

**WAIKANE TRAINING AREA  
RESTORATION ADVISORY BOARD (RAB) MINUTES  
WEDNESDAY, JULY 27, 2011  
WAIAHOLE ELEMENTARY SCHOOL CAFETERIA  
48-215 WAIAHOLE VALLEY ROAD  
WAIAHOLE, ISLAND OF OAHU, HAWAII**

1. MAJ Sally Hannan called the meeting to order at 7:10 p.m. and welcomed everyone.
2. Those in attendance included Government Co-Chair MAJ Sally Hannan and Hudson Kekaula and Dan Nakamura of U.S. Army Corps of Engineers (USACE); RAB members Community Co-Chair David Henkin, John Adolpho, Walea Constantinau, Kristen Mailheau sitting in for Todd Cullison, William Keoni Fox, Byron Ho, Kyle Kajihiro, Roger Morey, Steven Mow, Bernie Panoncial, Eunice Lehua Pate, Poola Villarimo and Paul Zweng; and community members Jerry Kaluhiwa, Clifford Loo, Isaac Manalo, Ahi Logan, John Colburn, Pua Colburn, Dr. Verlie Ann Malina-Wright, Jim Keenan, Michael Rivera, and Julia Davis.

Contractors present included Dwayne French of Zapata, Inc., Sonia Garcia and Clayton Kaplan of Environet, and Clayton Sugimoto of Wil Chee-Planning, Inc. (WCP).

RAB members absent were Heidimarie Chung, Chris Lopes, Karen Maeda, Laurie Noda, and Alyssis Okata.

David Henkin stated that Alyssis Okata has resigned from the Board and therefore leaves 17 community RAB members.

The agenda of the meeting was:

- I. Welcome and Introductions
- II. RAB Charter
- III. Review/Approval of May Meeting Minutes
- IV. Project Update – Remedial Investigation/Feasibility Study (RI/FS), Dwayne French of Zapata, Inc.
- V. Project Update – Removal Action-Construction, Sonia Garcia of Environet, Inc.
- VI. The 3Rs of Unexploded Ordnance Safety
- VII. Site Visit Feedback
- VIII. Next Meeting
- IX. RAB and Community Member Open Discussion
- X. Adjournment

<b>Name</b>	<b>Action Items from 27 July 2011</b>	<b>Suspense Date</b>	<b>Completed</b>
MAJ Hannan	Bring the Final RAB Charter for all RAB members to sign.	28 Sept 11	
MAJ Hannan	Have June and July meeting minutes available for approval at next RAB meeting and provide a copy to RAB members a couple weeks prior to the meeting so that they can review the minutes.	12 Sept 11	
MAJ Hannan and Clayton Sugimoto	First slide on powerpoint presentation needs to acknowledge that project is in the windward district.	28 Sept 11	
MAJ Hannan	Check on how deep the magnetometers can read.	12 Sept 11	
MAJ Hannan	Contact and schedule a date and time when everyone is available for a follow-up site visit.	ASAP	
MAJ Hannan	Email out the photos from the site visit.	ASAP	4 Aug 11
MAJ Hannan	Email a group photo from the site visit to Kyle Kajihiro for Mr. Kamaka.	See previous task	4 Aug 11
MAJ Hannan	Submit request for use of Waiahole Elementary School Cafeteria for the next RAB meeting.	15 Aug 11	

- I. Welcome and Introductions
- II. RAB Charter
  - Adopted unanimously by RAB members
- III. Review/Approval of May Meeting Minutes
  - Amended May meeting minutes approved unanimously by RAB members
- IV. Project Update – Remedial Investigation (RI) / Feasibility Study (FS) by Dwayne French of Zapata, Inc. RI will characterize the nature and extent of unexploded ordnance (UXO), munitions debris, non-munitions debris, and munitions constituents.
  - A. Conceptual Transect Layout
  - B. Proposed RI Fieldwork
    - a. Mag and Dig Operations
      - i. Transects and grids
    - b. Brush Clearing
    - c. MEC Disposal
    - d. Environmental and Sampling Analysis
  - C. RI Fieldwork Progress
    - a. Southeastern Region MRS Transects: 2.63 acres of 3.99 acres or 66 percent completed

- b. Southern Impact Region MRS Transects: 0.58 acres of 1.52 acres or 38 percent complete
  - c. Expansion Area Stream Transects: 0 acres of 2.43 acres or 0 percent complete
  - d. Southeastern / Southern Impact Regions MRS Grids: 0 acres of 0.8 acres or 0 percent complete
  - e. Environmental Sampling: 0 percent complete
- D. RI Fieldwork Tentative Schedule
- a. Continue Mag- and Dig Operations (transects and grids) and should be completed by 19 August 2011
  - b. Environmental Sampling will start in August 2011 and continue through early September 2011
  - c. RI/FS Fieldwork should be completed by mid September 2011

Byron Ho: What are you looking for during environmental sampling? Dwayne French response: Certain metals previously approved by the Corps and munitions constituents.

Dr. Verlie Ann Malina-Wright: First slide needs to be corrected. This is the Windward District and not Honolulu District. There needs to be acknowledgement that the project is located in the Windward District.

Response: The first slide was put in by Wil Chee – Planning, Inc. as an opening slide to the meeting and not Zapata's presentation. Honolulu District shown on the slide is in reference to the Corps of Engineers district location and not the project location.

Paul Zweng: Are the samples taken limited to soil samples and not water samples? Dwayne French response: Soil and sediment sampling will be taking place. Based on the results of the sediment sampling, water sampling may need to be taken.

Walea Constantinau: After the completion of the sampling, what are the next steps? Dwayne French response: A Final RI report and FS will be completed after the sampling. The FS addresses courses of action that can be taken (i.e., different options).

Walea Constantinau: Are there time frames associated with the different reports? MAJ Hannan response: Yes, I believe the RI report is due 30 to 45 days after completion of the fieldwork.

Dr. Verlie Ann Malina-Wright: Are there any readings being done on ground penetration to determine if there is any disturbance below the surface? Dwayne French response: No. The detectors being used only determine if there are metal objects below the surface.

David Henkin: Were any objects found in the areas that were surveyed? Dwayne French response: Items found were practice rounds (i.e., 60mm mortar and practice land mine). Otherwise there were only fragments, and non-munitions debris.

David Henkin: Was ordnance disposal required in any of the finds? Dwayne French response: No.

Dr. Verlie Ann Malina-Wright: Doesn't mean that it is not there. It just means you haven't discovered it. Dwayne French response: Yes.

David Henkin: Are there any areas where fragments are concentrated? Dwayne French response: Yes. These are the areas where the grids will be put in to determine if more is there. Grids will also be put in where munitions debris was not identified just to confirm that nothing is there.

Dr. Verlie Ann Malina-Wright: During your surveys, have you discovered water systems used for the taro? Dwayne French response: The on-site archaeologist has discovered a couple.

Dr. Verlie Ann Malina-Wright: Are they designated as historical sites? Dwayne French response: We do not make that determination. GPS data, pictures, and diagrams are taken and sent to the Corps.

Dr. Verlie Ann Malina-Wright: If the water features are designated historical sites, then there is certain protocol that must be followed. So you just document any information on the water features? Dwayne French response: Yes.

Poola Villarimo: Can you tell if the munitions are recent munitions? Dwayne French response: Everything found to date has been pretty old.

V. Project Update – Munitions and Explosives of Concern Removal Action by Sonia Garcia of Environet

A. Project Location – Removal Areas are concentrated in two areas

B. Operations-Simplified Munitions and Explosives of Concern Removal Process

- a. Site Survey
- b. Investigation/Excavation
- c. Disposal
- d. Quality Control

C. Munitions Found to Date

- A total of 31 items have been found (12-2.36-inch HEAT Rocket/Fuze, 7-81mm HE Mortar, 2-75mm HE Projectile, 2-60 mm HE Mortar, 1-Hand Grenade, HE, 1-3.5-inch HEAT rocket, 2-TNT block, 1-50mm HE knee mortar, and 3-37mm HE Projectile M63)
- These objects are very difficult to see. They can look like tree roots or rocks.

D. Waikane Challenges

- Public Use-Trails, Off-road Vehicles, Dumping
- Terrain-Steep, Vegetated Slopes
- Safety-Terrain, Heat, Explosives

E. Progress Update

- a. Surveying: 100% Complete
- b. UXO Clearance: 100% Complete with sweeping; still digging identified anomalies from sweeping operations
- c. Anticipated Completion Timeframes:

- a. Final Digs and Fieldwork Closeout: Early August 2011
- b. Submittal of Final Report: Mid-September 2011

Paul Zweng: What is the average depth of the munitions that have been found? Sonia Garcia response: The average depth is approximately 4-5 inches.

David Henkin: Thirty-one items have been found. Is this more than you expected or less than you expected? Sonia Garcia response: There is no real expectation on how many items were to be found.

David Henkin: How deep was the deepest munition found? Sonia Garcia response: The deepest depth munition was found was 13-14 inches.

David Henkin: Was there any evidence of migration of UXO? Sonia Garcia response: There was no indication of any movement of UXO, but we would not be able to tell if it did move.

Kyle Kajihiro: Only practice rounds were observed in the northern removal area during the last site visit. Were any UXO discovered in this area? Sonia Garcia response: I believe one UXO was discovered in the northern removal area and the remaining 30 were discovered in the southern removal area.

Paul Zweng: How deep can your magnetometers read? Sonia Garcia response: I believe the magnetometer can read to a depth of 3 ft.

Kyle Kajihiro: Where were the UXO discovered in relation to the lo'i walls? Sonia Garcia response: There have been no issues with the archaeological monitor regarding UXO removal in the site. No archaeological sites have been impacted.

Kyle Kajihiro: Would it be safe for people to work (e.g., removing trees or restoration work) in the lo'i? What level of activity would be safe to work in these areas? Sonia Garcia response: With the current technology that we have, we are able to clear down to a depth of two or three feet and it is safe to the standards of the current equipment.

Kyle Kajihiro: It would be safe for us to go walking in that area. Sonia Garcia response: Yes, but there are still concerns in digging or removing tree roots depending on how deep you go.

David Henkin: How much metallic debris was removed from the area? Sonia Garcia response: Scrap metal (not munitions debris) up until last week was approximately 24,000 pounds. To help understand the amount of munitions found, we have six 55-gallon drums to place the munitions debris and the drums are not full.

#### VI. The 3Rs of Unexploded Ordnance Safety

- MAJ Hannan stressed that the community should know about the safety and 3Rs of Unexploded Ordnance Safety (recognize, retreat, and report).
- Many unauthorized people are entering the valley which poses a challenge to the fieldwork. Work has been stopped until these people have been escorted off the property. People who come into the valley are probably unaware of the dangers and the Major asked everyone on the RAB to carry the message about the 3Rs.
- Signs are posted and the gate is secured.

- Access routes on the City parcel have been blocked with concrete barriers, but there are trails everywhere to gain access into the site.
- Best way to communicate the danger in Waikane Valley is by word of mouth.

#### VII. Site Visit Feedback

- A sign-up sheet went around for members interested in a follow-up site visit. MAJ Hannan will determine if it is possible to conduct and contact and schedule a date and time.
- Comments received from the previous site visit:
  - Contractors performed informative demonstrations.
  - Appreciation and understanding of the environment and process.
  - Overall great experience.
  - MAJ Hannan will email out photos of the site visit

#### VIII. Next RAB Meeting

Wednesday, 28 September 2011, 7 p.m., Waiahole Elementary School Cafeteria

#### IX. RAB and Community Member Open Discussion

- Dr. Verlie Ann Malina-Wright is interested in teaching the youth and adults on how to restore their land back to its original use. She would like to create educational curricula materials for children to teach them the safety requirements and how to be responsible for the land. She would also like to restore ancestral knowledge.
- MAJ Hannan spoke of the educational safety program and institutional controls which has been conducted at all schools in the area and community meetings.
- Website has been updated with regulations, maps, fact sheets, etc.

#### X. Adjournment

There being no further business, MAJ Hannan adjourned the meeting at 8:07 p.m.