

# Meeting Minutes

April 28, 2011

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

**Date:** April 28 2011, 6:30 – 8:00 pm

**Place:** Soldier's Memorial Sports Arena  
24<sup>th</sup> and D Street  
Butner, NC 27509

## Attendees:

**RAB Members:** Art Shacter (State Representative), North Carolina Department of Environment and Natural Resources (NCDENR); Vicky Cates, Town of Butner (Co-Chair, Community Representative); Barry Baker, Granville County Planning; Scott Strickland, Butner Public Safety; Doug Logan, Granville County EM.

**Other Attendees:** Raymond Livermore, USACE Wilmington; Marti Morgan, NCDENR; Richard Veazey, Citizen of Granville County; Herb Nelson, Environmental Security Technology Certification Program (ESTCP); Harry Coleman, Butner-Creedmoor News; (see Attachment 1) for attendance roster.

**Prepared By:** Raymond Livermore

**Topic:** RAB Meeting 17

## Introduction

Minutes from the October 28, 2010 meeting were approved.

## Work Update

Ray Livermore, USACE briefed the RAB on removal action work conducted since the previous RAB meeting in October 2010 (see Attachment 2). The work procedures and results for summarized. Recovered Munitions and Explosives of Concern (MEC) items during this period included one item (MK II High Explosive hand grenade) discovered at Area 4C. Board members were briefed that the removal action activities recommended by the Engineering Evaluation/Cost Analysis (EE/CA) were completed in December 2010. Ray indicated the institutional controls recommended by the EE/CA have been implemented and include:

- Establishment of the RAB
- Public education (DVD, brochures, activity workbook, building permit notification, and UXO information sign installation)

With the exception of three residences at Area 4E (property owners refused to sign right of entry forms), all EE/CA recommended clearance activities have been completed. Figures were shown illustrating the property/land which clearance activities were conducted and where MEC items were discovered. Art Shacter stated there were several property owners who wanted their property cleared. However, due to the refusal of adjacent property owners to evacuate or cooperate with clearance of these properties could not be accomplished. Further discussion regarding this issue concluded that it would be beneficial to provide the activity workbook created for public education to these property owners who have children. Past distribution of these activity workbooks within the local schools program was discussed. Doug Logan indicated the RAB members had provided this information to the schools, which agreed to reproduce the workbooks on an as needed basis. Finally, removal action statistics were provided during the update and Ray discussed the next phase of work for Camp Butner, which is the Remedial Investigation and Feasibility Study (RI/FS). Ray stated the Corps is currently working on developing the Scope of Work (SOW) for the RI/FS and is hoping to award the RI/FS contract in August 2011. Ray indicated funding constraints may require the RI/FS to be funded and completed in areas of approximately 5,000 acres in order to address funding limitations. Discussion took place on which property would be most likely to sign the ROE for the RI/FS and it was concluded Ray would provide the map he is working on for the Corps RI/FS planning to the RAB to solicit their feedback.

### **Environmental Security Technology Certification Program (ESTCP)**

Herb Nelson gave a briefing of the classification pilot study conducted by ESTCP (see Attachment 3). The briefing stressed that three quarters of the funding executed for unexploded ordnance (UXO) cleanup activities is spent in excavation of non-hazardous scrap. The objective of the pilot study was to continue evaluation of classification process to efficiently determine hazardous from non-hazardous items prior to excavation. Two sensors, Metal Mapper and TEMTADS, were used for the pilot study to produce data which was used for the classification exercise. Funding limitations and the number of anomalies identified during the initial study required the reduction of the study area from 10 to 4.5 acres. The study area was seeded with inert munitions items in order to develop a reasonable confidence level in the classification process. Herb discussed the difficulty in differentiating UXO and non-hazardous items and illustrated this fact with several pictures of UXO and non-hazardous items excavated during the study. Herb showed a table which illustrated how the anomalies were ranked and placed into categories which classified whether the items were considered UXO or non-hazardous items prior to excavation. Herb discussed the receiver operator characteristic (ROC) curve and stressed the goal for the curve is to go straight up for UXO prediction, which indicates the analysts were accurate in their determination of whether the anomaly was UXO or non-hazardous. The results for one of the developers of the classification method was nearly perfect with the TEMTADS data as the analysts correctly predicted approximately 90% debris. The other analysts were not as efficient but did identify half of the debris and all of the UXO. The goal of the next demonstration is to train the production analysts to become more efficient in the classification process using these new sensors.

## **Ordnance Discovery Update**

No new ordnance was discovered since the last RAB meeting.

## **Public Questions**

Questions from the public were addressed during the work update.

## **Closing/Action Items**

Ray indicated there may not be any field work or activity to report by the next regular scheduled RAB Meeting in October 2011. It was concluded Ray would provide an update in October 2011. In addition, the next RAB meeting would be tentatively scheduled in January 2012 based on feedback from the RAB on updates provided by Ray.

Ray will provide a PDF of the activity workbook and a list of property owners who wanted their property cleared (but did not due to neighbor refusal) to Vicky Cates to distribute as needed.

Ray will provide the working figure for potential areas for the RI/FS to the RAB for feedback.

Doug Logan will check on the local schools which were provided the public education materials.

At 8:00 p.m., Ms. Cates moved to adjourn and her motion was carried unanimously.

**ATTACHMENT 1**

**ATTACHMENT 2**

**ATTACHMENT 3**