

**WAIKOLOA MANUEVER AREA
RESTORATION ADVISORY BOARD (RAB) MEETING
WEDNESDAY, OCTOBER 29, 2003
WAIKOLOA ELEMENTARY SCHOOL
WAIKOLOA, HAWAII**

1. Charles Streck, Jr. called the meeting to order at 7:15 p.m. and welcomed everyone.
2. Those in attendance included Restoration Advisory Board (RAB) Government Co-Chair Charles Streck, Jr., U.S. Army Corps of Engineers, Honolulu Engineer District (USACE-HED). Robert Nore, U.S. Army Corps of Engineers, Huntsville Ordnance Center of Expertise.

RAB Board members present included: Doug Carr and Guido Giacometti.

Consultants present included:

- Roger Van Huss and Mary Mora of American Technologies, Inc.
- Doug Ralston and David Synakorn of USA Environmental, Inc.
- Eric Brundage and Johnie Wells of Donaldson Enterprise, Inc.
- Clayton Sugimoto and Ty Hiraki of Wil Chee-Planning, Inc.

Other government interests included LTC Fred Clarke, Pohakuloa Training Area.

Interested community members present included James L. Gilbertson, Cynthia Supret, John & Eadie Schick, Pam Bryan, Bill Brilhante, Jim Dupont, and Tom Yamamoto.

3. Chuck Streck reported that a projector was not available for this meeting. Therefore, presentations will be given with handouts and powerpoint presentations will be emailed to those who list their email address on the sign-in sheet.

There is an Administrative Record of all the records for this project at the Thelma Parker Library in Waimea. It includes the first draft of the Proposed Plan to do the first formal clearance of ordnance which begins in January. A second copy of the Work Plan is held by John Schick.

The USACE has been very active in the construction support program. There has been safety training and monitoring to ensure that the people working on the project are not needlessly exposed to life threatening situations. The construction support program includes the following areas:

- Lalamilo

- Waimea. USACE has been aiding and supporting the people at Waimea Elementary School in clearing the area and finding 4 more hand grenades.
- Area below Paniolo Greens. Castle and Cooke is planning to develop the area for residential housing.
- P.E.R. An area of 80 acres being developed.

Contractors were invited today to give details on formal ordnance clearance. The contract was awarded approximately one year ago for 10 million dollars to start formal clearance on 340 acres. The primary emphasis will be on open areas within the village. The second priority for clearance will be the area surrounding Waikoloa Elementary School, including behind the Baptist Church, areas at the end of Hulu Street and other areas around the school. The project will include surface and subsurface clearance of ordnance.

Evacuation of nearby community members will be necessary if ordnance is found. An evacuation plan will be developed within the next two months. Provisions will be made for a worse case scenario.

Waimea land of approximately 340 acres will be cleared also. This is the area located primarily around the Parker Ranch headquarters, around Waimea Elementary School, and around the Hawaiian Homelands development area in Lalamilo.

The two 340 acres clearance areas in Waimea and Waikoloa are for the first year task order. Community participation is wanted to help prioritize the next locations to clean up after the first year. The DERP-FUDS program has an allocation of 10 million dollars a year for a total of five years for ordnance removal. This does not include the construction support program. More funds are being sought after to clean all residential areas in Waimea and Waikoloa.

There is another contract for a Phase III Engineering Evaluation/Cost Analysis (EE/CA). There were indications from local residents and officials about the existence of ordnance in the following areas:

- Between Queen Kaahumanu Highway and the ocean outside of the residential areas
- Offshore areas
- Mount Kohala side of Kawaihae Road
- Area west of Waimea around the Hawaiian Homestead

These areas will be evaluated and determined if the project boundary should be amended in order to reflect the real areas that may be of potential hazard. Modern landmarks was used in the past to determine boundaries. The Phase III EE/CA will locate the real boundaries past the landmarks.

4. Robert Nore speaking
U.S. Army Corps of Engineers, Huntsville Ordnance Center of Expertise

The EE/CA and first task order on removal contract was awarded in March 2003. The contractors has been collecting data, visiting project sites and writing work plans. Two contractors are:

- Doug Ralston of USA Environmental, Inc., the project manager for performing the EE/CA.
- Roger Van Huss of American Technologies, Inc., the project manager to conduct the removal action.

5. Roger Van Huss speaking
Project Manager from American Technologies, Inc.

His presentation will provide details of what his company is planning for the initial task order.

An American Technologies office will be set up in Waimea on the 17th of November. The public is welcome to come and ask questions on the project. The address is:

- (Package deliveries)
65-1188 Mamalahoa Hwy. Suite 4
Kamuela, HI 96743
- (Regular mail)
P.O. Box 9673
Kamuela, HI 96743

The project commences on December 1st. Surveying starts on December 15. Surface clearance starts on January 12. There will be 6 major functions on the work plan and they are:

- 1) Location surveying mapping
- 2) Surface clearance
- 3) Geophysical survey
- 4) Collective data
- 5) Subsurface clearance
- 6) Demolition operation

Surveying will consist of a 1000 meter grid over the entire Waikoloa maneuver area. As task orders come in, there will be 5,500 meter grids in the area.

Surface clearance will be conducted by lining up workers and walking through the 5,500 meter grids while looking for ordnance. At the same time, the surface is prepared for the geophysical survey by picking up trash or

anything that is obtrusive. Proper safety precautions are taken by these professionally trained workers.

Geophysical surveying will begin after the surface clearance is complete. The primary piece of equipment is the MU5, which has a dual sensor and a cage around it. Its discriminating capability is very good. A geophysical prove out (test) was conducted a month ago and the MU5 detected 100% of the anomalies buried.

(Chuck Streck speaking) Pete Hoffman suggested having a demonstration of the equipment on a test grid. There will be two demonstrations, one in Waikoloa and one in Waimea. The date of the demonstrations will be announced through the local newspapers, radio broadcast, and schools.

(Robert Nore speaking) In August 2003, the government set up a test plot across the Highway in Waikoloa and another plot in Waimea Village. Different inert ordnance items were buried in different configurations and depths to test the equipment of the contractors. The equipment was tested in September 2003 and the results are being analyzed and they both seem very capable equipment.

(Roger Van Huss speaking) Once the data is collected, the geophysical team is sent into the site, acquire the anomalies, and place a flag in the ground. The subsurface team will come to the site and dig up the items that have been flagged and use an open front barricade (OFB). The OFB is placed around the found ordnance which reduces the fragment range of the ordnance in the event there is an accidental detonation. Once a live piece of ordnance is identified, a demolition team is notified and brought in to take care of it. The live piece of ordnance is taken control of until it is disposed.

All disposal procedures use sand bagging technique to reduce the amount of fragment distance. If it is determined that it is an acceptable risk to move the ordnance to another area than they will do so. If it is not an acceptable risk, the ordnance will be blown in place. In some cases, it may be necessary to evacuate people.

6. Doug Ralston speaking
USA Environmental, Inc., project manager for performing the EE/CA.

USA Environmental:

- Doug Ralston, Project Manager
(813) 884-5722 extension 104
dralston@usatampa.com

- David Synakorn, Project Engineer
(813) 884-5722 extension 119
dsynakorn@usatampa.com

There are three reasons why the Phase III EE/CA is necessary. Those reasons are:

- Phase II EE/CA indicated the OE extended beyond the boundaries
- Inability to get Rights of Entry during Phase II
- Uncertainty of historical boundaries of the site

Phase III areas (shown on display board) of investigation by USA Environmental are:

- Sector 15 – 264 acres of transects
- Sector 16 – 150 acres of transects
- Sector 17 – 250 acres of transects

The first part of the EE/CA will consist of a ground reconnaissance. Workers will walk the ground covering a 50-foot path to look for ordnance items on the surface. Magnetometers will be utilized to discern if there are fragments in the ground. If there are any OE items found we will bring in Digital geophysics to perform an intrusive investigation.

Extreme safety precautions are used to ensure the safety of all workers and citizens. USA Environmental Inc., in five years, has a million man-hours without a loss time accident.

EE/CA field operations are very similar to what Roger Van Huss from ATI is planning for removal actions. Field operations are:

- Ground reconnaissance
- Digital geophysical survey
 - Geophysical Prove-out
 - Grids
 - Transects
- Intrusive investigation of subsurface anomalies
 - Disposal of OE/UXO items
 - Disposal of OE related scrap items (Disposal work will be done by Donaldson Enterprises, Inc.)

Field Schedule:

| <u>Tasks</u> | <u>Days</u> |
|--------------|-------------|
|--------------|-------------|

- Reacquisition 17
- Intrusive Investigation 17
- Total Days: 76

Work will start in January or February 2004 and will be conclude by March 2004.

The instrument assisted ground recon will:

- Look for evidence of OE; (fragments, craters, actual items)
- Document findings or data;
- Equipment to be used, GPS, PDA and White XLT Magnetometer, and
- Evaluate the data collected.

Digital Geophysical Survey consist of:

- GPO selected technology (EM61 MK II)
- Regular grids or transects sectors
- Selected anomalies will be intrusively investigated

7. Chuck Streck speaking

There will be a publicly accessible website for the clearance actions. It will be accessible first by the RAB then by the community members by January 1, 2004. The website will contain all the project data as well as a weekly update of the work that is progressing in the field.

The USACE delivered institutional support materials to Waikoloa Elementary, Waimea Elementary and Waimea Middle School. The materials included:

- Safety videos
- Refrigerator magnets
- Bookmarks
- Book covers
- Activity books

They all stress the three **Rs**. If a child comes across ordnance in the field, you would:

1. **Recognize** it
2. **Run** away from it
3. **Report** it to a responsible parent or call 911

8. Question (Q) and *Answers* (A):

Q: If you find a 155 mm. round at 2:00pm and place a guard near it, at what time do you start evacuating people?

A: *Robert Nore: Once a 155 mm. is found, the disposal team is notified and sand bags are placed around the item. At that point, a discussion with safety officials will be conducted to determine the time to evacuate if necessary. An evacuation plan will be developed soon for more details.*

Q: What is in place to recuperate damages to property if it occurs from demolition of ordnance?

A: *Chuck Streck: There is a formal process which has been established for these projects. With any formal evacuation, part of the notification process involves the real estate people in conjunction with the local police. Since this is an action done under federal auspices in partnership with the community, anything coming out of a disposal is government liability. The cost of damages will be negotiated between the landowners and the government.*

Q: Is there a shortcut to filing a claim for recuperating the cost of damages?

A: *Chuck Streck: The process through the DERP-FUDS actions is very quick. The real estate person will be here to get the process going. The only time it is not quick is if there is extreme disagreement between the claimant and the government.*

Q: There is ordnance at the north end of Hapuna Beach which is underwater. Did you say that it is not within our boundary? Will you clean up the ordnance that is underwater in 30 to 60 feet depth?

A: *Chuck Streck: It will be evaluated by the Navy Dive Team. They are more than willing to do it for us as part of the EE/CA process. The USACE had a problem with performing underwater work because of liability. The Navy will investigate the Hapuna area up to the Kawaihae area. Chuck will keep everyone apprised of when the Navy will work on that.*

Q: Are you (Chuck Streck) consulting with anyone from the Big Island about historical knowledge?

A: *Chuck Streck: Yes, we have been doing that for a number of years. We spoke to the Veteran groups and some old veterans that contacted us. I had a contractor review military archives in 14 different locations around the country and found only 1 map. There aren't many historical records from the 1940s that can help this project. That is why we rely on people who lived here or who has relatives that have lived in the area.*

Q: How much time does the RAB have to review the Work Plan?

A: *Chuck Streck: 30 days for questions and comments.*

Q: After reviewing the Work Plan, where do questions and comments go?

A: *Chuck Streck: Some of the People that will accept the questions are:*

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- *Doug Carr*
- *Pete Hoffman from the Village Association.*
- *Brandi Beaudet from Parker Ranch*
- *Cathy Fukui of Waimea Police Department*
- *Waikoloa Fire Department*
- *Chuck Streck of USACE*

9. There being no further business, Chuck Streck adjourned the meeting at 8:30 p.m.