



**US Army Corps  
of Engineers®**

**Restoration Advisory Board  
May 4, 2017  
6:30 PM**



**Spartanburg Marriott at Renaissance Park  
Spartanburg, South Carolina**

**Meeting Agenda**

Welcome ..... Gary Hayes, Community Co-Chair

New Business

Election of Community Co-Chair

Decision Documents ..... US Army Corps of Engineers

No Action

Gas Chamber and Cantonment Areas of Potential Concern

Alternative 2 – Land Use Controls

Munitions Debris Areas

Remaining Lands

Alternative 4 – Removal Action

Rocket and Rifle Grenade Area

Maneuver Area/Croft State Park

60/81mm Mortar Area

Grenade Maneuver Area

105mm Area

60mm Mortar Area

Schedule

Old Business

RAB New Business Topics

Adjourn

*Your attendance and participation are encouraged for the success of this important project!*

[www.campcroft.net](http://www.campcroft.net)

## Camp Croft Project Identification

| Pre-RI Designation | Revised Designation                                                                                                                                      | Decision Document Delineation (MMRP Project #)                                                                                                                                                                                                                         |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MRS 1              | MRS 1                                                                                                                                                    | Project 12: Gas Chamber and Cantonment AoPIs                                                                                                                                                                                                                           |
| MRS 2              | MRS 2                                                                                                                                                    | Project 13: Grenade Court                                                                                                                                                                                                                                              |
| MRS 3 (Land)       | 105mm Area<br>Maneuver Area<br>60mm Mortar Area<br>60/81mm Mortar Area<br>Rocket & Rifle Grenade Area<br>Rocket/Grenade Maneuver Area<br>Remaining Lands | Project 10: 105mm Area<br>Project 07: Maneuver Area/Croft State Park<br>Project 11: 60mm Mortar Area<br>Project 08: 60/81mm Mortar Area<br>Project 06: Rocket and Rifle Grenade Area<br>Project 03: Munitions Debris Area<br>Project 05: Range Complex Remaining Lands |
| AoPI 3             | Grenade Area                                                                                                                                             | Project 03: Munitions Debris Areas                                                                                                                                                                                                                                     |
| AoPI 5             | AoPI 5                                                                                                                                                   | Project 12: Gas Chamber and Cantonment AoPIs                                                                                                                                                                                                                           |
| AoPI 8             | AoPI 8                                                                                                                                                   | Project 12: Gas Chamber and Cantonment AoPIs                                                                                                                                                                                                                           |
| AoPI 9E            | AoPI 9E                                                                                                                                                  | Project 12: Gas Chamber and Cantonment AoPIs                                                                                                                                                                                                                           |
| AoPI 9G            | AoPI 9G                                                                                                                                                  | Project 12: Gas Chamber and Cantonment AoPIs                                                                                                                                                                                                                           |
| AoPI 10A           | Rocket Area                                                                                                                                              | Project 03: Munitions Debris Area                                                                                                                                                                                                                                      |
| AoPI 10B           |                                                                                                                                                          |                                                                                                                                                                                                                                                                        |
| AoPI 11B           | Grenade Maneuver Area                                                                                                                                    | Project 09: Grenade Maneuver Area                                                                                                                                                                                                                                      |
| AoPI 11C           | Practice Grenade Area                                                                                                                                    | Project 03: Munitions Debris Area                                                                                                                                                                                                                                      |
| AoPI 11D           | Mortar/Rifle Grenade Area                                                                                                                                | Project 03: Munitions Debris Area                                                                                                                                                                                                                                      |

### Remedial Alternative Definitions:

**Land Use Controls (Alternative 2):** This remedy includes site controls (e.g., signage) and educational materials developed to enhance the communities general understanding of site conditions. This alternative also includes a Long-term Monitoring (LTM) component, which means that the site will be evaluated every five years to determine the protectiveness of this remedy.

**Digital Advanced Classification Surface and Subsurface MEC Removal to Support Unlimited Use/Unrestricted Exposure (UU/UE) (Alternative 4):** This remedy involves the removal of MEC items visible on the ground surface and use of digital geophysical mapping and advanced classification to identify subsurface MEC items, and conduct a removal action. With this advanced technology, it is anticipated that the completion of the MEC removal would reduce the MEC hazard to a level to support UU/UE of the area. As such, LUCS and long-term monitoring would not be required.

## Decision Document Determination

| Decision Document<br>Delineation                                                                                                               | Remedial Alternative                                          | Estimated Cost<br>(+50 to -30% of actual cost) |
|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|------------------------------------------------|
| <i>Project 03</i> <i>Munitions Debris Area</i><br>(269 acres of mixed use: residential,<br>commercial, golf course)                            | Land Use Controls<br>Long-term Monitoring                     | \$122,975<br><u>\$243,191</u><br>\$366,196     |
| <i>Project 05</i> <i>Range Complex Remaining Lands</i><br>(9,093 acres of mixed use: residential,<br>commercial, Croft State Natural Area)     | Land Use Controls<br>Long-term Monitoring                     | \$566,206<br><u>\$243,191</u><br>\$809,397     |
| <i>Project 06</i> <i>Rocket and Grenade Area</i><br>(109 acres of residential properties)                                                      | Removal Action to depth of 2ft                                | \$722,896                                      |
| <i>Project 07</i> <i>Maneuver Area/Croft State Park</i><br>(1,277 acres in Croft State Natural Area)                                           | Removal Action to depth of 1ft                                | \$8,504,856                                    |
| <i>Project 08</i> <i>60/81mm Mortar Area</i><br>(301 acres of mixed use: residential and<br>Croft State Natural Area)                          | Removal Action to depth of 2ft                                | \$2,007,453                                    |
| <i>Project 09</i> <i>Grenade Maneuver Area</i><br>(451 acres of mixed use: residential and<br>Croft State Natural Area)                        | Removal Action to depth of 2ft                                | \$3,001,518                                    |
| <i>Project 10</i> <i>105mm Area</i><br>(1,400 acres of mixed use: residential and<br>Croft State Natural Area)                                 | Removal Action to depth of 2ft                                | \$9,325,693                                    |
| <i>Project 11</i> <i>60mm Mortar Area</i><br>(303 acres of mixed use: residential and<br>Croft State Natural Area)                             | Removal Action to depth of 2ft                                | \$2,021,444                                    |
| <i>Project 12</i> <i>Gas Chamber and Cantonment AoPIs</i><br>(67 acres of mixed use: residential,<br>commercial, and Croft State Natural Area) | No Action                                                     | \$0                                            |
| <i>Project 13</i> <i>Grenade Court</i><br>(25 acres)                                                                                           | Not addressed in the Feasibility<br>Study (no Right-of-Entry) | N/A                                            |