Parcel, the decision was made to go back and revisit the entire area with additional removal action activities. For the remainder of the Areas B,O,Q,J site, the decision was to perform a Remedial Design to identify which areas required additional removal action work and where historical work was acceptable. Mr. McCullough stated USACE contractors have been on the property several times and have indicated they were completed with their work, so he’s trying to understand where they are in the process as this is “Year 19” for them. They have provided three ROEs and seen three different contractors working on the property. Mr. Griffin thanked Mr. McCullough for signing the ROEs to allow work on his property and acknowledged 19 years is too long. Mr. Griffin restated that the Remedial Design currently being performed will determine what work is done in the future, but indicated that Remedial Design report is not expected to be completed for likely another year.

d) Other Project Areas Discussion

- Sector 16 (Project 20) - Mr. Griffin explained Sector 16 (Project 20) runs along Kawaihae Road and is divided into six parts: 16A, 16B, 16B’, 16C, 16D, and 16E. Remedial Investigation phase is underway, so the project is early in the CERCLA process. USACE sent the first round of ROE letters to property owners on May 19th attempting to obtain access to begin investigating these areas. HDOH currently has Remedial Investigation work plans (ecological resources, archaeological monitoring, community relations, etc.) in their queue for review. Mr. Griffin indicated HDOH has recently added staff to assist Mr. Lindstrom in performing these reviews and oversight. Mr. Griffin then presented the milestones listed on the Sector 16 (Project 20) Milestones Schedule slide, indicating it's typically a 5-year journey to complete the CERCLA Remedial Investigation phase with a Record of Decision projected for 2027.
- Sectors 17A, 17B, 17C, 17E and 17F (Project 21) – Mr. Griffin noted these areas are located in the resort area, along the shoreline, and are in the Remedial Investigation phase. He reviewed the location map of Sectors 17A, 17B, 17C, 17E and 17F (Project 21), noting that Sector 17D (Hapuna) is also in this area, but is a

separate project in the Remedial Design phase. Similar to Sector 16 (Project 20), work on Sectors 17A, 17B, 17C, 17E and 17F (Project 21) at this time includes work planning and HDOH review of planning documents to obtain their concurrence on the approach to the site. Mr. Griffin presented the milestones listed on the 17A, 17B, 17C, 17E and 17F (Project 21) Milestones Schedule slide. A public meeting is currently anticipated for August 2023.

- Area F (Project 23) – Mr. Griffin said that Area F (Project 23) is one where USACE will be going back to take a closer look at a portion of the area. The entire area is owned by Parker Ranch and the ROE process has been initiated with them. This area is in the Remedial Investigation phase, where work at this time is focused on work planning and HDOH review of USACE’s work planning documents. Mr. Griffin presented the milestones listed on the Area F (Project 23) Milestones Schedule slide.

LTC Pevey Closing Remarks

- LTC Pevey indicated he needed to step away from the meeting to take a call regarding the impending Guam hurricane response but wanted to thank the community once again for the honor of allowing him to speak with them.

e) Other Project Areas Discussion (continued)

- Mr. Griffin explained remedial technologies are reviewed and tested within the CERCLA Remedial Design phase. He presented a map showing several WMA sites currently in the Remedial Design phase. He noted that areas within the southern area of WMA (Areas M & P) were locations heavily used for military operations.
- Areas B,O,Q,J-Cleared (Project 02) and Areas B,O,Q,J-Remnants (Project 04) – Mr. Griffin explained these two projects are happening in essentially the same area. Project 02 consists of ~3,500 acres with an additional 930-940 acres within Project 04. The contract in place examines both Project 02 and Project 04 to gather information to drive decisions when the Remedial Action phase is entered.
 - a. The past 12 months have been spent completing vegetation removal, collecting geophysical data and digging at anomaly locations to determine what their sources are.
 - b. Field work continues, including working with Hawaii County at the Ouli Ekahi Affordable Housing area supporting their completion of drainage improvements.
 - c. Remedial Design report will be prepared utilizing all the field data collected. Remedial Design report will inform the subsequent Remedial Action – Construction phase where removal actions will be performed.
 - d. A virtual attendee asked Mr. Griffin to define what “cleared” means. Mr. Griffin explained “cleared” may not always be the correct term to use, explaining that depending upon the technology utilized and the environment it is deployed in “cleared” could mean different things. Where the latest technology is being used in the Lalamilo Parcel, “cleared” means that we have a very high level of confidence that the

munitions and explosives of concern (MEC) have been removed. In other areas, “cleared” may not be the correct term to use. USACE investigates and then digs at anomaly locations to find potential MEC/UXO. When USACE deems they have achieved “response complete”, land use controls are then used to mitigate remaining UXO risk.

Ms. Kawaihae asked where the liability rests if a property is not free of MEC/UXO and someone is injured as a result. Mr. Griffin indicated that, under CERCLA, the Department of Defense would need to come back to do additional work in that case. Mr. Griffin stated that Department of Defense is responsible for any MEC/UXO found anywhere within WMA; however, USACE does not believe there will be MEC/UXO remaining at the Lalamilo Parcel.

An attendee asked for clarification on the technology being “100%” accurate. Mr. Griffin emphasized that the latest technology does provide 100% accuracy but is limited to the areas in which we can deploy it. Mr. Benjamin Konshak, USACE geophysicist, confirmed USACE has very high confidence in the data coming from current metal detectors being used at the Lalamilo Parcel as opposed to older analog metal detectors used in the past that relied on the skills and knowledge of human operators. He explained the analog metal detectors work similarly to what someone might use on a beach, where the operator listens for a tone and digs based on that. However, current magnetometers have Global Positioning System antennas and record signals detected across the site and can prepare a map from that data for use in determining where further investigation is needed. This provides a very good record of what the metal detector has “seen” and where; however, there are some caveats. He stated a geophysicist would not say something is “100%” accurate, but we can be very confident in what the metal detector saw to the depth that it is capable of detecting. That said, there are situations where munitions can end up being buried deeper due to regrading of the site or depositing of sediment due to flooding. An attendee asked to what depth a metal detector can detect. Mr. Konshak explained that the depth of detection depends on the size of the item. Larger items could be detected at depths of a meter, while smaller items like hand grenades could be detected at a depth of around one foot.

Mr. Griffin emphasized that we don’t want to compare the Lalamilo Parcel to the remainder of WMA. As another example, the property in Lalamilo Farm Lots was potentially used differently than the Lalamilo Parcel was, so there are potentially different munitions there and different conclusions on additional work needed will likely come from that investigation.

An attendee asked whether USACE takes into consideration the history of the land, how objects could have been moved during construction, or if land was never used. Mr. Griffin explained that land use history is reviewed for the sites and that USACE geologists can determine whether soil has been disturbed at a location.

They can also determine whether items were disposed as Discarded Military Munitions or came to be in a location due to expected operational use.

An attendee stated that some lots have been regraded with as much as 30 feet of fill material, making munitions that might have been present now buried at a depth of 30 feet. He asked if the community should worry about potential risks from munitions like this that are buried 30 feet underground. Mr. Griffin explained that for a munition item to pose a risk, there must be a pathway where someone could be exposed to that risk. Even if a munition item buried 30 feet does detonate, there is not a pathway for it to injure someone at the surface. Mr. Stephen Jones, USACE Ordnance and Explosives Safety Specialist confirmed depth of burial is considered when assessing risks. Mr. Griffin stated that there are situations, like at the Lalamilo Parcel, where there has been regrading and other ground disturbance due to historical infrastructure construction and those situations are considered. In this case, USACE had discussions with HDOH and determined additional evaluation of those areas was not required due to all the regrading that had historically taken place. Anything that would have been present would now be buried deeply and there would not be a complete risk pathway, so USACE does consider that scenario as USACE evaluates the sites.

Mr. Lindstrom further explained that the Lalamilo Phase IIA area already developed will be included in the acreage in the Remedial Action Report and will be covered by that “Conditional No Further Action” determination. HDOH will work with DHHL to develop a site-specific hazard management plan identifying areas where USACE assesses there are remaining munitions hazards. For development in areas where munitions hazards are present, DHHL will need to utilize UXO construction support during that work. For development in areas where it is determined there is not a munitions hazard, UXO construction support will not be required. An example is the Castle & Cooke property on the high side of Waikoloa Village where areas cut to bedrock do not require UXO construction support because munitions of concern could not penetrate bedrock. Additionally, areas where clean fill was imported and trenching or digging is not expected below those new grades similarly do not need UXO construction support. The site-specific hazard management plan will identify all the places where UXO construction support is needed and where it is not, so that support can be planned for and used where needed during development.

- An attendee asked Mr. Lindstrom to elaborate on the HUD notice discussed earlier in the meeting. Mr. Lindstrom explained a series of four HUD notices were issued between 2017 and 2019 to address WMA. These notices detailed the issues with WMA and what the restrictions on HUD funding are and explained how these restrictions impacted requirements for Native Hawaiian Housing Block Grant and public housing activities. The last notice in the series explained the HDOH “Conditional No Further Action” letter placing restrictions on the site to manage remaining risk. The attendee asked what managing the residual risk involved. Mr. Lindstrom referred the attendee to the HDOH Areawide Environmental Hazard Management Plan for WMA and made fact sheets (see Attachment 5) describing

that plan available to attendees. He indicated the fact sheet and plan provide information on how a property owner can minimize their risks of encountering UXO to work safely during development of property. He stated the 2019 notice addressed HUD-backed mortgages saying properties with a HDOH “Conditional No Further Action” satisfy HUD and restrictions are lifted for that property provided the conditions of the letter are followed. Area P and Lalamilo Parcel properties will have this type of letter indicating requirements for UXO construction support and certain notification provisions. Sector 15 property will receive a “No Further Action” letter without such conditions, which also satisfies HUD requirements to lift restrictions on HUD funding and lending.

- Mr. James Hustace, Waikoloa Community Association, asked about potential impacts on construction of the extension of Keanuiomano Street to access Kawaihae Road. Mr. Griffin said USACE is aware of the need for UXO construction support for that ground-disturbing work.
- Mr. Griffin presented the “Recent UXO Discoveries – Waimea Town” slide depicting recent UXO discoveries in that area, indicating most of the UXO found were grenades.
- Mr. Griffin presented the “Recent UXO Discoveries – Kawaihae Road Corridor” slide depicting recent UXO discoveries in that area.
- Sector 17D (Project 10) - Mr. Griffin explained Sector 17D (Project 10) at Hapuna is in the Remedial Design phase and is being revisited to examine some areas where Non-Time-Critical Removal Actions had historically been performed. The Munitions Response – Quality Assurance Project Plan is under HDOH review, with all other planning documents having received approval. Mr. Griffin presented the milestones listed on the Sector 17D (Project 10) Milestones Schedule slide including a public meeting planned for August 2023.
- An attendee asked if USACE was involved with planned water line replacements in the area. Mr. Griffin stated Board of Water Supply will typically include a requirement for construction contractors to supply UXO construction support within their construction contracts, so USACE typically isn’t involved. Mr. Griffin added that in a situation where a water line has already been put in at some point, that land has already been disturbed so, while something may have been pushed back into the trenches, the risk of encountering UXO may be lower in those areas.

Rights of Entry Process

- Mr. Griffin introduced the Rights of Entry (ROE) Process, stating that this is the community’s chance to engaged in this process. He explained that because USACE does not own FUDS properties, they must be granted permission to access impacted areas. That access is granted when the property owner signs a ROE allowing access.
- The ROE process was revised by USACE Headquarters in December of 2022; however, existing ROEs are valid until they expire. Going forward, the new ROE format must be used.
- Mr. Griffin explained a ROE is a request to access a property to conduct work. A ROE typically has a 5-year term and provides written permission for USACE to work on a property not owned by USACE. A ROE does not grant unlimited access

to the property and USACE always tries to be respectful with their actions on properties where ROE has been granted. The ROE also does not grant property access to any other agency outside of USACE.

- Mr. Griffin acknowledged that the ROE language can be onerous and provided several examples of activities USACE does not do in WMA that may still be mentioned in the standard ROE language (e.g., groundwater monitoring, building structures, long-term vehicle parking, etc.). Mr. Griffin noted his contact information is on the ROE and encouraged community members to call if they have any questions or concerns regarding anything stated in the ROE. He said he has received several calls during this last campaign to obtain ROE, and it appears the ROE documents can be particularly confusing to our kupuna. Attendees of this meeting might be able to assist them in understanding based on the information provided here.
- Mr. Griffin described what the ROE process consists of, reviewing the bullets on the Rights of Entry Process – What to Expect slide. He noted that property owners have the right to deny USACE entry; however, under CERCLA the environmental liability for UXO contamination then falls on the property owner.

Five-Year Review

- Mr. Griffin described that Five-Year Reviews are performed when a remedy with land use controls is implemented. Every 5 years after completion, USACE evaluates whether the remedy remains protective. USACE performs a Five-Year Review by making site visits and conducting interviews to gather information about continuing protectiveness of the remedy.
- Site walks are typically conducted jointly with HDOH.
- Area N (Project 07) & Area R (Project 22) – Five-Year Reviews were completed for these areas. Both were assigned “Short-Term Protective” status, meaning the remedy currently protects human health and the environment; however, additional steps must be taken to achieve long-term protectiveness.
- Area M (Project 07) & Area P (Project 22) – These areas were assigned “Will Be Protective” status, meaning the areas will go into a long-term management phase with land use controls once the remedy is fully implemented. The reports for these two projects are scheduled for completion by the end of 2023.
- An attendee asked whether Five-Year Reviews will apply to the Pu’ukapu area after it’s complete. Mr. Griffin stated Pu’ukapu Sector 15 (Project 19) was determined to require no action, so no land use controls will be implemented and Five-Year Reviews will not apply.

WMA Outreach

- Ms. Edwyna Brooks introduced herself as handling outreach for USACE, Honolulu District. She expressed that safety is the top priority at USACE, everything USACE does is rooted in safety, and her job is to make sure the public understands “The 3Rs of Explosives Safety”.

- USACE provides an all-ages briefing on 3Rs, reaching over 1,400 students this year.
- USACE also promotes the 3Rs message at community events like Earth Day celebrations and the Kawaihae Harbor Beach Cleanup.
- The USACE team also provides 3Rs training to individuals engaging in ground-disturbing activities in their professions.
- Ms. Brooks stated USACE is doing more to reach out to the public through community events and emails. She presented a QR code attendees could capture to sign up to be on the USACE WMA email list.
- Mr. Griffin presented a slide providing links to helpful websites where attendees could go for additional information.

Discussion

The following questions were posed by Mr. Greg Fleming in the virtual attendee chat feature. These questions will be addressed by USACE directly with Mr. Fleming after the meeting, as he had to leave the meeting.

1. Can there be a re-alignment and prioritization of resources or is it too late? It seems that we may be pursuing a "shot-gun approach" rather than one focused on community priority requirements.
2. What are the current priorities of work from a community perspective? What are the project areas that need to be completed first due to needs? What project areas can wait -- resources could be shifted to priority areas?
3. From a USACE perspective, can projects be refocused? Time, people and money to better align the effort required by the community. Some contracts may be placed on hold and the resources shifted to priority project areas.
4. What is the current Project completion date? Where is the funding profile -- what has been funded for FY24? Can funds be shifted and Project Areas timelines be shortened with increased resources?
5. To the Geophysical Scientists: Can a Cut and Fill analysis be completed using GIS systems? This would identified 1945 areas that at the surface or close to it. The Cut and Fill analysis Map could be used to focuses the work effort.
6. Recommend RAB and USACE jointly reviews community priorities and enumerates them — for example DLNR project site for Native Hawaiian Housing — is it the number one concern by the RAB? Can work and contracts there be constrained to allow for development. Can USACE adjust contracts to support re-alignment of resources?
7. Can a Cut and Fill analysis be completed and a map provided? Can USACE layer this over the CERCLA Site in its entirety and affirm or realign priorities?

8. Can a Trade-Off analysis be completed to set a priority of work?

Closing Remarks

- Mr. Griffin closed the presentation with the “3Rs of Explosives Safety” slide and thanked the attendees for their time and attention.
- An attendee asked for additional information. Mr. Griffin advised she could reach out to Ms. Brooks and Mr. Hoffmann offered for the attendee to contact him as well.
- Mr. Hoffman advised attendees that there is much work to do and they should reach out to any one of the RAB members as a point of contact for any questions or input.
- An attendee commented that, while they’d like to see the pace of the work be faster, USACE should be complemented on the 3Rs educational programs being offered to keep residents safe, and Mr. Hoffman concurred.
- Mr. Griffin urged the community to participate and take action when necessary in order to get the work completed.
- Another attendee asked whether the work described in the milestones schedules is already funded. Mr. Griffin advised the work presented during this meeting has been approved and funded. He added that priorities for funding are reevaluated annually, in a cooperative effort with HDOH.

Motion to adjourn the meeting made by Mr. Hoffmann. Meeting adjourned at 7:15 PM.

ATTACHMENTS:

ATTACHMENT 1 - Agenda

ATTACHMENT 2 - Attendee List

ATTACHMENT 3 - RAB Presentation

ATTACHMENT 4 - RAB Meeting Minutes – October 25, 2022

ATTACHMENT 5 – HDOH Fact Sheet Areawide Environmental Hazard Management Plan

ATTACHMENT 1:
SPRING 2023 WMA RAB MEETING AGENDA

AGENDA

Opening Remarks: Government Co-Chair..... David Griffin
Commander's Remarks..... LTC Ryan Pevey

Board Administration

Old Business

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

- 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 Complete) – Project 2

Rights of Entry Process David Griffin

Work Status Update Continued David Griffin

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

WMA Outreach Edwynna Brooks

Questions/Discussion Open

Closing Remarks David Griffin

ATTACHMENT 2:
SPRING 2023 WMA RAB MEETING ATTENDEE LIST

WMA RAB Meeting Attendance
May 23, 2023

Virtual Attendees (Webex)

Name	Attendee Email	Join Time	Leave Time	Attendance Duration	Connection Type
Amy	amyphillips18@hotmail.com	2023-05-23 22:02:17	2023-05-23 23:32:10	90 mins	Mobile app
Amy B	albrunner@protonmail.com	2023-05-23 22:15:54	2023-05-23 22:26:09	11 mins	Mobile app
Call-in User_10		2023-05-23 23:57:15	2023-05-24 00:15:39	19 mins	Other app
Call-in User_2		2023-05-23 20:52:58	2023-05-23 20:59:10	7 mins	Other app
Call-in User_3		2023-05-23 21:51:52	2023-05-23 22:02:11	11 mins	Other app
Call-in User_5		2023-05-23 22:03:54	2023-05-23 22:21:01	18 mins	Other app
Call-in User_6		2023-05-23 22:18:33	2023-05-23 22:37:36	20 mins	Other app
Call-in User_7		2023-05-23 22:22:32	2023-05-23 22:46:49	25 mins	Other app
Call-in User_8		2023-05-23 22:30:48	2023-05-23 22:51:02	21 mins	Other app
Call-in User_9		2023-05-23 22:37:42	2023-05-24 00:09:51	93 mins	Other app
Clark	climoges@bristol-secure.com	2023-05-23 21:53:03	2023-05-24 00:13:59	141 mins	Web app
Dan Miller	dmiller@uxopro.com	2023-05-23 22:00:21	2023-05-23 22:05:58	6 mins	Desktop app
Dan Miller	dmiller@uxopro.com	2023-05-23 22:05:19	2023-05-24 00:15:23	131 mins	Desktop app
David Tarnas	reptarnas@capitol.hawaii.gov	2023-05-23 22:06:57	2023-05-24 00:15:44	129 mins	Desktop app
Gregory Fleming	grfleming@gmail.com	2023-05-23 21:24:31	2023-05-24 00:04:58	161 mins	Desktop app
Gretchen McDonnell	gretchen.mcdonnell@cayusegov.com	2023-05-23 20:15:50	2023-05-24 00:15:44	240 mins	Web app
Ikaika Mahoe	ikaika.v.mahoe.ctr@army.mil	2023-05-23 22:27:04	2023-05-24 00:09:40	103 mins	Desktop app
Ikaika Mahoe	ikaika.v.mahoe.ctr@army.mil	2023-05-23 22:11:09	2023-05-23 22:15:19	5 mins	Web app
Jeff Viebrock	jviebrock@eaest.com	2023-05-23 21:59:29	2023-05-24 00:15:26	136 mins	Desktop app
Jenny	jennifer.mcdonnell@cayusegov.com	2023-05-23 21:33:00	2023-05-24 00:15:44	163 mins	Desktop app
Katherine Luga	lug.k@pri-hi.com	2023-05-23 21:56:01	2023-05-23 23:04:16	69 mins	Web app
Loren Zulick	loren.a.zulick@usace.army.mil	2023-05-23 21:55:57	2023-05-24 00:15:44	140 mins	Desktop app
Maria	mi0543327456@gmail.com	2023-05-23 22:12:49	2023-05-23 23:15:15	63 mins	Mobile app
Melissa Nathan	melissa.nathan@cayusegov.com	2023-05-23 21:51:12	2023-05-24 00:15:44	145 mins	Desktop app
Melissa Zamora	melissa.m.zamora@usace.army.mil	2023-05-23 21:53:19	2023-05-24 00:15:32	143 mins	Desktop app
Piialoha Kekuna	pili.kekuna@cayusegov.com	2023-05-23 21:41:39	2023-05-24 00:15:24	154 mins	Desktop app
Reid Maekawa	reid.h.maekawa@usace.army.mil	2023-05-23 21:15:19	2023-05-23 23:58:39	164 mins	Desktop app
SC	aniku.chong@gmail.com	2023-05-23 22:16:06	2023-05-23 23:41:40	86 mins	Desktop app
Teresa Quiniola	tquiniola@eaest.com	2023-05-23 22:35:44	2023-05-24 00:15:44	100 mins	Desktop app
Tess Rottero	trottero@eaest.com	2023-05-23 21:48:57	2023-05-24 00:14:37	146 mins	Desktop app
Tiffany DeMasters	tdemasters@pmghawaii.com	2023-05-23 21:58:48	2023-05-24 00:15:44	137 mins	Desktop app
WMARAB VIDEO	duy.ta@usace.army.mil	2023-05-23 21:04:10	2023-05-24 00:15:44	192 mins	Desktop app
j.brown	jbrown96743@gmail.com	2023-05-23 23:03:00	2023-05-23 23:19:34	17 mins	Mobile app
jon	jkutler@admiraltypartners.com	2023-05-23 21:57:28	2023-05-23 23:27:01	90 mins	Mobile app
s	mikeandsuzhawii@gmail.com	2023-05-23 23:12:16	2023-05-24 00:15:44	64 mins	Desktop app

In-Person Meeting

Name	Attendee Email	Phone Number	RAB Member
David Griffin	david.e.griffin@usace.army.mil	808-835-4079	X
Pete Hoffmann	petehoffmann@hawaii.rr.com	808-883-8547	X
Bruce Banick	bruce@allislandinsurance.biz	808-883-2447	X
Jeremie Evangelista	jeremie.evangelista@hawaiicounty.gov	808-887-3080	X
James Dupont	james.w.dupont@hawaii.gov	808-887-6053	X
Niniau Kawaihae	niniau.kawaihae@hawaii.gov	808-439-2474	X
Sven Lindstrom	sven.lindstrom@doh.hawaii.gov	808-586-5815	X
Reid Maekana	reid.h.maekana@usace.army.mil	808-835-4631	
Cindy Liu	cindy.liu@eng.com	925-250-3967	
Cariann Ah Loo	cahloo@na-alli.com	808-445-9506	
Lisa Scott	lisa.m.scott@usace.army.mil	808-501-5964	
Laura Kelley	laura.c.kelley@usace.army.mil	256-895-1932	
Amy Bugala	amy.i.bugala@usace.army.mil	808-490-8280	
Jennah Oshiro	jennah.oshiro@doh.hawaii.gov	808-586-4653	
Peter cook	Cookshi@aol.com	808-937-2833	
Stephen Brown	sbrown@hgh.com	850-217-9282	
Tom Venus	tvenus@hawaiiwaterservice.com	808-315-0014	
Morganne Morrison	morganne.c.morrison@parsons.com	720-484-9472	
Benjamin Konshak	benjamin.m.konshak@usace.army.mil	808-646-0513	
Steven Jones	steven.k.jones@usace.army.mil	808-265-7600	
James Hustace	jameshustace@gmail.com	N/A	
M Kapuniai	mkkapuniai@gmail.com	808-936-0157	
Shirley DeRego	sanderego@gmail.com	808-960-4889	
Tim McCullough	4+Rfarm@gmail.com	808-640-5357	
Hanna Puentes	hpuentes@?	808-756-5427	
Balbi Brooks	balbi_brooks@yahoo.com	808-936-6901	
Makai Freitas	N/A	N/A	

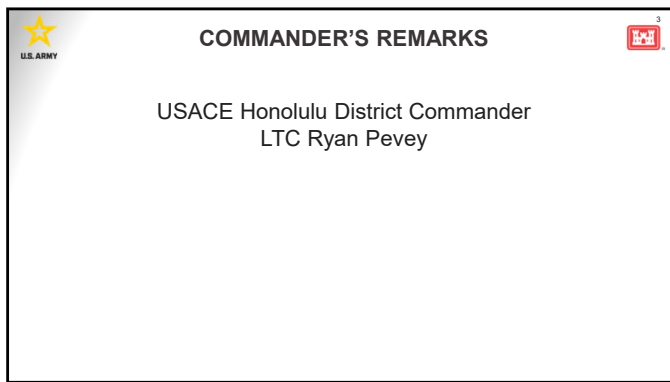
ATTACHMENT 3:
SPRING 2023 WMA RAB MEETING PRESENTATION SLIDES



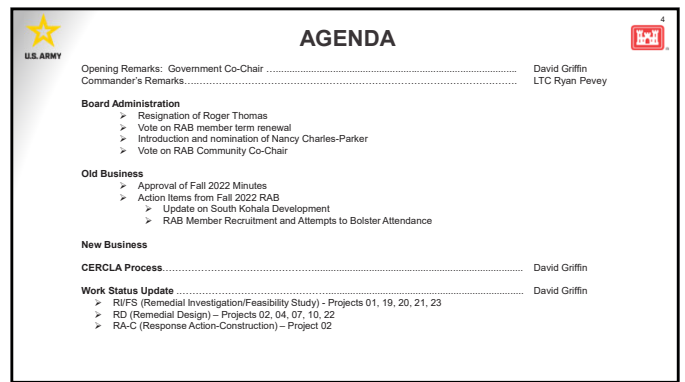
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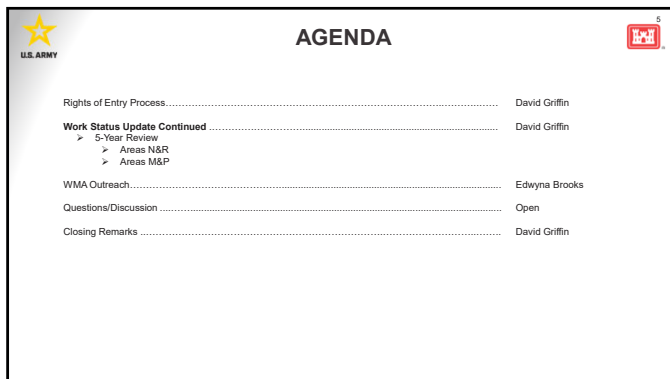
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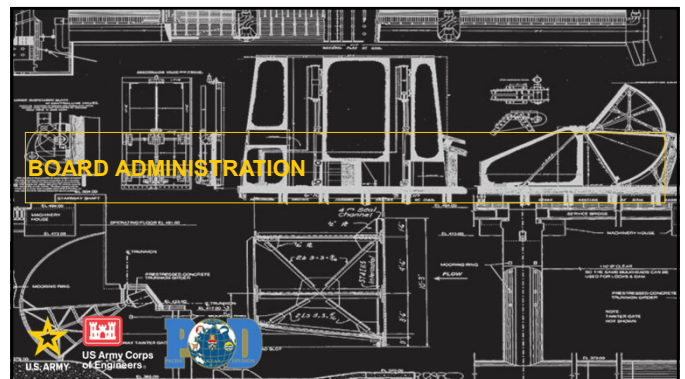
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6

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

7

OLD BUSINESS

8

OLD BUSINESS

Approval of Minutes
October 25, 2022 Restoration Advisory Board Meeting

9

OLD BUSINESS

Action Items from Fall 2022 RAB

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

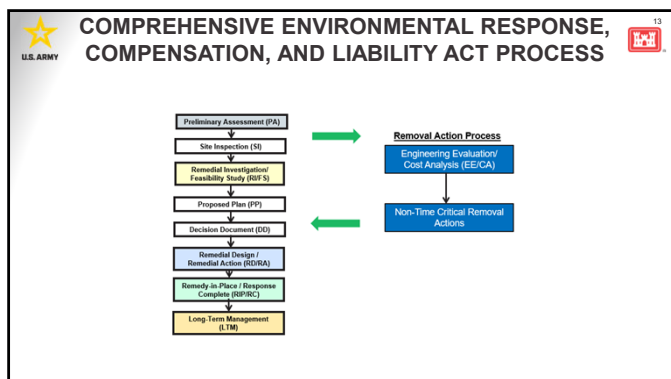
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NEW BUSINESS

11

CERCLA PROCESS

12



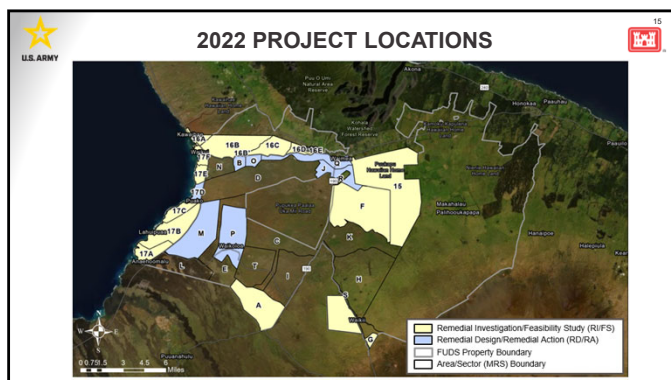
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2022 SMAP PRIORITIZED WORK AREAS

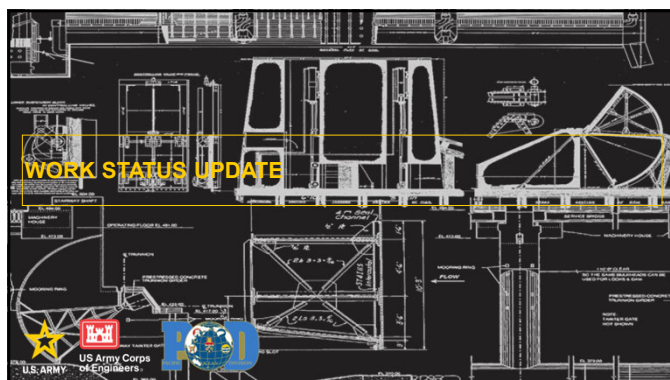
Typically based on risk

2022 WMA Ranking	Proj. No.	Project Name	Phase	MRSP
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

14



15



16

WORK STATUS UPDATE

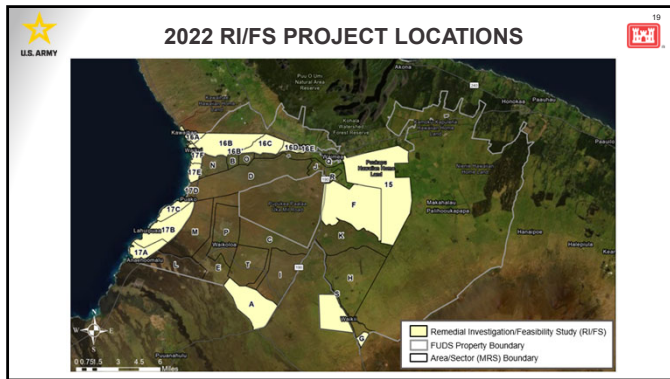
CERCLA Phase	Project Area
> RI/FS	Areas A & G Sector 15 Sectors 16A, 16B, 16C, 16D, 16E Sectors 17A, 17B, 17C, 17E, 17F Area F
> RD	Area B,O,Q,J-Cleared Area B,O,Q,J-Remnants
> RA-C	Area B,O,Q,J-Cleared – Lalamilo Parcel

17

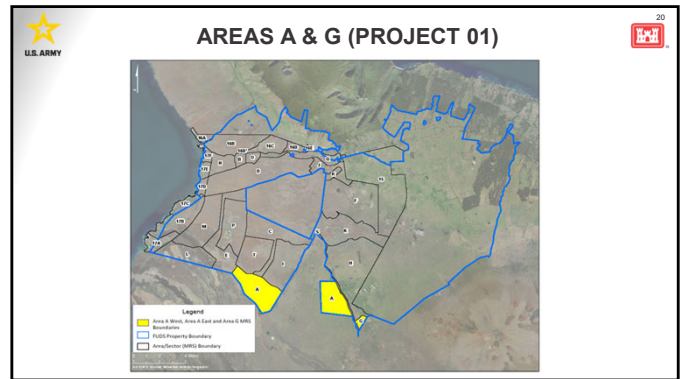
WORK STATUS UPDATE

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

18



19



20

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.

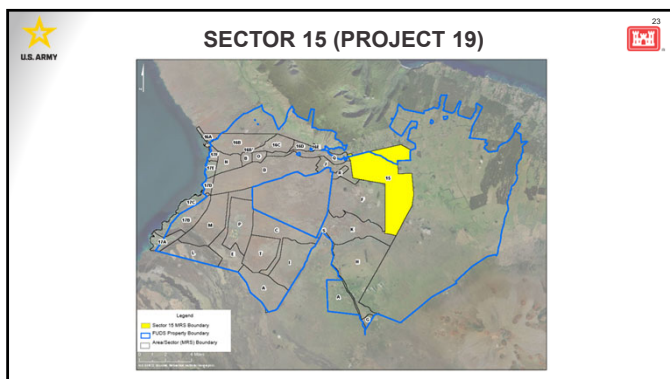
21

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

22



23

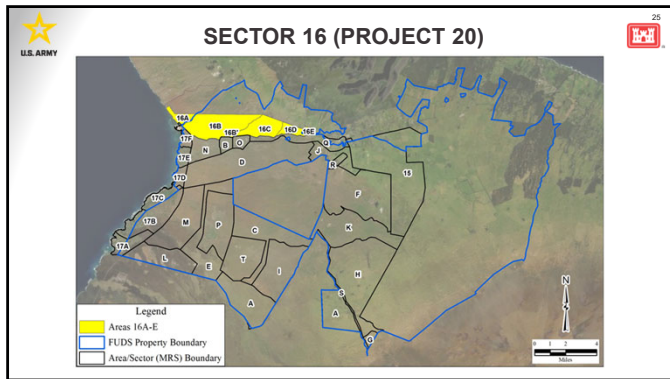
SECTOR 15 (PROJECT 19)

➤ **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

24



25

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

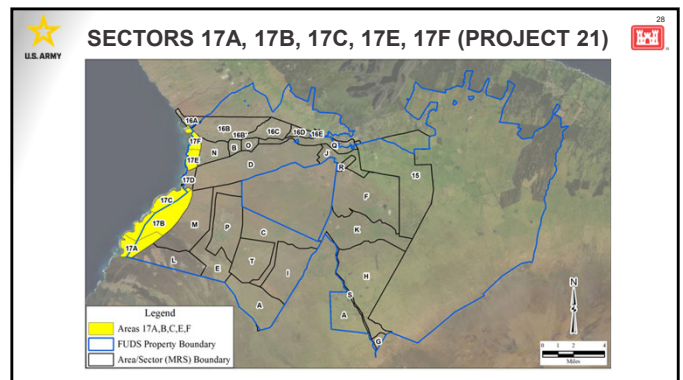
26

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

27



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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

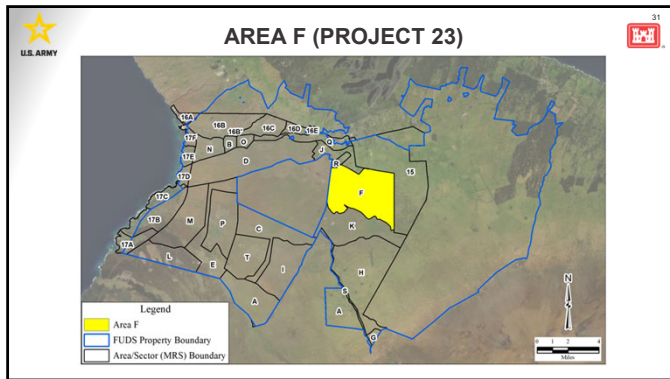
29

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

30



31

U.S. ARMY

AREA F (PROJECT 23)

- **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

32

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U.S. ARMY

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

33

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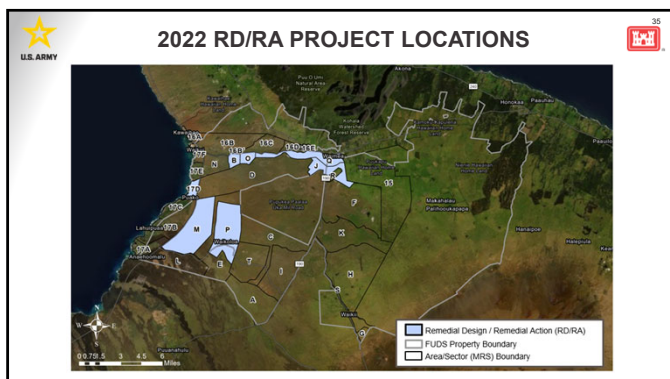
U.S. ARMY

WORK STATUS UPDATE

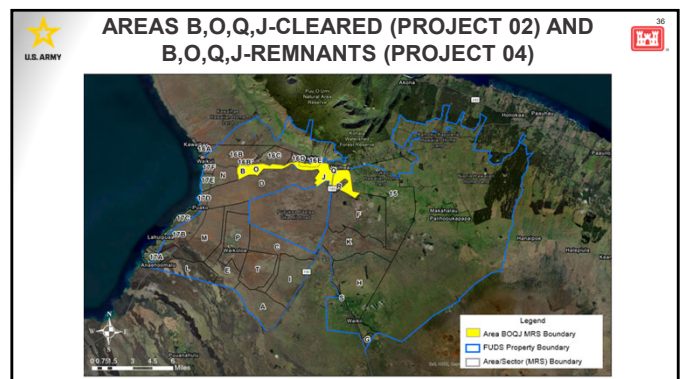
RD
(Remedial Design)
Remedial Technology Tested and Selected

34

34



35



36

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

➤ **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)

MILESTONES SCHEDULE

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

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RECENT UXO DISCOVERIES – WAIMEA TOWN

39

RECENT UXO DISCOVERIES – KAWAIHAE ROAD CORRIDOR

40

SECTOR 17D (PROJECT 10)

41

SECTOR 17D (PROJECT 10)

➤ **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

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SECTOR 17D (PROJECT 10)

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

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

➤ 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

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RIGHTS OF ENTRY PROCESS

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RIGHTS OF ENTRY PROCESS

- 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

- **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

- **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

- **What to expect**
 - An ROE letter will 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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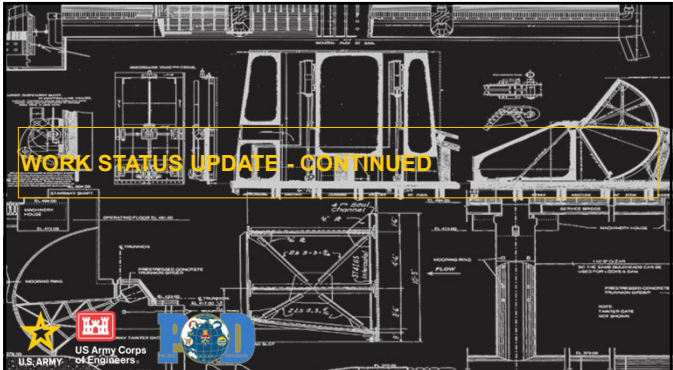


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RIGHTS OF ENTRY PROCESS

- **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

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U.S. ARMY

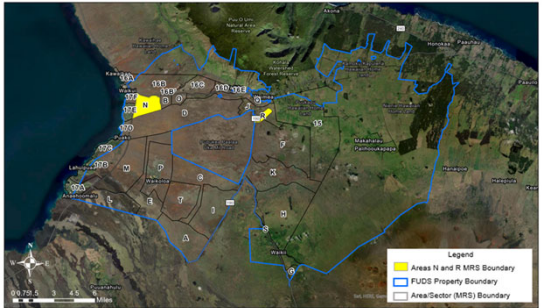
WORK STATUS UPDATE

Five- Year Reviews
Check to confirm remedy is working

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U.S. ARMY

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



Legend

- Area N and R MRS Boundary
- FUGS Property Boundary
- Area/Sector (MRS) Boundary

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U.S. ARMY


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

- **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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U.S. ARMY

AREA M (PROJECT 08)




Legend

- Area M MRS Boundary
- FUGS Property Boundary
- Area/Sector (MRS) Boundary

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U.S. ARMY

AREA P (PROJECT 18)



Legend

- Area P MRS Boundary
- FUGS Property Boundary
- Area/Sector (MRS) Boundary

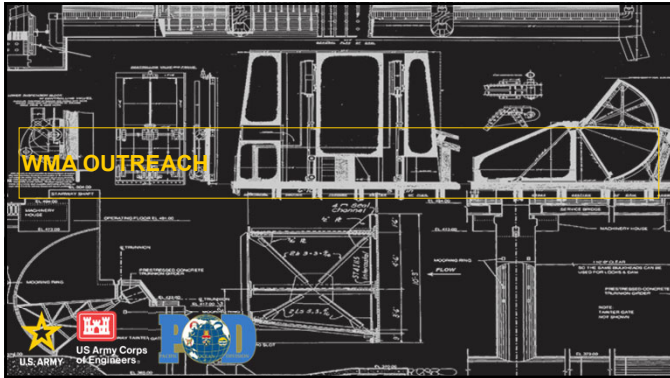
59

U.S. ARMY

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.

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WMA COMMUNITY OUTREACH

3Rs Explosives Safety Education			
Audience	Date	Event	
State and Industry	Jan 31	Engaged w/employees from Kona Airport and Westin Hapuna Beach	2 events
Schools	Feb 02	Engaged w/employees from DOT, Hilo Hawaii and County of Hawaii	Engaged w/Total = 80 workers
	Jan 26	400 students - Palua Elementary School	
	Feb 17	200 students - Waimea Middle School during a presentation	4 events
	Feb 22	50 students - 10 school-aged children - Waimea Country School	Engaged w/Total = 1,415 families and school-aged children
	Mar 21	755 students - Waikoloa Elementary and Middle Schools	
Community	Mar 04	Participated in Kaula Harbor Beach Cleanup	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. Ilo, 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

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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JOIN OUR MAILING LIST

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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

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CLOSING REMARKS

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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.

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Former Waikoloa Maneuver Area

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RESOURCE SLIDES

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SITE PRIORITIZATION AT WMA

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- Munitions Response Site Prioritization Protocol (MRSP) 32 CFR Part 179
- MRSP Score
 - Work under the MRSP is prioritized based on risk
 - Prioritization helps organize over 3,500 Munitions Response Sites in a manner of most to least hazardous
 - Prioritization is based on three evaluation factors: Explosive Hazard, Chemical Warfare Material Hazard and Health Hazard
 - The scale is 1 – 8 with the number “1” being the highest priority
 - MRSP scores are reviewed annually and updated, as necessary, to reflect new information
- Statewide Management Action Plan (SMAP)
 - USACE and Regulator, HDOH
 - Conducted Annually
 - Prioritizes all FUDS Projects within Hawaii
- Community can influence priorities by bringing special interests to attention of HDOH and USACE

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RESOURCE SLIDES

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ATTACHMENT 4:
FALL 2022 WMA RAB MEETING MINUTES

**(Please refer to the archived meeting minutes for a full
record of the Fall 2022 WMA RAB Meeting Minutes and
presentation slide deck)**

ATTACHMENT 5:
SPRING 2023 WMA RAB MEETING
Hawaii State Department of Health
Areawide Environmental Hazard Management Plan Flyer

The **Hazard Evaluation and Emergency Response (HEER) Office** is part of the Hawai'i Department of Health's Environmental Health Administration whose mission is to protect human health and the environment. The HEER Office provides leadership, support, and partnership in preventing, planning for, responding to, and enforcing environmental laws relating to releases or threats of releases of hazardous substances.

Explosives Safety Guidance to Help Protect You from Munitions Hazards in the Waikoloa Maneuver Area (WMA)

available online at <https://health.hawaii.gov/heer/files/2019/11/WMAAEHMP.pdf>



Examples of Unexploded Ordnance (UXO) found at Waikoloa Maneuver Area

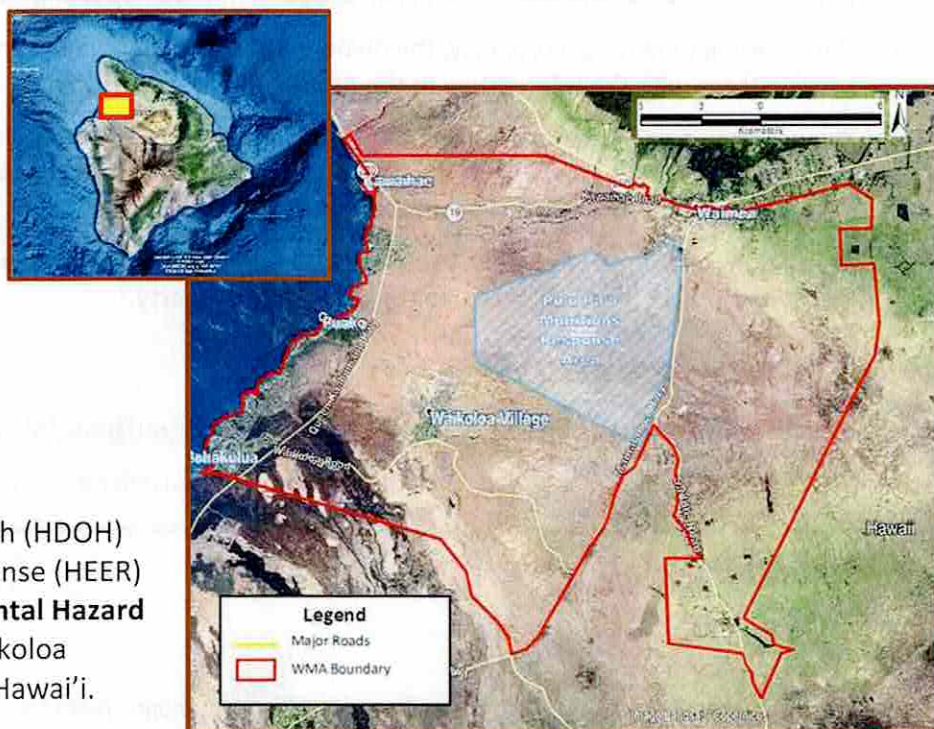
In 2019, the Hawaii Department of Health (HDOH) Hazard Evaluation and Emergency Response (HEER) Office released an **Areawide Environmental Hazard Management Plan (AEHMP)** for the Waikoloa Maneuver Area (WMA) on the Island of Hawai'i.

The purpose of the AEHMP is to address the risk of explosive hazards from Unexploded Ordnance (UXO) present in the area from historic military use during World War II and to provide UXO safety guidance for construction and development projects within the WMA.

What's in the AEHMP?

The following is a summary of the WMA AEHMP Guidelines:

- Within the WMA, even areas that have been previously cleared by the U.S. Army Corps of Engineers (USACE) have a 'residual risk' of UXO, due to limitations of technology and other factors. Therefore, **all areas** within the WMA present a potential UXO exposure and explosive hazard to users of the property.



Location of WMA on the Island of Hawai'i

- Property owners in the WMA should inform all users of their property (visitors, tenants, landscapers, etc.) of the potential danger presented by the presence of UXO and inform them of the “3Rs” of UXO Safety; “Recognize” UXO are dangerous, “Retreat” – do not pick up the item, move to safety, and “Report” the item by calling 911.
- When developing within the WMA, use ‘UXO Construction Support’ provided by a Department of Defense Explosives Safety Board (DDESB)-Certified UXO Contractor to further reduce your risk of exposure to UXO. This is particularly important when excavating for a pool or septic tank or re-grading a property, but it is also important for small projects like installing a fence or planting a tree.
- For large-scale projects, such as a housing development or shopping center, the property owner should work with HDOH to prepare a Site-Specific EHMP (SSEHMP) to help ensure the protection of their workers and the public from UXO during and after the construction process.
- Soil from properties in the WMA must be managed during development to prevent inadvertent transport of UXO from one area to another, or to properties outside of the WMA. Soil should be excavated in 1-foot lifts using UXO Construction Support, and any soil removed from the property should be sifted and/or re-scanned by the UXO Contractor. The AEHMP includes a **Soil Management Plan Reporting Form** to document soil excavation and disposal.
- When selling or leasing a property, the owner must inform the new owner/occupant of potential UXO hazards and provide them with the information in the AEHMP and any SSEHMP.
- The property owner should provide USACE with Rights-of Entry (ROEs) to allow them free access to complete their investigations on the property, and use USACE as a resource for pamphlets, information, and signage that can be shared with property users to inform them of UXO hazards.
- In addition to calling 911 to report suspect UXO items, use the **UXO Report Form** provided in the AEHMP to inform HDOH and USACE when UXO are identified on your property.

Where can I find the AEHMP?

The AEHMP is available online at <https://health.hawaii.gov/heer/files/2019/11/WMAAEHMP.pdf>

Note: Use of this AEHMP is voluntary unless otherwise required under an agreement between the landowner and HDOH

Further Information

For questions related to UXO, contact:

Hawai'i Department of Health
Hazard Evaluation and Emergency Response Office
2385 Waimano Home Road #100
Pearl City, Hawai'i 96782

Telephone: (808) 586-4249
Website: <https://health.hawaii.gov/heer>

WMA Remediation Project Manager (RPM):

Sven Lindstrom: sven.lindstrom@doh.hawaii.gov

**Observe the “3Rs” of
UXO Safety and Reporting:
*Recognize...Retreat...Report!***

