Former Camp Butner Public Information Session Meeting Minutes September 5, 2012

Project: Former Camp Butner Public Information Session

Date: September 5, 2012, 6:00 – 8:00 PM

Place: Butner Town Hall 415 Central Avenue

Butner, North Carolina 27509

Prepared By: Jessica Berg and Kimberly Vaughn

Topic: Public Information Session Remedial Investigation (RI)/ Feasibility Study (FS) and

Right-of-Entry

Summary

The U.S. Army Corps of Engineers (USACE) Wilmington District and USACE Huntsville Center hosted a public information session for the former Camp Butner to inform the public on future site investigations and to obtain right-of-entry from property owners affected.

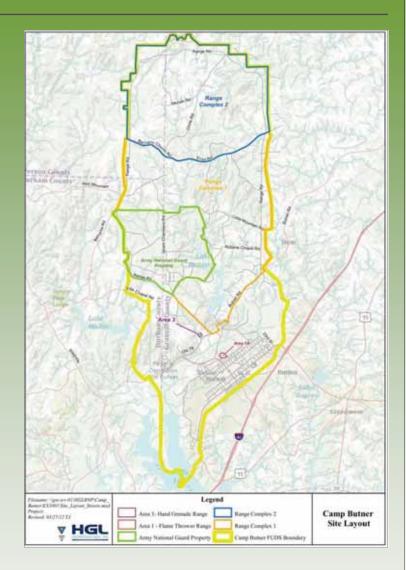
The information session included the posters presented in Attachment 1, the presentation presented in Attachment 2, as well as an information video and access to the 3 R's safety website, http://www.sas.usace.army.mil/UXO/public/index.html.



Former Camp Butner Military Munitions Response Sites

IMPORTANT TERMS

- Formerly Used Defense Site (FUDS):
 Properties that were formerly owned by, leased to, or otherwise possessed by the United States and under the jurisdiction of the Secretary of Defense, and transferred from Department of Defense (DOD) control prior to October 1986.
- U.S. Army Corps of Engineers (USACE): The USACE is the DOD organization that is responsible for environmental restoration of FUDS properties.
- Military Munitions Response Program (MMRP): A DOD program under which the USACE addresses the potential explosives safety, health, and environmental issues caused by past DOD munitions related activities.
- Military Munitions Response Sites (MRS): A discrete location that is known to require a munitions response.
- Former Camp Butner (site) is a FUDS.





SITE LOCATION INFORMATION

- Former Camp Butner is located approximately 15 miles north of Durham within Granville, Person, and Durham Counties, North Carolina.
- The entire site encompasses an estimated 40,384 acres.
- Currently, the former site is owned by the Army National Guard, the State of North Carolina, local municipalities, and a number of private owners.



Former Camp Butner Site History and Training

- Camp Butner was established in 1942 to train infantry, artillery, and engineering combat troops for deployment and redeployment overseas during World War II.
- The installation was active from 1942 until 1946 and included approximately 15 live-fire ammunition training ranges, a grenade range, a 1,000-inch range, a gas chamber, and a flame-thrower training pad.
- Training was conducted only through 1943.
- Camp Butner was declared excess on January 31, 1947.



Rifle Squads at Camp Butner



Climbing Net at Camp Butner



Anti-Tank Class at Camp Butner



Mortar Class at Camp Butner

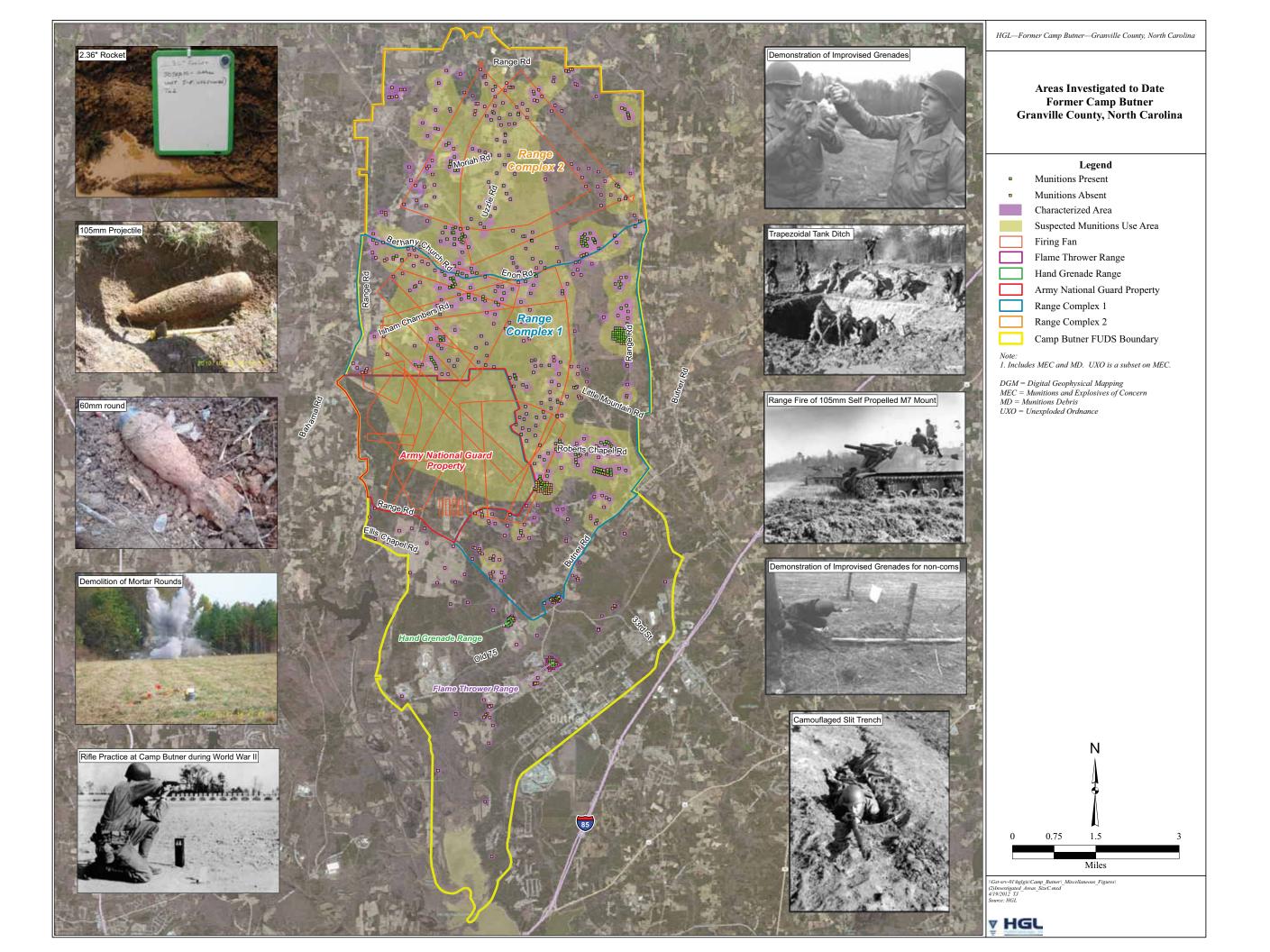
- Munitions used at the site included 2.36-inch rockets, rifle and hand grenades, 20-mm through 240-mm high explosive projectiles, 60and 81-mm mortars, and anti-personnel practice mines.
- Training activities also included the use of demolition items such as TNT and various initiating and priming materials.







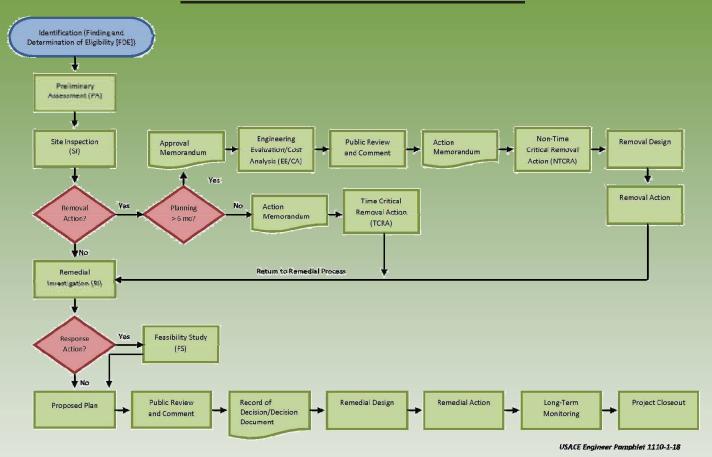
Examples of Munitions Used at Camp Butner





FUDS Military Munitions Response Program

The FUDS Process Under CERCLA



- The USACE is the executing agent for the FUDS military munitions response program (MMRP), which DOD established in 2001 to address FUDS that have military munitions.
- The FUDS MMRP follows the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) remedial process and includes the following five phases:
 - 1. Inventory
 - 2. Preliminary Assessment
 - 3. MMRP SI
 - 4. Remedial Investigation / Feasibility Study
 - 5. Response



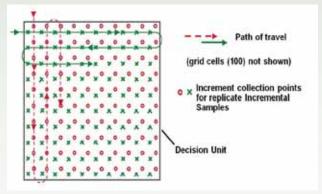
Former Camp Butner Remedial Investigation/Feasibility Study

Remedial Investigation (RI)/Feasibility Study (FS) Objectives

- Characterize the nature and potential threat posed by residual military munitions and/or hazardous substances.
- Obtain data to assess the extent to which the release poses a threat to human health,
 safety, or the environment.
- Obtain data to support the analysis and design of potential response actions.







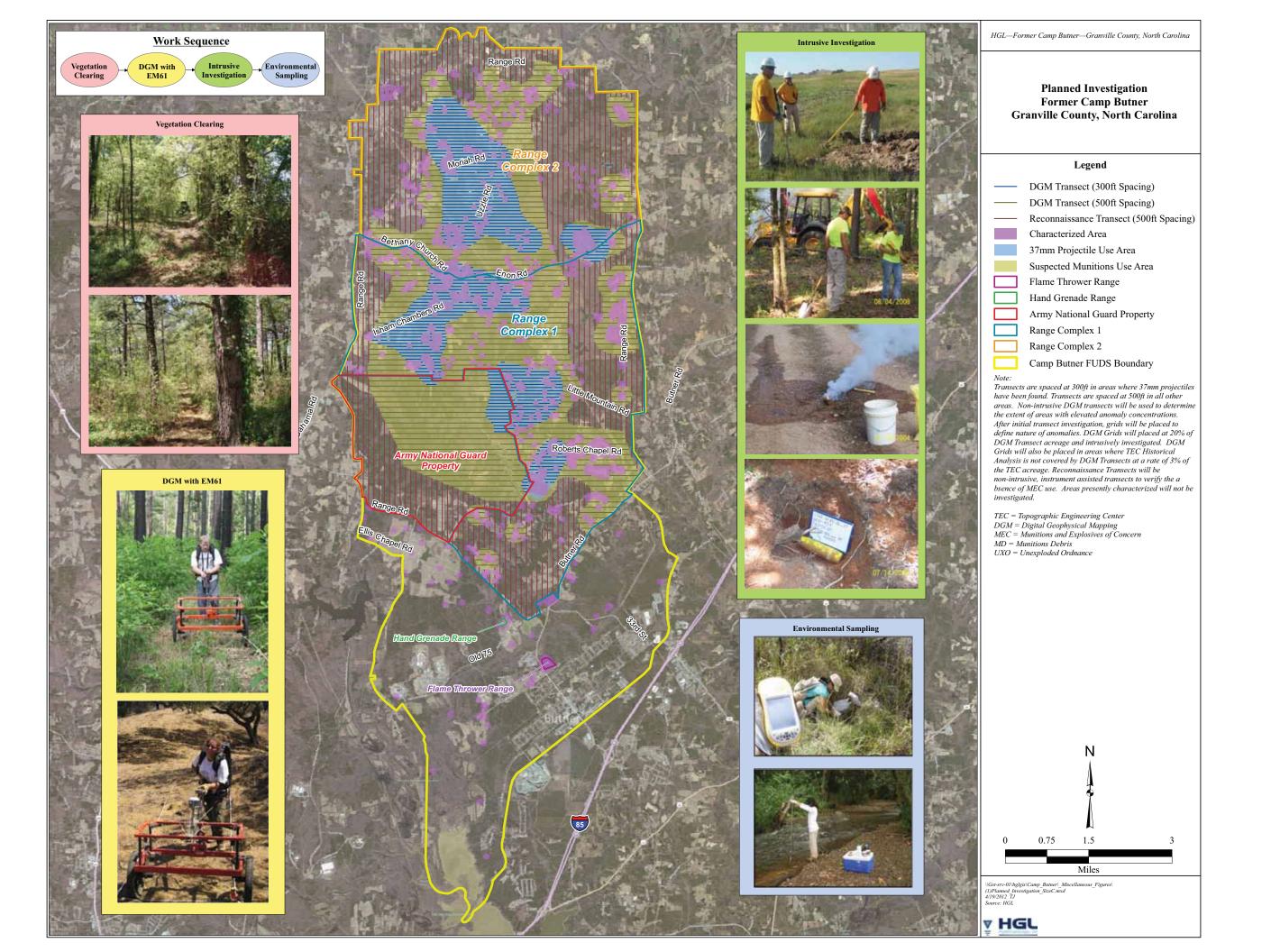
Systematic Radom Mode of Sub-Sampling

Proposed RI Environmental Sampling and Analysis for Each MRS

- Select ten 100- by 100-foot Incremental Samples (IS) sampling unit parcels based on the results of the geophysical survey and intrusive investigation
- Subdivide sampling unit into 30 uniform grid cells
- Select single increment sampling point randomly and collect increments from same relative location within each of the grid cells.
- Analyze IS soil samples for explosives and metals.
- Collect up to 10 sediment, plus 10 co-located surface soil and shallow subsurface soil samples from within the general area sampled during the IS phase if IS sample results require.

Proposed RI Environmental Sampling Method

- Incremental Samples (IS) soil sub-samples advanced 0 to 6 inches.
- Incremental soil samples obtained either with a specialized coring device, or with a stainless steel trowel.
- Subsurface samples (2 feet below ground surface) will be collected with a hand auger or similar.
- Discrete surface, subsurface, and sediment samples will also be collected, if necessary, based on pathway analysis.





Public Involvement Initiative

- Encourage two-way communication
- Provide an overview of the FUDS inspection and remedial process
- Invite community involvement in the decision-making process
- Provide a fact sheet and develop a mailing list for future fact sheet distribution

Additional Information Available

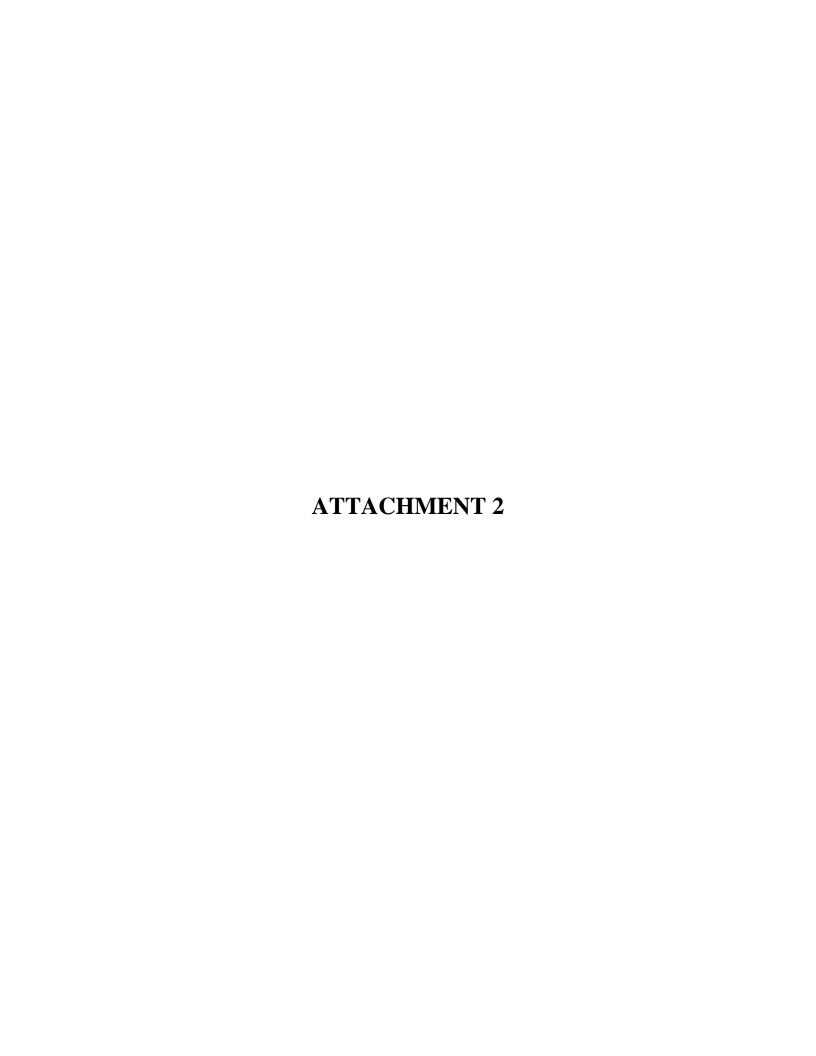
Camp Butner Administrative Record South Granville County Library 1550 S. Campus Drive Creedmoor, North Carolina 27522

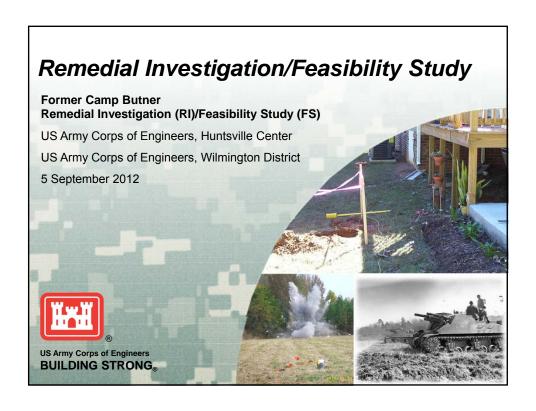
Public Affairs Office

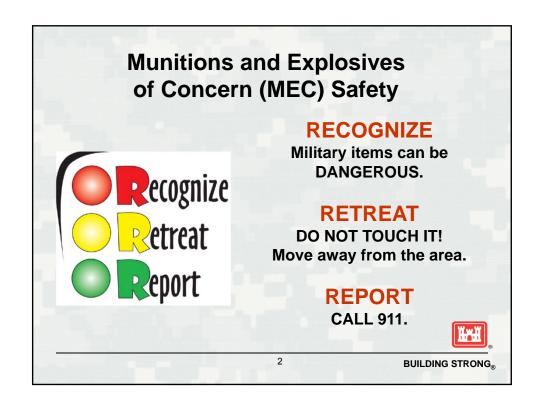
U.S. Army Corps of Engineers—Wilmington District
69 Darlington Avenue
Wilmington, North Carolina 28403
(910) 251-4626

Email: ann.johnson@usace.army.mil

http://www.saw.usace.army.mil/campbutner/







Goals of the RI/FS

- Protect Human Health and Welfare
- Protect and Preserve the Environment
- Manage Risk



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Project Delivery Team

US Army Corps of Engineers



North Carolina Department of Environment and Natural Resources

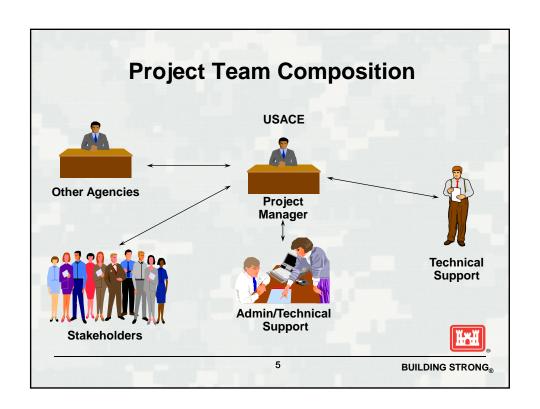


HydroGeoLogic, Inc. (HGL)





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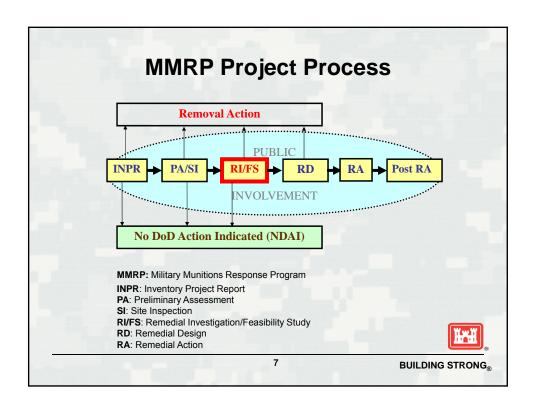


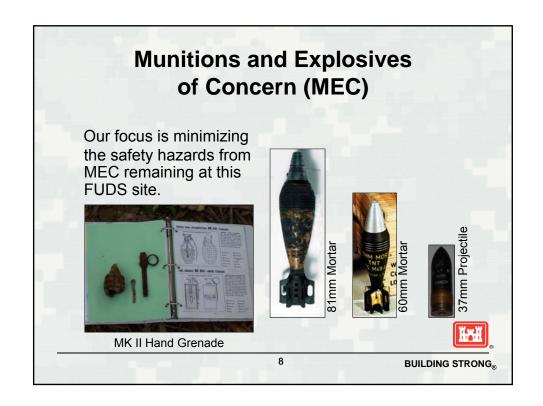


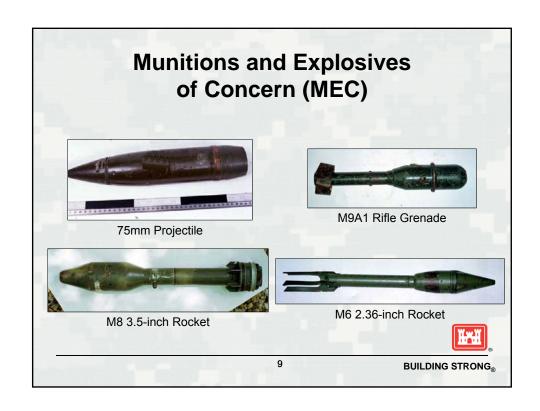
- Congress established the Formerly Used Defense Sites (FUDS) Program in 1986.
- The USACE manages the FUDS program for the Department of Defense (DoD).



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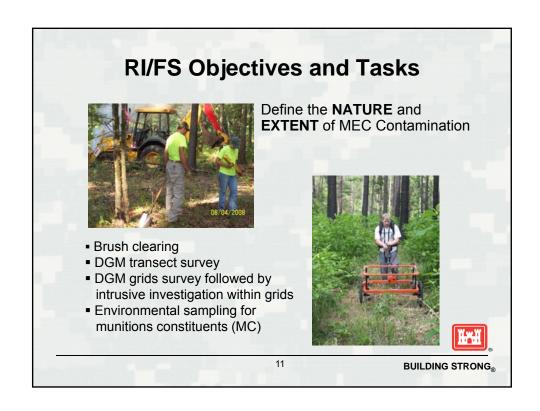


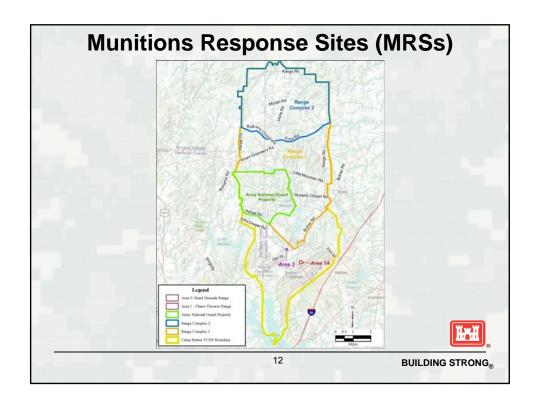
Past Investigations

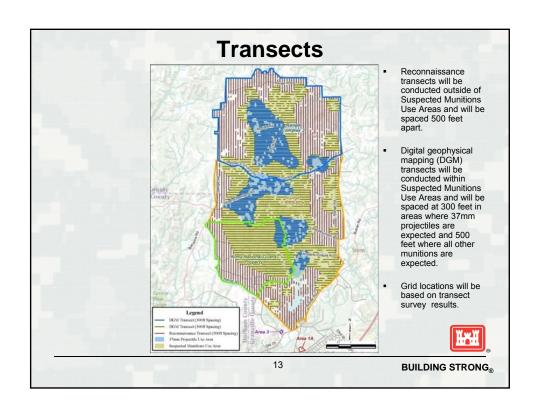
- Engineering Evaluation (EE)/Cost Analysis (CA) 2001
 - ► An EE/CA evaluated 77 acres including 330 grids throughout MRS Range Complexes 1 and 2.
- GIS-Based Historical Photographic Analysis 2001
 - ► An analysis of 1943, 1945, and 1949 aerial photos identified MEC-related features (e.g., crater fields, bombing targets, etc.).
- Removal Actions (RAs) 2003, 2004, 2006, 2008-2010
 - ➤ RAs covered approximately 20 acres at the Flame Thrower Range, 26 acres at the Lakeview Subdivision, and 250 parcels (averaging 1.75 acres each) throughout Range Complexes 1 and 2.
- ESTCP Pilot Study 2011
 - ► An advanced technology study covered 30 acres for detection of 37mm, 105mm, and 155mm projectiles.



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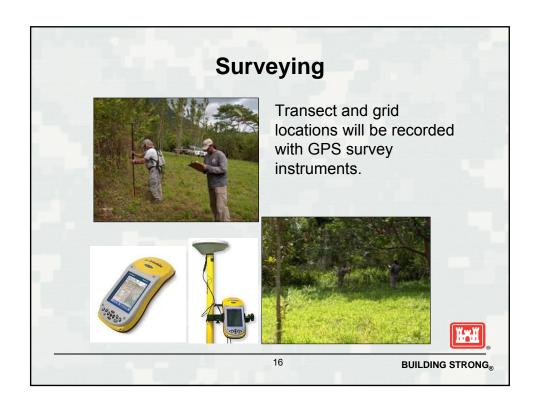


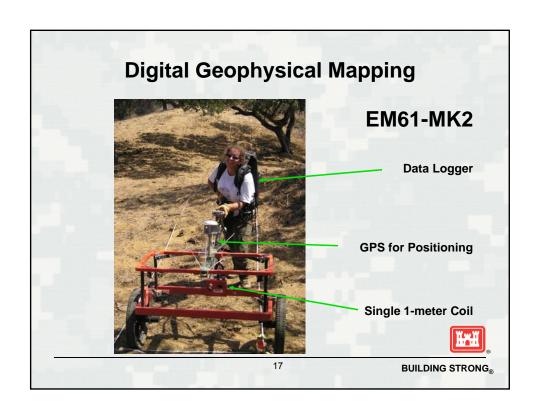


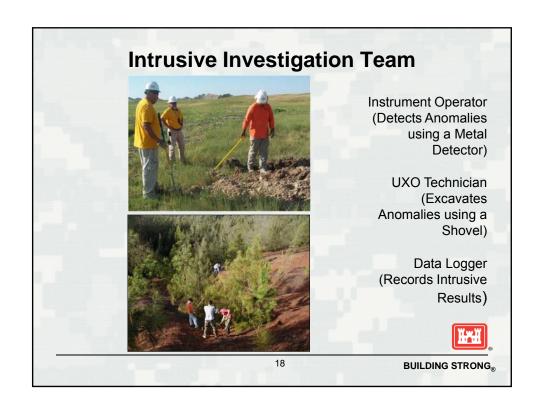


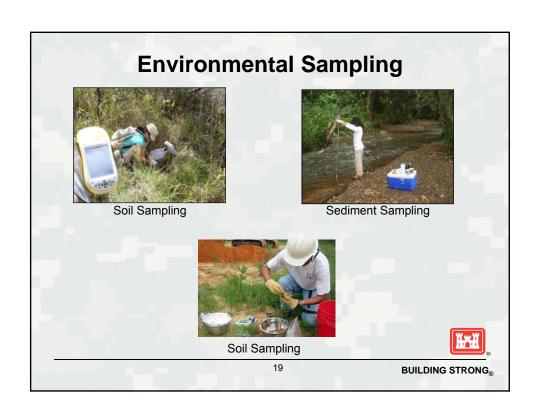
4	Response Munitions Site*	Number of Grids	Miles of DGM Transects**	Miles of Reconnaissance Transects**
Remedial Investigation	Range Complex 1	131	68.9	41.1
	Range Complex 2	156	68	40
	Army National Guard	75	49	28
field activities. No	ver Range and Hand Grena o additional fieldwork is ar nd reconnaissance transec	nticipated in these	areas.	



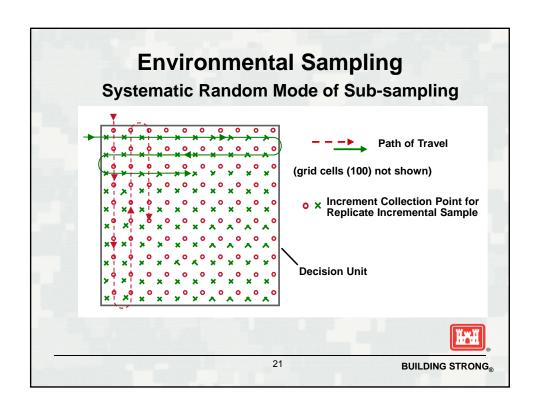


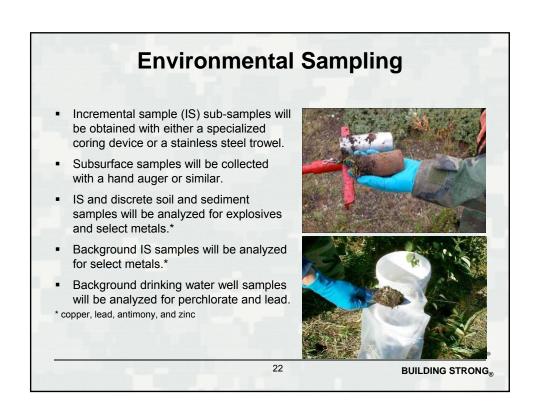






4	Munitions Response Site*	Incremental Surface Samples	Incremental or Discrete Surface Samples ⁺	Discrete Sub- surface Samples ⁺	Discrete Sediment Samples ⁺	Background Incremental Samples and Drinking Water Well Samples
Remedial Investigation	Range Complex 1	10	10	10	10	10
	Range Complex 2	10	10	10	10	
	Army National Guard	10	10	10	10	





Remedial Investigation Report

Remedial Investigation

► The first part will detail how the work was done and the findings.

Risk Assessment

The second part will assess risk, specifically the following:



· MEC Risk





 Evaluates Risk to Human Health Presented by Munitions Constituents



Ecological Risk

 Evaluates Risk to the Environment Presented by Munitions Constituents



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What's Next?

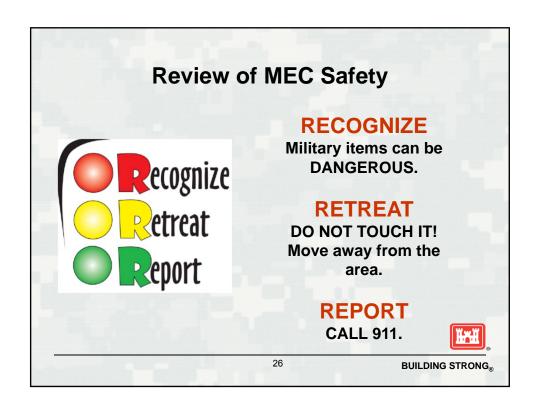
- RI/FS Work Plan: September 2012
- Secure Rights of Entry: April 2012 September 2012
- RI/FS Fieldwork: October 2012 February 2013*
- RI Report: March 2013*
- FS Report: May 2013*
 - ► Analyzes Remediation Alternatives
- Proposed Plan: June 2013*
 - ► Public Meeting
 - ▶ 30-Day Public Review
- Decision Document: September 2013*



* Pending Rights of Entry and Work Plan Approval

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How to Obtain More Information

Camp Butner Website

http://www.saw.usace.army.mil/campbutner/index.htm

Camp Butner Administrative Record

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