



June 25, 2004

FWHN-FTMC-04-0116

Ms. Lydia Tadesse
Contracting Officer
US Army Engineering and Support Center, Huntsville
P.O. Box 1600
Huntsville, AL 35807

Subject: Final Letter Report, Task Order 22, Time Critical Removal, Bravo Area Dog Kennels, Ordnance and Explosive Response at Fort McClellan, Alabama, Contract Number DACA87-99-D-0010

Dear Ms. Tadesse:

The following contains the details of the final letter report for Task Order 0022.

SITE LOCATION

Fort McClellan is located northeast of the City of Anniston, Calhoun County, Alabama. To the west are the areas known as Weaver and Blue Mountain. To the North is the City of Jacksonville. The Talladega National Forest is to the east of the post. Figure 1 shows the location of the dog kennel surface clearance area.

SITE HISTORY

The dog kennel area was used by the Army as a kennel area for the military police on post. Auburn University has requested to use the existing kennel as a temporary facility while their new facility is being built.

OBJECTIVE

The objective of this action was to conduct a surface clearance on 2 acres of property shown on Figure 1. The surface clearance operation was carried out in accordance with section 2.3.4 of the work plan.

DISCUSSION

Tetra Tech FWI received a Request for Proposal (RFP) for a time critical removal action (Attachment A) in the dog kennel site of the Bravo Area on May 5, 2004. The RFP was accompanied by a revised Statement of Work (Attachment B). A proposal was submitted on May 5, 2004 and the modification to the contract was awarded on May 12, 2004. The USAESCH prepared the ESS (Attachment C). The ESS was approved on May 5, 2004 by the USAESCH CX and submitted to USATCES. The addendum to the work plan was prepared by



Tetra Tech FWI, submitted on May 5, 2004 and approved on May 24, 2004. Notice to proceed was granted on May 24, 2004 (Attachment D). The clearance was completed on May 26, 2004.

The boundary for the clearance area was set using a measuring wheel and 300 foot tape measures. Corners were marked with wooden stakes with blue flagging. Blue, non-metallic pin flags were used to delineate the clearance areas between the wooden stakes. The pin flags were offset 10 feet from the road's edge and 20 feet off the fence line. The area, which did not have exclusion zone issues, was established and clearly marked. This being done, five-foot lanes were established using 200-foot lines. Personnel conducted surface sweep of established lanes. This process was used throughout the entire task. Upon completion of the initial area the team returned to normal work in the Fish and Wildlife Refuge. Auburn University staff agreed to vacate all of their buildings by 1500 at which time the team would return to the area. At 1500 this was verified, roadblocks were established, and the required exclusion zone was set. Using the same procedures as above, the remainder of the area was completed. Throughout the day QC checks were conducted. No discrepancies were noted during QC checks. Final QA acceptance sampling was conducted with no problems noted (see Attachment E). A 948 was issued indicating the entire area had passed QA sampling (see Attachment E).

FINDINGS

One piece of munitions debris, approximately 1/3 of a 37mm armor piercing tracer (APT) round, was certified inert and removed from the site (see photo, Attachment F). Additionally, 100 pounds of non-munitions related scrap was removed over the entire 2-acre site (see photo, Attachment F).

Should you require additional information, please contact Todd Biggs, Task Order Manager, or me at (256) 820-7904.

Sincerely,

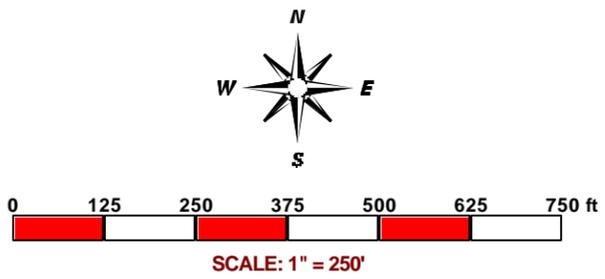
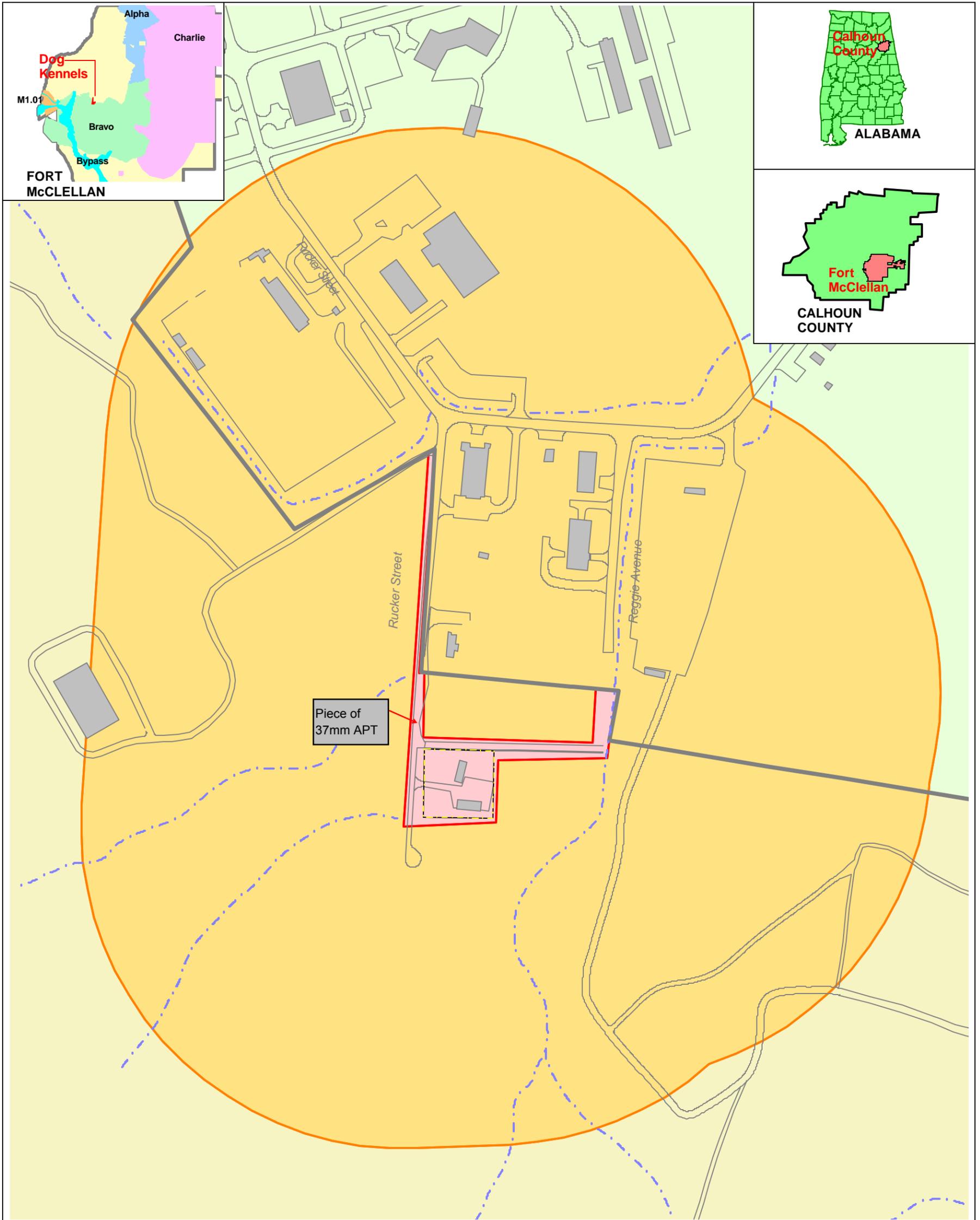


Arthur B. Hoicomb, P.E.
Project Manager

Enclosures:

- Figure 1 – Dog Kennel Clearance Area
- Attachment A – Request for Proposal
- Attachment B – Statement of Work
- Attachment C – ESS and ESS Approval Letter
- Attachment D – Notice to Proceed
- Attachment E – E1 – Contractor Production Report
 - E2 – Daily QC Reports
 - E3 – QC Surveillance Report
 - E4 – 948s
 - E5 – Team Leader Field Log
- Attachment F – Photos

CF: Mr. Dan Copeland, US Army Engineering & Support Center, Huntsville (7 copies)
Dr. John Potter, US Army Engineering & Support Center, Huntsville (1 copy)
Ms. Suzanne Murdock, US Army Engineering & Support Center, Huntsville (1 copy)
Mr. Ron Levy, US Army Garrison, Fort McClellan Transition Force (1 copy)
Mr. Bill Shanks, US Army Garrison, Fort McClellan Transition Force (3 copies)
Ms. Lisa Holstein, US Army Garrison, Fort McClellan Transition Force (9 copies)



LEGEND

- Dog Kennel Clearance Area
- EZ (809') for MPM 2.36" Rocket
- Fence
- Bravo Study Area
- Fort McClellan
- Study Area Boundary
- Roads
- Buildings
- Streams

Figure 1 DOG KENNEL Clearance Area

Fort McClellan,
Calhoun County,
Alabama
May 2004



TETRA TECH FW, INC.

Attachment A

Request for Proposal



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
HUNTSVILLE CENTER, CORPS OF ENGINEERS
P.O. BOX 1600
HUNTSVILLE, ALABAMA 35807-4301

30 July 2003

22

Ordnance & Engineering Team
CEHNC-CT-E

Mr. Art Holcomb
Foster Wheeler Environmental Corporation
4960 Corporate Drive, Suite 140
Huntsville, AL 35805

Dear Mr. Moccia:

In accordance with Contract DACA87-99-D-0010, your company is requested to submit a proposal for the efforts contained in the attached Scope of Work for Ordnance and Explosives (OE) Removal (RA) Water Tank Construction Sites, Bravo Area, Fort McClellan, Alabama, dated 16 July 2003 consisting of 16 pages.

The latest Wage Determination (Inclusive of Hazardous Pay Differential) No. 1994-2001, Revision 21, dated 06/13/2003, is being provided for use in preparing your proposal if needed. Also attached, is the US Army Engineering and Support Center, Huntsville, Wage Determination Interpretation for Hazardous Pay Differential, dated 20 December 2000. Your company should also apply this interpretation in preparing your proposal.

Your proposal should be based on Firm Fixed Price tasks associated with the OE Statement of Work. Your proposal will be evaluated and based on the requirements identified in the enclosed documents.

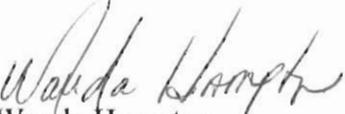
Your proposal should include supporting data in enough detail to permit appropriate review and analysis. To facilitate evaluation, this supporting data (as a minimum) should substantially follow Section B of the contract, Supplies or Services and Prices/Costs. Further, if your proposal exceeds the threshold for certification of cost and pricing data please ensure that the necessary certification is provided with your proposal.

After receipt of your proposal, the Government will review and conduct negotiations on any issues that may be necessary. The Government may then further clarify and describe the work to be performed and any applicable, negotiated terms and conditions.

Your proposal shall arrive no later than 4:00 P.M., central time, on 11 Aug 2003.

Should additional technical information be required, please contact Mr. Dan Copeland at 256-895-1567. For contract information contact Ms. Sandra Carter at 256-895-1317. Facsimile communications may be sent to 256-895-1185.

Sincerely,



Wanda Hampton
Contracting Officer

Encls

Attachment B

Statement of Work

**STATEMENT OF WORK
REMOVAL ACTION
UNEXPLODED ORDNANCE CLEARANCE
FOR THE WATER TANK CONSTRUCTION SITES,
BRAVO AREA
AT FORT MCCLELLAN, AL
Contract No. DACA87-99-D-0010
Modification 3
4 May 2004**

1.0 OBJECTIVE.

This is a performance-based task order. The objective of this task order is to provide a **Clearance-To-Depth at the specified sites**, i.e., to safely locate, identify, remove, and provide final disposition of UXO/OE and OE-related scrap at the site. This removal action (RA) is to be performed prior to finalizing the Bravo Area Engineering Evaluation & Cost Analysis (EE/CA), the Action Memorandum (AM), and the decisions related to final transfer of the property to the Joint Powers Authority (JPA) for use in accordance with the Fort McClellan Land Reuse Plan. **The work shall be accomplished in two separate phases: a) all non-intrusive tasks shall be completed in Phase I and, b) all intrusive tasks shall be completed in Phase II after receipt of an approved conventional Explosive Safety Submission (ESS).**

2.0 BACKGROUND AND GENERAL STATEMENT OF WORK.

The work required under this Scope of Work (SOW) falls under the Defense Environmental Restoration Program, Department of The Army, Base Realignment And Closure Office (DA BRACO). Ordnance and Explosives (OE) exists on property currently owned or leased by the Department of Army. This removal action is being performed in order to prevent delays and impacts to the proposed construction at the three water tank sites on the proposed Anniston Water Works and Sewer Board properties.

The Contractor shall perform an unexploded ordnance clearance of approximately 18.2 acres within Bravo Redevelopment Area sectors M3-1H-Mixed Use Area, M3-1H Grenade Area-PR, and M4-1H-Mixed Use Area. The removal work shall be performed in accordance with the provisions of this Statement of Work, the Fort McClellan Site-Wide OE Work Plan, and the approved site-specific plans and ESS.

2.1. Regulatory Guidance. Explosive ordnance (OE) is a safety hazard and may constitute an imminent and substantial endangerment to the local populace and site personnel. The work shall be performed in a manner consistent with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Section 104, and the NCP. All activities involving work in areas potentially containing unexploded hazards shall be conducted in full compliance with CEHNC, USACE, DA and DoD

requirements regarding personnel, equipment, and procedures. Federal regulations under 29 CFR 1910.120 shall apply to all actions taken at this site.

2.2. UXO Operational Hours. Due to the inherent risk in this type of operation, UXO personnel shall not be engaged in UXO field operations more than 40-hours a week or more than 10-hours a day. Forty-eight hours of rest must separate each 40-hour UXO field operation workweek.

2.3. Recovered Chemical Warfare Materiel (RCWM) and HTRW at OE Response Sites. During OE response, the Contractor may encounter HTRW material or non-stockpile Chemical Warfare Materiel (CWM). In such situations, the following procedures shall apply.

2.3.1. Hazardous Toxic or Radiological Waste (HTRW), unexploded ordnance constituents, or CWM may be in munitions, containers, landfills, Open Burning/Open Detonation (OB/OD) areas, ground spills, surface water or groundwater. If suspected HTRW of unknown origin and nature is encountered, the Contractor shall immediately withdraw upwind from the work area and notify the U. S. Army Engineering and Support Center, Huntsville (USAESCH) OE Design Center. The Contractor shall take necessary actions to protect the safety of his/her workforce, the public, and the environment.

2.3.2. During conventional OE field operations, if the Contractor identifies or suspects CWM, the Contractor shall immediately withdraw upwind from the work area and notify the appropriate personnel as identified in the Standing Operating Procedure for Notification of Incidents and Accidents at Fort McClellan, dated 7 May 2001. The Contractor shall secure the area and provide two personnel located upwind of the suspect CWM to secure the site until relieved by the Technical Escort Unit (TEU) or Explosive Ordnance Disposal (EOD) personnel.

2.4. Site Description. Fort McClellan is located northeast of the City of Anniston, Calhoun County, Alabama. To the west are the areas known as Weaver and Blue Mountain. To the North is the City of Jacksonville. The Talladega Forest is to the east of the post.

2.4.1. The removal action encompasses a 7.15-acre site within the M3-1H-Mixed Use Area and M3-1H Grenade Area-PR located near the northern border of Bravo Area and two sites, one 5.82-acre site and one 6.11-acre site within the M4-1H-Mixed Use Area located in the northern and eastern border of the Bravo Area. The area for UXO clearance consists of approximately 18.2 acres and is divided into three sites as stated above. See Appendix A for a location map of the proposed area of clearance. The access routes leading to the tank sites are not included in this removal action.

2.5. Site History. Fort McClellan has been used for artillery training of troops and the National Guard as early as 1912 to 1941. In 1941, McClellan became site of the Chemical Corps Training Command.

In 1962, the U.S. Army Combat Developments Command Chemical Biological-Radiological Agency moved to Fort McClellan. In 1973, the Chemical Corps School along with the U.S. Army Combat Developments Command Chemical Biological-Radiological Agency closed. In 1979, the U.S. Army Chemical Corps School was re-established, along with a training Brigade for Basic Training.

2.5.1. The area covered by the three sites associated with this RA were used in field training activities, maneuver training, and were also connected with several historical firing ranges (mortars, 2.36" & 3.5" rockets, 37 mm, 40 mm, & 75 mm projectiles, grenades, etc.).

2.6. Current Site Use. The site is currently being managed for timber and wildlife resources. All lands are within the boundary of Fort McClellan. The future use for a portion of site A in M3-1H-Mixed Use Area is designated as development reuse and the remaining portion in of site A in M3-1H Grenade Area-PR and two sites in M4-1H-Mixed Use Area are designated as passive recreation reuse.

2.7. Previous OE Clearances or Characterization. Limited removal actions have been completed at one of the designated sites. Limited sampling activities were conducted for the Bravo Area EE/CA associated with these sectors.

2.8. Potential Ordnance. Table 3-1 from the Bravo Area EE/CA describes UXO/OE items that have been encountered in the vicinity of this site.

2.9. Definitions. (See Section C of basic contract)

3.0 DESCRIPTION OF SERVICES. This is a firm fixed price task order, with one task (Task 15) being Time and Materials pricing.

PHASE I TASKS:

3.1. (TASK 1) TECHNICAL PROJECT PLANNING (TPP). Not Used.

3.2. (TASK 2) DOCUMENTATION REVIEW AND SITE VISIT. Not Used.

3.3. TASK 3) – GEOPHYSICAL PROVE-OUT. The Contractor shall perform a Geophysical Prove-Out (GPO) in accordance with DID OE-005-05a.01 using the existing prove-out grid as established for previous prove-outs. The Contractor shall submit a GPO Work Plan. The Contractor shall submit a GPO Letter Report upon completion of the GPO and shall also include the letter report in the Final Removal Report. The Government will also require 3 additional copies of the GPO Work Plan and Letter Report for submittal to the Alabama Dept. of Environmental Management.

3.4. (TASK 4) PREPARE SITE-SPECIFIC WORK PLAN AND EXPLOSIVE SAFETY SUBMISSION (ESS).

The Contractor shall prepare and submit, for Contracting Officer Approval, a **Site-Specific OE Removal Work Plan (WP)** describing how the required effort on this area will be accomplished. The contractor shall prepare slip pages for the work plan to incorporate the changes necessary to include Mil Std 1916 into the QC Plan. The SSWP shall describe the Contractor's proposed method of accomplishing the required work, in accordance with the Basic Contract, this Statement of Work (SOW), and the Site Wide OE Work Plan. **The Contractor may not begin physically working on the site until the site-specific WP has been approved.** The Contractor shall prepare an ESS in accordance with DID OE-060.01. Intrusive work may not begin until the ESS has been approved by DDES. The Contractor shall prepare an addendum to the Water Tank Construction Sites site-specific work plan for the Auburn Kennel property. The ESS will be prepared by the government.

3.5 (TASK 5) – Geographic Information System (GIS) Application.

The Contractor shall collect and input all survey, geophysical, spatial, and OE descriptive data into a GIS, which matches the Fort McClellan GIS. Further guidance can be found in DID OE-005-14.01. Use of the GIS shall provide a permanent record of all collected data and the logical and clear presentation of such data and records of the OE removal activities for this site for inclusion in the Final Removal Report. Due to the short duration of this removal action, the Contractor will not submit a CD containing GIS data on a monthly basis. The CD will be included only as a submittal in each version of the Final Removal Report.

3.6. (TASK 6) PERFORM OE SURFACE CLEARANCE, BRUSH CLEARING, & VEGETATION REMOVAL.

The Contractor shall provide the necessary personnel and equipment to remove all surface OE, OE scrap and other metallic scrap where these items would interfere with the brush clearing/vegetation removal, surveying, and/or the geophysical mapping or impede the progress, effectiveness, or safety of the survey and/or geophysical investigation team, or affect the data quality. The Contractor shall plan on 18.2 acres of brush clearing at a moderate density of brush and small trees (< 6-inch diameter). The contractor shall perform a surface clearance on an additional 2 acres in the Auburn kennels area as shown on the attached map.

3.7. (TASK 7) PERFORM LOCATION SURVEYS.

The Contractor shall perform location surveys as described in the approved Work Plan and in general accordance with guidance contained in DID OE-005-07.01, Location Survey and Mapping Plan. The coordinate system used for this task order shall be the Alabama State Plane coordinate system. A licensed Professional Land Surveyor in the State where the work is being performed shall certify all surveying products to include all control points, grid corners and boundaries as required by the project. The Contractor shall use the perimeter coordinates supplied by Fort McClellan to geolocate the required

grid corners. All survey data shall be included in the Site Specific Removal Report and entered in the GIS database. The contractor shall use GPS to locate the corners of the additional property to be surface cleared in the area of the Auburn kennels.

3.8 (TASK 8) - GEOPHYSICAL INVESTIGATION AND EVALUATION. The Contractor shall implement geophysical investigations as described in the approved Work Plan and DID OE-005-05.01.

For the specific areas under this task order, the Government estimates that the average total of target anomalies per acre are:

75 metallic items that fit the target objective acceptance box/acre

3.8.1. Geophysical Mapping. The contractor shall plan on mapping approximately 18.2 acres. The smallest targeted UXO/OE items for geophysical detection are as listed below:

Sector M3-1H Mixed Use Area-D - 37mm HE
Sector M4-1H Mixed Use Area-PR - 37mm HE
Sector M3-1H Grenade Area-PR - 37mm APC

3.8.2. Evaluation. The Contractor shall utilize a qualified geophysicist to analyze and evaluate the geophysical data collected. The geophysicist shall make a professional determination regarding the identification of all target anomalies at the site. Based on this determination, the Contractor shall provide to the Government and the OE Contractor, dig-sheets showing predicted location and characteristics of all target anomalies (See 3.8.3 below for target anomaly definition). The dig sheets shall include tables as well as graphical representations (geophysical maps). In addition, a project geophysicist shall continually compare predicted results with actual excavation results so that the Contractor's geophysical evaluation methodology is constantly refined over the life of the project.

3.8.3. Anomaly Selection. Anomalies that meet the established target anomaly selection criteria for OE in each sector will be identified for excavation. The equation: Estimated Detection Depth (meters) = $11 * \text{Diameter (mm)} / 1000$ defines the target objectives that shall be removed under this task order. The range of items to be detected are:

Sector M3-1H Mixed Use Area-D - 37mm HE to 3.8 in shrapnel projectile
Sector M4-1H Mixed Use Area-PR - 37mm HE to 3.8 in shrapnel projectile
Sector M3-1H Grenade Area-PR - 37mm APC to 3.8 in shrapnel projectile

The site will be cleared of all UXO/OE, practice ordnance items, cultural scrap larger than the specified target items, range targets, etc. Geophysically identified underground utilities on, or immediately adjoining the site boundaries, will not be excavated. The Contractor's site geophysicist(s) and senior UXO technician will evaluate each such buried utility geophysical map to ensure no potential OE target items are distinguishable in or adjacent to the backfill of such utilities. If the Contractor identifies a potential OE target in such an area of a buried utility, the Contractor shall investigate the target.

Target anomalies shall also be identified and selected for excavation to satisfy QC requirements for the geophysical data analysis. The particular QC approach for this project shall be as described in the approved existing Site Specific Work Plan and/or the amendment to the Work Plan. The Government may also identify and select target anomalies for excavation to satisfy QA requirements. Government selected QA target anomalies will be investigated as part of the Government's QA program after each grid or group of grids has been submitted for QA review.

3.9. (TASK 9) ANOMALY REACQUISITION AND MARKING. For the sectors where digital geophysical mapping is used under this removal action, the Contractor shall reacquire all selected geophysical target anomalies identified on the dig sheet. Dig sheets shall be provided to the Contracting Officer's QA representative and the OE Contractor on the day of the UXO/OE removal action for each grid. An example dig sheet is included as an attachment in DID OE-005.05.01. The Contractor shall flag the actual field location of each identified anomaly shown on the dig sheet and mark the location with a non-metallic pin flag or by some other method as specified in DID OE-005-05.01 or as approved by the Contracting Officer. The Contractor shall ensure that the reacquired location and the geophysical data location for each anomaly are within the range of accuracy given in DID OE-005-05.01. The Contractor shall record and report all discrepancies between original mapped locations (way-pointing) of anomalies as shown on the dig-sheet, and actual locations of the reacquired anomaly excavated. All such reporting shall include distance and orientation from grid north.

PHASE II TASKS:

3.10. (TASK 10) PERFORM UXO/OE CLEARANCE –REMOVAL ACTION.

3.10.1. Perform UXO Clearance. The Contractor shall perform a Clearance-To-Depth. The Contractor shall provide the necessary personnel and equipment to locate, gain access, identify, recover, certify and temporarily store OE Scrap recovered from this site.

3.10.2. The procedures used under this task shall comply with those contained in Basic Safety Concepts and Considerations for Ordnance and Explosives Operations and the approved WP. If demolition operations cannot be safely conducted on-site, the Contractor shall submit a disposal feasibility letter for Contracting Officer approval, in accordance with DID OE-040.01. All transportation and demolition of UXO shall be in accordance with all applicable Federal, State, and local laws and regulations, including the disposal alternative approved by the Contracting Officer. The Contractor shall use engineering controls for intrusively investigating anomalies in areas where inadequate safety distance is available for the designated exclusion zone(s). Any such requirement will be considered a change of scope and require modification to the statement of work.

3.10.3. Intrusive Anomaly Investigation and Removal. The Contractor shall

excavate all target anomalies identified and re-acquired during the geophysical investigation and as directed by the Contracting Officer.

3.10.4. OE Destruction. The Contractor shall be responsible for destroying all live or potentially live OE encountered during the site removal action. The Contractor shall use the method of destruction in the approved project Site-Specific Work Plan. If UXO is encountered that cannot be moved due to its condition and the location prevents disposal in place, then the on-site USACE OE Safety Specialist or the Transition Force shall be notified

3.10.5. Backfilling Excavations. All access/excavation/detonation holes shall be backfilled and restored to the surrounding ground level by the Contractor.

3.10.6. OE Accountability. The Contractor shall maintain a detailed accounting of all OE items encountered and enter such data into the GIS database. This accounting shall include the standard official nomenclature, condition of the item, depth located, orientation of item, location coordinates, and disposition of each item. A digital photograph of each UXO/OE item shall also be taken and entered into the GIS database.

3.10.7. Disposition of OE and OE Scrap. The Contractor shall furnish all necessary personnel and equipment to collect and remove all recovered OE/OE Scrap to the Fort McClellan scrap storage area. All scrap will be handled in accordance with 3.10.9.

3.10.8. Perform Quality Control. The Contractor shall furnish the necessary personnel and equipment to administer a Quality Control (QC) Program to manage, control, and document Contractor and subcontractor activities to ensure compliance with contract requirements. Quality Control shall be performed in accordance with MIL STD 1916, 1 April 1996. The QC activities shall be documented and included in the Site-Specific Final Removal Report.

3.10.8.1. The criterion for accepting grids that have completed surface and subsurface clearance is:

a) No ferrous objects with a "width" (diameter) between a 37 mm projectile and a 3.8 in projectile, at a depth of less than 11 diameters of the object.

3.10.9. Inspection and Disposition of AEDA/Range Residue.

The Contractor shall furnish all necessary personnel and equipment to inspect and temporarily store all recovered OE scrap and Ammunition, Explosives, and Dangerous Articles (AEDA) and Range Residue. The methodology to accomplish this task shall be in accordance with the existing Site-Specific Work Plan and/or any addition as proposed in the Site-Specific WP. Final disposition will be handled under a separate task order.

3.11. (Task 11) QUALITY CONTROL PLAN. Not Used.

3.12. (Task 12) ENVIRONMENTAL SAMPLING AND CHEMICAL ANALYSIS. Not Used.

3.13. (TASK 13) PREPARE SITE-SPECIFIC REMOVAL REPORT.

3.13.1. The Contractor shall prepare a Site-Specific Removal Report that fully documents all activities performed under this Contract in accordance with DID OE-030.01, except that the appendices will have no headers and footers. The Contractor shall modify the report format to add, modify, or delete sections to the report, which may be required to completely and clearly present the removal information. In addition to the standard requirements for reporting, the Contractor shall furnish separate maps in the report showing the locations of specific items in each category/grouping/type of items located and removed from the site, to include: UXO, OE, OE scrap (only in areas geophysically mapped), and Non-OE Scrap (only in areas geophysically mapped). The Contractor shall also report any anomalies that could not be reacquired and false positives above 15%.

The Contractor should anticipate providing a preliminary Army only "draft", Draft, Draft-Final, and Final versions of the report. All versions of the removal report text and maps shall be issued in hard copy, with all data, appendices, etc furnished on CD-ROM. The Final document will be issued upon resolution of all comments and acceptance of the document by the appropriate agencies.

3.13.2. OE Removal Data. The contractor shall assemble all the detailed project information and data for inclusion into the Site-Specific Removal Report as an appendix/appendices. Separate volumes for the appendices are acceptable. This data shall include all detailed sampling data, surveying data, mapping data, OE data, and any other supporting removal/clearance data. The data shall fully detail the OE removal action that was performed at the site. All data will be cross-referenced in the GIS. This data shall provide the detailed support documentation for the Site-Specific Removal Report.

The contractor shall provide a letter report that fully documents all activities performed and items found under the surface clearance for the Auburn kennel area.

3.14. (TASK 14) MEETINGS. The Contractor shall, as directed by the Contracting Officer, participate in three (3) on-site, on-board technical review meetings. Appropriate Contractor personnel shall be available to support these meetings.

3.15. (TASK 15 - Time & Materials). PROVIDE SUPPORT FOR GOVERNMENT QUALITY ASSURANCE EFFORT.

The Contractor shall provide personnel and equipment as necessary to support the Government QA effort. The Contractor should anticipate that the field QA review of Contractor submitted grids will begin after approximately 10% of the total number of

girds have been submitted and will continue for up to 1 week after the Contractor has completed QC of all grids. The Contractor support will include UXO technician assistance to conduct intrusive investigation of anomalies identified during the QA process and demolition of any UXO items discovered as a result of the QA operations.

4.0 SUBMITTALS AND CORRESPONDENCE

4.1. Format and Content of Reports. The Contractor shall prepare a Site-Specific Work Plan, Explosive Safety Submission, and a separate Site-Specific Removal Report for this site.

The Contractor's OE Task Order Manager and the Project Manager/Engineer shall each sign all submittals (draft, draft-final, and final) indicating that all appropriate contractor technical reviews have been conducted. The Final version of each document shall be signed and sealed by a registered engineer in the State of Alabama.

4.2. Computer Files. All text files generated by the Contractor under this contract shall be furnished to the Contracting Officer in Word 6.0/95 or higher software, IBM PC compatible format. This format shall facilitate the development of hypertext markup language (HTML) or PDF deliverables required in the following paragraph. All final CADD/GIS data, design drawings and survey data generated by the Contractor under this delivery order shall be submitted in the proper format and media that will permit their loading, storage, and use without modification or additional software on the Huntsville Center and or the Fort McClellan GIS. CADD files will be in Micro Station version "J" or "8". The GIS will be in ArcView®.

4.3. HTML or PDF Deliverables. All submittals identified in this SOW including the final version of the removal report shall be submitted, uncompressed, on individual CD ROM in HTML or PDF along with a linked table of contents, linked tables, linked photographs, linked graphs and linked figures included and suitable for viewing on the Internet.

4.4. Review Comments. Various reviewers will have the opportunity to review submittals made by the Contractor under this contract. The Contractor shall review all comments received from the Contracting Officer and evaluate their appropriateness based upon their merit and the requirements of the SOW. The Contractor shall issue to the Contracting Officer a formal, annotated response to each comment in accordance with the schedule in paragraph 4.14.

4.5. Draft Reports. Each page of draft reports shall be stamped "DRAFT". All submittals after the "Draft" version shall include incorporation and notation of all previous review comments accepted by the Contractor. Draft-Final submittals shall only show the "Draft-Final" status on the cover and title sheet of the submittal. This process should allow for most corrections between the Draft-Final and the Final document to be made by page inserts/replacements.

4.6. Identification of Responsible Personnel. Each report shall identify the specific members and title of the Contractor's staff and subcontractors that had significant, specific input into the reports' preparation and review.

4.7. Minutes of Meetings. The Contractor shall prepare and submit minutes of all meetings attended to the Contracting Officer within 10 calendar days.

4.8. Correspondence. The Contractor shall keep a record of each phone conversation and written correspondence affecting decisions relating to the performance of this Task Order. A log of the phone conversations, e-mails, and written correspondence shall be submitted in conjunction with the Monthly Progress Report to the Contracting Officer.

4.9. Project Control and Reporting. The Contractor shall conform to the Site-Wide Work, Data, and Cost Management Plan.

4.10. Weekly Progress/Project Status Reports. A weekly progress report shall be submitted in accordance with DID OE-085.01 to the Contracting Officer. Failure to report issues to the Government in a timely manner that impact the project will result in corrective action from the Contracting Officer.

4.11. Monthly Progress Report and Data Submittals. The Contractor shall prepare and submit a Monthly Progress Report LAW DID OE-080.01 to the Contracting Officer describing the work performed since the previous report, work currently underway and work anticipated and any issues that will impact the project. Any weekly reports provided shall be incorporated into the Monthly Progress Reports. The report shall state whether current work is on schedule and within budget. If the work is not on schedule or within budget, the Contractor shall state what corrective actions are being taken in order to get back on-schedule and within budget. The report shall be submitted not later than the 10th day of the following month. Due to the short duration of this removal action, the Contractor will not submit a CD containing GIS data on a monthly basis. The CD will be included only as a submittal in the Final Removal Report.

4.12. Public Affairs. The Contractor shall not make available or publicly disclose any project data or reports generated or reviewed under this contract or any subcontract unless specifically authorized by the Contracting Officer, the Public Affairs Office (PAO) of the U. S. Army Engineer District, and/or the OE Design Center PAO. When approached by any person or entity requesting information about the subject of this contract, the Contractor shall defer to the PAO for response. Reports and data generated under this contract shall become the property of the Government and distribution to any other source by the Contractor is prohibited unless authorized by the Contracting Officer.

4.13. On-Site Coordination. The Contractor shall keep the Contracting Officer's on-site representative informed of day-to-day field activities occurring on site. Where Contractor activities are likely to require coordination with various other activities at the site, the Contractor shall notify the POC identified by the Contracting Officer sufficiently

ahead of time to allow for coordination activities to take place.

4.14. Schedule and Submittals. The Contractor shall submit all deliverable data to the Contracting Officer and other reviewers shown in Section 4.14.1 IAW the following schedule. All submittals shall be delivered to all addressees no later than the close of business (COB) on the day indicated in Section 4.14.2. In addition, submittals to regulatory reviewers shall be shipped by registered mail or other method where a signed receipt is obtained indicating the date received and the individual accepting the submittal.

4.14.1. The Contractor shall furnish copies of the plans and reports as indicated to each addressee listed and in the quantities indicated.

<u>ADDRESSEES For Reports/Work Plan</u>	Draft	Draft-Final	Final
Commander US Army Engineering and Support Center, Huntsville ATTN: CEHNC-OE-DC (Mr. Dan Copeland) 4820 University Square Huntsville, Alabama 35816-1822	6	6	6
Commander US Army Engineering and Support Center, Huntsville ATTN: CEHNC CT-E (Ms. Evelyn Kelley) 4820 University Square Huntsville, Alabama 35816-1822	1	1	1
Commander US Army Engineer District, Mobile ATTN: CESAM (Mr. Ellis Pope) P.O. Box 2288 Mobile, AL 36628-0001	0	0	0
Commander US Army Engineer Division, South Atlantic ATTN: CESAD-PM-H (Ms. S. Ernst) 77 Forsyth St., SW Atlanta, GA 30335-6801	0	0	0
ATTN: Mr. Doyle Britain U.S. Environmental Protection Agency 61 Forsyth St, SW	0	0	0

Atlanta, GA 30303-3104

Hugh Vick 0 0 0
171 North Broad St.
Winder, GA 30680

Alabama Department of Environmental Management 3 3 3

Government Facilities Section, Haz
Waste Branch, Land Division
ATTN: Mr. Phillip Stroud
P.O. Box 301463
Montgomery, AL 36130-1463
U.S. Army Garrison 6 6 9
ATTN: ATZN-ENV, Lisa Kingsbury
291 Jimmy Parks Blvd.
Fort McClellan, AL 36205-5000

Shaw Group 0 0 1

4.14.2. Contract Deliverables.

Deliverables	Date
Draft Slip Pages for Site Specific Work Plan	5 days after award
Final Slip Pages for Site Specific Work Plan	5 days after receipt of comments
Draft Site-Specific Work Plan/ESS	21 days after NTP
Draft-Final Specific Work Plan/ESS	10 workdays after receipt of com'ts
Final Site-specific Work Plan/ESS	10 workdays after receipt of com'ts
Draft Site-Specific WP for Kennel Area	5 days after award
Final Site-Specific WP for Kennel Area	2 days after receipt of comments
Draft Site-Specific Removal Report	30 days after completion of fieldwork
Draft-Final Site-Specific Removal Report to DDESB/FMC	10 days after receipt of com'ts
Final Site-Specific Removal Report	1 week after receipt of final com'ts

Draft Letter Report for Kennel Area	2 days after completion of fieldwork
Final Letter Report for Kennel Area	1 week after receipt of draft comments
Report/Minutes, Record of Meeting IAW DID OE-045.01 to CO	5 days after event
Monthly GIS Update IAW Section 3.5 of this SOW To CO	Monthly
Monthly Status Report IAW DID OE-080.01 To CO	Monthly
Weekly Status Report IAW DID OE-085.01	Weekly
Cost/Schedule Status Report IAW DID OE-035.01 to Contracting Officer (CO)	Monthly
Telephone Conversation/Correspondence Report IAW DID OE-055.01 to CO	Monthly
Accident/Incident Report IAW the DID OE-015.01 to CO	Written report within 24 hours after incident occurrence

In addition to the hard copies required above, the final WP and the final Report shall be forwarded on a CD-ROM in Microsoft Word format to CEHNC-OE-DC only, 6 copies each.

OVERALL COMPLETION DATE

30 September 2004

4.15. Contract DIDs. The DIDs listed below at Section 7.0, References, and on the following web site have submission requirements that may be applicable to this SOW. The DIDs are available on the USAESCH Web Page at <http://www.hq.usace.army.mil/ocw/policy/dids/didindx>.

4.16. Quality Assurance. In addition to the QC process by the Contractor, the Government shall perform Quality Assurance (QA) on all phases and types of work done on the project to ensure safety, quality workmanship, proper procedures, and quality products.

In order to evaluate the effectiveness of the geophysical investigation and evaluation

methods utilized by the Contractor, the Contracting Officer may direct an independent contractor provided by the Government or may provide Government personnel to independently map, evaluate, locate and access some detected subsurface anomalies as deemed necessary or may flag portions of the contractor work areas that are intrusively investigated under this Task Order. All grids that fail the grid QA criteria will be evaluated and addressed IAW the Contracting Officer's determination. All QA failures will be documented with the corrective action taken reported in the Site-Specific Removal Report.

6.0 SPECIAL INSTRUCTIONS.

6.1. During field activities on ordnance projects, hardhats need not be worn unless a head injury threat is present.

6.2. Contractor UXO/OE sweep personnel shall have no metal parts in or on their footwear or wear large metal belt buckles while performing geophysical mapping or removal operations.

7.0 REFERENCES.

7.1. Engineering Evaluation/Cost Analysis, Bravo Area of the Redevelopment Area, Fort McClellan, Alabama, (Nov 2002 Draft)

7.2. National Contingency Plan, 40 CFR 300.

7.3. Federal Acquisition Regulation, F.A.R. Clause 52.236-13: Accident Prevention.

7.4. EM 385-1-1, *U.S. Army Corps of Engineers Safety and Health Requirements Manual*, 3 September 1996.

7.5. EM 1110-1-4009, *Ordnance and Explosives*, 23 Jun 2000.

7.6. ER 385-1-92, U.S. Army Corps of Engineers, Safety and Occupational Health Document Requirements for Hazardous, Toxic, and Radioactive Waste (HTRW) Activities, 01 Sep 2000.

7.7. Occupational Safety and Health Administration (OSHA) General Industry Standards, 29 CFR 1910 and Construction Industry Standards, 29 CFR 1926; especially 1910.120/29CFR1926.65-Hazardous Waste Site Operations and Emergency Response.

7.8. NIOSH/OSHA/USCG/EPA, Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities, October 1985. (DHHS (NIOSH) Publication No. 85-115).

7.9. OE DIDS

- DID OE-005-05.01 Geophysical Investigation Plan
- DID OE-005-06.01 Site Safety and Health Plan
- DID OE-005-07.01 Location Surveys and Mapping Plan
- DID OE-005-08.01 Work, Data, and Cost Management Plan
- DID OE-005-09 Property Management Plan (Not normally required for EECA)
- DID OE-005-11.01 Quality Control Plan
- DID OE-005-14.01 Geographic Information System
- DID OE-015.01 Accident reports
- DID OE-025.01 Personnel and Work Standards
- DID OE-030.01 Site Specific Final Report
- DID OE-040.01 Disposal Feasibility Letter Report
- DID OE-045.01 Report /Minutes, Record of Meetings
- DID OE-055.01 Telephone Conversations/Correspondence Records
- DID OE-080.01 Monthly Status Report
- DID OE-085.01 Weekly Status Report
- DID OE-005-05A.1 Geophysical Prove-out Plan

7.10. Archive Search Report

7.11. EM 200-1-2, *Technical Project Planning (TPP) Process*, 31 Aug 1998

7.12. EPA 540-R-92-021, *Guidance for Performing Site Inspections Under CERCLA*, September 1992

7.13. Code of Federal Regulations. [n.d.] *Hazardous Waste Operations and Emergency Response*. 29 CFR 1910.120, Final Rule.

7.14. *CERCLA Compliance With Other Laws Manual*. Parts I (August 1988) and II (August 1989) Parts I and II.

7.15. ER 1110-1-8153, *Ordnance and Explosives Response*, 14 May 1999.

7.16. EP 1110-1-24, *Establishing and Maintaining Institutional Controls for Ordnance and Explosives (OE) Projects*, 15 December 2000.

7.17. EP 385-1-95a, *Basic Safety Concepts and Considerations for Ordnance and Explosives Operations*, 29 June 2001.

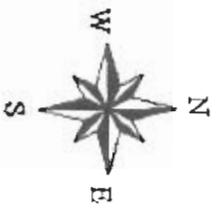
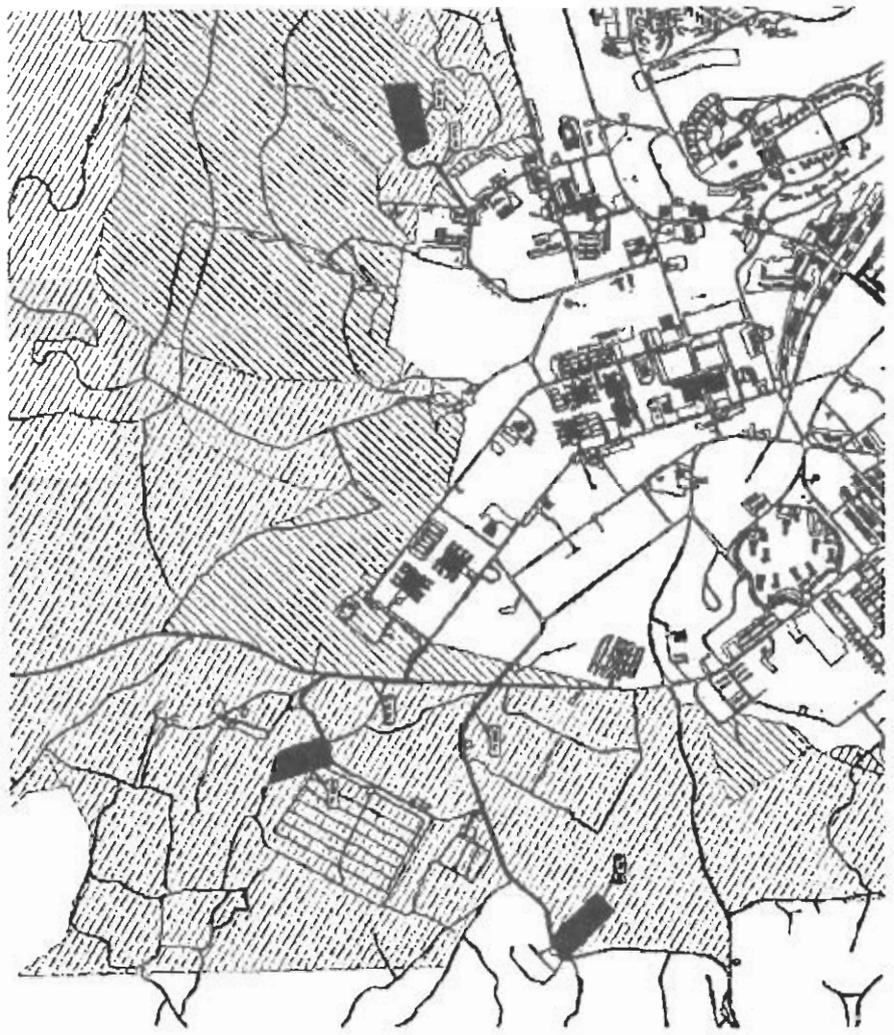
7.18. EP 1110-1-18, *Ordnance and Explosives Response*, 24 April 2000.

7.19. ERDC TR-01-13, *Distribution and Fate of Energetics on DOD Test and Training Ranges: Report I*, September

APPENDIX A
LOCATION MAP

UXO at AWWWSB Tank Sites

- Legend**
- Roads
 - Buildings
 - Tank Sites/Easements
 - OE Clearance
 - Clearance to 1 ft
 - Clearance to Depth
 - No Further Action



Attachment C
ESS & ESS Approval Letter



DEPARTMENT OF THE ARMY
HUNTSVILLE CENTER, CORPS OF ENGINEERS
P.O. BOX 1600
HUNTSVILLE, ALABAMA 35807-4301

REPLY TO
ATTENTION OF:

CEHNC-MM-CX

MAY 05 2004

MEMORANDUM FOR U.S. Army Technical Center for Explosives Safety,
Explosives Safety Knowledge, OE and Chemical Division, ATTN:
SJMCM-ESM (Mr. Cliff Doyle), Building 35, 1C Tree Road,
McAlester, OK 74501-9053

SUBJECT: Time Critical Removal Action (TCRA) Explosives Safety
Submission (ESS) Fort McClellan, Bravo Area, Dog Kennel Sites
Fort McClellan, AL

1. References:

a. Engineer Pamphlet 385-1-95b, Explosives Safety
Submissions.

b. DoD 6055.9-STD, Ammunition and Explosives Safety
Standards.

c. Memorandum, Headquarters, U.S. Army Corps of Engineers,
ATTN: CESO-E, subject: Headquarters, Corps of Engineers
Delegation of Authority, 25 March 2003.

2. Enclosed is the Time Critical Removal Action (TCRA)
Explosives Safety Submission (ESS) for the subject location.

3. The nature of work that will be performed under this TCRA
ESS is a surface clearance of approximately two (2) acres to be
utilized for canine training that is being requested by Homeland
Security. This work will be accomplished during weekends to
minimize the impact on buildings that are occupied during the
workweek.

4. The Military Munitions Center of Expertise (MM-CX) has
reviewed and approved this Time Critical Removal Action for the
Ordnance and Explosives Design Center, Huntsville, AL.

MAY 05 2004

CEHNC-MM-CX

SUBJECT: Time Critical Removal Action (TCRA) Explosives Safety Submission (ESS) Fort McClellan, Bravo Area, Dog Kennel Sites, Fort McClellan, AL

5. The MM-CX is submitting the TCRA ESS to you in order to obtain DDESB approval of its siting aspects, specifically:

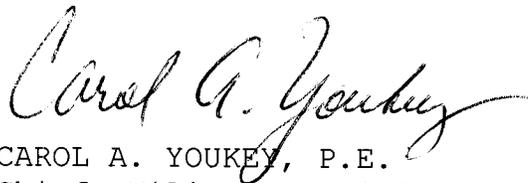
a. Magazine areas (see Figure 1 at Enclosure A): The magazine to be utilized has previously been established for the on going work at Fort McClellan covered under the approved ESS dated November 2003,

b. Intrusive Work Area (see Figure 2 at Enclosure A),

c. Intentional Detonation Areas (see Figure 2 at Enclosure A).

6. DDESB siting approval is requested as soon as possible. Surface clearance must be completed prior to 7 June 2004.

7. If you have any questions, please contact Mr. John Younghans at (256) 895-1513.



CAROL A. YOUKEY, P.E.
Chief, Military Munitions Center
of Expertise for the Ordnance
and Explosives Directorate

Encl

CF:

Commander, U.S. Army Corps of Engineers, ATTN: CESO-SWD (Ms. Blanca Roberts), 441 G Street, NW., Washington, DC 20314-1000

EXPLOSIVE SAFETY SUBMISSION
FOR A TIME-CRITICAL REMOVAL ACTION
Ft. McClellan, Bravo Area, Dog Kennel Sites
Ft. McClellan Alabama

1. SITE:

- a. Name: Fort McClellan FUDS#:
- b. Location: Anniston
- c. State: Alabama
- d. County:

2. ANTICIPATED DATES:

- a. Start: 1 June 04
- b. Complete: 14 June 04

3. PURPOSE: To safely locate, identify, recover, and dispose of all Munitions and Explosives of Concern (MEC) on the surface. This TCRA is being initiated to clear MEC that may endanger the land user during site use activities, which will be used as a canine training center for Home Land Security to be conducted at Ft McClellan.

4. EXECUTING AGENCIES:

- a. Corps District: POC: Tele:
- b. Huntsville: POC: Dan Copeland Tele: 256-895-1567
- c. Contractor: Foster Wheeler POC: Todd Biggs Tele: 256 820 7904

5. SCOPE OF REMOVAL ACTION:

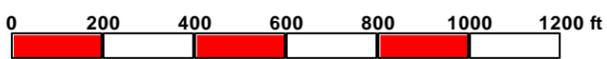
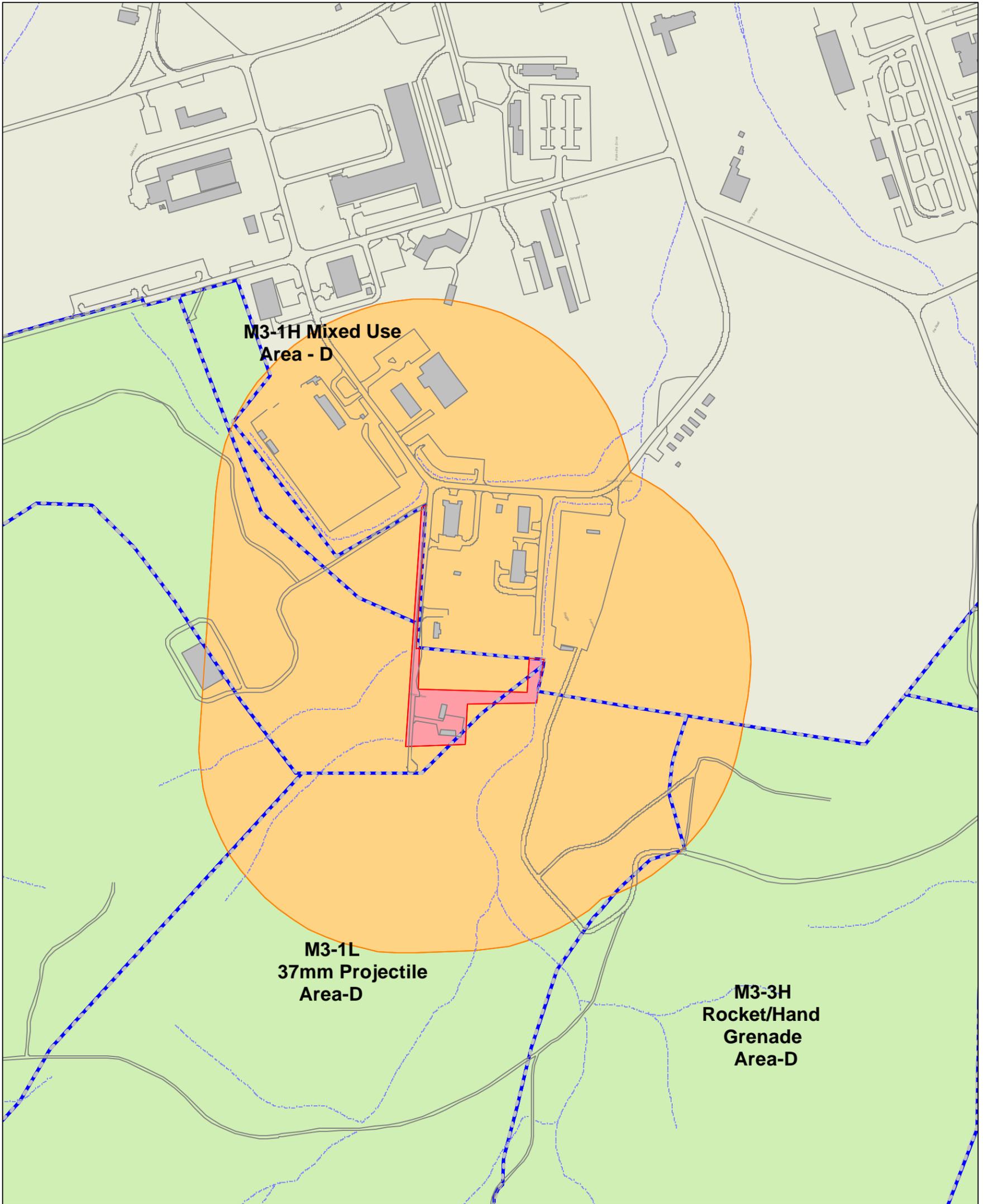
- a. Number of Area: 1
- b. Total Acres: 2
- c. Removal Depths: Surface Clearance

6. SAFETY CRITERIA: Bravo Area Dog Kennel Site. Work will be conducted on a week end or when the buildings inside the exclusion zone are unoccupied.

- a. Munition item with greatest Fragmentation Distance: 2.36 inch Rocket, Heat
Calculated Maximum Fragmentation Range: 809 ft
- b. Q-D: OE Area Minimum Separation Distances: 809 ft.
Team Separation Distance: 200 ft.
- c. Q-D Intentional Detonation Activities: 809 ft. *
- d. Q-D Explosive Storage Magazine: All demolition materiel will be stored in FWENC's approved magazine located on Fort McClellan. The two magazines have been approved for use by Memorandum, Department of Defense Explosives Safety Board (DDESB), DDESB-KO, 31 October 2001, Subject: Site Plan and Final Safety Submission for Storage Facility for Ordnance and Explosives Disposal Support, Fort McClellan, AL. Magazine 1 has a 280-lb Net Explosive Weight (NEW) HD 1.1 limit; magazine 2 has a 20-lb limit. An Inhabited Building Distance IBD arc of 1085 feet applies
- e. DDESB Approved Engineering Controls in use: * For intentional detonations, the contractor will use the sand bag method for controlling blast and fragments IAW

HNC-ED-CS-98-7. All residences within the 809-foot MSD will be evacuated on an as needed basis during OE field operations.

7. Field operational safety principals are contained in EP 385-1-95a, Basic Safety Concepts and Considerations for Ordnance and Explosives Operations, 29 June 2001, located at: <http://www.usace.army.mil/inet/usace-docs/engpamphlets/ep385-1-952/toc.htm>
8. Maps: See attached



SCALE: 1" = 400'

LEGEND

-  EZ (809') for MPM 2.36" Rocket
-  Dog Kennel Clearance Area
-  Bravo EE/CA Area Sectors
-  Roads
-  Buildings
-  Lakes
-  Streams
-  Fort McClellan

Figure 1

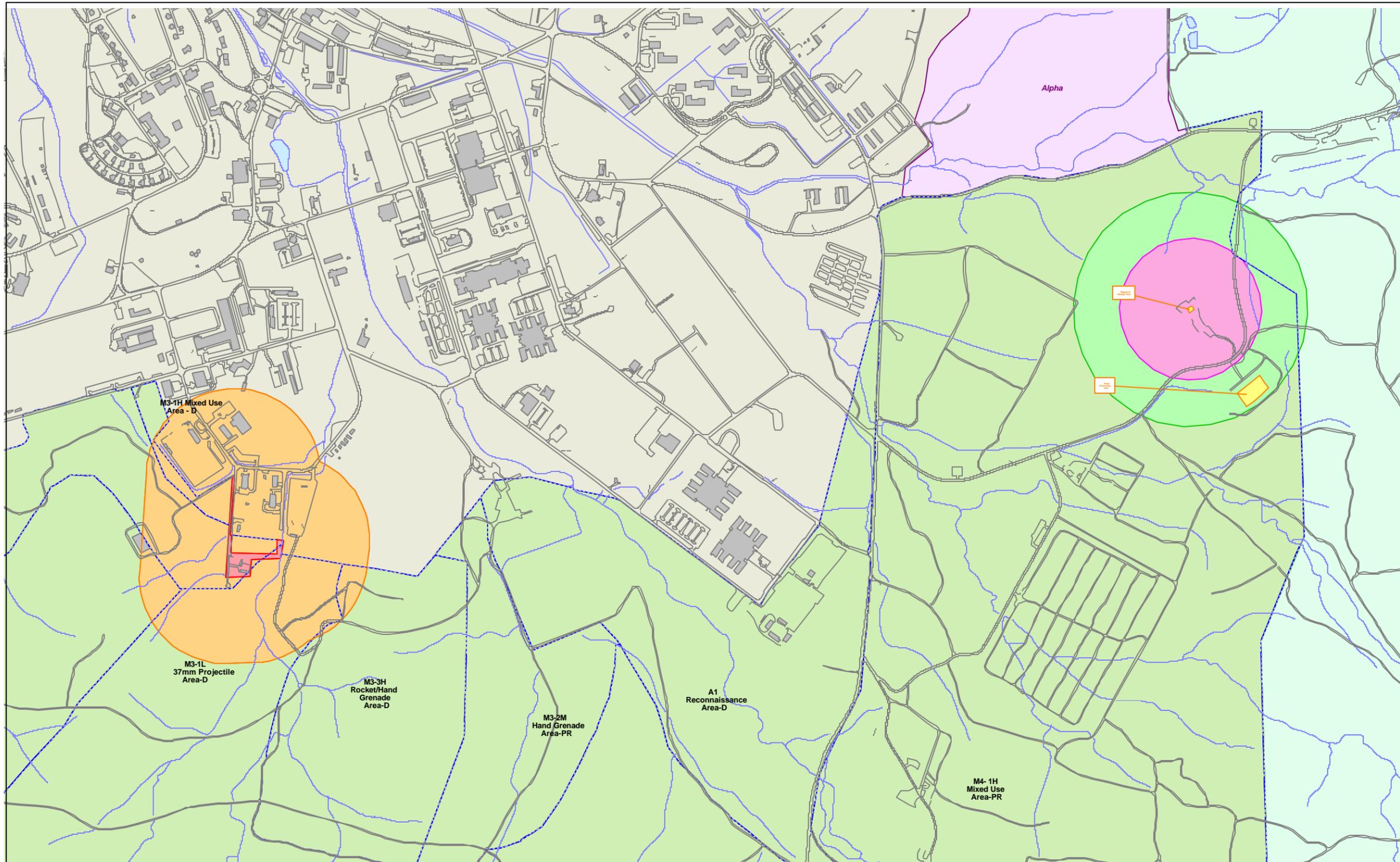
Dog Kennel Clearance Area

Fort McClellan,
Anniston,
Calhoiun County,
Alabama

May 2004



TETRA TECH FW, INC.



Fort McClellan

ALABAMA



CALHOUN COUNTY

Fort McClellan



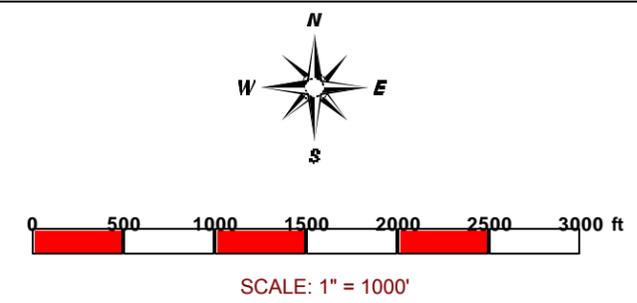
Figure 2
QD Arcs of Magazine Storage and Dog Kennel Area

Fort McClellan
 Calhoun County
 Alabama

May 2004



FM: WWM



LEGEND

- | | | |
|---|------------------------------|----------------|
| EZ (1250') for Inhabited Buildings | Bravo EE/CA Area and Sectors | Fort McClellan |
| EZ (750') for Public Roadways | Alpha EE/CA Area | Roads |
| Magazine Storage / Scrap Processing Areas | Charlie EE/CA Area | Buildings |
| Dog Kennel Clearance Area | | Streams |
| EZ (809') for MPM 2.36" Rocket | | Lakes |

MAY 26 2004

MEMORANDAM FOR Chief, Design Center for Ordnance and Explosives Directorate, Huntsville, Alabama

SUBJECT: Time Critical Removal Action (TCRA) Explosives Safety Submission (ESS), Fort McClellan, Bravo Area, Dog Kennels, Fort McClellan, AL

1. The subject Safety Submission has been reviewed and is approved with the following conditions:

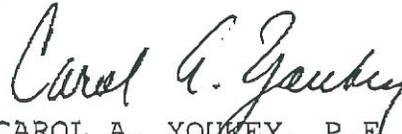
a. A copy of Technical Paper 16 (TP 16) will be available on-site.

b. A copy of HNC-ED-CS-S-98-7 "Use of Sandbags for Mitigation of Fragmentation and Blast Effects Due to Intentional Detonation of Munitions" must be maintained and available on-site.

c. Any changes to the approved procedures for execution of this project, will require an amendment to the ESS.

2. This approval is contingent on the Final Approval from Department of Defense Explosives Safety Board (DDESB).

3. If you have any questions, please contact Mr. John Younghans at (256) 895-1513.



CAROL A. YOUKEY, P.E.
Chief, Military Munitions Center
of Expertise for Ordnance and
Explosives Directorate

Attachment D
Notice to Proceed



REPLY TO
ATTENTION OF:

DEPARTMENT OF THE ARMY
HUNTSVILLE CENTER, CORPS OF ENGINEERS
P.O. BOX 1600
HUNTSVILLE, ALABAMA 35807-4301

May 24, 2004

RECEIVED
MAY 26 2004

Design Center for Ordnance
and Explosives Directorate

Subject: Contract Number DACA87-99-D-0010, Task Order 0022,
Water Tank Construction Sites Removal Action, at Fort McClellan,
AL

Foster Wheeler Environmental Corporation
ATTN: Mr. Art Holcomb, Program Manager
291 Jimmy Parks Blvd
Building 215
Fort McClellan, Alabama 36205

Mr. Holcomb:

The U. S. Army Engineering and Support Center, Huntsville (USAESCH) and the Fort McClellan Transition Force have reviewed and approved the Final "Revision 2" (Dog Kennel Area) of the "Site Specific Work Plan, Ordnance and Explosives (OE) Removal Action for the Water Tank Construction Sites of Fort McClellan, Alabama".

The Time Critical Removal Action for the Dog Kennel Area has been approved by the Ordnance and Explosives Center of Expertise.

You are authorized to begin the surface clearance on the Dog Kennel Area upon our receipt of the Final Revision 2 to the work plan.

If you have any questions, please contact Mr. Dan Copeland, (256) 895-1567 or FAX (256) 895-1378.

Sincerely,

Houston Townsend
Contracting Officer

Attachment E1
Contractor Production Report

CONTRACTOR PRODUCTION REPORT				Date	
				5/26/2004	
Contract Number		Location		Report Number	
DACA 87-99-D-0010		Fort McClellan Project		1	
Contractor			Site SUXOS/Superintendent		
Foster Wheeler Environmental Corporation			C. Doak		
AM Weather	PM Weather	Max Temp	Min Temp	Precip	
Cloudy	Clear	87 °F	67 °F	0	
For work performed see attached personnel breakdown sheet.					
Job Safety	Was Job Safety meetings held this date? (If yes attach copy of minutes)			Yes, see daily health and safety report	
	Were there any lost time accidents this date? (If yes attach copy of OSHA report)			No	
	Was trenching/scaffold/HV electrical work done? (If yes attach statements or checklist showing inspection performed)			No	
	Was hazardous Material/Waste released into the environment? (If yes attach description of incident and proposed action)			No	
List of Actions taken today/safety inspections conducted					
Safety brief and site observations					
Equipment/material received today to be incorporated in job					
See Material Receiving Report					
Equipment on job site today, including number of hours used today					
See Equipment Usage Report					
Site SUXOS Comments					
0600- Morning safety brief 0635- Field teams out to conduct surface clearance in the dog kennel area. (Auburn University) 0700- Visit with Auburn Cannine Training Center Director to coordinate todays activities. 0758- Conducted Preparatory Inspection on surface clearance team. 0820- Started surface clearance of dog kennel area. 1200- Completed surface clearance in the areas that did not have EZ issues. Will complete all of the rest this afternoon at 1500. 1230- Lunch 1300- Back at office. Field teams back to normal FWS schedule. 1500- Back in the dog kennel area 10 finish surface sweep. 1700- Completed surface sweep. 1715- Field teams in. 1730- End of the day.					
No Entry					



Site SUXOS/Superintendent

5/26/2004

Date

Attachment E2
Daily QC Reports

Daily Quality Control Report Form

Foster Wheeler Environmental

Date 5/26/2004	Day Wednesday	Report Number 052604QC845	Project Name Fort McClellan, Alabama	Contract Number DACA87-99-D-0010
Weather/Precipitation Partly Cloudy with increasing wind		High 89	Low 67	Wind WSW@5-10
Humidity 84%				
FWENC Personnel On Site (Reference/Attach Superintendent's Daily Report if Applicable) See Daily Report				
Equipment On Site See Daily Report			Active this Shift Yes/No Yes	
Subcontractors On Site None			Subcontractor's QC Report Attached Yes/No N/A	
Material/Equipment Received (Reference/Attach Inspection Reports) None				
Work Performed Conducted QC checks on Dog Kennel area after Surface Sweep team.				
Quality Control Activities (Reference/Attach Inspection Report). <i>Task Order 22 Water Tower</i> Dog Kennel-2215.0022.0603 surface clearance. Preparatory on Surface Sweep team. See database for this date <i>Other</i> Initial inspection on Surface Sweep team. See database for this date Follow up inspection on Surface Sweep team. See database for this date. Surveillance submitted to the Army COE Representatives for Quality Assurance Sampling. See database for this date. No Activity				
Problems Encountered/Corrective Actions Taken None				
Directions Given/Received None				
Special Notes/Other None				
Visitors None				

Grady Bendel

Name



Signature

Site UXO QC Specialist

Title

Attachment E3
QC Surveillance Report

QC Surveillance Report
DACA87-99-D-0010
Former Ft. McClellan, AL

1-Activity		
Surface Removal		
2-Phase		
Preparatory		
3-References		
TO 22 Water Tanks		
4-Observed Condition/Activities		
Auburn Dog Kennel in the Bravo Area		
Conducted a Preparatory Phase Inspection on the Surface Clearance Team #1 who will surface sweep in the Auburn Dog Kennel in the Bravo Area and the following was verified:		
Appropriate plans and procedures were developed and approved.		
Personnel required for the activity were identified and positions filled.		
Training requirements were identified and the training had been completed.		
Qualifications were verified for all assigned personnel.		
Equipment and materials required to perform the work were identified and on site.		
Level of quality expected was understood.		
Limitations and restrictions for the task were discussed and understood.		
EZ for non-essential personnel has been established and physical barricades will be set out as required.		
Personnel involved: Charles Doak SUXOS, Len Lister UXOSO, Grady Bendel UXOQC, Ron Ellington UXO III, Jason Soth UXO II, Wayne Crupper UXO III, Earl Jacobs UXO II, Todd Steelman UXOII, Jathan Futrell UXOII, Jake Clement UXOII, Brian Gentry UXOII, Phil Whitley UXOII,		
Conducted By: QC	Signature: 	Date: 5/26/2004
5-Site UXO QC Specialist Review		
Comments: Initial and follow-up inspection will be conducted.		
<input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> Unacceptable	Deficiency Report #: N/A Non-Conformance Report #: N/A	
Name: Grady Bendel	Signature: 	Date: 5/26/2004

QC Surveillance Report
DACA87-99-D-0010
Former Ft. McClellan, AL

1-Activity		
Surface Removal		
2-Phase		
Initial		
3-References		
TO 22 Water Tanks		
4-Observed Condition/Activities		
Auburn Dog Kennels in the Bravo Area		
Conducted an Initial Phase Inspection on Surface Clearance Team #1, who will investigate in the Auburn Dog Kennel in the Bravo Area and the following was observed:		
EZ for non-essential personnel has been established and physical barricades will be set out as required.		
Team had all required tools and equipment.		
All hand held locators were checked at the test area prior to departure.		
Surface Sweep procedures were in accordance with approved procedures.		
Team leader maintained all required information on the palm top computer.		
Photos were taken as required.		
No discrepancies were noted.		
Personnel involved: Ron Ellington UXO III, Jason Soth UXO II, Wayne Crupper UXO III, Earl Jacobs UXO II, Todd Steelman UXOII, Jathan Futrell UXOII, Jake Clement UXOII, Brian Gentry UXOII, Phil Whitley UXOII,		
Conducted By: QC	Signature: 	Date: 5/26/2004
5-Site UXO QC Specialist Review		
Comments: Follow-up inspection will be conducted.		
<input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> Unacceptable	Deficiency Report #: N/A Non-Conformance Report #: N/A	
Name: Grady Bendel	Signature: 	Date: 5/26/2004

QC Surveillance Report
DACA87-99-D-0010
Former Ft. McClellan, AL

1-Activity		
Surface Removal		
2-Phase		
Follow Up		
3-References		
TO 22 Water Tanks		
4-Observed Condition/Activities		
Auburn Dog Kennel in the Bravo Area		
Conducted a Follow-up Inspection on Surface Clearance Team #1 who will surface sweep in the Auburn Dog Kennel in the Bravo Area and the following was observed:		
-Hand held magnetometers were check at the test line prior to starting work.		
-The team's process is sound and the level of quality is within required standards.		
Personnel involved: Ron Ellington UXO III, Jason Soth UXO II, Wayne Crupper UXO III, Earl Jacobs UXO II, Todd Steelman UXOII, Jathan Futrell UXOII, Jake Clement UXOII, Brian Gentry UXOII, Phil Whitley UXOII,		
Conducted By: QC	Signature: 	Date: 5/26/2004
5-Site UXO QC Specialist Review		
Comments:		
Conducted random checks of work completed and found nothing that would fall below required standards. Will continue to conduct follow-up inspections to monitor processes and levels of quality.		
<input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> Unacceptable	Deficiency Report #: N/A Non-Conformance Report #: N/A	
Name: Grady Bendel	Signature: 	Date: 5/26/2004

QC Surveillance Report
DACA87-99-D-0010
Former Ft. McClellan, AL

1-Activity		
QC Team		
2-Phase		
QC Surveillance		
3-References		
TO 22 Water Tanks		
4-Observed Condition/Activities		
Auburn Dog Kennel in the Bravo Area		
The below listed Area is being submitted to the Army Corps of Engineers Site Safety Representatives for Quality Assurance Sampling and Acceptance: TO-22 Dog Kennel Area Personnel involved: Grady Bendel UXOQC		
Conducted By: QC	Signature: 	Date: 5/26/2004
5-Site UXO QC Specialist Review		
Comments: The Area indicated on this form has passed TtFWI 10% QC acceptance sampling.		
<input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> Unacceptable	Deficiency Report #: N/A Non-Conformance Report #: N/A	
Name: Grady Bendel	Signature: 	Date: 5/26/2004

Attachment E4
948s

U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE ORDNANCE AND EXPLOSIVE GROUP MEMO		
TO: FOSTER WHEELER	DATE: 5/27/04	TIME: 0700
CONTRACT NUMBER: DACA-87-99-D-0010	PROJECT LOCATION: FT McCLELLAN	
DO #: G022	ANNINSTON, AL	
SUBJECT ITEM(S) (Check all that apply): <input type="checkbox"/> Work Plan <input checked="" type="checkbox"/> Quality Control <input type="checkbox"/> Safety Violation <input type="checkbox"/> Other <input type="checkbox"/> Safety Comments PROJECT 948 #21		
DESCRIPTION: DOG KENNEL SURFACE CLEARANCE AREA WAS TURNED OVER FOR QA INSPECTION		
<input type="checkbox"/> Prompt correction or compliance with contract specifications is requested.		
<div style="text-align: right;">  USACE Site Representative </div>		
RECEIPT ACKNOWLEDGED:  Contractor's Representative		
ACTION TAKEN:		
CEHNC FORM 948 (Revised) 1 APR 96		
COPY 1 - Contractor's Representative		

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: FOSTER WHEELER	DATE: 5/27/04	TIME: 0730
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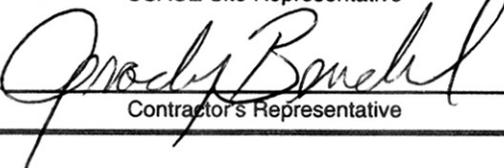
CONTRACT NUMBER: DACA-87-99-D-0010	PROJECT LOCATION: FT MCLELLAN
DO #: 0022	ANNINGTON, AL

- SUBJECT ITEM(S)** (Check all that apply):
- | | |
|---|---|
| <input type="checkbox"/> Work Plan | <input checked="" type="checkbox"/> Quality Control |
| <input type="checkbox"/> Safety Violation | <input type="checkbox"/> Other |
| <input type="checkbox"/> Safety Comments | # 22 |

DESCRIPTION: DOG KENNEL SURFACE
CLEARANCE AREA PASSED
GOVERNMENT QA

Prompt correction or compliance with contract specifications is requested.


USACE Site Representative

RECEIPT ACKNOWLEDGED 
Contractor's Representative

ACTION TAKEN:

Attachment E5
Team Leader Field Log

Letter Report
TO22 Water Tank Construction Sites
Mod 3 Dog Kennel Area
Fort McClellan, Alabama

5/26/2004 Surf Clearance Supervisor Ellington

Comment

0600- Morning meeting
0615- Equipment load out
0645- On site, road blocks in place
0730- Preparatory done
0800- Begin surface sweep
0915- Break
1200- Lunch
1230- Moved to segment 058
1300- Arrived at segment 058
1445- Moved back to dog kennel area
1700- Completed area and began breakdown
1730- No more entries

Team Member #1 Steelman, Clement, Soth

Team Member #2 Whitley, Gentry, Jacobs

Team Member #3 Crupper, Mangrum, Futral



Attachment F
Photos



MUNITIONS SCRAP



NON MUNITIONS RELATED SCRAP

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