

**FINAL COMMUNITY RELATIONS PLAN
REMEDIAL INVESTIGATION/FEASIBILITY STUDY AT THE
MILITARY MUNITIONS RESPONSE SITES
FORMER CAMP BUTNER
GRANVILLE, PERSON, AND DURHAM COUNTIES, NORTH
CAROLINA**

FUDS Project No. I04NC000902

Prepared for



**U.S. Army Corps of Engineers
U.S. Army Engineering and Support Center
Huntsville, Alabama**

and

**U.S. Army Corps of Engineers
Wilmington District**

**Contract No. W912DY-10-D-0023
Delivery Order No. 0009**

August 2012

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U.S. Army Engineering and Support Center
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ACRONYMS AND ABBREVIATIONS

| | |
|--------|---|
| ASR | Archives Search Report |
| CA | cost analysis |
| CERCLA | Comprehensive Environmental Response, Compensation, and Liability Act |
| CRP | Community Relations Plan |
| DERP | Defense Environmental Restoration Program |
| DGM | digital geophysical mapping |
| DoD | U.S. Department of Defense |
| EE | engineering evaluation |
| FDE | findings and determination of eligibility |
| FS | Feasibility Study |
| FUDS | Formerly Used Defense Site |
| HE | high explosive |
| INPR | Inventory Project Report |
| MC | munitions constituents |
| MD | munitions debris |
| MEC | munitions and explosives of concern |
| MMRP | Military Munitions Response Program |
| MRS | munitions response site |
| PA | Preliminary Assessment |
| PAO | public affairs office |
| POC | point of contact |
| RAB | Restoration Advisory Board |
| RAC | risk assessment code |
| RI | Remedial Investigation |
| SARA | Superfund Amendments and Reauthorization Act |
| SI | Site Inspection |
| TCRA | time-critical removal action |
| TPP | technical project planning |
| USACE | U.S. Army Corps of Engineers |
| USFWS | U.S. Fish and Wildlife Service |
| UXO | unexploded ordnance |

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1.0 INTRODUCTION

The U.S. Army Corps of Engineers (USACE) developed this Community Relations Plan (CRP) to encourage two-way communication between USACE and the community surrounding the former Camp Butner located in Granville, Person, and Durham Counties, North Carolina. USACE is involved at the former Camp Butner because the camp is a formerly used defense site (FUDS) that requires environmental restoration.

1.1 OVERVIEW OF COMMUNITY RELATIONS PLAN

This CRP was specifically developed for the Remedial Investigation (RI)/Feasibility Study (FS) of the munitions response sites (MRS) at the former Camp Butner. The MRSs associated with this project are discrete locations known to require further investigation to address explosives safety, human health, and environmental risks presented by munitions hazards. USACE has and will continue to execute the public involvement activities outlined in this plan to ensure that stakeholders are provided with information essential to their understanding of USACE activities, and are given the opportunity to provide input during the decision-making process regarding future USACE activities at the former Camp Butner. USACE has completed the following activities as part of its public outreach effort associated with the RI/FS:

- Held a public meeting and Restoration Advisory Board (RAB) meeting in April 2012;
- Prepared a fact sheet;
- Conducted a technical project planning (TPP) meeting in December 2011;
- Interviewed local officials and community representatives from February 20 through March 2, 2012; and
- Developed this CRP.

1.2 PURPOSE

The purpose of this CRP is to document community concerns associated with the former Camp Butner through community interviews and previous USACE involvement at the site, and develop a plan to address these concerns, manage expectations related to current activities at the site, and foster open communication between USACE and the community. Additionally, this CRP aims to encourage community involvement in current and future site-related restoration activities.

Before developing this CRP, USACE contractors interviewed federal, state, and local officials, public safety agencies, and area residents to assess community interest and level of concern related to the site. Most individuals interviewed were aware of the historical Camp Butner and the potential hazards that may exist at the area. In addition, most individuals interviewed had a general understanding of the military munitions and possible unexploded ordnance (UXO) at the site. Based on the results of the interviews, the following CRP goals and objectives have been established:

- Provide for the exchange of information regarding proposed project activities;
- Solicit comments from stakeholders, including: property owners; public, elected, and civic leaders; safety agencies; and community representatives;
- Provide a centralized point of contact (POC) for the public and the media to express concerns;
- Facilitate USACE and public interaction by improving outreach to and communication with stakeholders;
- Provide timely notification of planned and ongoing activities to stakeholders, safety personnel, state and federal regulatory agencies, and other interested parties; and
- Provide a forum to facilitate community involvement through media communication and public meetings.

Activities outlined in this plan will be implemented by USACE to ensure that stakeholders are continuously informed about project activities and opportunities for public involvement. USACE will continue to update its community outreach materials as warranted by developments or future investigations.

1.3 DOCUMENT ORGANIZATION

This CRP was prepared to provide a clear statement of goals and objectives to guide USACE public involvement activities. Section 2.0 presents a history of the former Camp Butner, information about land use, an overview of the regulatory process, and previous investigations at the former Camp Butner. Section 3.0 presents an overview of the community and its concerns about the site. Section 4.0 discusses the specific USACE activities that have been conducted at the former Camp Butner and plans for supplemental activities. Appendices provided in this CRP include the following:

- Appendix A – Information Repository Identification and Location
- Appendix B – Contact List – Community Leaders and Interested Parties
- Appendix C – Summary of Interview Responses
- Appendix D – Media Resources
- Appendix E – Proposed Meeting Locations
- Appendix F – Public Notice
- Appendix G – Fact Sheet

The USACE, Wilmington District is responsible for implementing the public involvement program at the former Camp Butner. Contact information for the USACE, Wilmington District project manager and public affairs officer is listed below:

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2.0 SITE DESCRIPTION

This section provides a brief history of the former Camp Butner including location and land use information. In addition, it addresses the hazardous waste cleanup laws and USACE's previous investigation activities at the camp.

2.1 LOCATION AND PHYSICAL DESCRIPTION

The former Camp Butner is located 15 miles north of Durham, North Carolina, and consists of approximately 40,384 acres in Granville, Person, and Durham Counties. The majority of the land is used for agricultural purposes, but also includes limited residential development (Parsons, 2004). A site location map is provided as Figure 2.1.

The RI/FS is focused on the following five MRSs:

- Army National Guard Property
- Range Complex 1
- Range Complex 2
- Hand Grenade Range
- Flame Thrower Range

The Army National Guard Property is in the west-central portion of the former Camp Butner (Figure 2.2). The land is owned by the state of North Carolina National Guard and is utilized as a training center. The land occupies 4,824 acres of which approximately 50 percent is within Durham County and the remaining 50 percent is within Granville County (HGL, 2012).

Range Complex 1 (12,363 acres) and Range Complex 2 (11,529 acres) are in the northern portion of the former Camp Butner (Figure 2.2). The majority of these areas are now privately owned and used primarily for agriculture. Most tracts of land are greater than 200 acres. A large portion is undeveloped and forested with private residences located throughout the area. Timber harvesting is a common practice across this portion of the former Camp Butner area. Approximately 75 percent of the land is located in Granville County with the remaining in Person County (Parsons, 2004).

The Hand Grenade Range is located on 25 acres in the south-central portion of the former Camp Butner (Figure 2.2). The area is composed of pasture land owned by Umstead Farm, a North Carolina State University dairy research farm (Parsons, 2004).

The Flame Thrower Range encompasses 5 acres in the southeast portion of the former Camp Butner (Figure 2.2). This area is near the town of Butner, North Carolina, and two state hospitals: the John Umstead Hospital, and the Murdock Center (Parsons, 2004).

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Figure 2.1 Site Location

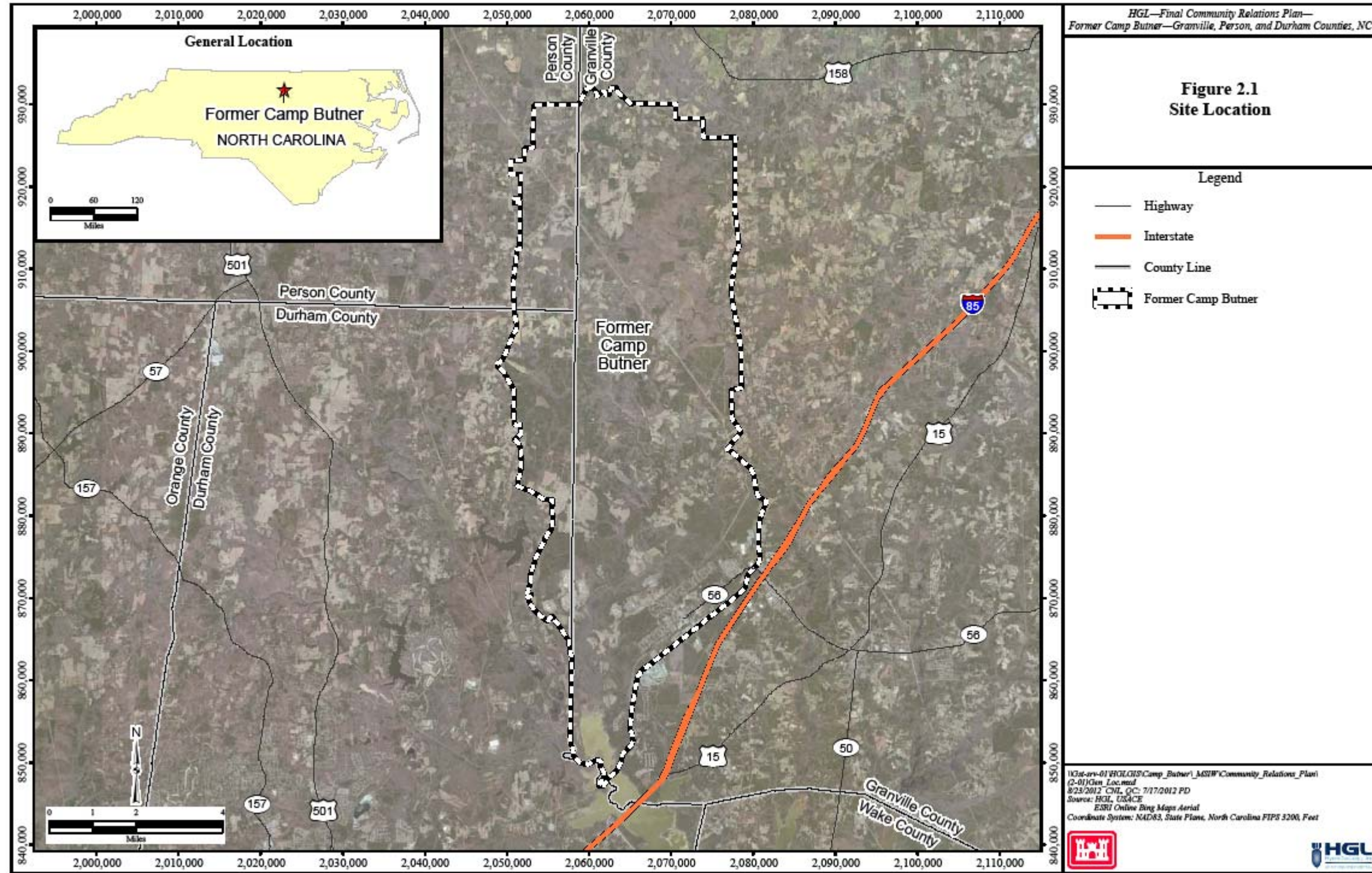
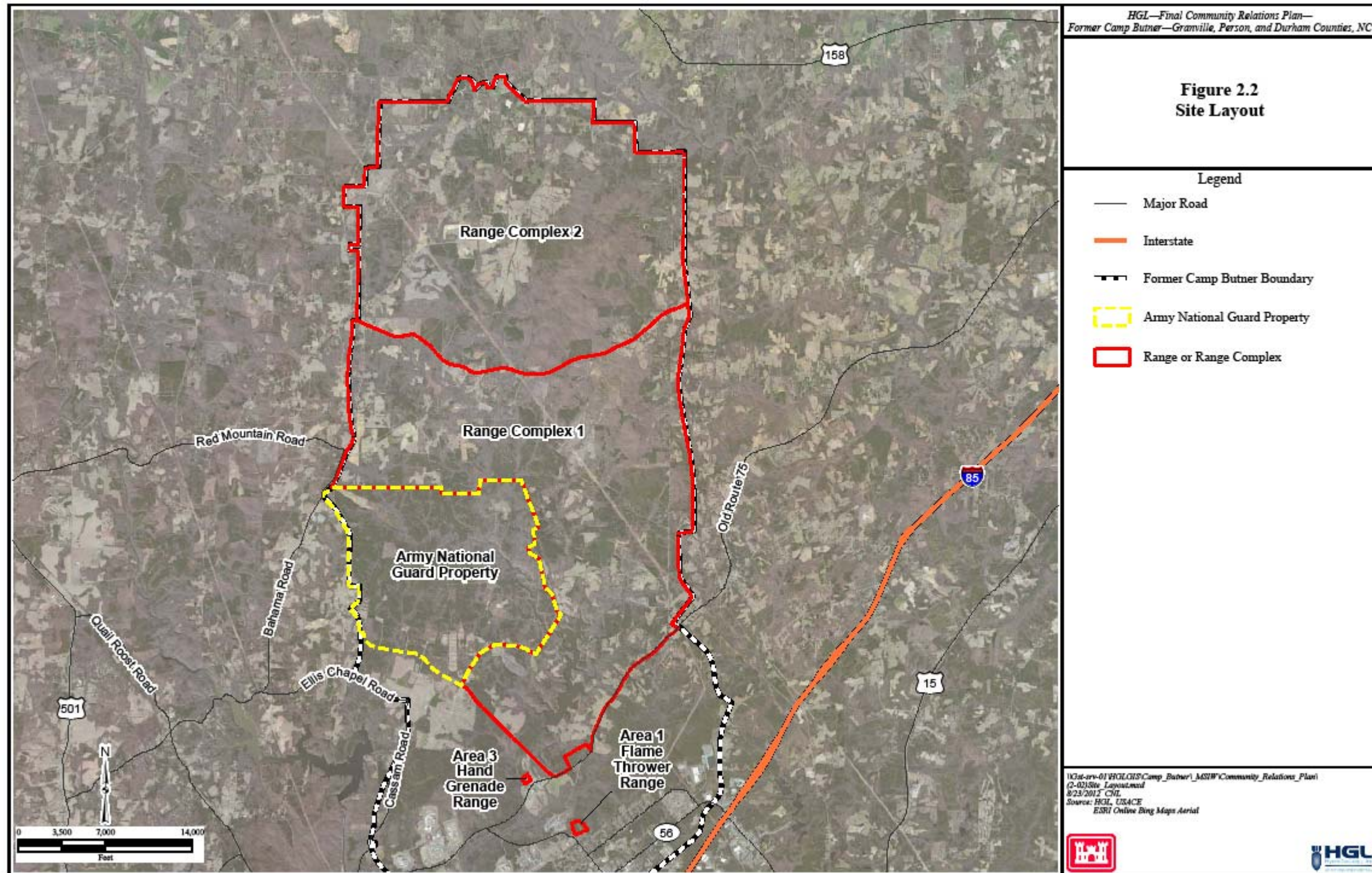


Figure 2.2 Site Layout



U.S. Army Corps of Engineers
2-4

2.2 SITE HISTORY

Camp Butner was established during World War II to train infantry divisions and various artillery and engineer units within the Fourth Services Command, Army Ground Forces. The federal government purchased approximately 40,300 acres on August 4, 1942. When the installation was officially activated, its size grew to 40,384 acres. The installation was an active installation from 1942 until 1946; however, training was only conducted through 1943 (USACE, 2003).

The installation 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. Munitions used at the site included 2.36-inch rockets, rifle and hand grenades, 20mm through 240mm high explosive (HE) projectiles, 60mm and 81mm mortars, and antipersonnel practice mines. Training activities also included the use of demolition items such as trinitrotoluene, more commonly known as TNT, and various initiating and priming materials (USACE, 2003).

Following World War II, the camp was closed, limited ordnance clearances were performed, and the property was conveyed to the Army National Guard, the state of North Carolina, local municipalities, and private owners (USACE, 2003).

The following subsections present a brief summary of site history as well as identified or suspected munitions for each MRS location.

2.2.1 Army National Guard Property History

The Army National Guard portion of Range Complex 1 exists near the center of the site and contained an artillery impact area, two mortar ranges, and several small arms ranges. Munitions found or suspected at the Army National Guard property include small arms, 2.36-inch rockets, rifle grenades, 60mm mortars, 81mm mortars, 37mm projectiles, 105mm projectiles, and 155mm projectiles (USACE, 2003).

2.2.2 Range Complex 1 History

Range Complex 1 (excluding the Army National Guard property) exists near the center of the site and contained an artillery impact area, two mortar ranges, and several small arms ranges. Munitions types identified at this MRS include 2.36-inch rockets, hand grenades, rifle grenades, 37mm projectiles, 40mm projectiles, 57mm projectiles, 105mm projectiles, 155mm projectiles, 60mm mortars, and 81mm mortars (USACE, 2003).

2.2.3 Range Complex 2 History

Range Complex 2 exists on the north side of the site and contained an artillery impact area, a mock village, and two machine gun ranges. The entire complex is currently privately owned. Munitions types identified at this MRS include 2.36-inch rockets, hand grenades, rifle grenades, 37mm projectiles, 40mm projectiles, 57mm projectiles, 105mm projectiles, 155mm projectiles, 60mm mortars, and 81mm mortars (USACE, 2003).

2.2.4 Flame Thrower Range History

This range was used to conduct flame-thrower training during World War II. The layout of the range is unknown. It existed just north of the former cantonment area (USACE, 2003).

2.2.5 Hand Grenade Range History

The Hand Grenade Range is thought to have been used during World War II for live hand grenade training. The boundaries of the range have been estimated based on literature review and historical information on range specifics. There have been no reports of munitions and explosives of concern (MEC) on the range; however, the potential for encountering Mk II hand grenades still exists (Parsons, 2004).

2.3 PAST, CURRENT, AND FUTURE LAND USE

The land that would later comprise Camp Butner was primarily agricultural and low-density residential. When the War Department closed and phased out the camp in 1947, more than 20,000 acres were sold back to the farmers who had original ownership. Another 5,000 acres were transferred to Army National Guard. Approximately 13,000 acres were transferred to the state of North Carolina, and the area became home to a number of state facilities (HGL, 2012).

At present, a large percentage of the land within the former Camp Butner is undeveloped, with the exception of the town of Butner. Current land use includes agriculture, open space, and resident/agriculture (tracts of less than 5 acres). Private land parcels may exceed 200 acres and are primarily used for agriculture or forestry. The current land use for each MRS is provided in Table 2.1 (HGL, 2012).

Table 2.1
Current Land Use

| Munitions Response Site | Land Use |
|--------------------------------|---|
| Army National Guard | Training exercises |
| Range Complex 1 | Mixture of undeveloped land, single-family residences, and recreational use |
| Range Complex 2 | Mixture of undeveloped land, single-family residences, and recreational use |
| Flame Thrower Range | Undeveloped land with limited residential use |
| Hand Grenade Range | Undeveloped land with limited residential use |

Residential development is encroaching in areas to the south and stretching north along the eastern boundary of the former Camp Butner. In addition, the long-range master plan for the town of Butner predicts an additional 1,850 acres of residential land will be developed by 2020 (O'Brien and Atkins Associates, 1998). The majority of residential development in Granville County is expected to take place in the towns of Butner and Creedmoor. As growth and residential development continue throughout the region, land used for agriculture and forestry will consequently diminish.

2.4 HAZARDOUS WASTE SITE CLEANUP LAWS AND REGULATIONS

“Superfund” is the common name for the federal law that governs cleanup of hazardous waste sites. The law was enacted in 1980 as the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and was later amended in 1986 by the Superfund Amendments and Reauthorization Act (SARA). CERCLA is implemented by the National Oil and Hazardous Substances Pollution Contingency Plan.

Superfund legislation provides broad federal authority to respond directly to releases or potential releases of hazardous substances that may endanger public health or the environment. The law also establishes prohibitions and requirements concerning closed and abandoned hazardous waste sites, and provides for the liability of persons and businesses responsible for releases of hazardous substance at those sites. When no responsible party can be identified, cleanup is provided by the U.S. government.

Section 211 of SARA established the Defense Environmental Restoration Program (DERP). This program gives the U.S. Department of Defense (DoD) the authority, responsibility, and funding mechanisms for environmental restoration at active military facilities as well as formerly used military installations. The goal of DERP is to identify, investigate, and clean up contamination from hazardous substances and pollutants, correct environmental damage that creates an imminent and substantial danger to public health or the environment, and remove unsafe buildings and structures. SARA includes procedures for public participation during all phases of response actions and requires the establishment of information repositories.

Under DERP, DoD is responsible for environmental restoration of properties that were formerly owned by, leased to, or otherwise possessed by the United States and under the jurisdiction of the Secretary of Defense. Such properties are known as FUDS. The U.S. Army is the executive agent for the FUDS program, and USACE is the organization that manages and directs administration of the program.

The goals of the FUDS program are to reduce the risk to human health and the environment through the implementation of effective, legally compliant, and cost-effective response actions, and to implement final remedies when the situation warrants. These remedies include the following:

- Detecting, removing, and disposing of ordnance and explosives;
- Identifying, investigating, and cleaning up hazardous, toxic, and radioactive contamination that is a result of DoD’s use of the land; and
- Demolishing and removing unsafe buildings, structures, and debris resulting from past DoD operations.

USACE also is the executing agent for the FUDS Military Munitions Response Program (MMRP), which DoD established in 2001 to address FUDS that have military munitions. MMRP addresses UXO, discarded military munitions, and munitions constituents (MC) located on current and former defense sites. The former Camp Butner is a FUDS that has been identified as potentially having military munitions. The FUDS MMRP investigation follows the CERCLA

remedial process. Specific information related to previous investigations completed for the former Camp Butner MMRP project is summarized in Section 2.5.

CERCLA remedial actions are generally long-term response actions that permanently and significantly reduce the risks associated with releases or threats of releases of hazardous substances. The CERCLA remedial process is described below and illustrated in Figure 2.3.

- **Evaluation:**

- *Preliminary Assessment:* The preliminary assessment (PA) consists of collecting readily available property information and a property visit to determine if potential contamination exists on a property due to former activities.
- *Site Inspection:* The site inspection (SI) is executed when there is information that a potential release has occurred on a property. It involves confirming and supplementing PA information to determine whether there is a need for a remedial or removal response. The SI commonly involves limited environmental investigations that allow USACE to address the relative risk at each site.

- **Investigation:**

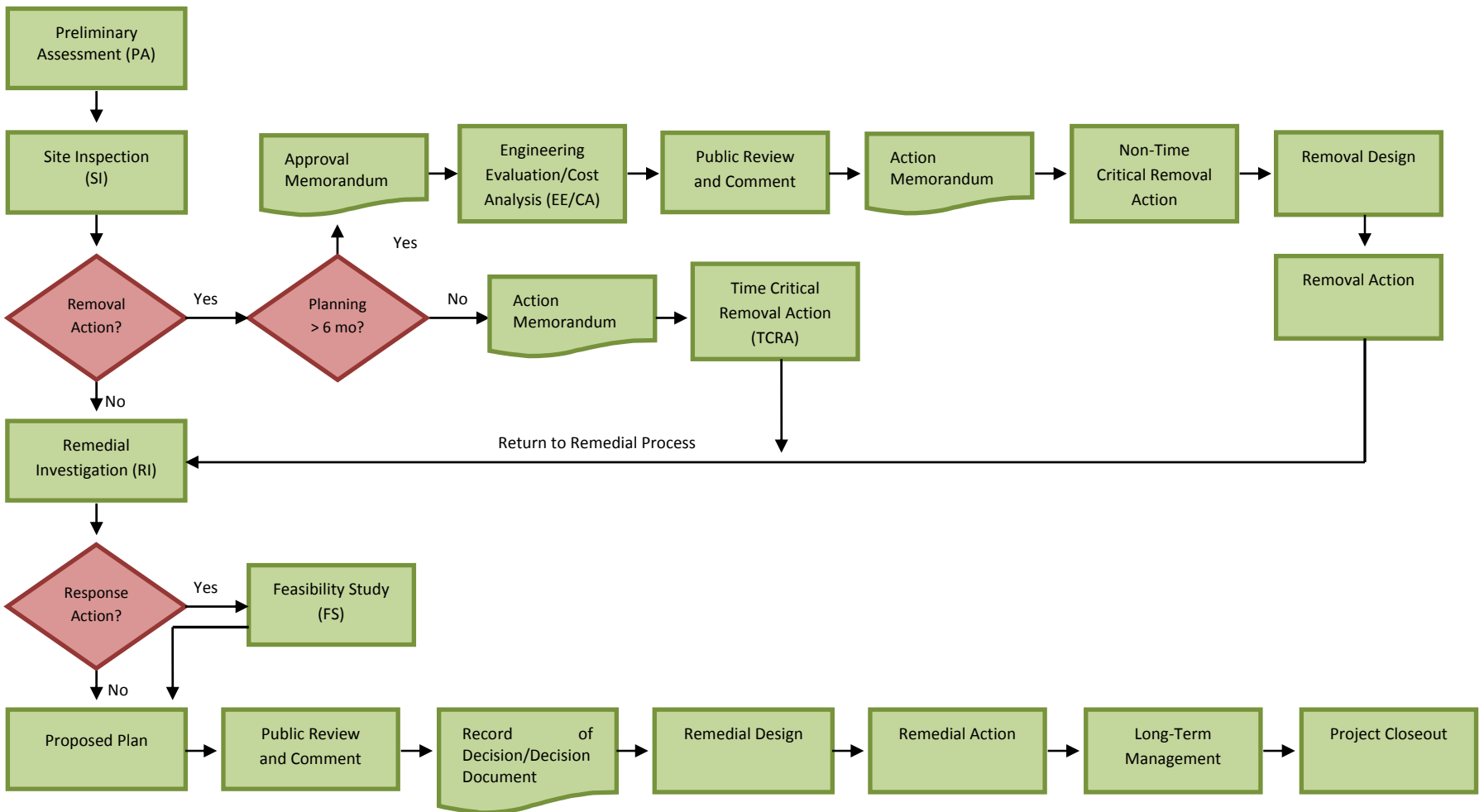
- *Remedial Investigation:* The RI involves collecting field data to characterize the nature and risk posed by environmental concerns identified during the SI. The data is used to assess the extent to which these concerns pose a threat to human health or the environment.
- *Feasibility Study:* The FS develops and evaluates appropriate remedial alternatives and selects a remedy for a site that is subject to further review during the cleanup process.

- **Removal Action:**

- *Interim Removal Actions:* Interim removal actions, before the remedial action, are sometimes needed to eliminate imminent threat to human health, safety or the environment. Removal actions can occur any time throughout the PA, SI, or RI phase of the CERCLA process. Removal actions fall into three categories: Emergency Removal Actions, Time Critical Removal Actions (TCRA), and Non-Time Critical Removal Actions.

- **Decision:**

- *Proposed Plan:* The first step in remedy selection is the preparation of a Proposed Plan, which summarizes the remedial alternatives evaluated in the FS and specifies the preferred cleanup method. The public is offered the opportunity to comment on the Proposed Plan prior to a final decision.
- *Decision Document:* Public comment on the proposed remedy is considered prior to preparing a Record of Decision (for National Priorities List projects) or Decision Document (for non-National Priorities List projects) that specifies the final cleanup remedy.



USACE Engineer Pamphlet 1110-1-18

Figure 2.3 MMRP Process Under CERCLA

- **Remediation:**

- *Remedial Design:* During the Remedial Design, USACE develops engineering, safety, and contract documents for the selected remediation method.
- *Remedial Action:* During the Remedial Action, USACE implements the selected remediation method. The Remedial Action is a long-term action selected for a site.

- **Response Complete:**

- *Long-Term Management:* USACE may provide monitoring or long-term management of the Remedial Action to ensure the Remedial Action is operating to meet its remediation objective and remains protective of human health and the environment.
- *Project Closeout:* Once remediation objectives are met, a closeout decision is made in consultation with the lead regulator. During this process, USACE also provides local officials an opportunity to comment on the closeout decision. A project closeout report documents the closure decision.

2.5 PREVIOUS INVESTIGATIONS

The following section provides an overview of previous investigation and removal action activities conducted at the former Camp Butner.

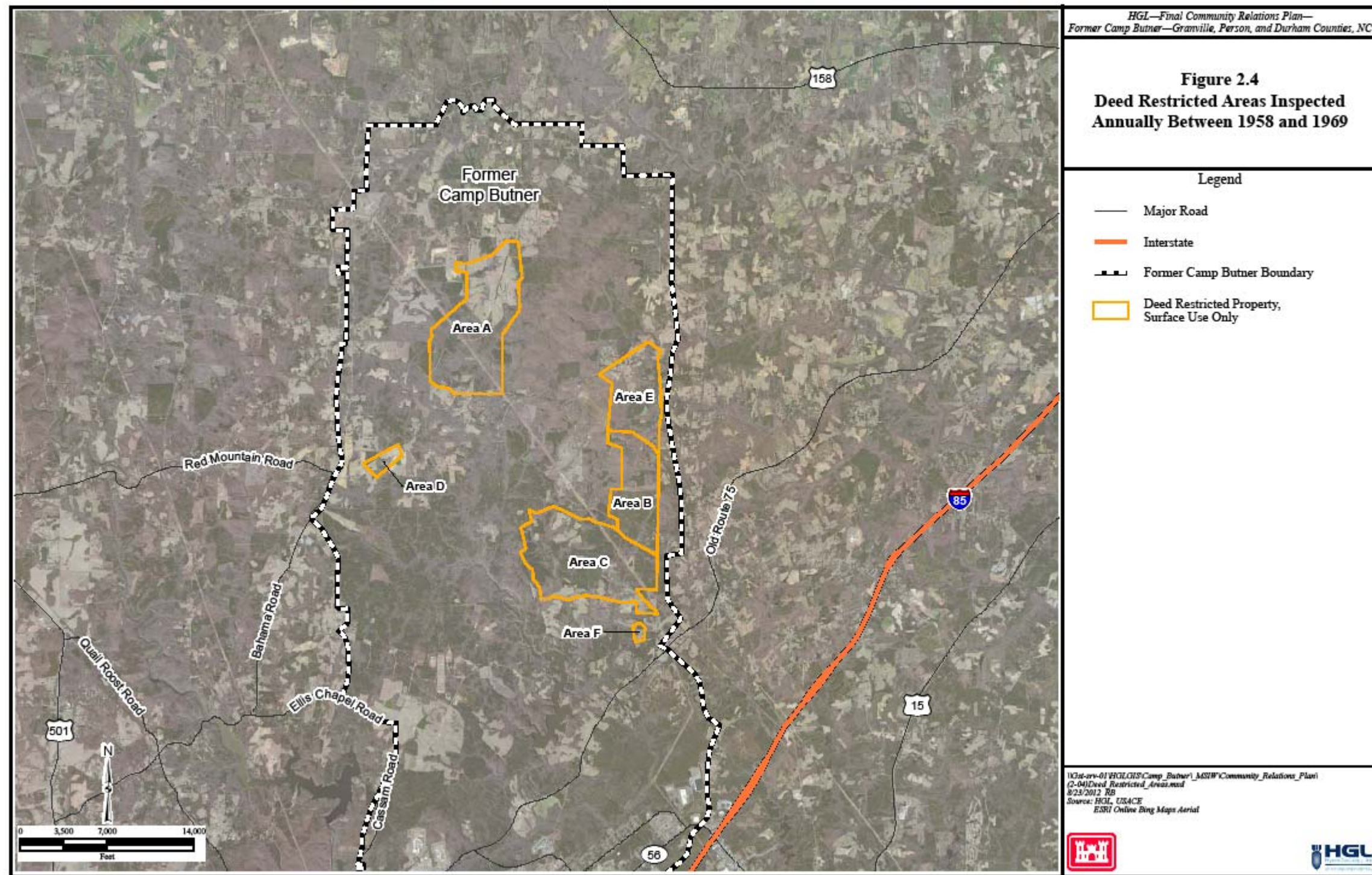
2.5.1 Annual Inspections (“Dedudding”), 1958 to 1969

After Camp Butner was declared surplus, limited clearance operations were conducted from 1947 to 1950. After completion of these operations, it was determined that six areas within MRSs Range Complex 1 and Range Complex 2 required land restrictions for surface use only. The following six areas, identified as A through F, were inspected annually between 1958 and 1969 (Parsons, 2004). Table 2.2 below provides a summary of the munitions located at each area. Figure 2.4 illustrates these areas within the former Camp Butner site boundary.

Table 2.2
Munitions Located During 1958-1969 Inspections

| Area | Area Description | Munitions Located |
|-------|---|--|
| A | Artillery Impact Area | Rifle grenade; 2.36-inch rockets; 37mm, 40mm, and 81mm mortar; 105mm, 155mm, and 240mm projectiles |
| B | Bazooka and Rifle Grenade Impact Area | 2.36-inch rockets and 81mm mortars |
| C | Artillery and Rifle Grenade Impact Area | 81mm mortars and 37mm, 105mm, 155mm, and 240mm projectiles |
| D | Moving Target Area | 2.36-inch rocket, and 37mm and 40mm projectiles |
| E | Bazooka and Rifle Grenade Impact Area | 2.36-inch rocket |
| F | Hand Grenade Court | No findings reported |
| Other | Unrestricted Areas | Hand grenades; 37mm, 40mm, 60mm, 81mm, 105mm, and 155mm projectiles, and 2.36-inch rockets |

Figure 2.4 Deed Restricted Areas Inspected Annually Between 1958 and 1969



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2.5.2 Findings and Determination of Eligibility, 1990

Under DERP, USACE, Wilmington District prepared a findings and determination of eligibility (FDE) for the former Camp Butner in July 1990. The FDE report confirms that the camp was formerly used by the DoD and was eligible for DERP FUDS consideration. A risk assessment code (RAC) score was assigned to the camp as a whole, and further action and completion of an Inventory Project Report (INPR) were recommended. The RAC score given to the camp was a 4 on a scale of 1 to 5, with 1 indicating a site having the highest explosive risk and 5 indicating a site having no explosive risk. In October 1990, the INPR was completed and the MMRP project was established (Parsons, 2004).

2.5.3 Archives Search Report, 1993

In September 1993, the USACE, Rock Island District, conducted a records search and site inspection for the former Camp Butner. The final Archives Search Report (ASR) report documents the nature and extent of MEC contamination. The former Camp Butner was divided into several areas for evaluation purposes and four areas were found to have ordnance, including a cantonment area, ammunition storage area and dump, hand and rifle grenade ranges, and ammunition training ranges and impact areas. A RAC score for each area was developed based on best available information resulting from record searches, field observations, interviews, and measurements. This information was used to assess risk based upon the potential MEC hazards identified at the site (USACE, 1993).

2.5.4 Site Visit, 1998

A site visit was conducted by USACE on July 21 and 22, 1998, to evaluate the applicability of implementation of a TCRA and to re-evaluate the overall RAC score of 1 (assigned in the ASR). The investigation team visited the four areas with confirmed ordnance identified in the ASR. The conclusion was a TCRA was not warranted and the RAC score was not modified (Parsons, 2004).

2.5.5 Historical Photographic Analysis, 2001

Maps created and produced by USACE, Engineer Research and Development Center, Topographic Engineering Center, were compiled in a report after historical aerial photographs of the former Camp Butner were evaluated. The 2001 geographic information system-based historical photographic analysis evaluated aerial photography from 1943, 1945, and 1949 to identify MEC-related features, such as crater fields, targets, and ground scars. The aerial photos also were analyzed to identify areas potentially contaminated with MEC and MC (Parsons, 2004).

2.5.6 Engineering Evaluation/Cost Analysis, 2001

The engineering evaluation (EE)/cost analysis (CA) addressed the Range Complex 1, Range Complex 2, and Hand Grenade Range MRSs. At the Range Complex 1 and Range Complex 2, 77 acres were evaluated and divided into approximately 330 grids of 0.25 acres. Grids were distributed throughout suspected former munitions use areas within Range Complex 1 and Range Complex 2. Intrusive results provided evidence that identified actual impact and munitions use

areas. A total of 13 MEC and 1,485 munitions debris (MD) items were recovered during the EE/CA. Munitions identified at these MRSs included 37mm, 40mm, 57mm, 105mm, and 155mm projectiles; 60mm and 81mm mortars; 2.36-inch rockets; and hand and rifle grenades (Parsons, 2004).

During the EE/CA investigation, findings made by a property owner at the Lakeview Subdivision, which is within Range Complex 1, resulted in the allocation of sampling grids at this location. Based on the intrusive results, which included the demolition of a 37mm projectile, a TCRA was conducted at the Lakeview Subdivision (Parsons, 2004).

At the Hand Grenade Range, approximately 8.5 acres were mapped using geophysical techniques and intrusively investigated. No MEC or MD was identified during the Hand Grenade Range EE/CA. Based on these results, the EE/CA concluded that the nature and extent of MEC had been adequately characterized at the Hand Grenade Range (Parsons, 2004).

2.5.7 Archives Search Report Supplement, 2003

In 2003, USACE, Rock Island District, prepared a supplement to the 1993 ASR in support of preparing the Military Munitions Response Range Inventory. The former Camp Butner was divided into the following five areas (encompassing multiple ranges):

- Gas Chamber
- Flame Thrower Range
- Hand Grenade
- Range Complex 1
- Range Complex 2

The Gas Chamber was not considered as a potential source of MEC contamination and had not been included in the 2001 EE/CA. The remaining four areas were evaluated as part of the 2001 EE/CA investigation (USACE, 2003).

2.5.8 Lakeview Time Critical Removal Action, 2002/2003

A TCRA was conducted at the 26-acre Lakeview Subdivision (within Range Complex 1) in tandem with the 2001 EE/CA investigation to remove the immediate and imminent danger to public safety posed by the presence of UXO. The TCRA was conducted between November 2002 and March 2003 and included land survey, brush clearance, intrusive removal action, and post-removal digital geophysical mapping (DGM) (Parsons, 2003).

The TCRA included clearing of all metallic items comparable in mass or larger than a 37mm projectile in the top 6 inches of soil. During the clearance, six UXO items were recovered and destroyed including: an electric blasting cap, Mk II hand grenade, 37mm HE projectile, M1 A1 Mine fuze, 2.36-inch rocket motor with fuze, and 2.36-inch HE warhead. The DGM survey indicated the potential for additional UXO contamination. As a result, the EE/CA report recommended an additional removal action for the property (Parsons, 2003).

2.5.9 Blalock Time Critical Removal Action, 2003/2004

USACE conducted a second TCRA north of Enon Road between June 2003 and May 2004. Approximately 13 acres were cleared around a residential (Blalock) property where recent HE projectiles had been encountered. Although ordnance debris was prevalent, no UXO was recovered (USA Environmental, Inc., 2004).

2.5.10 Soil and Sediment Munitions Constituent Sampling, 2006

During 2006, the former Camp Butner was investigated to evaluate MC contamination. Soil and surface water samples were collected, sampled, analyzed, and evaluated. Sampling was biased toward heavy use target/impact areas, firing point, and low-order detonations/exposed explosives locations. Soil samples at the former Camp Butner were collected from HE impact craters. Thirteen soil samples (including one background) and three surface water samples were collected. Only lead was identified as a potential MC associated with former use. Lead was detected in soils at concentrations that exceed ecological screening values at 11 of the 13 sample locations, including the background sample location. The results of the study indicated that explosive compound concentrations were not detected in the soil or surface water (HGL, 2012).

2.5.11 Removal Action, 2006

The 2006 removal action conducted at the Flame Thrower Range cleared approximately 20 acres of land. This removal action identified and disposed of two MEC items and 530 pounds of MD. Based on results of the removal action, the nature and extent of MEC at the Flame Thrower Range was determined to be adequately characterized (USA Environmental, Inc., 2006).

2.5.12 Removal Actions, 2008, 2009, and 2010

Portions of the Lakeview Subdivision that were previously only cleared to a depth of 6 inches were cleared to the depth of detection equipment. In addition, removal action activities were completed at more than 250 parcels (average parcel was approximately 1.75 acres). The land parcel grids investigated were distributed throughout Range Complex 1 and Range Complex 2. Removal action activities were generally focused around existing residential dwellings. Intrusive results indicate the presence of former impact and munitions-use areas. Munitions recovered included 37mm, 40mm, 57mm, 105mm, and 155mm projectiles; 60mm and 81mm mortars; 2.36-inch rockets; and hand and rifle grenades (HGL, 2012).

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3.0 COMMUNITY BACKGROUND

This section describes the community profile, including the statistical characteristics of the population, sensitive ecological species that exist in Granville, Person, and Durham Counties, and key public concerns about the former Camp Butner.

3.1 COMMUNITY PROFILE

The former Camp Butner is located in Granville, Person, and Durham Counties in North Carolina. The majority of the former Camp Butner is within Granville County and includes the town of Butner.

Granville County is located in the upper Piedmont plateau of North Carolina, north of the Raleigh-Durham Research Triangle area. Bordering rural Virginia to the north, it stretches 32 miles to the south where it adjoins metropolitan Durham and Wake Counties. Granville County borders Person County to the west and Franklin County to the southeast, both of which are rural counties. Vance County is directly to the east.

The U.S. Census Bureau's 2010 estimated population for Granville County is 59,916. This is a 23.5 percent increase from 2000. The population density is approximately 112.7 people per square mile. The predominant racial group in Granville County is Caucasian (60.4 percent), followed by African American (32.8 percent), people reporting two or more races (1.7 percent), American Indian and Alaska Native (0.6 percent), Asian (0.5 percent), and "other" (3.9 percent).¹ According to the U.S. Census Bureau, people of Hispanic or Latino descent (7.5 percent) may be of any race and are included in the racial profile of the town of Butner as self-indicated. The median household income for Granville County from 2008 to 2010 was \$46,891 (U.S. Census Bureau, 2012a).

The U.S. Census Bureau selected economic characteristics for 2008 to 2010 provides data on the major employers in Granville County. The data is provided in Table 3.1 below (U.S. Census Bureau, 2010).

Person County is located in the Northern Piedmont area of North Carolina, and is bounded by Durham and Orange Counties to the south, Granville County to the east, and Caswell County to the west. Virginia's Halifax County lies to the north. The shape of Person County is almost a perfect square with each side being approximately 20 miles across and covering an area of 404 square miles (Lewis, 2012).

¹ Percentages were rounded to nearest tenth.

**Table 3.1
Major Granville County Employers**

| Industry Description | Number of Employees |
|--|----------------------------|
| Educational services, and health care and social assistance | 6,664 |
| Manufacturing | 4,163 |
| Retail trade | 2,763 |
| Public administration | 2,153 |
| Professional, scientific, and management, and administrative and waste management services | 2,112 |
| Construction | 2,030 |
| Finance and insurance; real estate and rental and leasing | 1,314 |
| Arts, entertainment, and recreation, and accommodation and food services | 1,293 |
| Other services, except public administration | 1,017 |
| Agriculture, forestry, fishing and hunting, and mining | 801 |
| Transportation and warehousing, and utilities | 706 |
| Wholesale trade | 661 |
| Information | 198 |

The U.S. Census Bureau’s 2010 estimated population for Person County is 39,464. This is a 10.8 percent increase from 2000. The population density is approximately 97.7 people per square mile. The predominant racial group in Person County is Caucasian (68.3 percent), followed by African American (27.0 percent), other (2.2 percent), people reporting two or more races (1.5 percent), American Indian and Alaska Native (0.7 percent), and Asian (0.3 percent).² The median household income for Person County from 2008 to 2010 was \$44,668 (U.S. Census Bureau, 2012b).

Table 3.2 below includes the major employers for Person County (U.S. Census Bureau, 2007).

**Table 3.2
Major Person County Employers**

| Industry | Number of Employees |
|--|----------------------------|
| Manufacturing | 2,114 |
| Retail trade | 1,570 |
| Health care and social assistance | 1,144 |
| Accommodation and food services | 818 |
| Administrative and support and waste management and remediation services | 404 |
| Wholesale trade | 383 |
| Professional, scientific, and technical services | 100-249 |
| Other services (except public administration) | 149 |
| Real estate and rental and leasing | 115 |
| Arts, entertainment, and recreation | 109 |
| Educational services | 20-99 |
| Information | 20-99 |

Durham County is bordered by Person County to the north, Granville County to the northeast, Wake County to the southeast, Chatham County to the south-southwest and Orange County to the west. The size of Durham County is approximately 291 square miles (NACO, 2012).

² Percentages were rounded to nearest tenth.

The U.S. Census Bureau’s 2010 estimated population for Durham County is 267,587. This is a 19.8 percent increase from 2000. The population density is approximately 919.5 people per square mile. The predominant racial group in Durham County is Caucasian (46.4 percent), followed by African American (38.0 percent), other (7.9 percent), Asian (4.6 percent), people reporting two or more races (2.6 percent), American Indian and Alaska Native (0.5 percent) and Native Hawaiian and Other Pacific Islander (0.1 percent).³ The median household income for Durham County from 2008 to 2010 was \$49,894 (U.S. Census Bureau, 2012c).

Table 3.3 below includes the major employers for Durham County (U.S. Census Bureau, 2007).

**Table 3.3
Major Durham County Employers**

| Industry | Number of Employees |
|--|----------------------------|
| Professional, scientific, and technical services | 31,620 |
| Health care and social assistance | 22,856 |
| Retail trade | 14,439 |
| Accommodation and food services | 12,949 |
| Manufacturing | 12,930 |
| Administrative and support and waste management and remediation services | 9,136 |
| Wholesale trade | 8,974 |
| Other services (except public administration) | 8,076 |
| Information | 3,443 |
| Arts, entertainment, and recreation | 2,802 |
| Real estate and rental and leasing | 1,941 |
| Educational services | 1,256 |

Butner was incorporated into a town on July 27, 2007. Butner has a full-time town manager and operates under the “council-manager” form of government prescribed in North Carolina General Statute 160A-147. Elected officials consist of a mayor, who serves a 2-year term and six council members with 4-year terms (Town of Butner, 2009).

The U.S. Census Bureau’s 2010 estimated population for Butner is 7,591. This is a 31.1 percent increase from 2000. The population density is 544.9 people per square mile. The predominant racial group in Butner is Caucasian (59.5 percent), followed by African-American (30.1 percent), people reporting two or more races (2.3 percent), Asian (0.9 percent), American Indian and Alaska Native (0.7 percent), and “other” (6.5 percent). According to the U.S. Census Bureau, people of Hispanic or Latino descent (14.7 percent) may be of any race and are included in the racial profile of Butner as self-indicated. The median household income for Butner from 2006 to 2010 was \$44,828 (U.S. Census Bureau, 2012d).

³ Percentages were rounded to nearest tenth.

3.2 ECOLOGICAL CONCERNS

The U.S. Fish and Wildlife Service (USFWS) identifies federally listed endangered species.⁴ Table 3.4 below describes these endangered species for Granville, Person, and Durham Counties (USFWS, 2010a, 2010b, 2010c).

**Table 3.4
Endangered Species of Granville, Person, and Durham Counties**

| County | Name | Type |
|-----------|-------------------|--------------|
| Granville | Dwarf Wedgemussel | Invertebrate |
| | Harperella | Plant |
| | Smooth Coneflower | Plant |
| Person | Dwarf Wedgemussel | Invertebrate |
| Durham | Michaux's Sumac | Plant |
| | Smooth Coneflower | Plant |

3.3 SUMMARY OF INTERVIEWS

Limited concerns and interests were identified through community interviews. The interviewees noted that the majority of the people living in the area are long-time residents (often covering generations) and are familiar with the history of Camp Butner and the types of hazards that exist at the former site. Five interviewees noted that when concerns are raised about munitions, the concerns are primarily coming from individuals who have moved into the area and are unfamiliar with Camp Butner’s history. Several interviewees stated that most residents seem “generally pleased” or “accepting” of USACE munitions removal actions conducted to date. Two interviewees noted that not all property owners have given permission to have their properties surveyed for munitions.

One interviewee noted an ongoing concern for deer hunters who frequently hunt in the woods that once were part of the former Camp Butner. According to this interviewee, USACE has done a good job at clearing ordnance from residential properties, but the woods have not been cleared. He noted that deer hunters typically use tree stands above the ground surface and a shot that misses a deer could inadvertently penetrate UXO beneath the surface. He noted that he has found such UXO on his wooded property.

Six interviewees named specific types of munitions known to be present at the site, including, 155mm, 105mm, and 81mm mortars and grenades. Another five interviewees knew munitions were present, but could not name specific types. Only two interviewees were unfamiliar with the types of hazards present at the former Camp Butner.

⁴ The North Carolina Wildlife Resources Commission does not maintain a separate state list of endangered and threatened species.

Eleven of the interviewees were familiar with ongoing USACE involvement with the former Camp Butner, although most noted that they have not heard of any current USACE activities. Eight individuals noted either a current or previous association with the RAB or have attended RAB meetings in the role as a first responder. All eight individuals noted that USACE, state, or environmental officials were responsive to their questions and concerns. The interviewees also noted that the community at large learns of local events primarily through the *Butner-Creedmoor News*, which publishes each Thursday.

Seven interviewees said that USACE has performed a good job at keeping people informed of activities at the former Camp Butner through public meetings and notices in the local newspapers, and that USACE simply needs to continue this approach. One interviewee recommended that USACE make more frequent presentations, perhaps twice a year, to the city council, and another interviewee recommended public service announcements over the radio. In conclusion, the interviewees appeared satisfied with USACE's community outreach efforts to inform the public about activities at the former Camp Butner.

3.4 KEY PUBLIC CONCERN

USACE's long history at the former Camp Butner and a population that is largely made up of long-term residents (often for generations) has resulted in a well-informed stakeholder community. The key community issue is to ensure the safety of its residents and for the USACE to continue to openly communicate with the public. Education and public awareness of the munitions hazards should continue and should be targeted to new residents, visitors, and hunters.

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4.0 PUBLIC INVOLVEMENT PROGRAM

This section describes the specific goals of the CRP, the plan to address community concerns, and the projected schedule of community involvement activities.

Before developing this CRP, USACE contractors interviewed community officials, public safety agencies, and area organizations to assess community interest and level of concern related to former Camp Butner. Most individuals interviewed were aware of the former site, key issues associated with the site, and USACE involvement; however, little was known about the upcoming RI scheduled for summer 2012. Based on results of the interviews, the following CRP goals and objectives have been established:

- Ensure that stakeholders understand that personal, environmental, and property safety is of paramount concern to the USACE when considering future project activities;
- Serve the community's information needs by keeping local residents, officials, and other stakeholders informed in a timely manner of RI/FS activities and public involvement opportunities;
- Provide a centralized POC for the community and the media to help identify and deal responsively with community concerns;
- Actively solicit community input on project activities and encourage/enable public involvement among stakeholders, including property owners; public, elected, and civic leaders; safety agencies; business owners; and community representatives;
- Document and address stakeholder and community concerns and expectations for the RI/FS;
- Provide a forum to facilitate community involvement through stakeholder and public meetings, website, and media communication; and
- Foster and maintain a climate of understanding and trust between stakeholders and USACE by explaining how stakeholder comments are considered, what actions USACE plans to take, and how USACE reaches a particular decision.

4.1 COMMUNICATION METHODS AND TECHNIQUES

A number of communication methods and techniques are available to achieve the CRP goals and objectives stated above and address community concerns. Communication methods and techniques that can be used to support public participation activities during the former Camp Butner RI/FS activities are described below. In addition to these activities, the CRP itself provides a useful communication tool.

- **Create, Maintain, and Update Mailing List**

A mailing list of interested parties was created for the site that includes property owners and elected federal, state, and local officials. To ensure that any previously unidentified interested parties are fully apprised of USACE activities at the former Camp Butner, the mailing list will be updated following any public meetings. All future mailings, such as notices of public meetings, will be distributed to all parties on the mailing list.

- **Establish an Information Contact**

The USACE, Wilmington District Public Affairs Office (PAO) was designated as the POC for public and media inquiries regarding activities at the site. The address, telephone number, and email of the USACE, Wilmington District PAO will be clearly indicated on all public involvement materials. The PAO, working in conjunction with the USACE, Wilmington District project manager will be responsible for coordinating and directing responses to community and media inquiries.

- **Prepare Fact Sheets/News Releases**

Fact sheets and news releases have and will be distributed to property owners and tenants, citizen groups, environmental groups, local businesses, regulatory officials, elected/civic officials, and local and regional media whenever activities warrant such distribution. For example, a fact sheet was created and distributed to property owners and tenants, and a public notice was published to announce the April 26, 2012, public meeting. A copy of the public notice and the fact sheet appear in Appendix F and Appendix G, respectively.

Fact sheets will be distributed to individuals listed in Appendices B and D whenever activities warrant such distribution. Both fact sheets and news releases will be prepared and released upon completion of the work phases, such as the RI/FS or Proposed Plan, for the MRSs at the former Camp Butner. Fact sheets and news releases, in general, will address concerns, as expressed by the local community, and will include the status of studies, updates on schedules, safety issues, and other special interest items. Copies of the fact sheets and news releases will be placed in the information repository.

- **Information Repository**

Project-specific documents will be maintained for public review in an information repository at the South Granville County Library in Creedmoor, North Carolina. Several community members interviewed noted that the Butner Town Hall also would provide a favorable location for an information repository; however, because of the extended hours available, the library is the preferable physical location.

Within the information repository, the public will have access to documents such as project work plans, fact sheets, and the RI/FS reports as they are generated. Addresses, phone numbers, contacts, and operating hours of the information repository are presented in Appendix A. Updates will be announced through news releases to the various media listed in Appendix D. In addition to the information repository at the South Granville County Library, a website has been established, which contains project-specific documents.

- **Technical Project Planning Meetings**

TPP meetings are held throughout the CERCLA process to provide project stakeholders, including regulatory agencies, landowners, and municipalities, an opportunity to be involved in the decision-making process. The objectives of the TPP meetings are to: identify the desired project closeout condition, create a plan with identified actions necessary to achieve project closeout, and obtain stakeholder input and acceptance throughout the CERCLA process.

- **Public Meetings**

Two public meetings will be held during the RI/FS to inform the public about USACE's current activities and future plans at the former Camp Butner. All public meetings will be conducted at easily accessible facilities near the site to encourage attendance. The first public meeting was held at the Butner Town Hall on April 26, 2012. Information presented at the meetings will include an explanation of activities, safety concerns, and logistical issues relating to fieldwork at the site. Notices of public meetings will be published in the local newspaper at least 2 weeks before the meeting. A sign-in sheet will be kept for all public meetings. Proposed public meeting locations are identified in Appendix E.

- **Restoration Advisory Board**

A RAB already has been established for the former Camp Butner. The RAB was formed during the response process to ensure that members of the community have an opportunity to provide input to the investigations of the former Camp Butner property. Public interest in the RAB will be evaluated every 2 years. A RAB meeting was held April 26, 2012, and included an update on the RI activities scheduled for summer 2012 and the status of the school and community education programs.

- **Program for Civic Groups/Organizations**

Slides and informational programs will be considered, upon request, to civic groups at their regularly scheduled meetings. The history of the former defense site, as well as environmental studies can be included in the program. A listing of key local contacts is presented in Appendix B.

- **Websites**

Websites or project home pages are effective public involvement tools and provide a convenient option for individuals that are unable or do not wish to visit the information repository at the South Granville County Library. Websites can be used to disseminate and receive various types of information. They can be used with various other types of communication techniques discussed above. The Unexploded Ordnance Safety website at <http://www.denix.osd.mil/UXOSafety> provides useful safety information to promote the “recognize, retreat, and report” procedures for encountering potential military munitions. The site also provides links to other safety and education websites. In addition, the UXO Safety Club House website is located at <http://www.sas.usace.army.mil/UXO/public/index.html> and is an interactive website designed to teach UXO safety to children.

The USACE, Wilmington District, maintains a Camp Butner-specific website at <http://www.saw.usace.army.mil/campbutner/> that provides historical information about the site and the documents, reports, fact sheets and similar materials that have been generated for Camp Butner.

4.2 COMMUNICATION PLAN

The communication methods and techniques described above can be applied in various combinations to address community concerns pertaining to the former Camp Butner. USACE's long history at the former Camp Butner and a population that is largely made up of long-term residents (often for generations) has resulted in a well-informed stakeholder community. The key community issue that resulted from interviews is described below with a list of the most relevant communication activities that can be used to address the issue and meet communication plan objectives and schedules.

- Issue:** **Safety and Public Awareness of Munitions Hazards (Including Awareness for New Residents, Visitors, and Hunters)**
- Activities:** Fact sheets/news releases; mailing lists; TPP meetings; public meetings; information contact; programs for civic groups; websites; signage.
- Objective:** Maintain open lines of communication between USACE and the public, with a special emphasis on residents new to the area and unfamiliar with the history of the former Camp Butner. Inform the community of project activities and safety concerns related to the potential presence of ordnance.
- Timing:** Open communication should be maintained throughout the life of the project. Long-time residents in the local community appear well informed of the potential presence of ordnance on former Camp Butner property that is now occupied by residences. However, as Granville, Person, and Durham Counties attract new residents, individuals unfamiliar with the former Camp Butner will become part of the community and will need to be made aware of safety concerns. Additionally, hunters should be informed of the possible presence of ordnance, including UXO, in the wooded areas commonly accessed during deer-hunting season. Communications should be targeted to specific affected stakeholders, such as new residents, hunters, and recreational users and be timed to coincide with any seasonal or migration changes.

The USACE Wilmington District PAO for the RI/FS is noted in Section 1.0 of this CRP and provides a centralized POC. Specific safety concerns not previously addressed can be discussed in TPP meetings or public meetings. See Section 4.3 for meeting schedules. Numerous safety websites, such as the Unexploded Ordnance Safety website, <http://www.denix.osd.mil/UXOSafety>, are available anytime to promote “recognize, retreat, and report” procedures. Fact sheets/news releases, and programs for civic groups can be developed, as necessary, to address concerns related to future work.

4.3 COMMUNITY RELATIONS PLAN SCHEDULE

The following table outlines the public involvement activities associated with the RI/FS (HGL, 2012).

**Table 4.1
Public Involvement Activities Associated with the RI/FS**

| Activity | Time Frame |
|---|---|
| Update and Revise CRP | May 2012, July 2012, August 2012, and throughout project as appropriate |
| Update Information Repository | June 2012, and throughout project as appropriate |
| Public/RAB Meeting Notices | At least 2 weeks prior to meeting dates (see below). Additional dates to be determined depending on the level of public interest. |
| Prepare and Distribute Fact Sheets and/or Meeting Materials | March 2012 and February 2015, additional dates to be determined depending on the level of public interest. |
| TPP Meetings | July 2012 and July 2014 |
| Public Meeting | April 2012, and March 2015. Additional dates to be determined depending on the level of public interest. |
| RAB Meetings | April 2012, October 2012, April 2013, October 2013, and April 2014 |
| Update Mailing List | April 2012, July 2012, and throughout project as appropriate |
| Civic Group Programs | As appropriate if need arises |

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APPENDIX A

INFORMATION REPOSITORY IDENTIFICATION AND LOCATION

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APPENDIX A

INFORMATION REPOSITORY IDENTIFICATION AND LOCATION

Documents about the former Camp Butner are available for public review in the public information repository. These items are located at South Granville Public Library. The public will have access to such documents as the project work plans, Remedial Investigation/Feasibility Study report, and fact sheets as they are generated. Any new information will be placed in this public repository.

The contact information and hours of operation are shown below:

| |
|--|
| <p>Former Camp Butner Information Repository</p> <p>South Granville Public Library 1550 S. Campus Dr. Creedmoor, North Carolina 27522 (919) 528-1752 south.branch@granvillecounty.org http://www.granville.lib.nc.us/south.html</p> <p>Hours of Operation:</p> <p>Monday - Thursday 10:00 a.m. – 8:00 p.m.</p> <p>Friday 10:00 a.m. – 5:00 p.m.</p> <p>Saturday 12:00 p.m. – 5:00 p.m.</p> <p>Sunday Closed</p> |
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APPENDIX B

**CONTACT LIST – COMMUNITY LEADERS
AND INTERESTED PARTIES**

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APPENDIX B

CONTACT LIST – COMMUNITY LEADERS AND INTERESTED PARTIES

1.0 FEDERAL

1.1 ELECTED OFFICIALS – U.S. SENATE

Senator Richard Burr
217 Russell Senate Office Building
Washington, DC 20510
Telephone: (202) 224-3154
Fax: (202) 228-2981
Email: <http://www.burr.senate.gov/public/index.cfm?FuseAction=Contact.ContactForm>

Local Address:
Senator Richard Burr
Federal Building
151 Patton Ave., Ste. 204
Asheville, NC 28801
Telephone: (828) 350-2437
Fax: (828) 350-2439

Senator Kay R. Hagan
521 Dirksen Senate Office Building
Washington, DC 20510
Telephone: (202) 224-6342
Fax: (202) 228-2563
Email: www.hagan.senate.gov/?p=contact

Local Address:
Senator Kay R. Hagan
701 Green Valley Rd., Ste. 201
Greensboro, NC 27408
Telephone: (336) 333-5311
Fax: (336) 333-5331

1.2 ELECTED OFFICIALS – U.S. HOUSE OF REPRESENTATIVES

Congressman Brad Miller
U.S. House of Representatives
1127 Longworth HOB
Washington, DC 20515
Telephone: (202) 225-3032
Fax: (202) 225-0181
Contact Form https://forms.house.gov/bradmiller/webforms/zipauthen_contact.shtml

Local Address:
Congressman Brad Miller
1300 St. Mary's St., Ste. 504
Raleigh, NC 27605
Telephone: (919) 836-1313
Fax: (919) 836-1314

2.0 STATE OF NORTH CAROLINA

Governor Bev Perdue
Office of the Governor
Constituent Services Office
116 W. Jones St.
Raleigh, NC 27603
Telephone: (800) 662-7952 or (919) 733-2391
Fax: (919) 733-2120
Email: governor.office@nc.gov

State Senator (Granville County Delegation)

Doug Berger (District 7)
North Carolina State Senator
300 N. Salisbury St., Rm. 516
Raleigh, NC 27603
Telephone: (919) 715-8363
Email: Doug.Berger@ncleg.net

State Senators (Durham County Delegation)

Bob Atwater (District 18)
North Carolina State Senator
300 N. Salisbury St., Rm. 519
Raleigh, NC 27603
Telephone: (919) 715-3036
Email: Bob.Atwater@ncleg.net

Floyd B. McKissick, Jr. (District 20)
300 N. Salisbury St., Rm. 520
Raleigh, NC 27603
Telephone: (919) 733-4599
Email: Floyd.McKissick@ncleg.net

State Senator (Person County Delegation)

Eleanor Kinnaird (District 23)
North Carolina State Senator
300 N. Salisbury St., Rm. 628
Raleigh, NC 27603
Telephone: (919) 733-5804
Email: Ellie.Kinnaird@ncleg.net

State House Representative (Granville County Delegation)

James W. Crawford, Jr. (District 32)
North Carolina State Representative
300 N. Salisbury St., Rm. 304
Raleigh, NC 27603
Telephone: (919) 733-5824
Email: Jim.Crawford@ncleg.net

State House Representatives (Durham/Person County Delegation)

Larry D. Hall (District 29)
North Carolina State Representative
300 N. Salisbury St., Rm. 304
Raleigh, NC 27603
Telephone: (919) 733-5872
Email: Larry.Hall@ncleg.net

Paul Luebke (District 30)
North Carolina State Representative
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Raleigh, NC 27603
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Email: Paul.Luebke@ncleg.net

Henry M. Michaux, Jr. (District 31)
North Carolina State Representative
16 W. Jones St., Rm. 1220
Raleigh, NC 27601
Telephone: (919) 715-2528
Email: Mickey.Michaux@ncleg.net

W.A. (Winkie) Wilkins (District 55, includes Person County)
North Carolina State Representative
16 W. Jones St., Rm. 1301
Raleigh, NC 27601
Telephone: (919) 715-0850
Email: Winkie.Wilkins@ncleg.net

3.0 MUNICIPAL OFFICIALS

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Town of Butner Mayor
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Butner, NC 27509
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Fax: (919) 575-3034
Email: mayorlane@butnernc.org

Christene Emory
Town of Butner Mayor Pro Tem
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Butner Public Safety
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Fax: (919) 575-6045
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Granville County

Brindell B. Wilkins, Jr.
Granville County Sheriff
143 Williamsboro St.
Oxford NC 27509
Telephone: (919) 693-3213
Fax: (919) 603-1315
Email: brindell.wilkins@granvillecounty.org

Barry Baker, Planning Director
Granville County Planning and Inspections
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122 Williamsboro St.
Oxford, NC 27565
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Doug Logan
Emergency Management Coordinator/Fire Marshall
143 Williamsboro St.
Oxford, NC 27565
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Email: doug.logan@granvillecounty.org

Hubert L. Gooch, Jr., Chair
Granville County Commissioner (District 5)
PO Box 906
141 Williamsboro St.
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Telephone: (919) 693-4761
Fax: (919) 690-1766
Email: hubert.gooch@granvillecounty.org

Edgar Smoak, Vice Chairman
Granville County Commissioner (District 7)
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R. David Currin, Jr.
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Tony W. Cozart
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Timothy Karan
Granville County Commissioner (District 6)
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Oxford, NC 27565
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Fax: (919) 690-1766
Email: timothy.karan@granvillecounty.org

4.0 REGULATORY AND ENVIRONMENTAL POINTS OF CONTACT

Marti Morgan
North Carolina Department of Environment and Natural Resources
217 W. Jones St.
Raleigh, NC 27603
Telephone: (919) 707-8342
Email: martha.morgan@ncdenr.gov

5.0 ACTIVE CITIZEN GROUPS AND INTERESTED PARTIES

John Boyette
Durham Pistol & Rifle Club
3973 S. Jim Minor Rd.
Haw River, NC 27258
Telephone: (336) 567-0981
Email: Education@Dprc.Org

George Ritchie, President
Granville County Chamber of Commerce
154 Hillsboro St.
Oxford, NC 27565
Telephone: (919) 693-4141
Email: gritchie@bbandt.com

Granville County Historical Museum
1 Museum Ln.
Oxford, NC 27565
Telephone: (919) 693-9706

Robert King, President
Durham County Wildlife Club, Inc.
1316 Hopson Rd.
Morrisville, NC 27560
Telephone: (919) 473-3295

North Carolina Extension Service
Granville County Center
208 Wall St.
Oxford, NC 27565
Telephone: (919) 603-1350
Fax: (919) 603-0268

John Crutchfield, President
North Carolina Wildlife Federation
1024 Washington St.
Raleigh, NC 27605
Telephone: (919) 833-1923

Shirley H. Lane
Granville County School Board Member, District 7
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Butner, NC 27509
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APPENDIX C

SUMMARY OF INTERVIEW RESPONSES

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APPENDIX C

SUMMARY OF INTERVIEW RESPONSES
FEBRUARY 20 THROUGH MARCH 2, 2012

| Interviewees (Name, Title, Agency) | INTERVIEW QUESTIONS | | | | | | | | | | | | | | |
|--|---|---|--|---|---|--|--|--|---|---|--|--|---|---|--|
| | USACE is conducting a Military Munitions and Response Program (MMRP) project, which includes a remedial investigation (RI) and feasibility study (FS) at multiple munitions response sites at the former Camp Butner. Have you heard about this study? If so, do you remember when and how you learned of it? | Are you familiar with the types of hazards that exist at the former Camp Butner? If so, how have you learned of them? | Have you talked with any U.S. Army Corps of Engineers (USACE), state, or environmental officials about past and ongoing studies at the former Camp Butner? If so, were they responsive to your questions and concerns? | What special interests or concerns do you have about the Camp Butner MMRP RI/FS? | Have any of your friends or neighbors expressed concern about or interest in the MMRP RI/FS? If so, what were their concerns? | Do you currently receive calls or questions regarding the former Camp Butner? If so, what are the issues of concern? | How would you describe the public perception toward the studies that have been conducted at the former Camp Butner? If so, what are the issues of concern? | If you had a question or concern, what would you do? Whom would you contact? | How does the community receive information about local events and news? (for example, radio, television, newspapers, community organizations, websites) | Do you have any suggestions for methods USACE can use to provide you with information and better involve you in the decision-making process for the former Camp Butner MMRP project? (for example, newspaper, radio, television, information repository, hotline, meetings, formal briefings, websites) | Are you familiar with information repositories? Would you use an information repository at the South Granville Public Library, 1547 S. Campus Dr., Creedmoor, NC 27522, or the Butner Town Hall, 415 Central Ave., Ste. A, Butner, NC 27509? | Would you be interested in receiving information about the former Camp Butner studies, such as future public meetings and the location of an information repository for the site? (If yes, verify contact information including spelling of name, agency, address, telephone number, and email address.) | How frequently would you like to receive information? (e.g. monthly, bimonthly, quarterly, semi-annually, or as events warrant) | Can you suggest anyone else that we should contact or who might want to receive information about the site? | Is there anything else you would like to mention about the MMRP project that we have not talked about? |
| Alexander Myers, Murdoch Development Center Director | Vaguely remember, probably heard about it from people who work at the U.S. Army Reserve. | Unexploded ordnance (UXO) and other contamination. | No; Not applicable. | Works with a sensitive population (people with emotional and learning disabilities) and concerned about how contamination and other environmental factors might affect this audience. | No. | No. | Some are pleased with the cleanup; some are concerned that not enough has been accomplished. | His superior within the Department of Health and Human Services. | TV station (WRAL); newspaper (Raleigh News and Observer), and Mayor's Office | Stay in contact with the mayor; he sends out information in a timely manner. | Is not familiar with repository, but if necessary, would use the repository at the Butner Town Hall. | Yes at aleck.myers@dhhs.nc.gov. | Prefer quarterly notification about status—unless a major event happens. | Tom Lane, Butner Mayor. | No. |

APPENDIX C

SUMMARY OF INTERVIEW REPOSESES
FEBRUARY 20 THROUGH MARCH 2, 2012 (CONTINUED)

| Interviewees (Name, Title, Agency) | INTERVIEW QUESTIONS | | | | | | | | | | | | | | |
|---|---|---|--|--|--|---|--|--|---|---|--|--|---|---|--|
| | USACE is conducting a Military Munitions and Response Program (MMRP) project, which includes a remedial investigation (RI) and feasibility study (FS) at multiple munitions response sites at the former Camp Butner. Have you heard about this study? If so, do you remember when and how you learned of it? | Are you familiar with the types of hazards that exist at the former Camp Butner? If so, how have you learned of them? | Have you talked with any U.S. Army Corps of Engineers (USACE), state, or environmental officials about past and ongoing studies at the former Camp Butner? If so, were they responsive to your questions and concerns? | What special interests or concerns do you have about the Camp Butner MMRP RI/FS? | Have any of your friends or neighbors expressed concern about or interest in the MMRP RI/FS? If so, what were their concerns? | Do you currently receive calls or questions regarding the former Camp Butner? If so, what are the issues of concern? | How would you describe the public perception toward the studies that have been conducted at the former Camp Butner? If so, what are the issues of concern? | If you had a question or concern, what would you do? Whom would you contact? | How does the community receive information about local events and news? (for example, radio, television, newspapers, community organizations, websites) | Do you have any suggestions for methods USACE can use to provide you with information and better involve you in the decision-making process for the former Camp Butner MMRP project? (for example, newspaper, radio, television, information repository, hotline, meetings, formal briefings, websites) | Are you familiar with information repositories? Would you use an information repository at the South Granville Public Library, 1547 S. Campus Dr., Creedmoor, NC 27522, or the Butner Town Hall, 415 Central Ave., Ste. A, Butner, NC 27509? | Would you be interested in receiving information about the former Camp Butner studies, such as future public meetings and the location of an information repository for the site? (If yes, verify contact information including spelling of name, agency, address, telephone number, and email address.) | How frequently would you like to receive information? (e.g. monthly, bimonthly, quarterly, semi-annually, or as events warrant) | Can you suggest anyone else that we should contact or who might want to receive information about the site? | Is there anything else you would like to mention about the MMRP project that we have not talked about? |
| Edgar Snoak, Vice-Chairman, Granville County Board of Commissioners, District 7 | Three years ago started working as a Restoration Advisory Board (RAB) member and meeting with USACE. | Unexploded ordnance (UXO), bazookas, 105mm and 81mm mortars. Has always known about Camp Butner activities. | Worked with USACE as part of RAB. Very responsive. | No concerns. Grew up in the area and knows the history of the former Camp Butner and supports the effort to clean it up. | A few individuals who moved into the area and were unfamiliar with the cleanup efforts expressed concerns about UXO and the safety of their yards. | People occasionally call, but it is primarily to ask where they may find military artifacts—a hobby among many residents. | No one appears to believe that something “sneaky” is going on. The local newspapers frequently report on activities being conducted; no one seems upset. | The officer at the shooting range or the local National Guard unit. | Most residents read their local newspapers: the Butner-Creedmoor News and the Oxford Herald. | USACE does an excellent job keeping people informed and works well with the local town officials and the Zoning Department. Zoning Department is in charge of ensuring property owners know about ordinances imposed on land once owned by the former Camp Butner and sold to private parties. | Is familiar with the term “information repository” and would be most likely to use one located at the library as it is centrally located. | Already gets necessary information through the RAB. | Not applicable, see previous response | Butner Mayor Tom Lane. | No, except that USACE has done an excellent job cleaning things up, even with budget constraints. |
| Morris Reid, Acting Administrator, Polk Youth Institution | Uncertain as to when he learned about the former Camp Butner. | Unfamiliar with types of contamination. | No; Not applicable. | None. | No. | No. | Haven’t heard any concerns. | Regional office of the North Carolina Department of Corrections. | TV via the Internet (channels 5 or 11), newspapers (Raleigh News and Observer), word of mouth. | Public service announcements on TV or the radio to keep people informed; advertisements in newspapers. | Not familiar with information repository. If necessary, would use one located at the Butner Town Hall, but use is unlikely. | No. | Not applicable. | No. | No. |

APPENDIX C

SUMMARY OF INTERVIEW REPOSENS
FEBRUARY 20 THROUGH MARCH 2, 2012 (CONTINUED)

| Interviewees (Name, Title, Agency) | INTERVIEW QUESTIONS | | | | | | | | | | | | | | |
|---|---|---|--|---|--|--|--|--|---|---|--|--|---|---|--|
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| Barry Baker, Granville County Planning Director | Yes. Learned about activities years ago through the Restoration Advisory Board (RAB). | Aware of mortars, both aboveground and underground. Also grenades, practice land mines, and other munitions. | Yes; Very responsive. | Would like to have as much of the munitions cleaned up as possible. Noted that not all munitions will be able to be removed because of the volume and small size of some munitions. | Some newer residents have expressed concerns about what munitions could do to their property and property value. Residents want all munitions removed. Concerned that not enough land has gone through the removal process. Noted that some residents haven't signed releases to have their properties surveyed for munitions. | Haven't received a call about the former Camp Butner for more than a year. | Somewhat positive. Over time people have become more positive about the work that USACE has performed. | USACE member in Wilmington, NC (doesn't recall specific name). | Local newspapers, specifically Butner-Creedmoor News. Also word of mouth among residents. | Continue the current efforts. | Is familiar with information repositories and, if needed, would use the one at the Butner Town Hall. | Yes, preferably through email: barry.baker@granvil lecounty.org. | Quarterly updates. | Richard Veazey (resident who had munitions on his property and worked with the RAB). | Residents would like to see additional munitions removal and site restoration. |

APPENDIX C

SUMMARY OF INTERVIEW REPOSESES
FEBRUARY 20 THROUGH MARCH 2, 2012 (CONTINUED)

| Interviewees (Name, Title, Agency) | INTERVIEW QUESTIONS | | | | | | | | | | | | | | |
|---|---|---|--|--|--|---|--|--|---|---|--|--|---|---|--|
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| Dean Askew, Director, Butner Beef Cattle Field Laboratory | Heard about cleanup actions about 4 or 5 years ago. | Learned about munitions, mostly from neighbors, a survey that was performed on the field laboratory property, and newspaper articles. | No; Not applicable. | No concerns. | Neighbors have not expressed concern. | No. | For the most part, the public perception is positive that action is being taken. | The local National Guard unit or USACE. | Mostly through the local newspapers: Butner-Creedmoor News and Oxford Ledger. | No. | Is familiar with the term information repository. Although unlikely to use, would prefer to use the repository at Butner Town Hall. | Yes. Through email : dean_askew@ncsu.edu. | Would prefer to be notified as events warrant, but not more than quarterly. | No. | No. |
| Tom Lane, Mayor, Town of Butner | Yes. Attended first Restoration Advisory Board (RAB) meeting about 6 or 7 years ago. About 100 people were present at that event. | Has been living in the area since 1947 and always knew about the history and purpose of the former Camp Butner. | Has attended all the RAB meetings and talks with USACE representatives. Has always found them responsive to his questions. | Wants to make certain residents are kept informed about cleanup activities and that the presence of ordnance is noted on property deeds. | As mayor, is concerned that residents understand possible presence of ordnance; no specific concerns provided for friends and neighbors. | Now only receives a call or two a year about the former Camp Butner. Noted that a call may be prompted by a notice in the paper about Camp Butner activities and the resident may need a refresher about what has been occurring at the site. | The public is generally positive about the actions that have been taken to date to remove munitions. Occasionally, a resident may voice the opinion that this effort is "a waste of time and money." | Vicki Cates, current RAB chair. | Information primarily obtained through local newspapers, including Butner-Creedmoor News, also through the Durham-Herald Sun. | Recommended more frequent USACE participation at council meetings, maybe include Microsoft PowerPoint presentations a few times a year. | Is familiar with the term information repository and, if needed, would use the Butner Town Hall location. However, library has extended hours, which would be good for the public. | Yes, through email: tlane16@nc.rr.com. | Quarterly notification preferred unless a major event occurs. | No. | No. The flow of information has been very good. |

APPENDIX C

SUMMARY OF INTERVIEW REPOSESES
FEBRUARY 20 THROUGH MARCH 2, 2012 (CONTINUED)

| Interviewees (Name, Title, Agency) | INTERVIEW QUESTIONS | | | | | | | | | | | | | | |
|--|---|---|--|--|---|--|--|--|---|---|--|--|---|---|--|
| | USACE is conducting a Military Munitions and Response Program (MMRP) project, which includes a remedial investigation (RI) and feasibility study (FS) at multiple munitions response sites at the former Camp Butner. Have you heard about this study? If so, do you remember when and how you learned of it? | Are you familiar with the types of hazards that exist at the former Camp Butner? If so, how have you learned of them? | Have you talked with any U.S. Army Corps of Engineers (USACE), state, or environmental officials about past and ongoing studies at the former Camp Butner? If so, were they responsive to your questions and concerns? | What special interests or concerns do you have about the Camp Butner MMRP RI/FS? | Have any of your friends or neighbors expressed concern about or interest in the MMRP RI/FS? If so, what were their concerns? | Do you currently receive calls or questions regarding the former Camp Butner? If so, what are the issues of concern? | How would you describe the public perception toward the studies that have been conducted at the former Camp Butner? If so, what are the issues of concern? | If you had a question or concern, what would you do? Whom would you contact? | How does the community receive information about local events and news? (for example, radio, television, newspapers, community organizations, websites) | Do you have any suggestions for methods USACE can use to provide you with information and better involve you in the decision-making process for the former Camp Butner MMRP project? (for example, newspaper, radio, television, information repository, hotline, meetings, formal briefings, websites) | Are you familiar with information repositories? Would you use an information repository at the South Granville Public Library, 1547 S. Campus Dr., Creedmoor, NC 27522, or the Butner Town Hall, 415 Central Ave., Ste. A, Butner, NC 27509? | Would you be interested in receiving information about the former Camp Butner studies, such as future public meetings and the location of an information repository for the site? (If yes, verify contact information including spelling of name, agency, address, telephone number, and email address.) | How frequently would you like to receive information? (e.g. monthly, bimonthly, quarterly, semi-annually, or as events warrant) | Can you suggest anyone else that we should contact or who might want to receive information about the site? | Is there anything else you would like to mention about the MMRP project that we have not talked about? |
| Hubert Gooch, Granville County Commissioner | Has known about ordnance removal activities at the former Camp Butner for years, but hasn't heard about anything recently. | Unexploded ordnance. | No; Not applicable. | In his role as county commissioner, concerned about the safety of the citizens. | Two or three years ago, some citizens expressed concern about the presence of munitions on their properties. | Not currently receiving calls about the former Camp Butner. | Constituents have not appeared interested or concerned lately. | USACE representatives or the local National Guard unit. | Primarily receive information via the Internet, and newspapers, such as Butner-Creedmoor News and Oxford Public Ledger. | Continue providing follow up information as activities are planned and conducted. | Not familiar with term information repository. If needed would review records at the public library. | Yes, at G2mat@aol.com. | Contact as events warrant. | No. | No. |
| Andre Ross, Principal, Butner Stem Elementary School | Not familiar with activities at the former Camp Butner. | Unfamiliar with types of hazards present. | No ; Not applicable. | None, except for the safety of the children at his school. | No. | Does not receive calls about the former Camp Butner. | No one has talked with him about any activities at the former Camp Butner. | Butner Mayor, Tom Lane. | Mostly local newspapers: News and Observer, Butner-Creedmoor News, Herald-Sun, Oxford Ledger. | Distribute information flyers and list a website on the flyers. | Unfamiliar with the term information repository. Unlikely to use a repository, but if needed, would use a repository at the Butner Town Hall. | Yes, at rossa@gcs.k12.nc.us | Only contact as events warrant. | No. | No. |

APPENDIX C

SUMMARY OF INTERVIEW REPOSES
FEBRUARY 20 THROUGH MARCH 2, 2012 (CONTINUED)

| Interviewees (Name, Title, Agency) | INTERVIEW QUESTIONS | | | | | | | | | | | | | | |
|--|---|--|--|--|---|--|--|--|---|---|--|--|---|---|---|
| | USACE is conducting a Military Munitions and Response Program (MMRP) project, which includes a remedial investigation (RI) and feasibility study (FS) at multiple munitions response sites at the former Camp Butner. Have you heard about this study? If so, do you remember when and how you learned of it? | Are you familiar with the types of hazards that exist at the former Camp Butner? If so, how have you learned of them? | Have you talked with any U.S. Army Corps of Engineers (USACE), state, or environmental officials about past and ongoing studies at the former Camp Butner? If so, were they responsive to your questions and concerns? | What special interests or concerns do you have about the Camp Butner MMRP RI/FS? | Have any of your friends or neighbors expressed concern about or interest in the MMRP RI/FS? If so, what were their concerns? | Do you currently receive calls or questions regarding the former Camp Butner? If so, what are the issues of concern? | How would you describe the public perception toward the studies that have been conducted at the former Camp Butner? If so, what are the issues of concern? | If you had a question or concern, what would you do? Whom would you contact? | How does the community receive information about local events and news? (for example, radio, television, newspapers, community organizations, websites) | Do you have any suggestions for methods USACE can use to provide you with information and better involve you in the decision-making process for the former Camp Butner MMRP project? (for example, newspaper, radio, television, information repository, hotline, meetings, formal briefings, websites) | Are you familiar with information repositories? Would you use an information repository at the South Granville Public Library, 1547 S. Campus Dr., Creedmoor, NC 27522, or the Butner Town Hall, 415 Central Ave., Ste. A, Butner, NC 27509? | Would you be interested in receiving information about the former Camp Butner studies, such as future public meetings and the location of an information repository for the site? (If yes, verify contact information including spelling of name, agency, address, telephone number, and email address.) | How frequently would you like to receive information? (e.g. monthly, bimonthly, quarterly, semi-annually, or as events warrant) | Can you suggest anyone else that we should contact or who might want to receive information about the site? | Is there anything else you would like to mention about the MMRP project that we have not talked about? |
| Richard Veazey, former Restoration Advisory Board (RAB) chair and current resident | As a long-time resident he is familiar with history of former Camp Butner. Also was familiar with cleanup activities in his former role on the RAB and was contacted as a property owner to have his land surveyed for munitions. | Ordnance of all types, including unexploded ordnance. His property once contained the former bazooka range. A total of 21 live ordnance removed from the property. | Yes, worked with USACE representatives and the specialists who conducted the survey on his property. They were all responsive to his questions. | Noted cleanup on residential properties has been effective, but is concerned about munitions that remain in the woods. Noted that deer hunters in tree stands could shoot into live ordnance. Noted he has found live ordnance at the side of a creek bed. | Some residents have been concerned about ordnance on their property; however, not all property owners have given permission to have their property surveyed for ordnance. | No. | The majority accept the efforts USACE has made to remove ordnance. | Mr. Livermore of USACE. | Primarily through the Butner-Creedmoor News. Noted the editor of the newspapers attends RAB meetings and routinely publishes informative articles about USACE activities. | Continue to publish notices in newspapers and conduct public meetings. Send letters to landowners informing them of upcoming activities. Perhaps make announcements over local TV station in Raleigh (Channel 5) or Durham (Channel 11). | Familiar with the term information repository, but probably wouldn't use (would prefer reports to be online). | Yes, USACE already has his email information. | Notify as events warrant. | Vicki Cates (current RAB chair). | The initial USACE letter sent to homeowners to inform them of the survey action (to determine if munitions were present) confused some homeowners. Some thought that the government was trying to take over their land. Deer hunters should be warned about munitions in the woods. |

APPENDIX C

SUMMARY OF INTERVIEW REPOSESES
FEBRUARY 20 THROUGH MARCH 2, 2012 (CONTINUED)

| Interviewees (Name, Title, Agency) | INTERVIEW QUESTIONS | | | | | | | | | | | | | | |
|--|---|---|--|--|---|--|--|--|---|---|--|--|---|---|--|
| | USACE is conducting a Military Munitions and Response Program (MMRP) project, which includes a remedial investigation (RI) and feasibility study (FS) at multiple munitions response sites at the former Camp Butner. Have you heard about this study? If so, do you remember when and how you learned of it? | Are you familiar with the types of hazards that exist at the former Camp Butner? If so, how have you learned of them? | Have you talked with any U.S. Army Corps of Engineers (USACE), state, or environmental officials about past and ongoing studies at the former Camp Butner? If so, were they responsive to your questions and concerns? | What special interests or concerns do you have about the Camp Butner MMRP RI/FS? | Have any of your friends or neighbors expressed concern about or interest in the MMRP RI/FS? If so, what were their concerns? | Do you currently receive calls or questions regarding the former Camp Butner? If so, what are the issues of concern? | How would you describe the public perception toward the studies that have been conducted at the former Camp Butner? If so, what are the issues of concern? | If you had a question or concern, what would you do? Whom would you contact? | How does the community receive information about local events and news? (for example, radio, television, newspapers, community organizations, websites) | Do you have any suggestions for methods USACE can use to provide you with information and better involve you in the decision-making process for the former Camp Butner MMRP project? (for example, newspaper, radio, television, information repository, hotline, meetings, formal briefings, websites) | Are you familiar with information repositories? Would you use an information repository at the South Granville Public Library, 1547 S. Campus Dr., Creedmoor, NC 27522, or the Butner Town Hall, 415 Central Ave., Ste. A, Butner, NC 27509? | Would you be interested in receiving information about the former Camp Butner studies, such as future public meetings and the location of an information repository for the site? (If yes, verify contact information including spelling of name, agency, address, telephone number, and email address.) | How frequently would you like to receive information? (e.g. monthly, bimonthly, quarterly, semi-annually, or as events warrant) | Can you suggest anyone else that we should contact or who might want to receive information about the site? | Is there anything else you would like to mention about the MMRP project that we have not talked about? |
| Wayne Hobgood, Chief, Butner Public Safety | As a long-time resident, is very familiar with the former Camp Butner. Also, some residents (informally) expressed their concerns to him about the possible presence of munitions on their property. | Munitions from the 1940s, including unexploded ordnance, artillery shells. | At one time (about 3 years ago) had been on the Restoration Advisory Board (RAB) and worked with USACE and similar personnel. Found their answers to be responsive | No special concerns; munitions are being addressed appropriately. | Although none of these individuals approached him personally, he did hear concerns that people who moved into the area and purchased property were concerned about the presence of munitions. | Residents who encounter munitions on their property will call his department to make a report. | Hasn't heard anything negative. | The Public Safety Department maintains a list of contact names if munitions are encountered. | TV, specifically WTVD and WRAL, and newspapers, Butner-Creedmoor News and the Durham Herald Sun. | Continue to put notices in newspapers and announce over TV and radio; attend county, municipal, commissioner, and town council meetings. | Is familiar with information repository and, if needed, would use a repository at the public library. | Yes, via email: whobgood@nccrimecontrol.org or wayne.hobgood@ncdps.gov. | As important events occur. | Doug Logan, Granville County Fire Marshal. | No. |

APPENDIX C

SUMMARY OF INTERVIEW REPOSES
FEBRUARY 20 THROUGH MARCH 2, 2012 (CONTINUED)

| Interviewees (Name, Title, Agency) | INTERVIEW QUESTIONS | | | | | | | | | | | | | | |
|--|---|---|---|--|--|--|---|--|---|---|--|--|---|---|--|
| | USACE is conducting a Military Munitions and Response Program (MMRP) project, which includes a remedial investigation (RI) and feasibility study (FS) at multiple munitions response sites at the former Camp Butner. Have you heard about this study? If so, do you remember when and how you learned of it? | Are you familiar with the types of hazards that exist at the former Camp Butner? If so, how have you learned of them? | Have you talked with any U.S. Army Corps of Engineers (USACE), state, or environmental officials about past and ongoing studies at the former Camp Butner? If so, were they responsive to your questions and concerns? | What special interests or concerns do you have about the Camp Butner MMRP RI/FS? | Have any of your friends or neighbors expressed concern about or interest in the MMRP RI/FS? If so, what were their concerns? | Do you currently receive calls or questions regarding the former Camp Butner? If so, what are the issues of concern? | How would you describe the public perception toward the studies that have been conducted at the former Camp Butner? If so, what are the issues of concern? | If you had a question or concern, what would you do? Whom would you contact? | How does the community receive information about local events and news? (for example, radio, television, newspapers, community organizations, websites) | Do you have any suggestions for methods USACE can use to provide you with information and better involve you in the decision-making process for the former Camp Butner MMRP project? (for example, newspaper, radio, television, information repository, hotline, meetings, formal briefings, websites) | Are you familiar with information repositories? Would you use an information repository at the South Granville Public Library, 1547 S. Campus Dr., Creedmoor, NC 27522, or the Butner Town Hall, 415 Central Ave., Ste. A, Butner, NC 27509? | Would you be interested in receiving information about the former Camp Butner studies, such as future public meetings and the location of an information repository for the site? (If yes, verify contact information including spelling of name, agency, address, telephone number, and email address.) | How frequently would you like to receive information? (e.g. monthly, bimonthly, quarterly, semi-annually, or as events warrant) | Can you suggest anyone else that we should contact or who might want to receive information about the site? | Is there anything else you would like to mention about the MMRP project that we have not talked about? |
| Chief Deputy Sheriff Sherwood Boyd | Has known about activities at the former Camp Butner for several years. His department has assisted engineering firms to remove munitions off and on for 16 years. | Bullets, grenades, canon shells, 155mm and 105mm mortar shells. | Sheriff's Department has met with USACE about removal actions. The department surveys the site of reported munitions, then contacts Emergency Management and Fort Bragg to explode the ordnance in place or move to the firing range. Effective communication between facilities. | No specific concerns. An effective response program is in place and no injuries have occurred to date. | Years ago a couple from another county bought property once occupied by Camp Butner. Homeowners found a shell on the property and went public (through media) about the discovery. Homeowners apparently demanded that the property be bought back from them, which was reported to have happened. Signs and ordinances on deeds were in place at that time. | The Sheriff's Department receives about five phone calls a year when someone discovers ordnance within the jurisdictional limit of his county. | Local residents have mixed feelings about the studies and cleanup actions. Some residents think it is a waste of time and money. Others want all ordnance, including bullet casings, to be located and removed. | The local National Guard or people at the Camp Butner range. | The Butner-Creedmoor News, Oxford Ledger, or word of mouth is how most residents learn of local events. | The communication has been effective to date and the local National Guard unit has been helpful. | Is familiar with the concept of an information repository but hasn't used it yet. If he needs to use it, would likely use the repository at the Butner Town Hall. | Yes, email at Sherwood.boyd@granvillecounty.org | Contact anytime there is important news. | Butner Public Safety Chief Wayne Hobgood. | No. |

APPENDIX C

SUMMARY OF INTERVIEW REPOSESES
FEBRUARY 20 THROUGH MARCH 2, 2012 (CONTINUED)

| Interviewees (Name, Title, Agency) | INTERVIEW QUESTIONS | | | | | | | | | | | | | | |
|---|---|---|--|---|--|--|---|--|--|--|--|--|---|---|---|
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| Doug Logan, Granville County Fire Marshal | Because of position as fire marshal, is very familiar with the history of the former Camp Butner and of USACE activities in the area. | <u>Unexploded ordnance</u> (UXO), other munitions including 155mm shells, 105mm shells, hand grenades, rockets, rocket motors, and so on. | Has worked with USACE representatives in his position as fire marshal. These representatives have been responsive to queries. | Concerned that some people may experience a “false sense of security” that areas, which have been cleared, will contain no munitions. Noted that because of the volume of material, a 100% removal is not possible. | Noted that residents are simply curious about activities at the former Camp Butner. Most home owners are long-time residents and are largely unconcerned about the munitions; however, new residents moving from other counties may be more concerned about the risk, particularly in news developments near the firing range. | Department receives very few calls about Camp Butner; most calls go to the Zoning Department, which has a map marked where munitions are known to occur. | Most residents are appreciative of USACE’s efforts to clean up the area, but are also somewhat apathetic, possibly because most residents grew up in that area and have always been aware of the presence of munitions. | Would contact USACE representative, Ray Livermore. | Receives information via local newspapers, including Butner-Creedmoor News, Oxford Public Ledger, Herald Sun (in Durham), and Henderson Daily Dispatch (in Fayette County) | Recommended continuing current efforts. Noted a video about munitions has been produced and distributed to schools; press releases have been distributed, and Restoration Advisory Board meetings are being held. Noted the Zoning Department has a detailed map showing where UXO has been encountered. | Is familiar with an information repository and, if needed, would use a repository at the public library. | Yes, through email at doug.logan@granvillecounty.org. | Prefer monthly updates, unless something significant occurs. | Barry Baker, Zoning Department. | It would be helpful to know when the entire area would be deemed “clean.” How will USACE determine there is nothing else that can be effectively removed? |

APPENDIX C

SUMMARY OF INTERVIEW REPOSESES
FEBRUARY 20 THROUGH MARCH 2, 2012 (CONTINUED)

| Interviewees (Name, Title, Agency) | INTERVIEW QUESTIONS | | | | | | | | | | | | | | |
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| Vicki Cates, Town of Butner council member and current Restoration Advisory Board (RAB) chair | As a long-time resident, knew about the historical use of the former Camp Butner and of USACE activities and cleanup efforts through her position as RAB chair. | Does not know names of the specific types of munitions, but knows what they look like and where they have been encountered. Had some knowledge before RAB participation, but more specifics after joining the RAB. | Yes, through her role on the RAB. Has found the interaction absolutely responsive. | States that USACE has done a good job at explaining the risk of munitions and the cleanup effort in layperson's terms. Noted that presentations, including slides, were effective and gave a good overall view of the project. | The long-time residents don't seem concerned by the presence of munitions. Home owners who move into the county have expressed the greatest degree of concern and are unfamiliar with the Camp Butner history. | Has not been receiving calls about the former Camp Butner. | Everyone seems to be pleased with USACE's approach. | Ray Livermore of USACE. Noted there is an effective and informal flow of information among involved entities. | Information is received via the Town of Butner website, the Butner-Creedmoor News, and the News Observer. Noted a "sunshine email list," a list of local businesses, and radio station 98.3 in Oxford. | Keep up the current approach, continue conducting public meetings and advertising their dates and times. | Is familiar with the information repository. Noted that a repository at the public library would be preferable for the public because it has better access and longer hours. | Would like to continue receiving information via email: councilmembercates@butnernc.org . | If there are significant activities ongoing, then communication should be monthly. If this is not the case, then quarterly updates are sufficient. | No. | Noted that all of the RAB members are very thorough and very dedicated. |

APPENDIX D
MEDIA RESOURCES

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APPENDIX D

MEDIA RESOURCES

1.0 MEDIA CONTACTS

NEWSPAPERS

Butner-Creedmoor News
Harry Coleman, Publisher
418 N. Main St.
Creedmoor, NC 27522
Telephone: (800) 736-3909 or (919) 528-2393
Fax: (919) 528-0288
URL: <http://www.granvilleonline.com/>
Email: bcnews@mindspring.com

Oxford Public Ledger
200 W. Spring St.
Oxford, NC 27565
Telephone: (919) 693-2646
Fax: (919) 693-3704
URL: <http://www.facebook.com/pages/Oxford-Public-Ledger/140387145997224>
Email: opl@earthlink.net

The Daily Dispatch
James D. Edwards, Publisher
PO Box 908
304 S. Chestnut
Henderson, NC 27536
Telephone: (252) 436-2700
Fax: (252) 430-0125
URL: <http://www.hendersondispatch.com/>

The Independent Weekly
Lisa Sorg, Editor
302 E. Pettigrew St., Ste. 300
Durham, NC 27701
Telephone: (919) 286-1972
Fax: (919) 286-4274
URL: <http://www.indyweek.com/>
Email: lsorg@indyweek.com

Durham Herald-Sun
Nancy Wykle, Editor
2828 Pickett Rd.
Durham, NC 27705
Telephone: (919) 419-6644
URL: <http://www.heraldsun.com/>
Email: news@heraldsun.com or nwykle@heraldsun.com

The News & Observer
PO Box 191
215 S. McDowell St.
Raleigh, NC 27602
Telephone: (919) 829-4500
Fax: (919) 829-4626
URL: <http://www.newsobserver.com/>
Email: breakingnews@newsobserver.com

The Triangle Tribune
Bonitta Best, Editor
115 Market St., Ste. 360H
Durham, NC 27701
Telephone: (919) 688-9408
Fax: (919) 688-2740
URL: <http://triangletribune.com/>
Email: bonitta.best@triangletribune.com

The Carolinian
Paul R. Jervay, Jr., Publisher
PO Box 25308
519 S. Blount St.
Raleigh, NC 27601
Telephone: (919) 834-5558
Fax: (919) 832-3234
URL: <http://www.raleighcarolinian.info/>
Email: thecarolinian@bellsouth.net

RADIO STATIONS

WBBB - Radio 96.1
3012 Highwoods Blvd., Ste. 201
Raleigh, NC 27604
Telephone: (919) 878-1724 (news department)
Fax: (919) 790-8369
URL: <http://www.radio961.com/>
Email: info@curtismedia.com (general info)

WCPE 89.7 FM
Deborah Proctor, General Manager and Chief Engineer
PO Box 897
Wake Forest, NC 27588
Telephone: (800) 556-5178
Fax: (919) 556-9273
URL: <http://www.wcpe.org/>
Email: generalmanager@TheClassicalStation.org

WKNC 88.1 FM
Campus Box 8607
343 Witherspoon Student Center
Raleigh, NC 27695
Telephone: (919) 515-2401
URL: <http://wknc.org/>

WQDR 94.7 FM
3012 Highwoods Blvd.
Raleigh, NC 27604
Telephone: (919) 790-9392 (business line) or (919) 878-1724 (news line)
URL: <http://www.wqdr.net/>

WRAL 101.5 FM
MIX 101.5 WRAL-FM
3100 Highwoods Blvd., Ste. 140
Raleigh, NC 27604
Telephone: (919) 890-6101
Fax: (919) 890-6146
URL: <http://www.wralfm.com/>

WCBQ-WHNC-AM
1 Alvin Augustus Jones Way
Oxford, NC 27565
Telephone: (919) 693-3540
Fax: (919) 693-9054
URL: http://www.dralvinjones.com/index.php?module=pagemaster&PAGE_user_op=view_page&PAGE_id=31&MMN_position=65:65

Foxy 107.1 and 104.3
8001 Creedmoor Rd., Ste. 101
Raleigh, NC 27613
Telephone: (919) 848-9736
Fax: (919) 848-4724
URL: <http://foxync.com/>

WXDU 88.7 FM
Duke University Radio
PO Box 90689
Durham, NC 27708
Telephone: (919) 684-2957
URL: wxdu@duke.edu

WSHA 88.9 FM
Shaw University
118 E. South St.
Raleigh, NC 27601
Telephone: (919) 546-8432
Fax: (919) 546-8315
URL: <http://www.shawu.edu/wsha/home/>
Email: Emeka@shawu.edu (general manager)

TELEVISION STATIONS

WRAL (CBS Affiliate)
2619 Western Blvd.
Raleigh, NC 27606

Mailing Address:
PO Box 12000
Raleigh, NC 27605
Telephone: (919) 821-8555 or (800) 532-5343
Newsroom Fax: (919) 821-8541
URL: <http://www.wral.com/>

WRAZ (Fox Affiliate)
512 S. Mangum St.
Durham, NC 27701

Mailing Address:
PO Box 30050
Durham, NC 27702
Telephone: (919) 595-5050
URL: <http://www.fox50.com/>

WRPX (Ion TV)
3209 Gresham Lake Rd., Ste. 151
Raleigh, NC 27615
Telephone: (919) 827-4800
Fax: (919) 876-1415
URL: <http://www.ionmedianetworks.com/page.php?p=stations&station=55>
Email: michellebarnhill@ionmedia.com

WTVD (ABC Affiliate)
319 Fayetteville St., Ste. 107
Raleigh, NC 27601
Telephone: (919) 899-3600
URL: <http://abclocal.go.com/wtvd/index>

WNUC (PBS)
PO Box 14900
10 T.W. Alexander Dr.
Research Triangle Park, NC 27709
Telephone: (919) 549-7000
URL: <http://www.unctv.org/>

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APPENDIX E

PROPOSED MEETING LOCATIONS

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APPENDIX E

PROPOSED MEETING LOCATIONS

Butner Town Hall

415 Central Ave., Ste. A
Butner, NC 27509
Telephone: (919) 575-3032
URL: <http://butnernc.org/>
Capacity: 97

South Granville Public Library

1547 S. Campus Dr.
Creedmoor, NC 27522
Telephone: (919) 528-1752
Room available even after library hours (with key)
Application required
URL: <http://www.granville.lib.nc.us/south.html>
Capacity: 60

Soldiers Memorial Sports Arena

416 24th St.
Butner, NC 27509
Telephone: (919) 575-3032
URL: <http://www.butnernc.org/pages/ButnerParks.html>
Capacity: 40 (largest meeting room)

Vance-Granville Community College South Campus

1547 S. Campus Dr.
Creedmoor, NC 27522
Telephone (252) 738-3521
URL: <http://www.vgcc.edu/about-vgcc/south-campus.cfm>
Capacity: 100

Butner-Stem Elementary School

201 E. D St.
Butner, NC 27509
Telephone: (919) 575-6947
URL: <http://www.gcs.k12.nc.us/bses/site/default.asp>
Capacity: 200 (cafeteria)

Butner-Stem Middle School

501 E. D St.

Butner, NC 27509

Telephone: (919) 575-9429

URL: <http://www.gcs.k12.nc.us/bsms/site/default.asp>

Capacity: 300 (cafeteria), 35 (health room)

Possible charge for utilities

Granville County Multipurpose Meeting Room

5662 Cornwall Rd.

Oxford, NC 27509

Telephone: (919) 603-1310 (Robin Harris)

Capacity 80

Superior Court Granville County

101 Main St.

Oxford, NC 27509

Telephone: (919) 690-4800

Capacity: 200

APPENDIX F
PUBLIC NOTICE

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PUBLIC NOTICE

U.S. ARMY CORPS OF ENGINEERS

BUILDING STRONG.

March 27, 2012

Contact:
Ann Johnson, Public Affairs Office
U.S. Army Corps of Engineers, Wilmington District
(910) 251-4626



PUBLIC NOTICE Public Meeting to Discuss Former Camp Butner Formerly Used Defense Site

The US Army Corps of Engineers will host a public meeting on April 26, 2012, to discuss the planned activities to be conducted during the Remedial Investigation/Feasibility Study field work scheduled for the summer of 2012 at the former Camp Butner site in Granville, Person, and Durham Counties, North Carolina.

The meeting will be an open house forum held from 6 to 8 p.m. at the Butner Town Hall multi-purpose room, 415 Central Avenue, Butner, NC. The meeting will allow for the exchange of information between the Corps and the community regarding site activities.

Camp Butner was established in 1942 to train infantry, artillery, and engineering combat troops for deployment and redeployment overseas during World War II. Following World War II, the camp was closed, limited ordnance clearances were performed, and the property was conveyed to the Army National Guard, the State of North Carolina, local municipalities, and private owners.

Project-related documents are available for review at the South Granville County Library, 1550 S. Campus Drive, Creedmoor, NC 27522.

For more information about the Camp Butner Formerly Used Defense Site, visit the following website:
www.saw.usace.army.mil/campbutner/index.htm.

U.S. ARMY CORPS OF ENGINEERS – WILMINGTON DISTRICT
69 Darlington Avenue, Wilmington, NC 28403

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APPENDIX G

FACT SHEET

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U.S. Army Corps of Engineers
Wilmington District

Former Camp Butner FUDS Project April 2012

Formerly Used Defense Sites Program

The U.S. Army Corps of Engineers (USACE), Wilmington District manages the former Camp Butner Formerly Used Defense Sites (FUDS) project. Camp Butner is located approximately 15 miles north of Durham within Granville, Person, and Durham Counties, North Carolina, and encompasses approximately 40,384 acres.

Congress established the FUDS program in 1986 to clean up properties that were previously owned, leased, possessed, or used by the Army, Navy, Air Force, or other defense agencies. USACE manages the FUDS program, which includes the Military Munitions Response Program (MMRP) that addresses FUDS that have military munitions.

Site History

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. Munitions used at the site included 2.36-inch rockets, rifle and hand grenades, 20-mm through 240-mm high explosive (HE) projectiles, 60- and 81-mm mortars, and anti-personnel practice mines.

Following World War II, the camp was closed, limited ordnance clearances were performed, and the property was conveyed to the Army National Guard, the State of North Carolina, local municipalities, and private owners.

Ordnance Investigation

As part of the FUDS program, the USACE is initiating a Remedial Investigation (RI)/Feasibility Study (FS) to investigate the presence and extent of unexploded ordnance and explosive items on the property within the former Camp Butner boundaries. The RI/FS work will include the investigation, and review and assessment of previous investigations, of

the following five areas within the former Camp Butner: Flame Thrower Range, Hand Grenade Range, Range Complex-1, Range Complex-2, and Army National Guard Property. The goals of this work will be to gather data to support the analysis and design of potential response and/or removal actions, if necessary.

More specifically, the USACE will identify the physical characteristics of the property; classify the soils, surface water, sediment, and groundwater; identify the characteristics of munitions and explosives of concern and munitions constituents; identify actual and potential pathways through environmental media; and identify actual and potential exposure routes.

Questions

If you have questions about the former Camp Butner project or the FUDS program, contact the USACE, Wilmington District Public Affairs Officer, Ann Johnson, at (910) 251-4626 or by email:

Ann.johnson@usace.army.mil

Documents relating to Camp Butner, including information on previous investigations, are available online at:

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

Safety

Below are tips on how to respond if you suspect that you have encountered military munitions at the former Camp Butner. BE SAFE... FOLLOW THE "3 Rs."



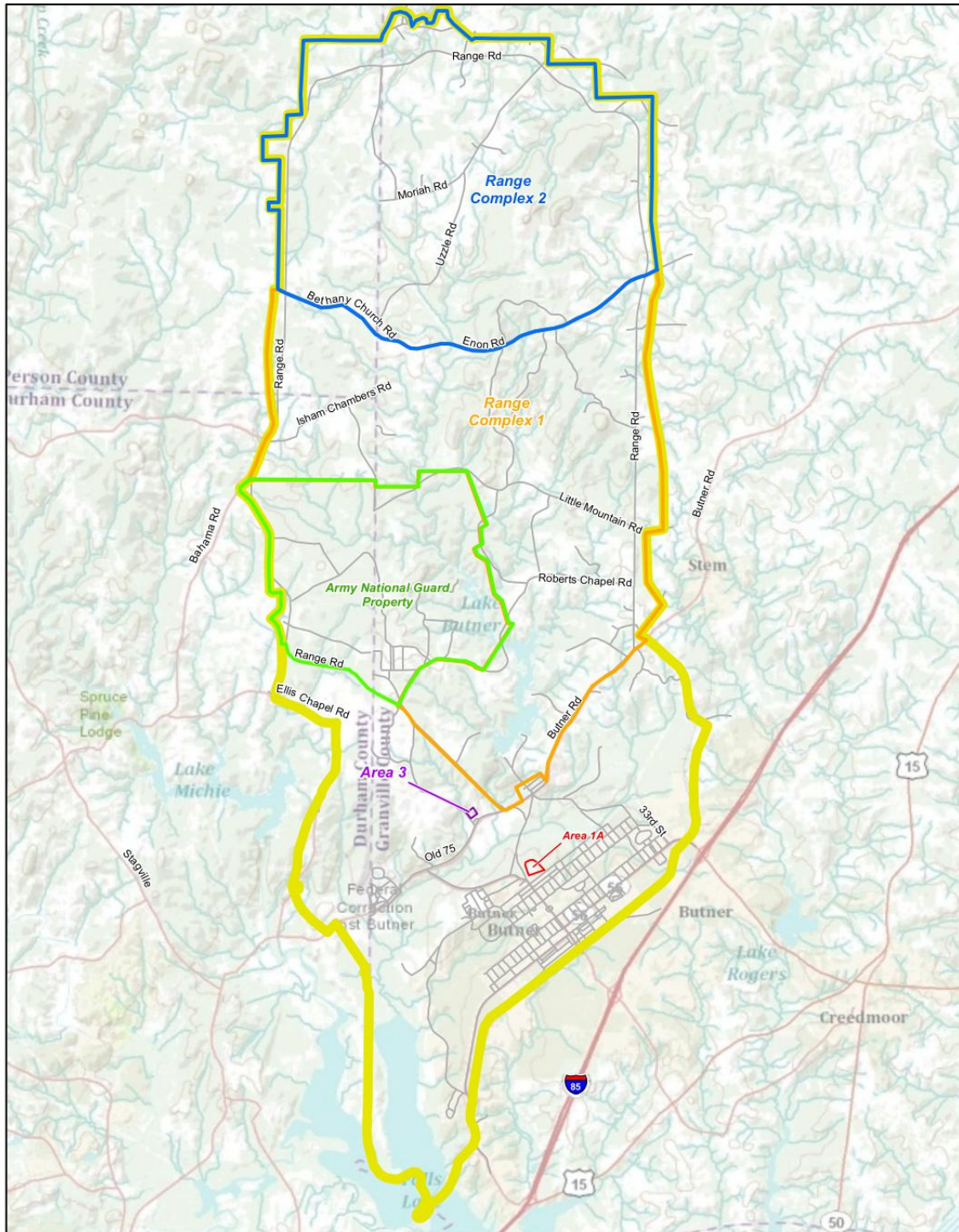
RECOGNIZE: Recognize when you may have encountered a munition.

RETREAT: Do not touch, move or disturb it, but carefully leave the area the way you entered. Do not run.

REPORT: Call 911! Immediately notify local law enforcement of what you saw and where you saw it.

Produced by the U.S. Army Corps of Engineers Wilmington District, April 2012

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| Filename: \\gst-srv-01\HGLBNP\Camp_Butner\EX1001\Site_Layout_Streets.mxd Project: Revised: 03/27/12 TJ  | Legend | | Camp Butner Site Layout |
| |  Area 3 - Hand Grenade Range  Area 1 - Flame Thrower Range  Army National Guard Property |  Range Complex 2  Range Complex 1  Camp Butner FUDS Boundary | |

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