

These minutes were approved as written December 17, 2010

# Utah National Guard

## Restoration Advisory Board

### Meeting Minutes

Nov. 10, 2010

<b>Members Present:</b>	<b>Organization:</b>	<b>Telephone:</b>	<b>E-Mail:</b>
Dave Bennett	Utah County	801-851-4132	dbennett@campwilliamsrab.org
Kim Harriz	Headquarters, Army National Guard	703-607-7991	kim.harriz@us.army.mil
Steve Mumford	Eagle Mountain City	801-789-6603	smumford@campwilliamsrab.org
Jim McNulty	City of Saratoga Springs	801-766-9793	jmcnulty@campwilliamsrab.org
Rik Ombach	Utah Department of Environmental Quality	801-536-4164	rombach@campwilliamsrab.org
Robert Price	Utah National Guard	801-432-4454	rprice@campwilliamsrab.org
Sandra Steele	Saratoga Springs Community	801-653-2434	ssteele@campwilliamsrab.org
John Waldrip	Utah Department of Environmental Quality	801-536-0238	jwaldrip@campwilliamsrab.org
Will Weaver	Lehi Community	801-520-8760	wweaver@campwilliamsrab.org
<b>Facilitator:</b>	<b>Organization:</b>	<b>Telephone:</b>	<b>E-Mail:</b>
Michele Straube	CommUnity Resolution Inc.	801-583-6362	mstraube@campwilliamsrab.org
<b>Members Absent:</b>	<b>Organization:</b>	<b>Telephone:</b>	<b>E-Mail:</b>
Richard Brown	Hi-Country 2 Community	801-446-9132	rbrown@campwilliamsrab.org
Boyd Dansie	Unincorporated Salt Lake County	801-254-0428	bdansie@campwilliamsrab.org
Rod Flannigan	Bluffdale City	801-755-2559	rflannigan@campwilliamsrab.org
Lynn Jorgenson	Lehi City	801-768-7100	ljorgenson@campwilliamsrab.org
Patrick Osmond	Herriman Community	801-716-9082	posmond@campwilliamsrab.org
John Roberts	Bluffdale Community	801-254-2200	jroberts@campwilliamsrab.org
Gaylord Scott	Salt Lake County	801-824-3704	gscott@campwilliamsrab.org
Heather Upshaw	Herriman City	801-446-5323	hupshaw@campwilliamsrab.org
Tom Williams	Hi-Country Estates 2 HOA	801-253-1024	twilliams@campwilliamsrab.org
<b>Other Attendees:</b>	<b>Organization:</b>	<b>Telephone:</b>	<b>E-Mail:</b>
Jeff Fitzmayer	Parsons	801-572-5999	jeffrey.fitzmayer@parsons.com
David Harris	Concordia Communications	801-825-3570	dharris@campwilliamsrab.org
LTC Hank McIntire	Utah National Guard, PAO	801-432-4407	hank.mcintire@us.army.mil
Dave Millheim	Wasatch South Hills Dev.	801-735-9022	dmillheim@comcast.net
Bobby Peavley	Wasatch South Hills Dev.	801-414-6212	bobbypeavley@yahoo.com
Amy Phelan	Parsons	801-572-5999	amy.phelan@parsons.com
Melissa Porter	Concordia Communications	801-825-3570	mporter@campwilliamsrab.org
Ed Staes	Parsons	801-572-5999	ed.staes@parsons.com

## **Handouts Distributed at Meeting:**

Handouts:

*Updated RAB contact list*

*Site map*

### **Agenda Item #1. Welcome**

Restoration Advisory Board (RAB) community co-chair, Will Weaver, opened the meeting, thanked everyone for their attendance, welcomed all RAB members, and introduced LTC Hank McIntire from the Utah National Guard. He then turned the meeting over to Michele Straube, the RAB facilitator. Meeting agenda is attached (**Attachment 1**).

### **Agenda Item #2. RAB Business**

Ms. Straube briefly went through the packet distributed at the meeting.

#### **Action Items**

Ms. Straube noted that the current action item list was included in the packet (**Attachment 2**). She said all but one of the action items is complete. She said that the open action item should be completed soon, as Mr. Price is awaiting signatures before making the Installation Action Plan available to the RAB.

#### **Meeting Minutes**

The August 18, 2010 meeting minutes were approved as written.

#### **Training**

Ms. Straube mentioned that RAB members had the opportunity to participate in a field work observation and Ms. Sandra Steele was the only RAB member who attended. Ms. Steele said that she enjoyed the field work observation and is not concerned about the munitions response site. However, she was concerned about the illegal dumping and illegal use of firearms on the Bureau of Land Management (BLM)-owned property. Ms. Steele said that she has contacted the Saratoga Springs City Council and is trying to work with them to rectify the situation. Ms. Straube explained the artillery demonstration has been postponed until spring and more information will be given at a later date.

#### **RAB Member Attendance**

Ms. Straube explained that the Construction Materials Company (CMC) mining operation located near the Wood Hollow Training Area has been invited to be on the RAB and declined participation. She explained Utah National Guard (UTNG) has been in regular contact with CMC and has been providing construction support. Ms. Straube said that Wasatch Wing and Clay, a property owner located near the Southwest Area, has also declined participation on the RAB but asked to be kept on the mailing list.

Ms. Straube explained that Mr. John Roberts, the Bluffdale community RAB representative, has not attended any of the RAB meetings this year. Mr. Weaver has attempted to contact Mr. Roberts but has not been successful. She asked the RAB how they would like to handle the attendance issue. Ms. Steele said that Mr. Roberts should be notified of the next meeting by mail and told that if he doesn't attend he may be removed from the RAB. Ms. Straube asked the RAB if this was acceptable to them. RAB members agreed.

Ms. Steele expressed concern at the lack of attendance at the RAB meeting. She requested that Mr. Weaver send a letter to those RAB members who were absent. She asked that RAB members be reminded they have been selected to represent their city or community. Ms. Melissa Porter will follow up with those RAB members who were not present at the meeting and determine if a different meeting day or time may be more convenient for RAB members. Mr. Price also recommended that updates be given to city councils.

### **Agenda Item #3 Project Update**

Mr. Price explained that he would provide RAB members a brief update on each of the Munitions Response Sites (MRS). He began with the Southeast Simulated Attack Area, which is located along the Jordan River near the city of Lehi. The Remedial Investigation field work was completed in June and only limited munitions debris consisting exclusively of expended blank small arms ammunition was found at this site. The next step will be to evaluate the data collected during the field work and complete a Remedial Investigation report, which should be completed in January 2011. The UTNG will likely be recommending no further action at this site, since a significant release has not been identified.

Slide 4 (**Attachment 3**) shows a map of the Southeast Simulated Attack Area, the area that was investigated, and the munitions debris that was found at the site. Mr. Dave Bennett asked if the bank across the river was included in the investigation. Mr. Price pointed out the map on slide 4 (**Attachment 3**) and indicated that the area across the river was also included in the investigation.

Mr. Price explained he would be talking about the Rose Canyon Training Area and the Artillery Impact Area Buffer Zone together because their boundaries are contiguous and the presumable activities that took place at the sites are related. The field work for these sites is 99 percent complete and they recently obtained right of entry to an additional parcel of land. Once that parcel is investigated, the field work will be complete at these sites. About 5,200 of the 5,500 acres of land included in the Remedial Investigation were surveyed during the field work.

Mr. Price explained there was a temporary evacuation of about 25 homes in the Hi-Country Estates II, Area D subdivision in October. During the temporary evacuation about 90 anomalies were excavated to determine if any of the anomalies were munitions and explosives of concern (MEC). Mr. Price explained that the excavations completed during the temporary evacuations did not reveal any MEC items, but eight of the anomalies were munitions debris. All of the munitions debris was identified to be fragments from an 8-inch artillery round. Additional munitions debris was found near the southern boundary of the Artillery Impact Area Buffer Zone.

Mr. Price pointed out slide 6 (**Attachment 3**), which shows a map summarizing the field work at the Rose Canyon Training Area and the Artillery Impact Area Buffer Zone. He pointed out the area where MEC items have been found previously and said the UTNG has a good idea of the potential area where further investigation may take place in the future. They did not find evidence to suggest that these areas (with the exception of the potential response area located near the southern boundary of the Artillery Impact Area Buffer Zone) were used for military training. There may be additional MEC items located in the subsurface near the potential response area and they will most likely conduct a surface clearance for that area in the future.

Mr. Price explained that the Southwest Area MRS is located near the southern boundary of Camp Williams and was brought into the program after the discovery of an After Action Report (AAR) from a 1991 surface munitions clearance operation. The AAR stated that during one of the phases of the project, MEC and munitions debris was discovered during the sweep of several parcels that were being transferred from Department of Army ownership; however, the specific parcels where MEC and munitions debris was found were not specified in the AAR. The

Southwest Area MRS was one of the parcels included in the operation; therefore, due to the ambiguity in the ARR, the parcel comprising the Southwest Area MRS was added to the Camp Williams Military Munitions Response Program (MMRP). The Remedial Investigation field work for this site was completed in September and 32 munitions debris items were found during the field work that were most likely present from an artillery incident that occurred 10 years ago. During this incident, munitions debris went outside of the Camp Williams boundary, most likely from the firing range that is located north of the Southwest Area MRS.

Mr. Price said that no MEC was discovered at this site and the next step for this site will be to evaluate the data collected during the field work and complete a Remedial Investigation report by January 2011. Because MEC has not been found, the UTNG will likely recommend no further action at this site. He pointed out a map on slide 8 (**Attachment 3**), which shows the field work completed at this site and the rifle range that is located to the north of the site and the munitions debris that was discovered during the field work.

Mr. Price explained that the Southeast Area MRS is still being actively investigated and field work should be complete by the end of November. Because of electrical interference caused by a utility corridor that runs through the site the work plan was modified to allow workers to use a different investigative method at the site.

Mr. Price pointed out slide 10 (**Attachment 3**) which shows the three probable firing points and the utility corridor interference area. Field work at the site was pending approval of the Work Plan. Mr. Price pointed out slide 10 (**Attachment 3**) and explained that the potential burial pit is located between the two other probable firing points. Mr. John Waldrip asked what the criteria are for identifying a potential firing point. Mr. Price explained that they look for military debris that is indicative of training activities, disturbed vegetation, and disturbed ground topography.

Mr. Price explained that Mr. Fitzmayer will be giving a more in-depth presentation on the Wood Hollow Training Area. Since the last meeting five French 75mm artillery rounds have been found and of those, one round was high-explosive and was detonated in place. Field work is continuing and the boundaries of the response area have been expanded due to surface finds at the site. The Utah Department of Transportation (UDOT) is working near the Wood Hollow Training Area on a future road known as the Mountain View Corridor. The Mountain View Corridor is not within the response boundary. Mr. Price said that CMC has been excavating a new access road and the UTNG has been providing construction support for that project. The next steps for the MMRP are outlined on slide 12 (**Attachment 3**).

#### **Agenda Item #4 September Wild Fire Update**

LTC Hank McIntire explained that he would provide a timeline of the wild fire that occurred near Herriman on September 19, 2010. The fire began on the M-31 machine gun range at about 12:30 p.m. on September 19, 2010. Fire crews were on site to respond immediately to the fire and had it contained, but high winds re-ignited the fire and it quickly moved north through the impact area. The fire could not be fought while it burned in the impact area because the abundance of unexploded ordnance. The fire could cause these rounds to explode, posing an unacceptable danger to air or ground crews fighting the fire.

LTC McIntire explained that when the UTNG saw the fire was beyond their capabilities they notified authorities that additional assistance was needed. Current agreements forbid outside agencies, such as Unified Fire, from entering Camp Williams. The fire crossed the Camp Williams installation boundary at about 5:00 p.m. Fire crews were stationed near the boundary but were limited in their ability to respond to the fire because they are equipped to fight structural fires, not wild fires.

LTC McIntire pointed out the fire timeline on slide 3 (**Attachment 4**). Natural fire breaks and manmade fire breaks are present at Camp Williams. Camp Williams uses herds of goats to eat vegetation near the installation boundary, creating natural fire breaks. LTC McIntire explained that the Department of Natural Resources believes the natural fire breaks created by the goats helped save Rose Canyon by preventing the fire from moving to the northwest. Slides 5 and 6 (**Attachment 4**) show pictures of the fire.

LTC McIntire said that about 4,300 acres of land were burned by the fire and about 60 percent of the fire was located on Camp Williams and 40 percent was located off of the installation. Slide 8 (**Attachment 4**) outlines the different assets that were dedicated to the firefighting efforts.

Ms. Steele asked if the UTNG was not aware of the red flag warnings that indicate a high fire hazard. LTC McIntire explained that the UTNG did have that information but there was a communication error and the information didn't get to the decision makers. He said there are still ongoing investigations as to what happened, but in the future the UTNG will check for red flag warnings four times a day, will check weather information multiple times during the day, and will empower everyone involved in the training exercise to make decisions about training conditions.

Mr. Mumford asked how the UTNG handles a fire when it reaches the Camp Williams boundary. LTC McIntire explained that the UTNG is revising its protocol and will address the issue of civilian fire fighters not being able to access Camp Williams land. He said that there is good communication between Camp Williams and the authorities.

Mr. Price pointed out slide 14 (**Attachment 4**), which shows photos of the aerial reseeding operations, which have been managed by Herriman City. The fire halted MMRP activities because access to the public was cut off to eliminate the danger of hazards from unexploded ordnance (UXO). Once field work began again the work was coordinated with reseeding operations and with other agencies to ensure there was no conflict.

Mr. Price pointed out slide 15 (**Attachment 4**), which shows the area burned by the fire and the UXO found during the response to the fire. The majority of items being intrusively investigated were located in and around the areas where munitions were found during response to the fire. Explosive Ordnance Disposal (EOD) teams responded to the UXO found on and off the Camp Williams installation. Additional items were discovered on the Camp Williams installation and either exploded during the fire, or were treated by EOD teams. Mr. Price explained that the UTNG was considering conducting a Time Critical Removal Action in the spring of 2011, crews to sweep the burned areas for MEC items.

Mr. Price pointed out slide 16 (**Attachment 4**), which shows the rounds discovered during response to the fire. The dense, thick vegetation in this area can make it hard to see UXO. Slide 17 (**Attachment 4**) shows the home and property where an illumination round was found during fire response efforts. Mr. Price reminded the RAB about the 3Rs (recognize, retreat, and report) if they encounter munitions. Mr. Dave Millheim asked if there is documented evidence of UXO exploding during the fire. Mr. Price explained that there were items that detonated during the fire and that those items were located in the current Camp Williams impact area.

## **Agenda Item #5 Break/Breakouts**

RAB members were able to break into small groups to ask questions about the September wild fire and its impact on the MMRP investigation.

### **Agenda Item # 6 Wood Hollow MRS Update**

Mr. Jeff Fitzmayer pointed out slide 3 (**Attachment 5**), which shows the Wood Hollow Training Area and the closest cities. The current MRS boundary came from the 2007 Site Inspection. Before the investigation began they knew two piles of 75mm artillery rounds had been found at the site. 75mm artillery rounds were used for training purposes between 1920 and 1940.

Mr. Fitzmayer explained that the topography at the site is very steep and contains dense patches of scrub oak. The south-facing ridge at the site was the most likely target area. CMC is conducting a mining operation near the Wood Hollow Training Area. There has been a significant disturbance of ground from their mining activities. Mr. Fitzmayer explained UDOT is also utilizing land near the site to build the Mountain View Corridor. Bedrock is close to the surface at this site. This would cause any MEC or UXO to be shallowly buried because it wouldn't have penetrated the bedrock.

Mr. Fitzmayer explained that they used digital geophysical instruments to conduct the field work for the Remedial Investigation and explained how they test the instruments to ensure they will work at the site. Three-man teams with analog metal detectors were also used to conduct qualitative reconnaissance surveys. Slide 8 (**Attachment 5**) shows the original field work proposal as well as the additional investigations, or step outs, that were performed. The investigation transects were 90 feet apart. Mr. Fitzmayer explained the red squares on slide 8 (**Attachment 5**) represent areas where they did 100 percent coverage of the area. The work plan initially included seven linear miles of digital geophysical mapping. Once the step outs were performed they completed about 30 linear miles of digital geophysical mapping.

Mr. Fitzmayer said a total of five MEC items were discovered during the investigation. All of the MEC items were shallowly buried and have been detonated and disposed. All of the MEC items were found in the grids where they had done 100 percent coverage. Mr. Millheim asked if there would be more concentrated searches performed in the larger transect areas. Mr. Fitzmayer explained that the grids allow them to get an idea of the density of munitions items and said there could be more items in between the investigation transects. The purpose of this investigation was to determine the nature and extent of contamination, which was accomplished by the scope of work completed.

Mr. Fitzmayer pointed out slide 10 (**Attachment 5**), which shows some of the cultural debris discovered at the site. Slide 11 (**Attachment 5**) shows artillery fragments and munitions debris found at the site.

Mr. Fitzmayer explained the next steps for the site. A Remedial Investigation report will be prepared in the spring of 2011 that will explain the investigation results and evaluate the risks of the site. A Feasibility Study will then be completed to evaluate remediation alternatives. Following the Feasibility Study, the site would then move into the Remedial Action phase where the site would be cleaned up.

Mr. Fitzmayer pointed out slide 14 (**Attachment 5**), which shows a map of the construction support that has been provided for CMC. Construction support for CMC was just completed for the first phase of the access road. Once CMC begins the second phase of the road construction, support will also be provided. Mr. Millheim explained that Herriman City withdrew the expansion permit from CMC so their long-term mining may not go as planned. He said that he recommends Mr. Price contact Herriman City to check the permit status on land near the Wood Hollow Training Area. Mr. Price said that CMC has been pulling back from aggressive mining and that may explain why.

### **Agenda Item #7 Public Comment Opportunity**

Ms. Straube asked if there were any additional questions or comments from the audience. Mr. Millheim explained that his company is planning to build 2,000 homes near the Camp Williams boundary and would like to work with Camp Williams to be a good neighbor.

### **Agenda Item #8 Adjourn**

Ms. Straube noted that the next meeting will be held February 2, 2011. The meeting was adjourned at 8:30 p.m.

### **Attachments:**

1. Meeting agenda
2. Action items
3. Presentation Slides – Project Update
4. Presentation Slides – September Wild Fire Update
5. Presentation Slides – Wood Hollow MRS Update