

## **MEETING MINUTES**

**January 24, 2008**

**Project: Former Camp Butner Restoration Advisory Board**

**Date: January 24, 2008, 6:30 – 7:50 p.m.**

**Place: Butner Town Operations Building**

**Butner, North Carolina**

**Attendees:** Sam Colella, USACE Wilmington (Co-Chair, Government Representative); Richard Veazey, Granville County Resident (Co-Chair); Barry Baker, Granville County Senior Planner; Art Shacter, NCDENR; Doug Logan, Granville County Emergency Management; Scott Strickland, Butner Public Safety; Linda Starks, EPA; Hope Taylor-Guevara, Clean Water for NC and Resident; (Raymond Livermore, USACE Wilmington; Robert Nore, USA Environmental.)

**Prepared by:** Robert Nore

**Topic:** RAB Meeting 13

### **INTRODUCTION**

At 6:30 p.m. Co-Chairman Richard Veazey called the meeting to order. Minutes from the October 25 meeting were approved and Mr. Veazey indicated the responses to Mr. Veazey's email dated January 8, 2008.

Mr. Veazey asked the RAB participants to introduce themselves to the audience of approximately 12 persons, and briefly went over the Agenda.

### **FUTURE WORK DISCUSSION**

Mr. Livermore reported that USACE Wilmington had been contacted by a consultant for the North Carolina Consortium for the National Bio and Agro Defense Facility (Department of Homeland Security) in May 2007, which was considering two sites as candidates for construction of a facility within the boundaries of the former Camp Butner. He said that USACE had examined the potential locations and determined that no MEC had been discovered in the area during the EE/CA. Historical documentation indicating a possible hand grenade range was investigated during the EE/CA, but the results indicated no MEC or ordnance scrap items were discovered supporting the fact that no evidence has been found to show that a grenade range existed at that location. Mr. Livermore

stated the hand grenade range was not located within the boundaries of either site under consideration by Department of Homeland Security.

Mr. Livermore pointed out the potential location of the sites on several maps, including a map that showed locations of the EE/CA grids. He addressed several questions from the audience regarding potential for MEC. He explained that only one piece of Munitions Debris had been found in the vicinity of the sites, and thought that it had been the base of a practice mine. When asked if the Corps would do any further investigation of these sites before any construction took place, Mr. Livermore explained that the results of the EE/CA investigation (no MEC present) and historical information indicate conducting further investigation at this time is not warranted. When asked what would happen if MEC was found during construction, the immediate procedure is to call local law enforcement. If conditions warranted, the Corps would have to reassess the risk at the site, including possibly obtaining additional funds to clean up any immediate problems, and seek funds for further investigations. But he explained that the current priority is to apply available funding to the clearance of the 2-acre lots around the existing residences in range complex areas that have been identified as having a risk of ordnance. There are approximately 225 residences slated for clearance.

Mr. Livermore then reviewed the overall progress in the removal action to date, and the actions that have yet to be completed this year. He said they were busy obtaining rights of entry for the various properties and gave the status of that effort. (See Attachment 1).

### **WORK UPDATE**

Robert (Bob) Nore, Project Manager with USA Environmental gave a slide presentation of the work accomplished at Areas 4B and 4C (See Attachment 2). He showed photos of some of the ordnance found during the clearance and explained some of the procedures used to locate and to detonate the ordnance.

Mr. Veazey noted that the residents are very pleased with the cleanup work that is being done. He said that, while the USA teams were working in Area 4B, one of the residents of the homes cleared in 4C brought a hot meal to them as a show of gratitude. Another resident who lives at G Street in Butner thanked USACE for the cleanup at that site (Flamethrower Range 1A). A round of applause followed.

### **RAB MEETING TIME AND LOCATION**

Mr. Veazey asked for input from the RAB members regarding the meeting dates and times. This was brought about due to the light RAB member attendance at the previous two meetings. There was general agreement among the members that the current dates and times were appropriate (Fourth Thursday at 6:30 PM)

Mr. Veazey then indicated that the RAB could no longer meet at the Butner Town Operations Building. He said that Doug Logan had offered up the possibility of meeting at his office (Emergency Management). Mr. Logan said the location was set up for

audiovisual briefings. Several other places were mentioned as possible meeting locations: the Community College, the Water and Sewer Authority building on C Street, and local schools. Mr. Logan said that he would check on availability of his facility for the next meeting.

### **UXO SIGN UPDATE**

Mr. Livermore reported that Bob Keistler was working with the contract, but didn't know exactly what the status was. Sam Colella stated that he would check and get an email out with status.

### **SCHOOL PROGRAM UPDATE**

Doug Logan said there was nothing new on school programs. Mr. Veazey stated that the Land Use authority was very interested in how the school awareness program had been executed, and wants to know more about how the RAB informed or trained them.

### **ORDNANCE DISCOVERY UPDATE**

Mr. Strickland and Logan said there had been no reported discoveries since the last RAB.

### **RECORDING SECRETARY**

Mr. Nore made an appeal to the RAB and to the audience that, if they knew of any local person with court reporter or good secretarial skills, to please give him their name so he can talk to them about recording the minutes of the RAB meetings.

### **PUBLIC QUESTIONS**

Ms. Taylor-Guevara asked about future investigations specifically in regards to new developments. Mr. Livermore responded that the current non-time critical removal actions (NTCRAs) being conducted as recommended by the EE/CA include 225 dwellings within the range complex area. Once these NTCRAs are completed, a RI will be conducted. Because of the limited funding for the FUDS program, no additional work is anticipated until the NTCRAs are completed.

A member of the audience asked how good the historical record of the site was. Mr. Livermore explained that Rock Island District made extensive searches of nationwide databases to locate information on the former Camp Butner. He added that as part of Rock Islands archives search they also talked to former workers and residents to gather as much information about use of ordnance at Camp Butner as they could. This documentation is on the USACE website along with the EE/CA and RAB meeting minutes.

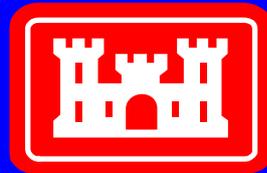
### **CLOSING/ACTION ITEMS**

At 7:50 p.m., the motion to adjourn was unanimously carried.

Restoration Advisory Board Meeting  
for the  
Former Camp Butner, North Carolina

January 24, 2007

U.S. Army Corps of Engineers,  
Wilmington District



# Work Update/Contract Status

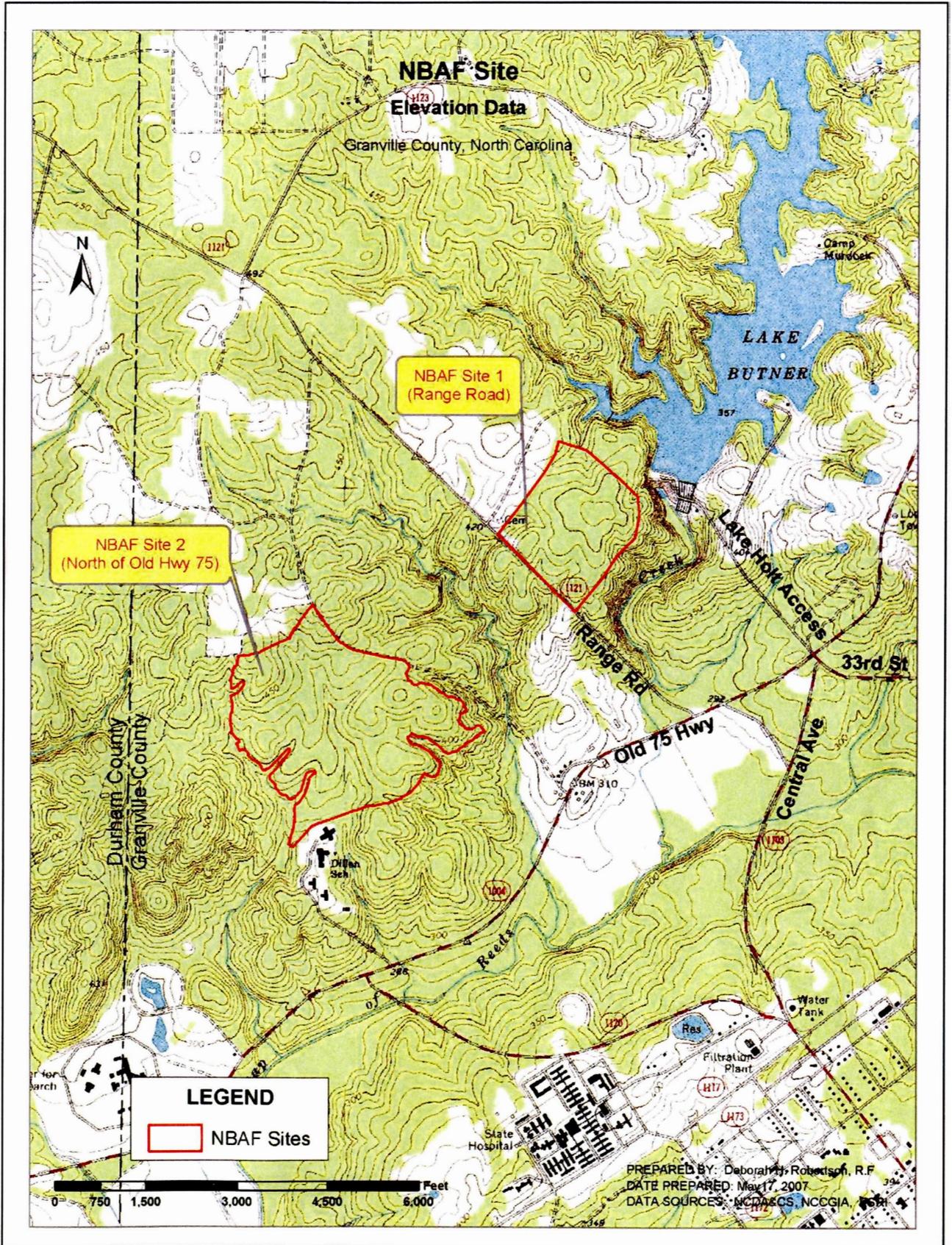
| AREA  | CONTRACT STATUS | SCHEDULE/STATUS           |
|---|-----------------|---------------------------|
| Area 1A   | Complete        | Complete Feb 2006         |
| Lakeview  | Complete        | Complete Oct 2006         |
| Area 4A   | Complete        | Complete Jan 2007         |
| Area 4D   | Complete        | Complete April 2007       |
| Area 4C   | Awarded         | One Property<br>Remaining |
| Area 4B   | Complete        | Complete Dec 2007         |
| Area 4E   | Awarded         | Waiting for ROEs          |
| Area 4 Range Complex 1,<br>Unit 1 (10 Residences) | Awarded         | FY2008                    |
| Area 4 Range Complex 2,<br>Unit 1 (15 Residences) | Awarded         | FY2008                    |
| Area 4 Range Complex 1<br>Unit 2 (10 Residences)  | Awarded         | FY2008                    |

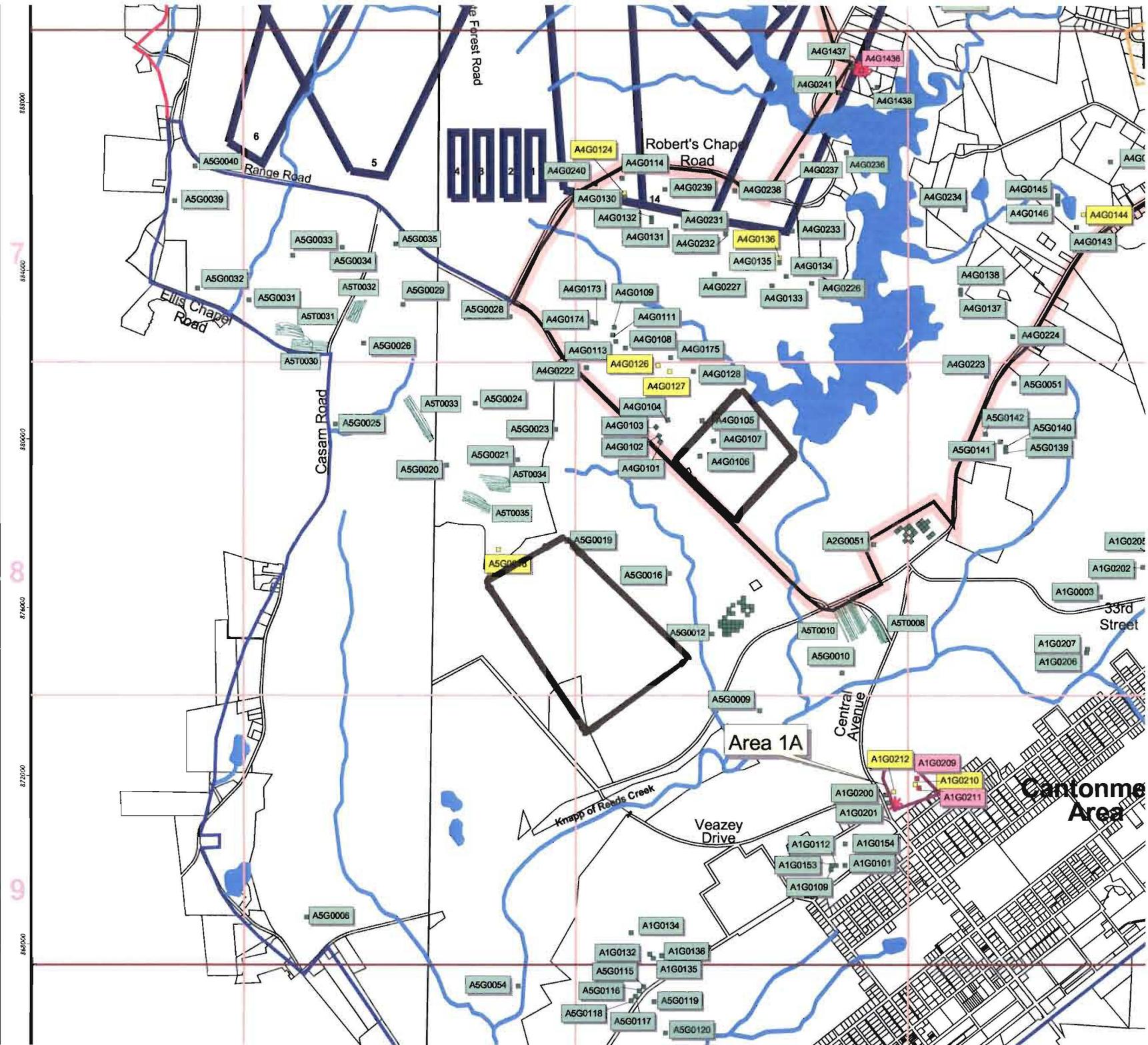
# Future Work Update

- One property (hunting lodge) remains to be completed in Area 4C.
- Area 4, Range Complex 2, Unit 1 (15 residences) – currently 13 right-of-entries (ROEs) obtained.
- Area 4, Range Complex 1, Unit 1 (10 residences) – currently 5 ROEs obtained.
- Area 4, Range Complex 1, Unit 2 (10 residences) – 3 ROEs obtained.

# Questions







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88000

7  
8  
9

the Forest Road

Range Road

Ellis Chapel Road

Casam Road

Robert's Chapel Road

Knapp of Roberts Creek

Veazey Drive

Central Avenue

33rd Street

Area 1A

Cantonment Area

6

5

4 3 2

A4G0124

A4G0114

A4G0240

A4G0239

A4G0238

A4G0237

A4G0236

A4G0234

A4G0145

A4G0146

A4G0144

A4G0143

A5G0040

A5G0039

A5G0033

A5G0035

A5G0034

A5G0029

A5G0028

A4G0173

A4G0109

A4G0227

A4G0133

A4G0226

A4G0138

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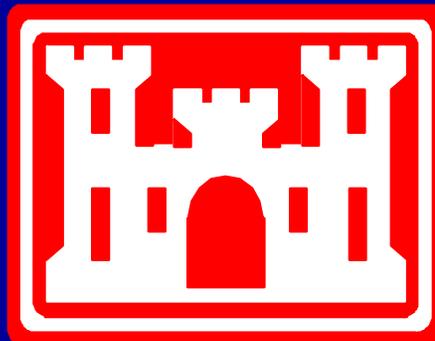
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# Camp Butner Removal Action



24 January 2008

USA Environmental, Inc.

# Work Completed

- Site Visit Aug 05
- Work Plan Dec 15, 05
- Area 1A Completed Feb 17, 06
- Lakeview Sub. Compl. Oct 11, 06
- Area 4A Completed Jan 30, 07
- Area 4D Completed Apr 05, 07
- Area 4B Completed Dec 19, 07
- Area 4C 90% Complete Nov 28, 07

# Definitions

- MEC – Munitions & Explosives of Concern
  - UXO – Unexploded Ordnance
  - DMM – Discarded Military Munitions
  - MC – Munitions Constituents
- MD – Munitions Debris
- HE – High Explosive

# Removal Procedures

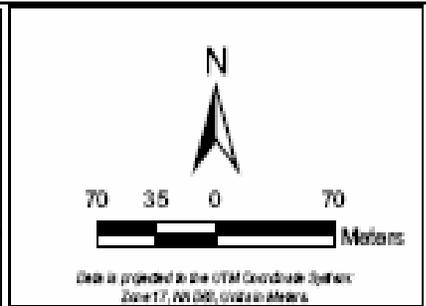
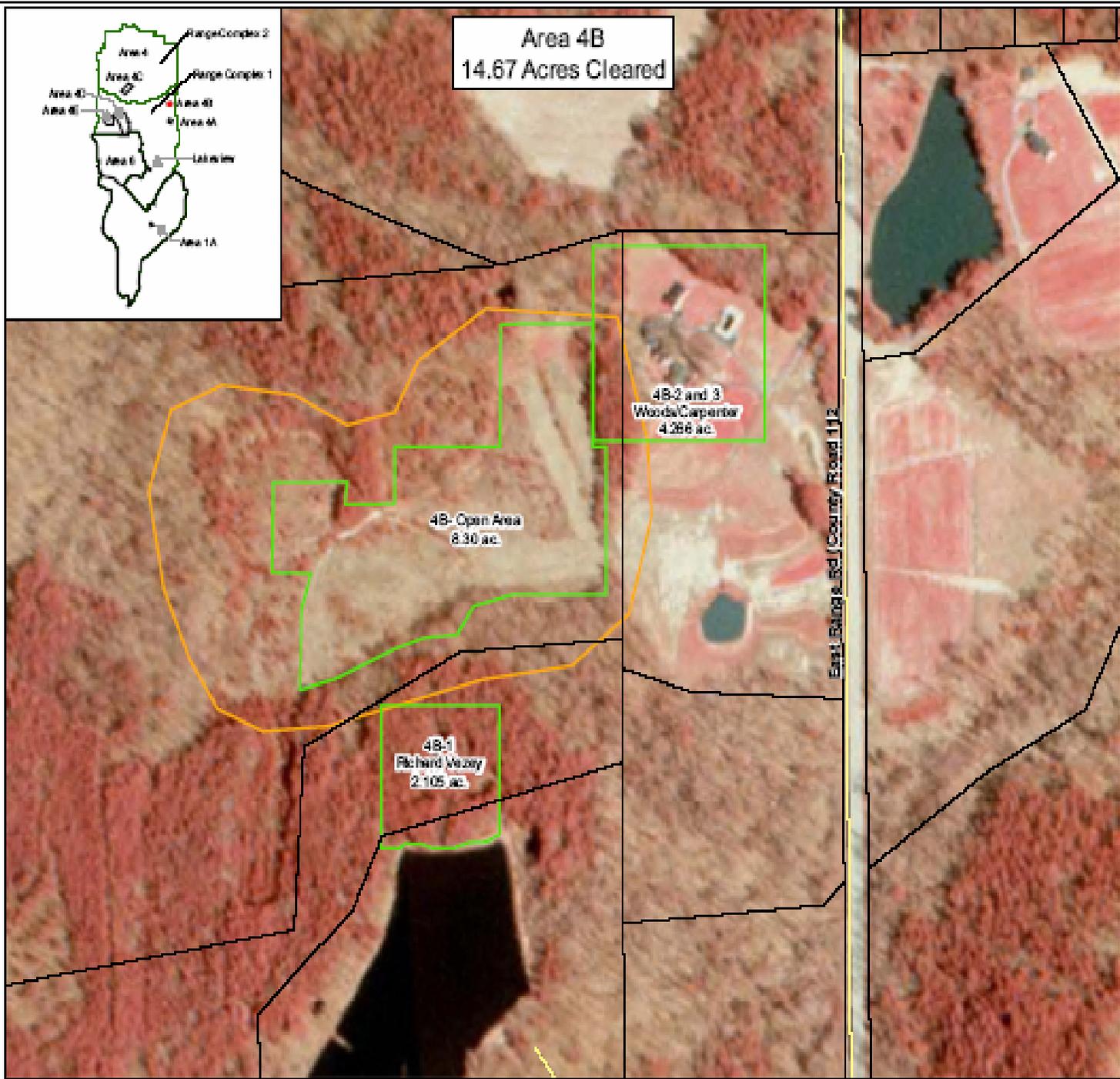
- Measure 2-acre envelope around residences
- Lay out grids and lanes
- Clear vegetation and surface clutter
- Mag/dig
- Dispose of MEC/MD

# Clearance Results – Area 4B

- Cleared 3 residences (6 acres) and 8 acres open area
- Evacuations – 3 - MSD reduced 809' > 200'
- 11,480 digs
- UXO items - 28
  - 60mm mortar, HE (1)
  - 2.36" rockets, HE (26)
  - 2.36" rocket warhead, HE (1)

# Result Area 4B- Continued

- MEC items – 20
  - 2.36" rocket warheads (12)
  - 2.36" rocket fuzes (8)
- Munitions Debris – 750 lbs
  - 2.36" fragmentation
  - 60mm mortar fins



**Figure B-5**  
**Area 4B Site Map**  
**Former Camp Butner, NC**

**Legend**

- Roads
- Land Parcels
- Area 4B Clearance Areas
- Area 4B Boundary

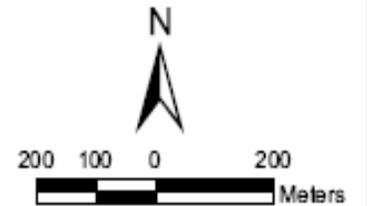
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|--|-----|--|-----------|
| <b>USA</b><br><b>Environmental, Inc.</b> |     | US Army Engineering<br>And Support Center        |           |
| Drawn By:                                | JAL | Scale:   | 1" = 120m |
| Checked By:                              | GS  | Date Drawn:                                      | 8-10-2005 |
| Submitted By:                            |     | Plot Date:                                       | 8-10-2005 |
|  |     | Path:<br>c:\projects\butner\Area 4B Site Map.mxd |           |
|  |     |  |           |

# Area 4C - Status

- Area 4C – 8 Dwellings
- Cleared 7 residences
- Evacuations – 47
- MSD – reduced 2577' > 395'
- Hunting lodge left to complete

# Area 4C – Clearance Results

- UXO items - 6
  - 155mm HE projectile (Skinner property)
  - 155mm HE projectile (Colclough)
  - 81mm HE mortar (Colclough)
  - 105mm HE projectile (Forsythe)
  - 37mm HE projectile (Forsythe)
  - 60mm HE mortar (Sides)
- MEC items - 1
  - 2.36" practice rocket (Dixon)
- DMM items – 1
  - MK2 hand grenade w/safety pin (Dixon)
- Hunting lodge remains



Data is projected to the UTM Coordinate System  
Zone 17, NAD83, Units in Meters.

## Area 4C MSD

### 4C-2

**Former Camp Butner, NC**

#### Legend

- Houses in Close Proximity
- Roads
- Land Parcels
- 2577 155 MSD
- Area 4C Clearance Areas
- Area 4C Boundary

|  |                      |   |  |
|--|----------------------|---|--|
| <b>USA</b>   |                      | <b>US Army Engineering<br/>And Support Center</b> |  |
| <b>Environmental, Inc.</b>                           |                      |   |  |
| Drawn By: JAL  | Scale: 1" = 200m     | Rev:  |  |
| Checked By: GS                                       | Date Drawn: 4-9-2007 |   |  |
| Submitted By:  | Revision Date:       |   |  |
| Path:<br>c:\projects\butner\<br>Area 4C Site Map.mxd |                      |   |  |

# 105mm HE Projectile



# 105mm remote pull



# 155mm projectile (Colclough)



# 155mm HE Demolition Setup





# Mk II Hand Grenade, HE



# 81mm mortar (Colclough)





# 81mm Partial Detonation



# Next Phase

- Area 4C – 1 Dwelling
- Area 4E – 3 Dwellings
- Area 4 Remaining Lands – 25 Dwellings