## **Final Meeting Minutes**

## May 6, 2014

**Project:** Former Camp Butner Restoration Advisory Board (RAB)

**Date:** May 6, 2014, 6:30 PM – 8:30 PM

Place: Butner Town Hall 415 Central Avenue Butner, North Carolina 27509

#### Attendees:

The table below presents a list of the attendees to the May 6, 2014, RAB meeting, and **Attachment 1** provides the attendance sign-in sheet.

Name	Organization
Ray Livermore	USACE Wilmington District
Chris Cochrane	USAESCH
Sarah Dyer	USAESCH
Kimberly Vaughn	HydroGeoLogic, Inc. (HGL)
Doug Logan	Granville County Emergency Management
Donald Slaughter	Resident, Butner Public Safety representative
Marti Morgan	North Carolina Department of Environment and Natural Resources (NC DENR)
Vicky Cates	Town of Butner (Chairwoman)
Richard and Joyce	Citizens of Granville County, residents within former Camp Butner
Veazey	
Hope Taylor	Clean Water for North Carolina, Granville resident

## Prepared By: Kimberly Vaughn

**Topic:** RAB Meeting # 20

## **Objectives**

The RAB meeting objectives are to discuss the former Camp Butner FUDS project, solicit feedback from the community and stakeholders, and summarize the results of the current Remedial Investigation (RI) project.

## **Introduction**

Ms. Vicky Cates called the meeting to order and requested an introduction of all meeting attendees. Mr. Ray Livermore, USACE discussed the status of the former Camp Butner FUDS since the last RAB meeting and reviewed the topics to be discussed this evening.

## **Remedial Investigation Update**

Mr. Livermore introduced Kimberly Vaughn, present as Deputy Project Manager for HGL. Ms. Vaughn presented a summary of the remedial investigation status (see Attachment 2 – RAB Meeting slide presentation) with a focus on the current draft final RI Report, pending review by North Carolina Department of Environment and Natural Resources (NCDENR).

Mr. Donald Slaughter attending from the Butner Public Safety department, reported what he described as additional bazooka ranges (for training in dummy rounds) across from the incinerator. Mr. Slaughter believes that these were ranges where practice rounds were used in training. The location is near the intersection of F Street and 33<sup>rd</sup> Street to the north, near the power line. Mr. Slaughter reported to the group that assault training, flamethrower pits, hand grenade training, and dummy bazookas were all used north of that road and to the west toward the Flame Thrower Range. Mr. Slaughter also brought in a spike as an example of the arrangements of spike and concertina wire present in the flamethrower pits. Mr. Slaughter emphasized that his concern is that these spikes are a danger of impalement to citizens or hunters. Mr. Livermore provided a photographed example of the spike and wire that are present onsite after the RAB meeting (see Figure 1).



Figure 1

The group discussed the November 2013 reported find from outside of the munitions response area (MRA) as summarized by email from Mr. Doug Logan to Mr. Ray Livermore (see photo). As discussed through email traffic in November 2013, it is believed that this item was found inside the MRA boundary, and transported to the address where it was subsequently located and destroyed. A photograph was provided from Mr. Doug Logan, on Wednesday, November 13, 2013 by email to Mr. Ray Livermore (see Figure 2) with this description:

"FYI, we responded to a UXO discovery at 642 Charlie Huff Rd, Oxford, NC 27565, on Monday, Nov 4, 2013. The item was an

in-tact 155MM projectile discovered lying next to the back steps on an old farm house. The owner was cleaning up around his parents' farm house and discovered the UXO underneath an overgrowth of ivy. From all appearances, the UXO had been found on their property and moved to that location some years ago. The NCSBI Hazardous Devices Unit responded and contacted an EOD Team from Ft. Bragg. The UXO was moved by the EOD team to a safe location on the property and counter-exploded."



Mr. Livermore, Mr. Slaughter, and Ms. Cates, discussed the historical list of externally reported items. Mr. Doug Logan maintains a list of citizen reported finds. To the extent possible these items need to be gathered and incorporated into the project GIS.

Ms. Vaughn reviewed the contents of the slide presentation including the site history to date, the results of the RI field activities, the conclusions and recommendations of the RI project, and the of boundaries for the development MEC contaminated areas. Using the figures (Attachment 3 – RAB meeting figures) provided as handouts, the group discussed the rights-of-entry granted and the investigation conducted. Ms. Vaughn summarized that HGL has reviewed the field investigation data and has made conclusions and recommendations for where a MEC hazard for and MC hazard may be present on-site. The report concludes that there is potential for humans to come into contact with explosive hazards (MEC contamination) and that the extent of that MEC contamination has been determined. A new MRS boundary for the MEC contamination areas is now recommended. The lands that are outside of the MEC contamination are will be called "Remaining Lands" where there is a low potential for explosive

hazards (MEC) to be present. There were no indications that munitions constituents contamination is present at the Butner site. These MRSs are recommended to go forward to the feasibility study phase of the project. Ms. Vaughn summarized the recommendations that the RI report makes for the MRSs going forward, including the new Hand Grenade Range #2 MRS that was identified during the RI field activities.

Ms. Vaughn summarized that the feasibility study, based on the RI recommendations, will evaluate the different remedies and technologies available. The cost analysis is also done in the feasibility study for each alternative that is presented. The best alternative is evaluated in the

feasibility study, and the future proposed plan presents a recommended alternative. Those recommendations are presented at a future public meeting for review and comment. The next actions for HGL on the RI project will be to finalize the RI report and continue with the feasibility study, proposed plan, and the proposed plan public meeting. Mr. Livermore noted that the RAB meeting attendees will be advised when the proposed plan public meeting is scheduled.

#### **School/Education Program Discussion**

Mr. Livermore, Mr. Logan, Mr. Veazey and Ms. Cates discussed the school education program. There has been discussion in the past to revisit the school education program and make improvements. For instance, Mr. Livermore asked what other potential tools are available such as websites or coloring books. Mr. Livermore mentioned the DVD with the educational video that was created previously. A discussion of whether the safety officer for the school district could provide live safety training for school children with visual aids occurred. It was decided that encouraging children to touch "dummy" items sends the wrong message for not touching items that might be found outdoors.

Mr. Logan has a box of the DVD movies that were previously made. There are coloring books and/or brochures that are available, and the schools are able to reproduce extra copies off of a master document. Ms. Chris Cochrane mentioned that handouts and giveaways for older schoolchildren are available as well. There are also other videos with general content that are not specific to Butner that could be provided. Ms. Cates asked that the materials present the history also for the schoolchildren. She would like the content to explain why the munitions are present. She noted there is not much history presented in previous handouts or materials before presenting the 3Rs for safety. The group discussed that if a PowerPoint slide presentation with up-dated photos suitable for older children is developed it could be placed on the county's website. The possibility to use the existing DVD video on a YouTube channel dedicated to the Camp Butner site was discussed. Mr. Slaughter stated that he would be glad to present these educational materials at future public gatherings. The group discussed that handouts should be focused on using non-technical languages for a non-technical audience. Mr. Livermore asked what public events are occurring in future and Mr. Slaughter stated there is a wreath laying planned for Memorial Day and the Chicken Pickin June 7. This festival has fireworks and events, with street closings for booths etc.

Mr. Slaughter also stated that the Butner Public Safety department goes into the schools regularly for safety lectures on fire prevention. Ms. Taylor asked where are these educational materials located, for the group to obtain them. Mr. Logan stated that he has distributed them in the past and is not sure but he believes that the tax assessor's office may have some of these materials available. Mr. Slaughter stated he could use them as handouts for the fire and/or crime prevention safety lectures that are given regularly to middle school aged children. Mr. Livermore will evaluate what type of educational handouts can be enveloped in time for the May and June events that were discussed. Ms. Cochrane stated she has many giveaways and handouts that she can help provide. Mr. Slaughter stated there are also community watch meetings which would be a good place to distribute these materials and could further serve to educate the public about the former Camp Butner. This could assist in getting rights of entry granted in future. Mr. Livermore discussed with Mr. Slaughter and USACE would have to determine whether the

concertina wire and stakes/spikes could be addressed under the FUDS program. Ms. Taylor asked whether the public meeting scheduled for the Proposed Plan review would be a good place to get some media coverage for either newspaper or TV news coverage to help publicize the site.

# Next RAB Meeting

The group discussed the next RAB meeting to be scheduled in August or September for preparation ahead of the public meeting set for the proposed plan. Ms. Taylor noted that any articles or media coverage with photographs that could be placed in local media may develop interest ahead of the public meeting. Mr. Livermore discussed with the group that the news release that will be published ahead of the proposed plan could be reviewed by the RAB group. He suggested a future teleconference, if needed, to discuss any concerns for the news release could be developed. Meeting was adjourned

Action Items Include:

- USACE provide MEC contamination boundary GIS data to Granville County Planning.
- USACE provide internet link to Savannah District UXO education section for older children. *This was completed in May 2014*.
- USACE provide power point presentation with UXO pictures and Camp Butner background information geared towards older children. *This was completed in May 2014.*
- USACE provide internet link to Playing It Safe Video created for Camp Butner in 2004. *This was completed in May 2014*.
- USACE determine eligibility of project for removal of concertina wire stake.
- USACE/RAB Advertise (media release) and arrange for a meeting prior to the Proposed Plan/RAB meeting for the community to discuss the PP
- HGL incorporate revisions needed to the RI report and finalize the report ahead of the proposed plan public meeting.

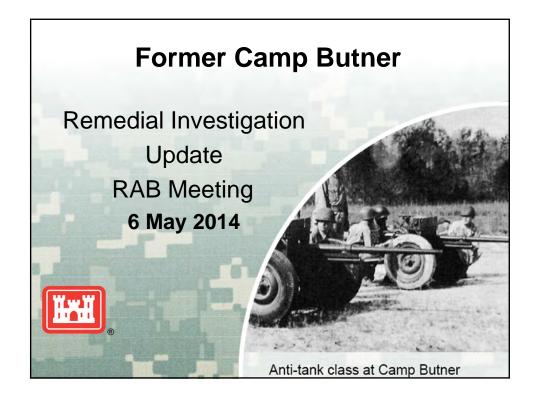
Attachment 1, Attendance Sign-In Sheet

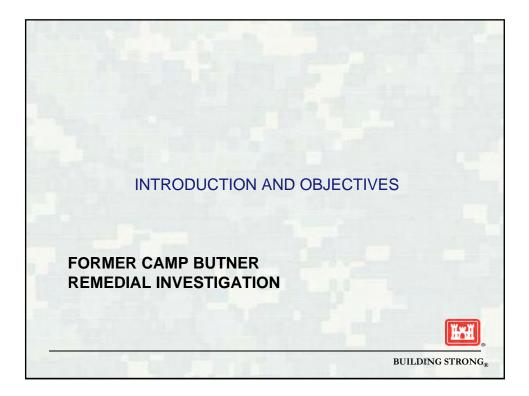
## **RAB MEETING** ATTENDANCE SIGN-IN SHEET

Project: former Camp Butner Remedial Investigation / Feasibility StudyDate/Time: May 6, 2014, 6:30 pmPlace: Butner Town Hall, Multi-Purpose Room, 415 Central Avenue, Butner, North Carolina

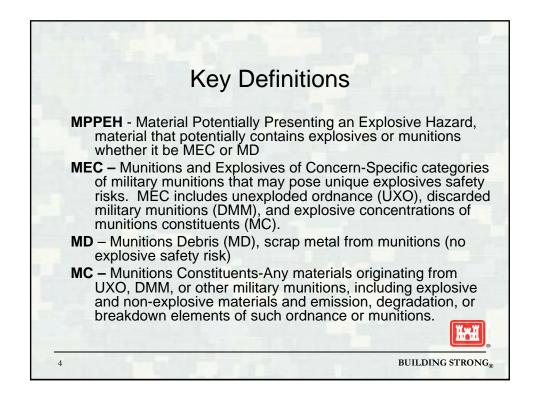
PRINTED NAME	ORGANIZATION	PHONE NUMBER	Email	Initials
Vicky Cates	Town of Butner	919.599.0782.	licky. Cates @ va.gov	VAR
Richard & Joyce Vearay	residents	919-528-9039	Mjveazey@AOL.com	RAV
Donald sloughte	Resident Batman Pablic Safel	919-575-6581 X 109	donald.slang hte e batmapps,o	s Dag
Chies Cochrone	USACE			
Dous LOGAN	GRANUTLE COUNTY EMERGENCY MANAGEMENT	919-603-1310	dour.loganogranu:llocounty.org	D.C.
Sarah Dyer	USACE	256-895-5518		Ga.
Hope Taylor	Clean Water for NC Granville Kesiden	919-603-032	hapeccufac.org	HET

Attachment 2 – RAB Meeting Slide Presentation

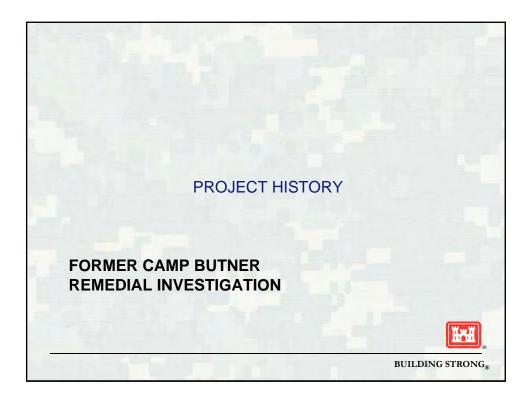


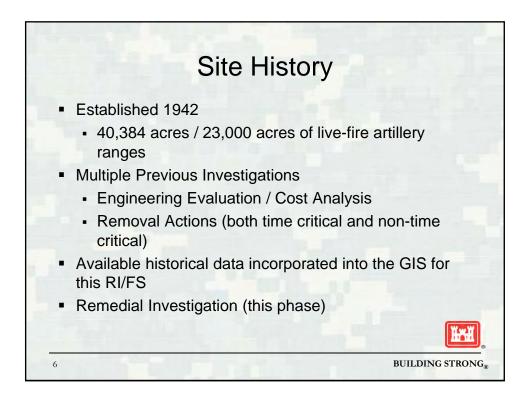


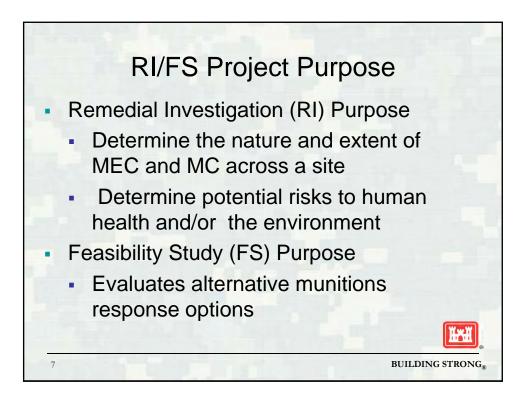


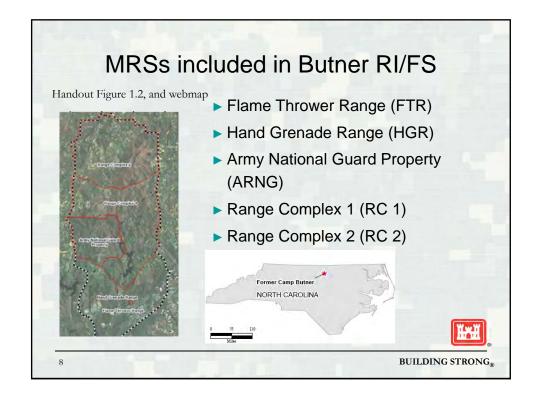


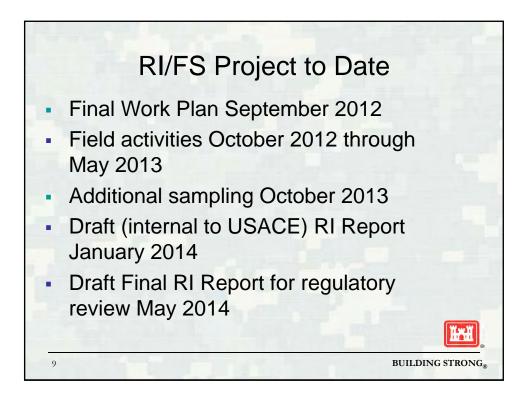


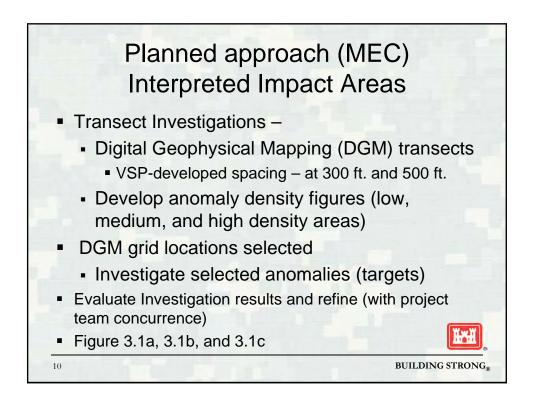


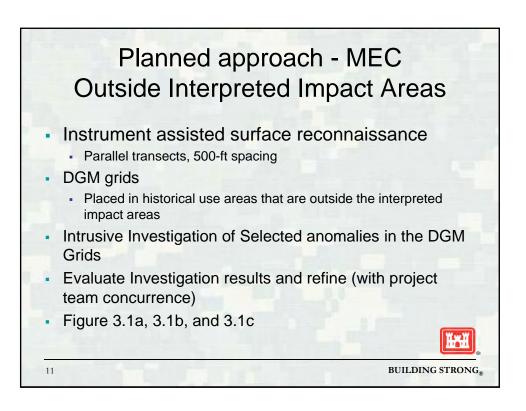


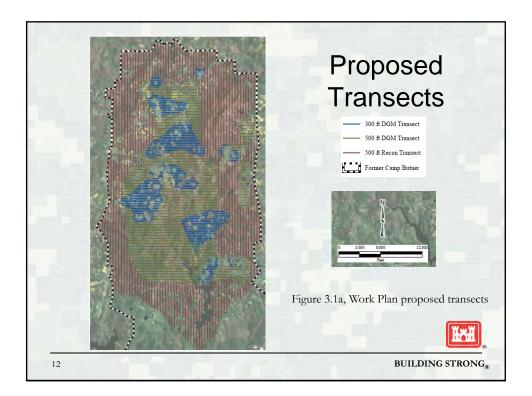


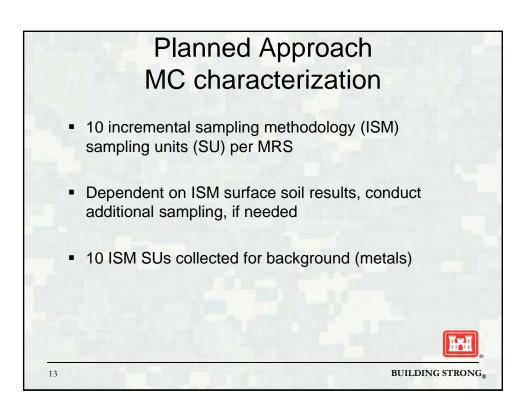


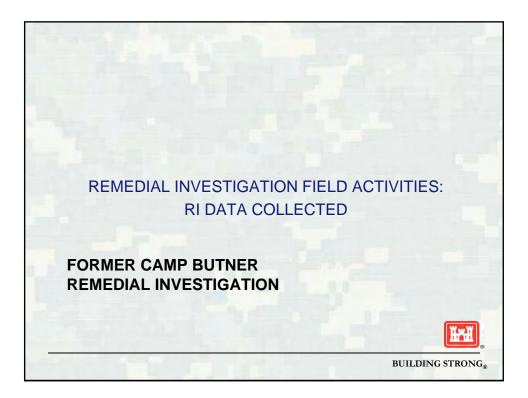


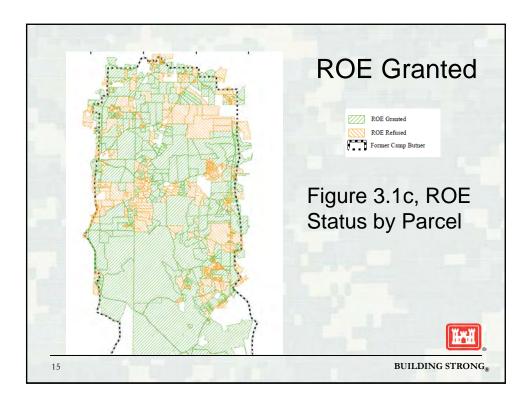












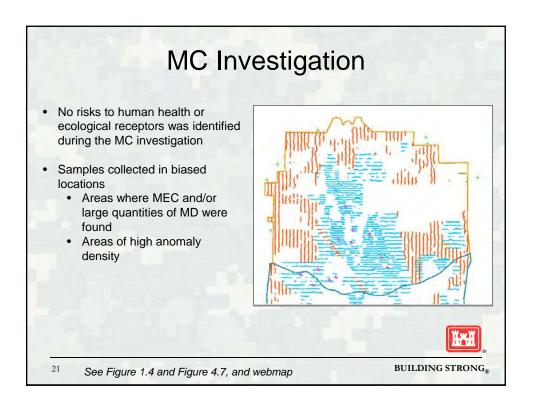
		Actuals			Propose	d	% of
Activity	RC1 MRS	RC2 MRS	ARNG MRS	RC1 MRS	RC2 MRS	ARNG MRS	Work Plan Proposed Coverage <sup>1</sup>
Reconnaissance Transects (miles)	40	48.7	29.2	67	85	29	73%
DGM Density Transects (miles)	68	69.4	49.3	110	98	52	76%
DGM Survey Grids	62	101	89	158	133	77	77%
DGM Grids Intrusive	62	91	89	158	133	77	75%
Analog Intrusive Grids <sup>3</sup>	28	13	NA				
	Yes	Yes	Yes				
DGM Survey Grids DGM Grids Intrusive Analog Intrusive Grids <sup>3</sup> RI met applicable DQOs for areas where ROE were granted? <sup>2</sup> 1 - Less than 100% due to 2 – DQOs applicable to eas	62 28 Yes ROE ref	91 13 Yes	89 89 NA Yes	158 wners	133	77	,.

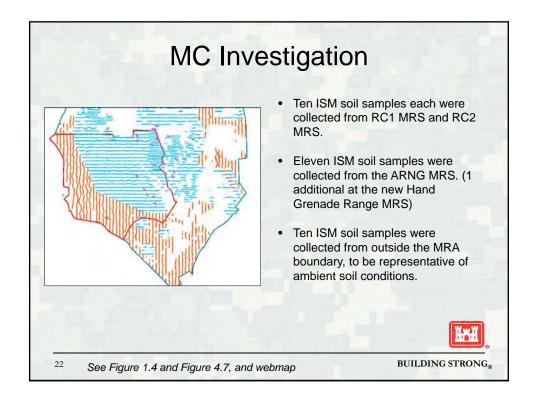
MEC ID	Anomaly ID (if applicable)	Nomen- clature	Туре	Date Found	Date Destroyed	MEC	MD
ARNG-001	ARNG	M48	60mm HE Mortar	3/22/13	3/22/13	X	
ARNG-002	11-43 ARNG 14-18	M49	60mm HE Mortar	4/2/13	4/2/13	х	
ARNG-003	NA	M70	57mm AP-T projectile	4/4/13	4/18/13		Х
ARNG-004	ARNG 13-05	M2	3.25-inch AA Target Rocket	4/17/13	4/18/13		х
ARNG-005	ARNG 82-16	Mk II	Hand Grenade, HE	4/25/13	4/25/13	Х	
ARNG-006	NA	Mk II	Hand Grenade, HE	4/25/13	4/25/13	Х	
ARNG-007 ARNG-008	NA NA	Mk II Mk II	Hand Grenade, HE Hand Grenade, HE	4/25/13 4/25/13	4/25/13 4/25/13	X X	_
			P V Property				

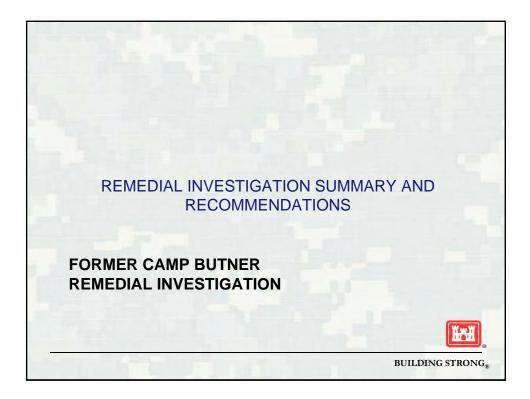


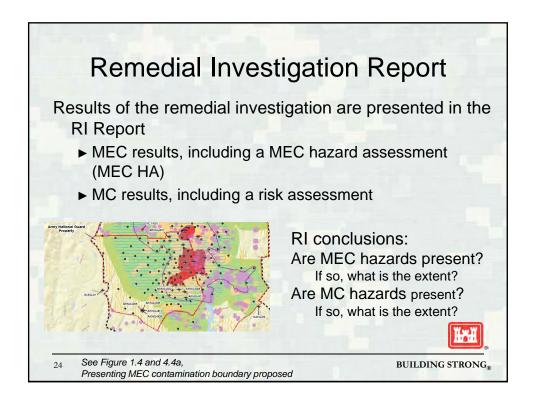


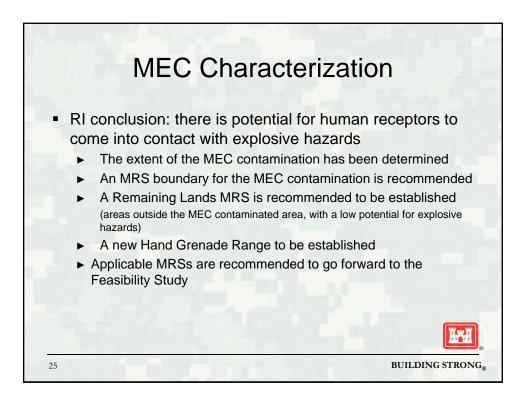
MEC ID RC2-001 RC2-002	Anomaly (if applicable) NA RC2	Nomen-clature M107 M63 Mod 1	Type 155mm HE projectile 37mm Projectile, TP	Date Found 4/15/13 5/1/13	Date Destroyed 4/15/13 5/1/13	MEC X X	MD
RC2-003	019-16 RC2 106-12	M63 Mod 1	37mm Projectile, TP	5/15/13	5/15/13	х	
	MEC #	MK63 Mod1, RC2-ØØ 173 € 2066Ø6	2		ons in grid Robbins' pro		

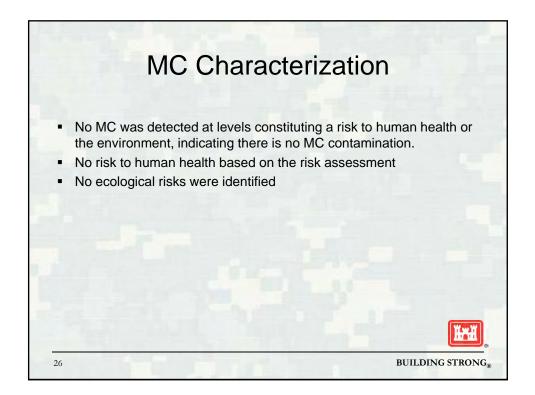




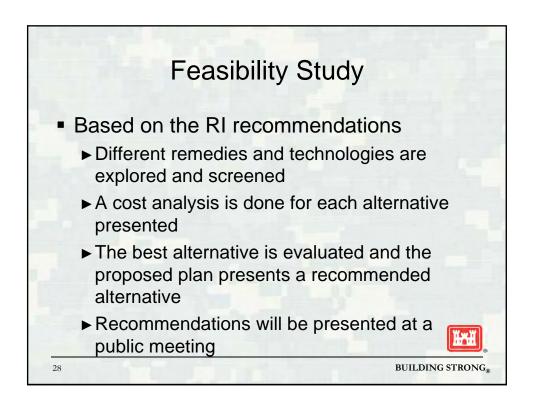


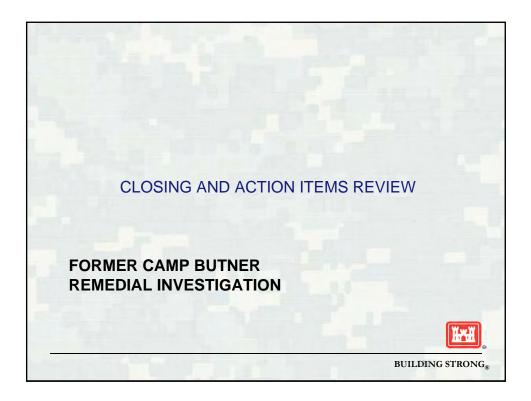


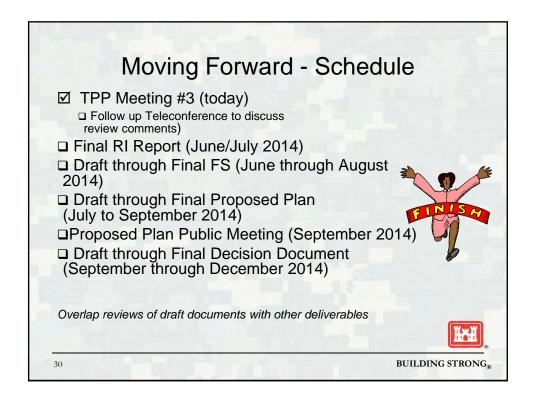


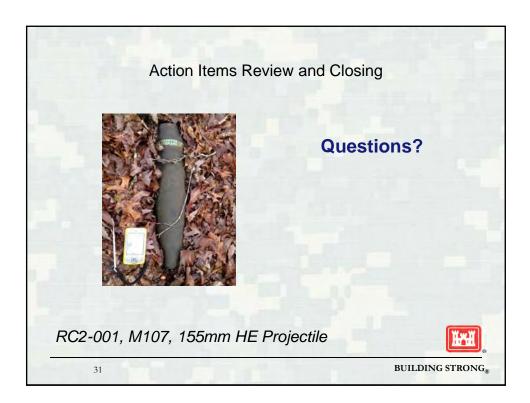












# Attachment 3 – RAB Meeting Handouts

