

These minutes were approved as written on July 19, 2010

Utah National Guard

Restoration Advisory Board

Meeting Minutes

May 12, 2010

Members	Organization:	Telephone:	E-Mail:
Present:			
Dave Bennett	Utah County	801-851-4132	dbennett@campwilliamsrab.org
Greg Brown	Hi-Country 2 - Alt.		
Mark Edwards	Saratoga Springs – Alt.	801-766-6504	medwards@saratogaspringscity.com
Rod Flanigan	Bluffdale City	801-755-2200	rflanigan@campwilliamsrab.org
Arnie Hunt	Lehi City - Alt.	801-768-7100	ahunt@campwilliamsrab.org
Steve Mumford	Eagle Mountain City	801-789-6603	smumford@campwilliamsrab.org
Heather Ohmie	Herriman City	801-446-5323	hohmie@campwilliamsrab.org
Rik Ombach	Utah Department of Environmental Quality	801-536-4164	rombach@campwilliamsrab.org
Patrick Osmond	Herriman Community	801-716-9082	posmond@campwilliamsrab.org
Robert Price	Utah National Guard	801-432-4454	rprice@campwilliamsrab.org
Gaylord Scott	Salt Lake County	801-824-3704	gscott@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
Facilitator:	Organization:	Telephone:	E-Mail:
Michele Straube	CommUnity Resolution Inc.	801-583-6362	mstraube@campwilliamsrab.org
Members	Organization:	Telephone:	E-Mail:
Absent:			
Marion Bingham	Wasatch Wing and Clay	801-592-1155	mbingham@campwilliamsrab.org
Boyd Dansie	Unincorporated Salt Lake County	801-254-0428	bdansie@campwilliamsrab.org
Lynn Jorgenson	Lehi City	801-768-7100	ljorgenson@campwilliamsrab.org
John Roberts	Bluffdale Community	801-254-2200	jroberts@campwilliamsrab.org
Other	Organization:	Telephone:	E-Mail:
Attendees:			
Jeff Fitzmayer	Parsons	801-572-5999	jeffrey.fitzmayer@parsons.com
David Harris	Concordia Communications	801-825-3570	dharris@campwilliamsrab.org

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 Community (RAB) co-chair, Will Weaver opened the meeting, thanked everyone for their attendance and welcomed all RAB members. Mr. Weaver had RAB members introduce themselves and 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.

Meeting Minutes

The minutes for the February 25, 2010 meeting were approved as written.

Action Items

Ms. Straube noted that the current action item list was included in the packet (**Attachment 2**). She said that all action items from the previous meeting had been addressed.

RAB Schedule

The 2010 RAB schedule was included in the packet (**Attachment 3**). Ms. Straube noted that it included tentative RAB meeting dates as well as a date for the upcoming site visit and equipment demonstration.

Mr. Rod Flannigan, Bluffdale City asked what Mr. Robert Price, of the Utah National Guard (UTNG), would be presenting to the Herriman city council at the May 20, 2010 council meeting. Mr Price indicated that he would be providing the city council with an update about the MMRP investigation and field work that is scheduled to begin at the sites located near Herriman. Mr. Flannigan invited Mr. Price to attend a future Bluffdale city council meeting to provide the same information.

Photographs

Ms. Straube reminded RAB members to email a photograph to Melissa Porter, the RAB coordinator, for use on the www.campwilliamsrab.org Web site. She noted that RAB members could also have their photograph taken during the break.

Training

Ms. Straube asked if RAB members had any suggestions of training topics. Mr. Patrick Osmond, Herriman Community, mentioned that the UTNG usually hosts a public demonstration of the artillery firing in June. He said that if RAB members were interested in seeing this he could arrange a date and time for the RAB to observe the artillery exercises. Mr. Osmond said that the third week in June may be the best time. Ms. Straube asked RAB members what time of day would be most convenient for them. RAB members said that late afternoon is the best

time. Mr. Osmond said that he will coordinate the date and time with Ms. Porter so she can disseminate the information to the RAB. [Post RAB meeting note: The public demonstration of artillery firing will not take place at Camp Williams until the fall. The RAB will be notified of a date and time for their observation in this later timeframe.]

Mr. Price mentioned that he has a training presentation he received from a conference that is called “UXO (unexploded ordnance) 101.” He said that once he locates the file he will post it on the RAB Web site. [Post RAB meeting note: The UXO 101 training presentation has been posted on the RAB website.]

Ms. Straube encouraged RAB members to send Ms. Porter an email if they think of any additional training ideas.

Budget Information

Mr. Price told RAB members that each installation involved in a cleanup program has an Installation Action Plan (IAP). He said that the IAP for Camp Williams was updated a month ago and there is no change in the schedule of the investigation. The updated IAP does show the planned funding for Remedial Action activities if they are necessary. He said that the exact amount of funding is not information that is released to the public, but that there is plenty of funding to complete the work and that the funding amounts were increased. Mr Price said that he will make the updated IAP available on the RAB Web site as soon as the public version is finalized. He asked RAB members to let him know if they would like more budgetary information.

Project Update

Mr. Price gave RAB members a brief update on what has happened in the three months since the last meeting. He explained that the UTNG needed an approved explosive safety plan because of the explosive hazard of munitions. The explosive safety plan outlines the safety procedures that will be followed during the investigation. Mr. Price said the UTNG just received approval for their explosive safety plan.

Mr Price said that the field work for the two sites involved in the Site Inspection phase just had field work completed. He said that Parsons, the contractor performing the investigation will report on the field work later in the meeting. Mr. Price explained that the four remaining sites that are involved in the Remedial Investigation phase will begin field work soon. He said that the work plan should be finalized by the regulatory agencies in the next two weeks. Mr. Price said that once the work plan is finalized, Parsons will begin the field work.

Mr. Price said there are more than 300 parcels of land to which the UTNG is trying to gain access for the Remedial Investigation. The owners of these parcels have been sent letters requesting access to their lands. He said that some land owners have been apprehensive to give access to their land because the terms of use in the right of entry agreements were too broad. Mr. Price said the UTNG revised the agreements and mailed them to land owners again. Mr. John Waldrip, UDEQ, asked how many rights of entry the UTNG has received. Mr. Jeff Fitzmayer, Parsons, said that they have received about 50 to 60 percent of the rights of entry that they need. Mr. Price said that there are some major land owners that have not responded to the request for right of entry. He told RAB members that the UTNG is hopeful that they will receive right of entry to these properties, but that it might be a slower process.

Agenda Item #3 Site Inspection Field Work Update

Mr. Fitzmayer gave an overview of his presentation agenda on slide two of (**Attachment 4**). He then pointed out slide three of (**Attachment 4**), which showed some commonly used acronyms. Mr. Fitzmayer explained that the

Military Munitions Response Program (MMRP) follows the Comprehensive Environmental Response Compensation and Liability Act, or CERCLA, process. Slide four of (**Attachment 4**) showed the process that the MMRP will follow. Mr. Fitzmayer explained that the Southeast Area and the Southwest Area Munitions Response Sites (MRS) are currently in the Site Inspection phase of the CERCLA process. He said that if the Site Inspection shows that there is probable contamination on either of the sites they may recommend that those sites be moved to the Remedial Investigation phase.

Mr. Fitzmayer pointed out a map of the Camp Williams installation on slide five of (**Attachment 4**). This map showed where the Southwest and Southeast Area MRSs are located in relation to the Camp Williams installation boundary. Mr. Fitzmayer explained that there was a major land exchange in 1989. This land exchange took place so the UTNG could consolidate their boundaries. He explained that Congress asked the UTNG to make sure these lands were free from munitions before the land exchange was completed.

Mr. Fitzmayer explained that in 1991, the UTNG conducted Operation Clean Sweep, a visual surface sweep to clear these transferring lands of munitions. He said that following Operation Clean Sweep, an After Action Report was written describing Operation Clean Sweep and outlining the items that were found. Mr. Fitzmayer explained that Operation Clean Sweep was completed in three phases. The third phase included the Southeast Area, Southwest Area and Wood Hollow MRSs. The After Action report was missing for some time, but once it was found and reviewed it showed that some munitions were discovered during the third phase of Operation Clean Sweep, but did not specify exactly where they were found. Mr. Fitzmayer said that this is why the Southeast and Southwest Areas were added later to the MMRP investigation. (Wood Hollow was already part of the MMRP.)

Mr. Fitzmayer gave a brief description of the Southeast and Southwest Area MRSs. The Southwest Area MRS is a 40-acre parcel of land that has been farmed since the early 1900's. He said that the landowners of this parcel have not seen any munitions. Mr. Fitzmayer explained the Southeast Area MRS is a 20-acre parcel of land that was transferred to public domain during the land exchange. He said that the Bureau of Land Management (BLM) now manages this land.

Mr. Fitzmayer pointed out the map found on slide six of (**Attachment 4**). This map shows the Southwest Area MRS boundary. Mr. Fitzmayer explained that most of this site is plowed farmland, and has been for a long time. He said that they interviewed the landowners and eight Personnel from Operation Clean Sweep, and no one recalled finding munitions at this site. Mr. Fitzmayer explained that based upon this information they didn't believe that they would find very much at this site.

Mr. Fitzmayer pointed out features on slide eight of (**Attachment 4**), which showed where the personnel walked the Southwest Area MRS with GPS equipment and magnetometers. Mr. Fitzmayer pointed out an area that is located on the Camp Williams installation that was included in the field work. He pointed to the map on slide eight of (**Attachment 4**) that indicated areas where something of interest was discovered. Mr. Fitzmayer discussed the items that were discovered at the MRS and said that these items indicate light military training may have taken place at this site.

Mr. Fitzmayer pointed out slide nine of (**Attachment 4**), which showed visual examples of the items found on the Southwest MRS. He then pointed out slide ten of (**Attachment 4**), which showed visual examples of the items found on the adjacent Camp Williams property. Mr. Fitzmayer said that a 57mm recoilless rifle round (much like a round that would be shot from a bazooka) was discovered on the adjacent Camp Williams Property. Based on

the appearance of the item, he said that it appeared to be a kick-out from a demolition shot and not a round fired from a weapon.

Mr. Fitzmayer pointed out slide 11 of (**Attachment 4**), which showed a map of the Southeast Area MRS. He said that the Southeast Area MRS is surrounded on all sides by privately owned land and that a major utility corridor crosses through this site. This parcel of land was transferred to public domain in the early 1900's and is currently managed by the BLM. Mr. Fitzmayer said that they didn't expect to find anything on this parcel based upon the historical records and interviews. He pointed to slide 12 of (**Attachment 4**), which showed some images of personnel working at the Southeast Area MRS.

Mr. Fitzmayer pointed out a map on slide 13 of (**Attachment 4**), which showed where personnel walked the Southeast Area MRS with GPS equipment and magnetometers. Mr. Fitzmayer discussed the items that were discovered at the Southeast Area MRS. He mentioned that an empty fuse container was discovered. This fuse container was labeled in such a way that indicated it may have been in the testing and development phase in the 1950's.

Mr. Fitzmayer pointed out slide 14 of (**Attachment 4**), which showed a debris pile of protective covers for rotating bands on 8-inch projectiles. He said that the rotating bands on 8-inch projectiles are prone to damage and the covers are used to protect the rotating bands during transport and prior to firing. Mr. Fitzmayer said that adjacent to the debris pile of protective covers was a five-foot by ten-foot depression in the ground, which may be a burial pit. He said that when personnel ran their metal detectors over this area there was some indication of buried metallic items.

Ms. Sandra Steele, Saratoga Springs Community Representative, asked what the protocol would be for investigating the potential burial pit. Mr. Fitzmayer said that they would need to submit an explosive safety plan and would need to further investigate the area. Mr. Waldrip asked if any metallic items were seen in the potential burial pit, or if they just had readings of metallic items with their instruments. Mr. Fitzmayer answered that they only had readings from their instruments. He said that the debris discovered at the Southeast Area MRS is an indication that the area was a one-time or low-use area for military training. Mr. Waldrip asked if there were any indications that the Southeast Area MRS was used as a firing point. Mr. Fitzmayer said that there are not indications that the site was used as a firing point.

Mr. Fitzmayer pointed to slide 15 of (**Attachment 4**), which showed an empty fuse container that was found at the Southeast Area MRS. He said that the fuse container is the same type that was used for 8-inch and 155mm projectiles.

Mr. Fitzmayer said that the next step for the Southwest and Southeast Area MRSs is to draft a Site Inspection report that will be sent to the UTNG and regulatory agencies for review. He said that they have written this report and have given it to the UTNG for review. The UTNG will then finalize the Site Inspection report and make a recommendation for the next step, which could be to move the sites into the Remedial Investigation phase. Mr. Steve Mumford, Eagle Mountain City, asked if the items found during the Site Inspection were left where they were found. Mr. Fitzmayer explained that the items were left as they were found because they indicate military use but do not pose an explosive hazard.

Mr. Dave Bennett, Utah County, asked if the work in Utah County will be phasing out soon. Mr. Price explained that two of the sites in Utah County are not as far in the investigation stage as some of the other sites. He said that

there is more work to be done in Utah County. Mr. Mumford asked if they think that the two sites involved in the Site Inspection will be moved to the next phase. Mr. Price said that there is a high expectation that those sites will be moved into the next phase.

Agenda Item #4 Remedial Investigation Update

Mr. Ed Staes, Parsons, pointed out slide three of (**Attachment 5**) and explained that four sites are currently in the Remedial Investigation phase of the CERCLA process. He then told RAB members that the purpose of the Remedial Investigation is to determine the nature and extent of munitions and explosives of concern and munitions constituent contamination. Mr. Staes said that the Remedial Investigation is trying to determine what type of contamination may exist, how much there is, where it is located, and if there is a risk to human health or the environment.

Mr. Staes outlined the process of the Remedial Investigation on slide five of (**Attachment 5**). He mentioned that when surface and non-intrusive subsurface surveys are conducted, trained personnel will have geophysical equipment to assist them. Geophysical equipment can detect metal anomalies located beneath the surface. He said that personnel will also use hand-held metal detectors, or magnetometers, to assist in the investigation. Mr. Staes introduced Steve Mills, the Field Site Manager and senior unexploded ordnance supervisor who will be leading the field effort.

Mr. Staes pointed out slide seven of (**Attachment 5**), which showed some pictures of personnel conducting field work with a variety of instruments. He said that instruments like these will be used during the Remedial Investigation to collect data. Following the field work, the data will be analyzed to determine where potential munitions and explosives of concern may be located. Mr. Staes explained that once the data from the field work is analyzed, personnel will return to the field and investigate anomalies that may represent munitions and explosives of concern. He also said that soil sampling will be conducted in areas where munitions and explosives of concern, or munitions debris have been identified.

Mr. Staes showed pictorial examples of how an anomaly would be intrusively investigated, shown on slide nine of (**Attachment 5**). He said that they will follow the approved safety procedures while conducting intrusive investigations. Mr. Staes said that areas with significant amounts of munitions debris or munitions and explosives of concern will have soil sampling done to ensure that hazardous material hasn't gotten into the soil.

Mr. Staes provided some general information for the MRSs involved in the Remedial Investigation, found on slide ten of (**Attachment 5**). He then pointed out a map found on slide 11 of (**Attachment 5**), which showed the Camp Williams installation boundary and the locations of the four MRSs involved in the Remedial Investigation. Mr. Staes described each of the four sites in more detail.

Mr. Staes described the size of the Southeast Simulated Attack Area MRS is a nine-acre site used for training simulated attacks and constructing floating bridges. He pointed out that some small arms blanks have been found at this site, which is consistent with historical records, but that the majority of munitions that would have been used would have been simulated munitions such as smoke, flash and noise type munitions. He said that these types of simulated munitions may still pose an explosive hazard and should be treated with caution. Mr. Staes explained that they don't believe this MRS will have sub-surface munitions present because of the type of training that took place. He said that there is potential for items to be located on the opposite side of the river. Mr. Staes said that they are waiting for Utah County to grant the rights of entry for that area.

Mr. Mark Edwards, City of Saratoga Springs, said that he is aware of some trails near the Southeast Simulated Attack Area. He asked if they would be using signage to let people know about the potential hazard. Mr. Fitzmayer said that they will have good site control during the investigation and that the area will be closed off if an explosive hazard is discovered, or if the site requires intrusive investigation.

Mr. Staes described the Wood Hollow Training Area and explained that it was part of the land exchange that took place in 1989. He said that this site was involved in Operation Clean Sweep and that personnel remember finding 75mm canisters at this site. A map on slide 14 of (**Attachment 5**) showed three areas where old artillery shells were found. He explained that a portion of this site is involved in an active mining operation. Mr. Flannigan asked if this mining company has been invited to participate on the RAB. Mr. Staes said that they have been involved with the mining company and that representatives from the company have attended previous technical project planning meetings. Mr. Staes pointed out a map on slide 15 of (**Attachment 5**), which showed the right of entry status for this site.

Mr. Staes gave a brief description of the Artillery Impact Area Buffer Zone and said that there have been two munitions found at this site. Mr. Staes described the Rose Canyon Training Area and explained that it is the largest site. He said that the northern portion may have been used for infantry or paratrooper training prior to WWII and the southern portion may have been subject to accidental overshoot. He said that one 155mm artillery shell has been discovered at this site.

Mr. Staes pointed out a map on slide 18 of (**Attachment 5**), which showed the areas that will be surveyed using qualitative reconnaissance or digital geophysical mapping. He then pointed out a map found on slide 29 of (**Attachment 5**), which showed right of entry status in the Rose Canyon Training Area and the Artillery Impact Area Buffer Zone. Mr. Staes said that they are hoping to obtain more right of entry agreements in the near future. Mr. Staes explained that they would especially like to investigate those areas where artillery has previously been discovered, but at some point they have to get moving on the field work. Mr. Staes explained that in projects like this, it is common that a few right of entry agreements will not be obtained.

Mr. Staes outlined the efforts that have gone into obtaining right of entry agreements from landowners, found on slide 21 of (**Attachment 5**). He said that a second mailing was recently sent out and they are hoping for more response from landowners.

Mr. John Waldrip, Utah Department of Environmental Quality, said that he would like to help with right of entry agreements. Mr. Staes said that the key is to obtain rights of entry from the BLM because they have the most acreage. Mr. Price explained that two major landowners live out of state and this has been a challenge in obtaining the right of entry agreements. He said that another delay comes because people think that their land will be excavated during the investigation. Mr. Price said that some positive media coverage may help landowners see that the majority of the investigation will not include intrusive activities and make them feel better about granting right of entry to their property.

Mr. Osmond asked if any additional sites will be added to the MMRP project. Mr. Staes said there are no plans to add additional sites at this time. Mr. Staes reminded RAB members to practice the three Rs if they encounter old munitions. The three Rs are: Recognize, Retreat, and Report. He also asked RAB members to remind community members to practice the three Rs.

Agenda Item #5 Break/Breakouts

RAB members were able to break into small groups to receive information about the Munitions Response Sites involved in the MMRP investigation or to have their picture taken for the Web site.

Agenda Item # 6 Mission Statement and Operating Procedures

Due to the time constraints of the meeting, Ms. Straube explained that she will be emailing a survey about the operating procedures to RAB members. She said that she will then draft operating procedures from the answered survey questions. The survey will allow those RAB members who were not present at the meeting a chance to provide input into the operating procedures.

Ms. Straube asked RAB members how long the term of office should be for community RAB members. Ms. Steele said that she felt it should be no less than two years. Mr. Mumford asked how long the project will last. Mr. Price explained that it is possible that the work could be wrapped up in a year, but that the project is contingent upon what is discovered during the field work. He said that if something significant is found the project will last longer. He said that he felt a two year term for RAB members made sense.

Mr. Greg Brown, Hi-Country Estates II, asked if some locations may be closed out earlier than others. Mr. Price said that it is possible that some locations will be completed before others and RAB members for those areas may decide not to participate at that time. Ms. Straube asked RAB members how long the term should be for the community co-chair. RAB members agreed that the community co-chair should also serve a two year term.

Agenda Item #7 Public Comment Opportunity

Ms. Straube asked if there were any additional questions or comments from the audience. No one responded.

Agenda Item #8 Agenda Items for August 18, 2010 Meeting

Ms. Straube noted that the next meeting will be held August 18, 2010. She mentioned that RAB members would be given an update on the Site Inspection progress as well as the Remedial Investigation field work.

Agenda Item #9 Adjourn

The meeting was adjourned at 8:30 p.m.

Attachments:

1. Meeting Agenda
2. Action Items
3. RAB Schedule
4. Presentation Slides – Site Inspection Field Work Update
5. Presentation Slides – Remedial Investigation Update