

# **Appendix A-1**

## **Financial Data**



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**Per DID MR-30 this is not required for  
Firm Fixed Price Task Orders**

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# **Appendix A-2**

## **Correspondence and Documentation**



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REPLY TO  
ATTENTION OF:

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

September 30, 2003

Design Center For Ordnance  
and Explosives Directorate

Subject: Contract Number DACA87-99-D-0010, Task Order 0021,  
General Site Support and UXO Clearance, Charlie Area, at Fort  
McClellan, AL

Foster Wheeler Environmental Corporation  
ATTN: Mr. Art Holcomb, Program Manager  
291 Jimmy Parks Blvd  
Bldg 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  
the Final "Site Specific Work Plan, Ordnance and Explosives (OE)  
Removal Action for the U. S. Fish and Wildlife Transfer of Fort  
McClellan, Alabama". All Comments have been adequately  
addressed.

The DDESB has approved the Explosives Safety Submission for  
this removal action.

You are hereby authorized to begin work on the U. S. Fish  
and Wildlife Service Removal Action.

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

Sincerely,

  
Wanda H. Hampton  
Contracting Officer



REPLY TO  
ATTENTION OF:

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

November 6, 2003

Design Center for Ordnance  
and Explosives Directorate

Subject: Contract Number DACA87-99-D-0010, Task Order 0020,  
General Site Support and UXO Clearance, Charlie Area, at Fort  
McClellan, AL

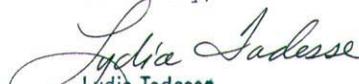
Foster Wheeler Environmental Corporation  
ATTN: Mr. Art Holcomb, Project Manager  
291 Jimmy Parks Boulevard  
Building 215  
Fort McClellan, Alabama 36205

Mr. Holcomb:

In response to your letter FWHN-FTMC-03-0280, the VTA team is properly staffed and a UXO escort is required while the team is in a known explosive hazard area as required by DID-025.01. Section 6.2.a.2 of the DID states that "When non-UXO teams are under the direct supervision of someone other than a UXO III, the teams shall be accompanied by a UXO II who will provide OE avoidance support."

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

Sincerely,

  
Lydia Tadesse  
Contracting Officer

Enclosure



REPLY TO  
ATTENTION OF:

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

January 6, 2004

Design Center for Ordnance  
and Explosives Directorate

Subject: Contract Number DACA87-99-D-0010, Task Order 0020,  
General Site Support and UXO Clearance, Charlie Area, at Fort  
McClellan, AL

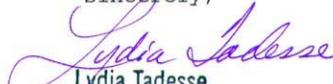
Foster Wheeler Environmental Corporation  
ATTN: Mr. Art Holcomb  
291 Jimmy Parks Blvd  
Bldg 215  
Fort McClellan, Alabama 36205

Mr. Holcomb:

The U. S. Army Engineering and Support Center, Huntsville  
(USAESCH) has reviewed the Geophysical Prove-out Letter Report  
and concur with the final document. You may begin the  
geophysical mapping of the US Fish and Wildlife properties  
covered in this task order.

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

Sincerely,

  
Lydia Tadesse  
Contracting Officer



REPLY TO  
ATTENTION OF:

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

January 30, 2004

Design Center for Ordnance  
and Explosives Directorate

Subject: Contract Number DACA87-99-D-0010, Task Order 0020,  
General Site Support and UXO Clearance, Charlie Area, at Fort  
McClellan, AL

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

Mr. Holcomb:

This letter is in response to your letters FWHN-FTMC-04-0009  
and FWHN-FTMC-04-0018.

Our 1/600 determination does not constitute a change in and  
of itself. You are required to protect your employees and the  
public in accordance with applicable safety guidance.  
Engineering controls are one method that may be used, in  
addition to evacuations, exclusion zone enforcement, etc. We  
have not directed you to use engineering controls. Therefore,  
we have not changed the conditions of this task order.

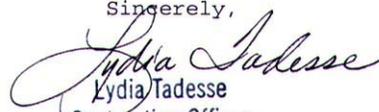
This is a Firm Fixed Price Task Order. You are responsible  
for providing the resources (personnel, equipment, etc.) to  
accomplish this task order. Decisions regarding the employment  
of equipment such as the vehicle towed array, and the costs are  
yours. The government will not be liable for any additional  
costs on this task order related to changes in your equipment  
selection or schedule.



-2-

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

Sincerely,

  
Lydia Tadesse  
Contracting Officer





REPLY TO  
ATTENTION OF:

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

April 30, 2004

Design Center for Ordnance  
and Explosives Directorate

SUBJECT: Contract Number DACA87-99-D-0010, Task Order 0020,  
Fish and Wildlife Removal Action, at Fort McClellan, AL

Tetra Tech FW, Inc.  
ATTN: Mr. Art Holcomb  
291 Jimmy Parks Blvd  
Building 215  
Fort McClellan, Alabama 36205

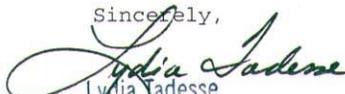
Mr. Holcomb:

The Ordnance and Explosive Center has reviewed the data you submitted for a 1/600 determination for the road segments in FWS-1Ha, FWS-1Hb and FWS-1Hc in your letter FWHN-FPMC-04-0068. The determination has been made and a 1/600 has been granted for road segments 54,55,56,57 and 63 in FWS-1Ha, 10 and 39 in FWS-1Hb, and 05 in FWS-1Hc. The 1/600 distance's for these road segments are 230' (based upon a MGF of a 81mm mortar), 447' (based on MGF of 155mm Projectile) and 200' (based upon MGF of a 2.36" rocket) respectively.

No UXO are anticipated in these areas. If UXO or any live munitions are located, all intrusive work shall stop, this office notified and this approval reevaluated.

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

Sincerely,

  
Lydia Jadesse  
Contracting Officer

Enclosure



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

REPLY TO  
ATTENTION OF:

June 7, 2004

Design Center for Ordnance  
and Explosives Directorate

SUBJECT: Contract Number DACA87-99-D-0010, Task Order 0020,  
Fish and Wildlife Removal Action, at Fort McClellan, AL

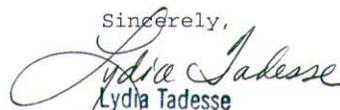
Tetra Tech FW, Inc.  
ATTN: Mr. Art Holcomb, Program Manager  
291 Jimmy Parks Blvd  
Building 215  
Fort McClellan, Alabama 36205

Mr. Holcomb:

The Ordnance and Explosive Center has reviewed the data you submitted for a 1/600 determination for the road segments in FWS-1Ha in your letter FWHN-FTMC-04-0102. The determination has been made and a 1/600 has been granted for road segments 06,14,15,16, and 17 in FWS-1Ha. The 1/600 distance for these road segments are 230' (based upon a MGFD of a 81mm mortar).

No UXO are anticipated in these areas. Should a UXO or any live munitions be located, all intrusive work shall stop, this office notified and this approval reevaluated.

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

Sincerely,  
  
Lydia Tadesse  
Contracting Officer

Enclosure

April 8, 2003  
**FWHN-FTMC-03-0095**

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

Subject: Site Specific Work Plan for General Site Support in the Fish & Wildlife Portion of the Charlie Area, Task Order 0020, Ordnance and Explosives Response at Fort McClellan, Alabama, Contract Number DACA87-99-D-0010

Dear Ms. Tadesse:

In accordance with the Statement of Work for General Site Support and Unexploded Ordnance Clearance for the Choccolocco Area U.S. Fish and Wildlife Land Transfer, Task Order 0020, Phase I, the Site Specific Work Plan for General Site Support in the Fish & Wildlife Portion of the Charlie Area is enclosed for your review.

If you have any questions concerning this submission, please contact me or Todd Biggs, Task Order Manager, at (256) 820-7904.

Sincerely,



Arthur B. Holcomb, P.E.  
Project Manager

Enclosures, as stated

CF: Mr. Daniel Copeland, US Army Engineering & Support Center, Huntsville

May 29, 2003  
**FWHN-FTMC-03-0149**

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

Subject: Draft Explosives Safety Submission for the Choccolocco Area U.S. Fish and Wildlife Transfer, Task Order 0020, Ordnance and Explosive Response at Fort McClellan, Alabama, Contract Number DACA87-99-D-0010

Dear Ms. Tadesse:

Foster Wheeler Environmental is pleased to submit the Draft Explosives Safety Submission for the Choccolocco Area U.S. Fish and Wildlife Transfer, Task Order 0020. Please review and provide your comments no later than June 27, 2003. Copies are provided in accordance with the attached distribution list and the Scope of Work.

If you have any questions concerning this submission, please contact Todd Biggs, Task Order Manager, or me at (256) 820-7904.

Sincerely,



Arthur B. Holcomb, P.E.  
Project Manager

Enclosures, as stated

CF: See Distribution List

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June 13, 2003  
**FWHN-FTMC-03-0153**

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

Subject: Draft-Final Explosives Safety Submission for the Choccolocco Area U.S. Fish and Wildlife Transfer, Task Order 0020, Ordnance and Explosive Response at Fort McClellan, Alabama, Contract Number DACA87-99-D-0010

Dear Ms. Tadesse:

Foster Wheeler Environmental is pleased to submit the Draft-Final Explosives Safety Submission for the Choccolocco Area U.S. Fish and Wildlife Transfer, Task Order 0020. Please review and provide your comments no later than Friday, July 11, 2003. Copies are provided in accordance with the attached distribution list and the Scope of Work.

If you have any questions concerning this submission, please contact Todd Biggs, Task Order Manager, or me at (256) 820-7904.

Sincerely,



Arthur B. Holcomb, P.E.  
Project Manager

Enclosures, as stated

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ATTN: CEHNC-CT-E (Ms. Sandra Carter)  
4820 University Square  
Huntsville, Alabama 35816-1822

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US Army Garrison  
ATTN: ATZN-ENV, Lisa Holstein  
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Fort McClellan, AL 36205-500

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ATTN: Paul James  
291 Jimmy Parks Blvd.  
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June 17, 2003  
**FWHN-FTMC-03-0157**

Finance and Accounting Officer  
U.S. Army Engineering and Support Center, Huntsville  
ATTN: CEHNC-RM-F (EXAM)  
P.O. Box 1600 (4820 University Square)  
Huntsville, AL 35807-4301

Subject: Public Voucher 5 for Purchases and Services for Task Order 0020, General Site Support and Unexploded Ordnance Clearance for the Choccolocco Area, US Fish & Wildlife Transfer at Fort McClellan, AL, Contract Number DACA87-99-D-0010

Dear Sir/Madam:

Please find enclosed the original and one copy of Public Voucher 5 for Task Order 0020, General Site Support and Unexploded Ordnance Clearance for the Choccolocco Area, US Fish & Wildlife Transfer at Fort McClellan, AL. This invoice is submitted in accordance with the instructions contained in the contract. The time period for this invoice is from June 1, 2003 to June 15, 2003.

Should you have any questions or comments, please contact Mr. Todd Biggs at (256) 820-7904.

Sincerely,



Arthur B. Holcomb, P.E.  
Project Manager

Enclosures, as stated

CF w/o Enclosures: Mr. Edwardo Marrero, Contracting Officer  
US Army Engineering and Support Center, Huntsville  
ATTN: CEHNC-CT-E  
P.O. Box 1600  
Huntsville, AL 35807-4301

July 10, 2003  
**FWHN-FTMC-03-0182**

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

Subject: Draft Site Specific Work Plan for the U.S. Fish and Wildlife Land Transfer,  
Task Order 0020, Ordnance and Explosive Response at Fort McClellan, Alabama,  
Contract Number DACA87-99-D-0010

Dear Ms. Tadesse:

Foster Wheeler Environmental is pleased to submit the Draft Site Specific Work Plan for the U.S. Fish and Wildlife Transfer, Task Order 0020. Please review and provide your comments no later than Friday, July 25, 2003. Copies are provided in accordance with the attached distribution list.

If you have any questions concerning this submission, please contact Todd Biggs, Task Order Manager, or me at (256) 820-7904.

Sincerely,



Arthur B. Holcomb, P.E.  
Project Manager

Enclosures, as stated

CF: See Distribution List

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Commander US Army Engineering and Support Center, Huntsville ATTN: CEHNC-CT-E (Ms. Sandra Carter) 4820 University Square Huntsville, Alabama 35816-1822	1
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August 5, 2003  
**FWHN-FTMC-03-0209**

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

Subject: Final Explosives Safety Submission for the Choccolocco Area U.S. Fish and Wildlife Transfer, Task Order 0020, Ordnance and Explosive Response at Fort McClellan, Alabama, Contract Number DACA87-99-D-0010

Dear Ms. Tadesse:

Foster Wheeler Environmental is pleased to submit the Final Explosives Safety Submission for the Choccolocco Area U.S. Fish and Wildlife Transfer, Task Order 0020. All previous comments have been addressed and necessary changes have been incorporated. Copies are provided in accordance with the attached distribution list and the Scope of Work.

If you have any questions concerning this submission, please contact Todd Biggs, Task Order Manager, or me at (256) 820-7904.

Sincerely,



Arthur B. Holcomb, P.E.  
Project Manager

Enclosures, as stated

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US Army Engineering and Support Center, Huntsville  
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Huntsville, Alabama 35816-1822

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US Army Engineering and Support Center, Huntsville  
ATTN: CEHNC-CT-E (Ms. Sandra Carter)  
4820 University Square  
Huntsville, Alabama 35816-1822

1 copy w/response to cmts

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ATTN: ATZN-ENV, Lisa Holstein  
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Fort McClellan, AL 36205-500

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ATTN: Paul James  
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Shaw Group  
Attn: Steve Moren  
312 Directors Drive  
Knoxville, TN 37923

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September 4, 2003  
**FWHN-FTMC-03-0231**

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

Subject: Slip Sheets for the Final Explosives Safety Submission, Choccolocco Area U.S. Fish and Wildlife Transfer, Task Order 0020, Ordnance and Explosive Response at Fort McClellan, Alabama, Contract Number DACA87-99-D-0010

Dear Ms. Tadesse:

Please find attached replacement slip-sheets for inclusion into the existing Final Explosives Safety Submission for the Choccolocco Area U.S. Fish and Wildlife Transfer, Task Order 0020. These replacement pages incorporate the changes directed by DDESB in order to receive their approval of the document and to correct an error on the figure. Copies are provided in accordance with the attached distribution list and the Scope of Work.

If you have any questions concerning this submission, please contact Todd Biggs, Task Order Manager, or me at (256) 820-7904.

Sincerely,



Arthur B. Holcomb, P.E.  
Project Manager

Enclosures, as stated

CF: See Distribution List

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## FOSTER WHEELER ENVIRONMENTAL CORPORATION

September 4, 2003  
**FWHN-FTMC-03-0232**

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

Subject: Notice of Change Condition, General Site Support and Unexploded Ordnance Clearance for the Choccolocco Area U.S. Fish and Wildlife Land Transfer, Task Order 20, Ordnance and Explosives Response, Ft. McClellan, AL, Contract Number DACA87-99-D-0010

Dear Ms. Tadesse:

This letter is to notify you of a change condition for the General Site Support and Unexploded Ordnance Clearance for the Choccolocco Area U.S. Fish and Wildlife Land Transfer, Task Order 20.

Based on discussions during negotiations on TO-20 it was determined that the persons observing the brush clearance personnel were not entitled to hazard pay. During the review process of the work plan for TO-20 a comment was received directing us to change the wording of the brush clearance observer from "liaison" to "escort" and from "UXO Technician" to "Qualified UXO Technician." We addressed this topic again during negotiations on September 4, 2003 for Task Order 22 and another determination was made that unless the surface sweep has been through the Government QA process, a Qualified UXO Technician is required to escort all brush removal activities.

If it is your determination that we pay brush clearance escorts 4% hazard pay, this will require a change to the TO-20 award.

The total value of this change is \$1,619.38. The attached spread sheet shows the change as indicated.

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

Sincerely,

Arthur Holcomb, P.E.  
Project Manager

CF: Mr. Daniel Copeland, US Army Engineering & Support Center, Huntsville  
Mr. Alonzo Andrews, US Army Engineering & Support Center, Huntsville  
Ms. Suzanne Murdock, US Army Engineering & Support Center, Huntsville  
Mr. Alvin McNeal, 291 Jimmy Parks Blvd, Bldg 215, Fort McClellan, AL 36205



291 JIMMY PARKS BLVD, BLDG 215, P.O. 5037, FT. MCCLELLAN, AL 36205  
TEL: 256-820-7904 FAX: 256-820-6322



## FOSTER WHEELER ENVIRONMENTAL CORPORATION

October 6, 2003  
**FWHN-FTMC-03-0255**

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

Subject: Notice of Possible Change Condition, General Site Support and Unexploded Ordnance Clearance for the Choccolocco Area U.S. Fish and Wildlife Land Transfer, Task Order 20, Ordnance and Explosives Response, Fort McClellan, AL, Contract Number DACA87-99-D-0010

Dear Ms. Tadesse:

This letter is to notify your office of a possible change condition for the General Site Support and Unexploded Ordnance Clearance for the Choccolocco Area U.S. Fish and Wildlife Land Transfer, Task Order 20.

The current Scope of Work has an inconsistency which could cause a change condition. Under paragraph 3.8.1, Geophysical Mapping, the SOW states, "The smallest targeted UXO/OE items for geophysical detection are as listed below:

Sector FWS-1H-PR	37mm projectile, HE
Sector FWS-2H-PR	60mm mortar, HE
Sector FWS-3H-PR	37mm projectile, HE
Sector FWS-4H-PR	37mm projectile, HE
Sector FWS-5H-PR	75mm projectile, HE"

Paragraph 3.11.1 states, "The criterion for accepting grids that have completed surface and subsurface clearance is: a) No ferrous objects with a "width" (diameter) between a 37mm projectile and a 155mm projectile at a depth of less than 11 diameters of the object."

The two paragraphs conflict. Our geophysicist has been directed by paragraph 3.8.1 to select anomalies to one level and our price is based on this criteria, but the failure criteria listed in paragraph 3.11.1 is different for the FWS-2H and FWS-5H areas. We request clarification as to which of the two paragraphs should be applied in the selection of anomalies.

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

Sincerely,

Arthur Holcomb, P.E.  
Project Manager



CF: Mr. Daniel Copeland, US Army Engineering & Support Center, Huntsville  
Mr. Alonzo Andrews, US Army Engineering & Support Center, Huntsville  
Ms. Suzanne Murdock, US Army Engineering & Support Center, Huntsville  
Mr. Alvin McNeal, 291 Jimmy Parks Blvd, Bldg 215, Fort McClellan, AL 36205



291 JIMMY PARKS BLVD, BLDG 215, P.O. 5037, FT. MCCLELLAN, AL 36205  
TEL: 256-820-7904-2.1 FAX: 256-820-6322



## FOSTER WHEELER ENVIRONMENTAL CORPORATION

October 6, 2003  
**FWHN-FTMC-03-0256**

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

Subject: Notice of Possible Change Condition, General Site Support and Unexploded Ordnance Clearance for the Choccolocco Area U.S. Fish and Wildlife Land Transfer, Task Order 20, Ordnance and Explosives Response, Fort McClellan, AL, Contract Number DACA87-99-D-0010

Dear Ms. Tadesse:

This letter is to notify you of a possible change condition for the General Site Support and Unexploded Ordnance Clearance for the Choccolocco Area U.S. Fish and Wildlife Land Transfer, Task Order 20.

On September 4, 2003 our letter, FWHN-FTMC-03-0231, was submitted notifying your office of a possible change condition and requested guidance as to whether or not a UXO Qualified escort was required for brush cutting. On September 9, 2003 we received your determination that an escort was required, concurrence that this was a change condition, and that the escorts were entitled to 4% hazard pay.

We are now requesting guidance as to whether or not a UXO Qualified escort is required anytime personnel are working within a possible UXO/OE area and are not performing OE/UXO related activities (i.e. not receiving hazard pay). More specifically, we would like to know if a geophysical mapping team requires a UXO escort? If there is a UXO Qualified Technician on the geophysical mapping team, would they be required to perform the duties of a UXO Escort and receive hazard pay?

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

Sincerely,

Arthur Holcomb, P.E.  
Project Manager

CF: Mr. Daniel Copeland, US Army Engineering & Support Center, Huntsville  
Mr. Alonzo Andrews, US Army Engineering & Support Center, Huntsville  
Ms. Suzanne Murdock, US Army Engineering & Support Center, Huntsville  
Mr. Alvin McNeal, 291 Jimmy Parks Blvd, Bldg 215, Fort McClellan, AL 36205



October 21, 2003  
**FWHN-FTMC-03-0264**

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

Subject: Notice of Change Condition, Fish and Wildlife Service Roads, Firebreaks and High Use Areas, Task Order 0020, Ordnance and Explosive Response at Fort McClellan, Alabama, Contract Number DACA87-99-D-0010

Dear Ms. Tadesse:

At approximately 0830 on October 21, 2003 Mr. Michael Smith, USACE Safety Representative directed FWENC's SUXOS, Mr. Charles Doak to remove Mr. Danny Cameron from the field. The reason given was that Mr. Cameron was not a UXO Technician and therefore could not be in the field during OE activities.

Data Item Description (DID) OE-025.01 paragraph 5.21 states:

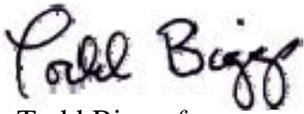
**“UXO Sweep Personnel.** UXO Sweep personnel assist UXO Technicians and supervisory personnel in the clearance of OE, operating only under the direct supervision of a qualified UXO Technician III. This position requires site and job specific contractor training (which may include ordnance recognition, safety precautions, donning and doffing personnel protective equipment, etc.) but does not require UXO Technician qualifications. UXO Sweep Personnel conduct visual and/or instrumented OE search activities in the field; perform field maintenance on military and civilian magnetometers; operate ordnance detection instruments and other similar equipment to include digital geophysical mapping instruments; and remove OE scrap after such items have been certified/verified safe for handling by a qualified UXO Technician. UXO Sweep Personnel shall not excavate anomalies or handle OE. UXO Sweep Personnel shall not be involved in the execution of explosives operations.”

Mr. Cameron was operating a piece of ordnance detection equipment, was assisting the team in pulling tapes as part of the reacquire process, and was under the direct supervision of a qualified UXO Technician III.

This action has resulted in Mr. Cameron being held in our office awaiting further direction. This change will cause both a cost and schedule change. The cost and delay are being calculated now and will be sent via separate correspondence.

If you have any questions concerning this submission, please contact Todd Biggs, Task Order Manager, or me at (256) 820-7904.

Sincerely,

A handwritten signature in black ink that reads "Todd Biggs". The signature is written in a cursive, slightly slanted style.

Todd Biggs *for*  
Arthur B. Holcomb, P.E.  
Project Manager

Enclosures, as stated

CF: Mr. Dan Copeland, US Army Engineering & Support Center, Huntsville  
Ms. Suzanne Murdock, US Army Engineering & Support Center, Huntsville  
Ms. Sandra Carter, US Army Engineering & Support Center, Huntsville

October 22, 2003  
**FWHN-FTMC-03-0267**

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

Subject: Notice of Change Condition, Fish and Wildlife Service Roads, Firebreaks and High Use Areas, Task Order 0020, Ordnance and Explosive Response at Fort McClellan, Alabama, Contract Number DACA87-99-D-0010

Dear Ms. Tadesse:

This letter is a follow up to our letter of October 21, 2003. FWENC received further guidance today from Mr. Dan Copeland, USACE PM for this project. Mr. Copeland's instructions were that Mr. Cameron could work in the UXO area as long as he remained more than 200 feet from any UXO investigations that are taking place. I explained that we only have one team at this time (7 personnel total).

This causes both a cost and a schedule change. It will also require a Field Change Request to rewrite the Site Specific Work Plan, which states:

“2.4.3.3 Intrusive Teams/Surface Clearance Teams. These teams will intrusively investigate the roads, firebreaks, and high use areas within the U.S. Fish and Wildlife Land Transfer Area. UXO teams shall have a minimum of two UXO qualified personnel, one of which shall be the UXO Technician III.”

This particular paragraph was re-written during the approval process based on comments received from USACE to include this exact language, which clearly implies that a team could consist of other personnel. This, along with the USACE Data Item Description (DID) OE-025.01, makes it clear that UXO Sweep personnel can be used.

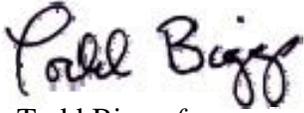
At this time we have one, seven man team on site. This team includes Mr. Cameron, establishing him as both an integral part of the team as well as essential to the success of this task order.

We request your final determination as to whether FWENC can or cannot use UXO Sweep personnel as members of a team in accordance with DID OE-025.01 and the work plan.

The cost and schedule impacts are being addressed and will be covered under separate correspondence.

If you have any questions concerning this submission, please contact Todd Biggs, Task Order Manager, or me at (256) 820-7904.

Sincerely,

A handwritten signature in black ink that reads "Todd Biggs". The signature is written in a cursive, slightly slanted style.

Todd Biggs *for*  
Arthur B. Holcomb, P.E.  
Project Manager

Enclosures, as stated

CF: Mr. Dan Copeland, US Army Engineering & Support Center, Huntsville  
Ms. Suzanne Murdock, US Army Engineering & Support Center, Huntsville  
Ms. Sandra Carter, US Army Engineering & Support Center, Huntsville



## FOSTER WHEELER ENVIRONMENTAL CORPORATION

October 28, 2003  
**FWHN-FTMC-03-0269**

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

Subject: Concerns with Discrepancy in Scope of Work (SOW), General Site Support and Unexploded Ordnance Clearance for the Choccolocco Area U.S. Fish and Wildlife Land Transfer, Task Order 20, Ordnance and Explosives Response, Fort McClellan, AL, Contract Number DACA87-99-D-0010

Ref: (a) FWENC Letter FWHN-FTMC-03-0255 of October 6  
(b) USACE Letter of October 14

Dear Ms. Tadesse:

In our letter of October 6, 2003 we expressed concern over the inconsistency within the Scope of Work (SOW) for Task Order 22. Specifically, that paragraph 3.8.1 states:

“The smallest targeted UXO/OE items for geophysical detection are as listed below:

Sector FWS-1H-PR	37mm projectile, HE
Sector FWS-2H-PR	60mm mortar, HE
Sector FWS-3H-PR	37mm projectile, HE
Sector FWS-4H-PR	37mm projectile, HE
Sector FWS-5H-PR	75mm projectile, HE

Further, paragraph 3.11.1 states:

“The criterion for accepting grids that have completed surface and subsurface clearance is: a) No ferrous objects with a “width” (diameter) between a 37mm projectile and a 155mm projectile at a depth of less than 11 diameters of the object.”

In your letter of October 14, 2003, it is stated that the items listed in paragraph 3.8.1 of the SOW are the smallest items expected and that the failure criteria is as listed in paragraph 3.11.1. This appears to conflict with the SOW. Paragraph 3.8.1 of the scope directs the geophysicist to select 75mm projectile size targets in the FWS-5H-PR area, however, any ferrous items 37mm in diameter will result in the area not being accepted by government QA.

Your letter of October 14 seems to direct the geophysicists to select any item with a width between a 37mm projectile and a 155 mm projectile. This is clearly inconsistent with the SOW. If this is intended to modify the scope, it should be accomplished in accordance with Clause H.5 of the base contract. Clause H.5, part b. of the base contract states:



“No change in the scope or within the scope of this contract which would effect a change in any term or provision of this contract shall be made except by a modification executed by the contracting Officer.”

In order to avoid a conflict during execution, we suggest the SOW be modified to make these paragraphs consistent. The modification should be executed in accordance with Clause H.21, paragraph c. of the base contract. We cannot determine whether or not there will be cost or schedule impacts associated with a SOW change until the exact change is defined.

The full impact of any modification cannot be determined until geophysical mapping is complete. Since current activity is limited to slopes too steep for geophysical mapping and discrimination is not possible, this conflict does not affect current activities. However, resolution of this conflict is needed prior to execution of geophysical mapping in Sectors FWS-2H-PR and FWS-5H-PR.

If you would like to discuss this or have questions or comments, please contact Todd Biggs or me at (256) 820-7904.

Sincerely,



Arthur Holcomb, P.E.  
Project Manager

CF: Mr. Daniel Copeland, US Army Engineering & Support Center, Huntsville  
Mr. Alonzo Andrews, US Army Engineering & Support Center, Huntsville  
Ms. Suzanne Murdock, US Army Engineering & Support Center, Huntsville  
Mr. Alvin McNeal, 291 Jimmy Parks Blvd, Bldg 215, Fort McClellan, AL 36205





## FOSTER WHEELER ENVIRONMENTAL CORPORATION

October 29, 2003  
**FWHN-FTMC-03-0280**

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

Subject: Request for Clarification, General Site Support and Unexploded Ordnance Clearance for the Choccolocco Area U.S. Fish and Wildlife Land Transfer, Task Order 20, Ordnance and Explosives Response, Fort McClellan, AL, Contract Number DACA87-99-D-0010

Ref: (a) FWENC Letter FWHN-FTMC-03-0256 of Oct 6  
(b) USACE Letter of Oct 14

Dear Ms. Tadesse:

This letter is to request clarification as to whether or not geophysical mapping teams will require a UXO escort while performing work during the General Site Support and Unexploded Ordnance Clearance for the Choccolocco Area U.S. Fish and Wildlife Land Transfer, Task Order 20.

In reference (a), we requested guidance as to whether a geophysical mapping team requires an escort. In your response, reference (b), you address a team composed of all UXO Technicians, but did not address a team containing non-UXO qualified personnel.

In our Technical Approach, which was discussed and approved, we explain our proposed use of non-UXO qualified personnel to complete this work. The approach states:

“The VTA team will be composed of 1 site geophysicist and a 2<sup>nd</sup> person.”

We request guidance as to whether a team that is not composed of all UXO qualified personnel will require an escort while working in the FWS area.

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

Sincerely,

Arthur Holcomb, P.E.  
Project Manager

CF: Mr. Daniel Copeland, US Army Engineering & Support Center, Huntsville  
Mr. Alonzo Andrews, US Army Engineering & Support Center, Huntsville  
Ms. Suzanne Murdock, US Army Engineering & Support Center, Huntsville  
Mr. Alvin McNeal, 291 Jimmy Parks Blvd, Bldg 215, Fort McClellan, AL 36205





## FOSTER WHEELER ENVIRONMENTAL CORPORATION

November 17, 2003  
**FWHN-FTMC-03-0286**

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

Subject: Notice of Change Condition, General Site Support and Unexploded Ordnance Clearance for the Choccolocco Area U.S. Fish and Wildlife Land Transfer, Task Order 20, Ordnance and Explosives Response, Fort McClellan, AL, Contract Number DACA87-99-D-0010

Dear Ms. Tadesse:

This letter is to notify your office of a change condition for the General Site Support and Unexploded Ordnance Clearance for the Choccolocco Area U.S. Fish and Wildlife Land Transfer, Task Order 20.

We requested clarification as to whether or not a geophysical mapping team requires a UXO escort in an area that has been surface cleared. Your letter of November 6 quoted Data Item Description (DID) OE-025.01 which states, "When non-UXO teams are under the direct supervision of someone other than a UXO III, then the teams shall be accompanied by a UXO II who will provide OE avoidance support." This has been a topic of discussion for many months here at Fort McClellan, yet there still seems to be some inconsistency in the use of this particular principle as it relates to personnel here on site.

The most current direction that an escort is required does cause a change condition. We provided a detailed proposal and technical approach, which was reviewed, comments received, and then approved prior to the contract award. Both of these documents very clearly demonstrate that we did not price or plan for an escort for geophysical mapping teams. Based on the proposal and scheduled duration of geophysical mapping, the attached form details the cost associated with this change.

As additional information, the Fort McClellan Transition Force has given the U.S. Fish and Wildlife Service (FWS) permission to enter the FWS clearance area without an escort. In all past task orders, mapping teams have neither received hazard pay (in accordance with your wage determination ruling), nor had an escort present. While some teams did have a UXO III team leader, many did not.

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

Sincerely,

Arthur Holcomb, P.E.  
Project Manager



CF: Mr. Daniel Copeland, US Army Engineering & Support Center, Huntsville  
Mr. Alonzo Andrews, US Army Engineering & Support Center, Huntsville  
Ms. Suzanne Murdock, US Army Engineering & Support Center, Huntsville  
Mr. David Douthat, US Army Engineering & Support Center, Huntsville  
Dr. John Potter, US Army Engineering & Support Center, Huntsville  
Mr. Alvin McNeal, 291 Jimmy Parks Blvd, Bldg 215, Fort McClellan, AL 36205





**FOSTER WHEELER ENVIRONMENTAL CORPORATION**

November 17, 2003  
**FWHN-FTMC-03-0292**

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

Subject: Draft Geophysical Prove-Out (GPO) Work Plan, U.S. FWS Land Transfer Area, Task Order 0020, Ordnance and Explosive Response at Fort McClellan, Alabama, Contract Number DACA87-99-D-0010

Dear Ms. Tadesse:

Enclosed are copies of the Draft Geophysical Prove-Out Work Plan for the U.S. FWS Land Transfer Area, Task Order 0020. Please provide comments.

If you have any questions concerning this submission, please contact Todd Biggs, Task Order Manager, or me at (256) 820-7904.

Sincerely,

Arthur B. Holcomb, P.E.  
Project Manager

Enclosures, as stated

CF: Mr. Dan Copeland, US Army Engineering & Support Center, Huntsville  
Ms. Suzanne Murdock, US Army Engineering & Support Center, Huntsville  
Mr. Alonzo Andrews, US Army Engineering & Support Center, Huntsville  
Mr. Bob Selfridge, US Army Engineering & Support Center, Huntsville





**FOSTER WHEELER ENVIRONMENTAL CORPORATION**

December 9, 2003  
**FWHN-FTMC-03-0307**

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

Subject: Replacement Pages, Geophysical Prove-Out (GPO) Letter Report, Choccolocco Area U.S. Fish & Wildlife Land Transfer, Task Order 0020, Ordnance and Explosive Response at Fort McClellan, Alabama, Contract Number DACA87-99-D-0010

Dear Ms. Tadesse:

Please find enclosed the replacement pages for the GPO Letter Report previously provided to you on December 4, 2003. The enclosed pages incorporate the comments from Mr. Bob Selfridge. After inclusion of these changes, this document shall be in "Final" form. Please make replacements in accordance with the table below.

<b>Remove:</b>	<b>Replace with revised:</b>
Pages 4 and 5	Pages 4 and 5
Entire Appendix C	Appendix C

If you have any questions concerning this submission, please contact Todd Biggs, Task Order Manager, or me at (256) 820-7904.

Sincerely,

Arthur B. Holcomb, P.E.  
Project Manager

Enclosures, as stated

CF: Mr. Dan Copeland, US Army Engineering & Support Center, Huntsville  
Mr. Alonzo Andrews, US Army Engineering & Support Center, Huntsville  
Mr. Bob Selfridge, US Army Engineering & Support Center, Huntsville  
Mr. Alvin McNeal, 291 Jimmy Parks Blvd, Bldg 215, Fort McClellan



**FOSTER WHEELER ENVIRONMENTAL CORPORATION**

December 17, 2003  
**FWHN-FTMC-03-0311**

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

Subject: Request for 1 in 600 Rule in the U.S. Fish And Wildlife Area, Fort McClellan, Alabama, Task Order 0020, Ordnance and Explosives Response, Contract Number DACA87-99-D-0010

Dear Ms. Tadesse:

This letter is a request for a 1 in 600 ft ruling for several road segments within the eastern portion of the FWS-1H Area. In accordance with the Site Specific Work Plan, section 2.6.3.3 the following ruling is requested.

FWS-1H. The current Most Probable Munition (MPM) for this area is based on the 155mm M107 projectile with an exclusion zone of 2577 ft. We request a 1 in 600 ft ruling to a minimum 447 ft exclusion zone for a portion of this area that is adjacent to the Department of Justice COBRA facility and the U.S. Army National Guard MOUT facility. The area in question has several roads that need to be cleared as part of this task order. The road segments for which the ruling is requested are: 06, 07, 08, 14, 15, 16, 17, 18, 19, 20, and 21. The attached figure displays these road segments. Just outside of this area we have completed surface clearance and some intrusive activities on road segments 33, 34, 35, 22, 23, 37, 03, and 04 with the following items being recovered:

<b>Road Segment(s)</b>	<b>Type</b>	<b>Item</b>
35	OE	75mm Shrap, Fuze missing
35	OE	M46 PD Fuze
23	OE Scrap	155mm Shrap, expended
23 and 04	OE Scrap	M1907 Fuze Expended
36	OE Scrap	37mm APT
35 and 36	OE Scrap	Smoke Grenades
04	OE Scrap	4.2" Illumination Round, Expended
04	OE Scrap	155mm Shrap, Pusher Plate

We would like to conduct clearance activities on these road segments on December 22 and 23 and respectfully request your approval of this ruling in time for us plan operations for those days. As always, feel free to contact Todd Biggs, Task Order Manager, or me at (256) 820-7904 if you require additional information.

Sincerely,



Arthur Holcomb, P.E.  
Project Manager

Enclosure, as stated

CF: Mr. Daniel Copeland, US Army Engineering & Support Center, Huntsville  
Ms. Suzanne Murdock, US Army Engineering & Support Center, Huntsville  
Mr. Alonzo Andrews, US Army Engineering & Support Center, Huntsville  
Mr. Alvin McNeal, 291 Jimmy Parks Blvd, Bldg 215, Fort McClellan, AL 36205



**FOSTER WHEELER ENVIRONMENTAL CORPORATION**

December 17, 2003  
**FWHN-FTMC-03-0312**

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

Subject: Additional Information for Requested 1 in 600 Rule in the U.S. Fish And Wildlife Area, Fort McClellan, Alabama, Task Order 0020, Ordnance and Explosives Response, Contract Number DACA87-99-D-0010

Dear Ms. Tadesse:

This letter is to provide additional information regarding our request for a 1/600 ruling requested by our letter FWHN-FTMC-03-0311 dated December 17, 2003.

The reduced distance requested (447 feet) will not overlap any buildings within the COBRA facility. In addition the COBRA facility will not be conducting classes on December 22 or 23, 2003. We have spoken with Leo, the point of contact for the COBRA facility security and he will issue us a radio and will notify us if his security needs to enter the eastern end of the property, which will fall within the exclusion zone.

At this time the MOUT facility is scheduled to be empty on both days.

If you have any questions concerning this submission, please contact Todd Biggs, Task Order Manager, or me at (256) 820-7904.

Sincerely,

Arthur Holcomb, P.E.  
Project Manager

Enclosure, as stated

CF: Mr. Daniel Copeland, US Army Engineering & Support Center, Huntsville  
Ms. Suzanne Murdock, US Army Engineering & Support Center, Huntsville  
Mr. Alonzo Andrews, US Army Engineering & Support Center, Huntsville  
Mr. Alvin McNeal, 291 Jimmy Parks Blvd, Bldg 215, Fort McClellan, AL 36205



## FOSTER WHEELER ENVIRONMENTAL CORPORATION

January 13, 2004  
**FWHN-FTMC-04-0009**

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

Subject: Notice of Change Condition, General Site Support and Unexploded Ordnance Clearance for the Choccolocco Area U.S. Fish and Wildlife (FWS) Land Transfer, Task Order 20, Ordnance and Explosives Response, Fort McClellan, AL, Contract Number DACA87-99-D-0010

Dear Ms. Tadesse:

This letter is to notify your office of a change condition for the General Site Support and Unexploded Ordnance Clearance for the Choccolocco Area U.S. Fish and Wildlife Land Transfer, Task Order 20.

In our letter FWHN-FTMC-03-0311, dated December 15, 2003 we requested a 1 in 600 ruling to perform OE Removal activities within the FWS-1H sector of the FWS area, this request was denied. This decision results in a change condition.

During negotiations and in numerous teaming meetings prior to the award of this Task Order it was established that Foster Wheeler would not and did not include any cost for using engineering controls. The denial of the request for the 1 in 600 ruling leaves no choice but to use engineering controls or evacuate local residents in order to continue work in the FWS-1H area.

We are in the process of requesting an amendment to the current ESS that would re-sector the FWS-1H area into three separate sectors. This re-sectoring will lessen the affect of required exclusion zones (EZ) but the EZ issue will still remain.

Please provide direction as to whether or not to continue rental of the Vehicle Towed Array (VTA) or return it to Denver. Currently the VTA will complete geophysical mapping on the roads and trails we have surface swept on January 14, 2003. At that time additional funding will be required to continue the rental of the VTA until the surface sweep of the remaining roads that have an EZ affected by off post housing, or we will need direction and funding to demobilize the VTA and related equipment and subsequently mobilize the VTA back to Fort McClellan upon resolution of these issues. It is our understanding that if the VTA is returned to Denver, it may be several months before it is available again for our use. This could cause considerable delay in the schedule.

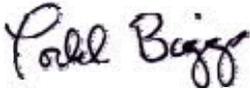
The cost to rent the VTA and related equipment is \$20,345.00 per month. It will cost approximately \$12,400 to demobilize and later mobilize the VTA, related equipment, and personnel back to the site. This will result in costs in addition to those mentioned above. We are in the process of estimating those costs and will provide them to your office under separate correspondence.



The possibility of requesting and receiving a 1 in 600 ruling to complete only the surface clearance portion of the remaining roads in the FWS-1H area has been discussed with Mr. Dan Copeland. This action would allow the VTA to complete the geophysical mapping and to be demobilized as planned. We will continue to discuss this option and if necessary, will request the 1 in 600 ruling for surface clearance only.

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

Sincerely,



Todd Biggs

*for* Arthur Holcomb, P.E.  
Project Manager

CF: Mr. Daniel Copeland, US Army Engineering & Support Center, Huntsville  
Mr. Alonzo Andrews, US Army Engineering & Support Center, Huntsville  
Ms. Suzanne Murdock, US Army Engineering & Support Center, Huntsville  
Mr. Alvin McNeal, 291 Jimmy Parks Blvd, Bldg 215, Fort McClellan, AL 36205





**FOSTER WHEELER ENVIRONMENTAL CORPORATION**

January 20, 2004  
**FWHN-FTMC-04-0012**

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

Subject: Final Amendment 1, Conventional Explosives Safety Submission (ESS), Ordnance and Explosives (OE) Removal Action for the Choccolocco Area U.S. Fish and Wildlife Land Transfer, Task Order 0020, Ordnance and Explosive Response at Fort McClellan, Alabama, Contract Number DACA87-99-D-0010

Dear Ms. Tadesse:

Foster Wheeler Environmental Corporation is pleased to submit the Final Amendment 1, Explosives Safety Submission for OE Removal Action for the Choccolocco Area U.S. Fish and Wildlife Land Transfer of Fort McClellan, Alabama. This document contains only the text, tables, and figure that have been changed or added. Upon approval, page by page slip sheets for the document will be supplied in accordance with the distribution list included in the Statement of Work. In addition, comments and responses on the draft version of this document are enclosed.

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

Sincerely,

Todd Biggs  
*for* Arthur B. Holcomb, P.E.  
Project Manager

Enclosures, as stated.

CF: Mr. Dan Copeland, US Army Engineering & Support Center, Huntsville (6 copies)  
Mr. Bill Shanks, Fort McClellan Transition Force (1 copy)  
Ms. Karen Pinson, Fort McClellan Transition Force (1 copy)





**FOSTER WHEELER ENVIRONMENTAL CORPORATION**

January 26, 2004  
**FWHN-FTMC-04-0018**

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

Subject: Request for Direction, General Site Support and Unexploded Ordnance Clearance for the Choccolocco Area U.S. Fish and Wildlife (FWS) Land Transfer, Task Order 20, Ordnance and Explosives Response, Fort McClellan, AL, Contract Number DACA87-99-D-0010

Ref: FWHN-FTMC-03-0311  
FWHN-FTMC-04-0009

Dear Ms. Tadesse:

This letter is to request direction in regards to VTA (Vehicle Towed Array) operations for the General Site Support and Unexploded Ordnance Clearance for the Choccolocco Area U.S. Fish and Wildlife Land Transfer, Task Order 20.

We requested a 1 in 600 ruling to perform OE Removal activities within the FWS-1H sector of the FWS area, this request was denied. We notified you of the change condition caused by the denial of the 1/600 ruling.

We have discussed many options to allow us to finish the required brush cutting in the FWS-1H area that would allow us to complete geophysically mapping with the VTA. The requirement for an EZ during brush cutting and surface clearance operations makes all work in the FWS-1H area impractical. As a result of this requirement, all effort in the FWS-1H area that effect off post facilities have ceased.

Currently, the VTA is onsite and not being used. We request immediate direction as to whether the VTA should de-mobilized or remain on site, with the rental cost being covered by the government under the change condition.

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

Sincerely,

Arthur Holcomb, P.E.  
Project Manager

CF: Mr. Daniel Copeland, US Army Engineering & Support Center, Huntsville  
Mr. Alonzo Andrews, US Army Engineering & Support Center, Huntsville  
Ms. Suzanne Murdock, US Army Engineering & Support Center, Huntsville  
Mr. Alvin McNeal, 291 Jimmy Parks Blvd, Bldg 215, Fort McClellan, AL 36205



**FOSTER WHEELER ENVIRONMENTAL CORPORATION**

February 6, 2004  
**FWHN-FTMC-04-0021**

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

Subject: Geophysical Data for the Fish and Wildlife Service Area, Task Order 0020, Ordnance and Explosive Response at Fort McClellan, Alabama, Contract Number DACA87-99-D-0010

Dear Ms. Tadesse:

In accordance with the Statement of Work for Task Order 0020, Foster Wheeler Environmental Corporation is submitting the geophysical data for the Fish and Wildlife Service Area. This is **Delivery #1** and contains data through the week ending February 3, 2004. The first 2 numbers in all the files represent the month of data collection. The second 2 numbers represent the day of data collection. The last letter on the file name represents the file sequence. The CD-ROM contains both processed and raw data.

The .xyz file contains 8 columns of data:

Column 1: X-easting	Column 7: C2-216-bottom coil 216 usec
Column 2: Y-northing	Column 8: C2-366-bottom coil 366 usec
Column 3: C1-660-top coil 660 usec	
Column 4: C2-660-bottom coil 660 usec	
Column 5: C3-660-noise level	
Column 6: C4-660-c1c2 difference	

The .stp file contains 3 columns of data:

Column 1: stake name  
Column 2: X-easting  
Column 3: Y-northing

If you have any questions or require additional information, please contact me at (256) 820-7904.

Sincerely,

Arthur B. Holcomb, P.E.  
Project Manager

Enclosures, as stated

CF: Mr. Jon Durham, US Army Engineering & Support Center, Huntsville  
(2 copies)



February 10, 2004  
FWHN-FTMC-04-0025

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

Subject: General Site Support and Unexploded Ordnance Clearance for the Choccolocco Area U.S. Fish and Wildlife (FWS) Land Transfer, Task Order 20, Ordnance and Explosives Response, Fort McClellan, AL, Contract Number DACA87-99-D-0010

Dear Ms. Tadesse:

This letter is to request direction for additional acreage requirements within the FWS land transfer area.

The survey of the roads and high use areas within the FWS area is complete. The following is a breakdown of the acreages as surveyed:

<u>Area</u>	<u>Acreage</u>
High Use Areas	16 ac
Roads and firebreaks	111.7 ac
<b>TOTAL</b>	<b>127.7 ac</b>

Per the awarded scope of work, we are required to perform the clearance operation on 125 acres. Please provide direction on whether to stop once the 125 acres is complete or to submit a proposal for the additional acreage.

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

Sincerely,

Arthur Holcomb, P.E.  
Project Manager

- CF: Mr. Daniel Copeland, US Army Engineering & Support Center, Huntsville
- Mr. Alonzo Andrews, US Army Engineering & Support Center, Huntsville
- Ms. Suzanne Murdock, US Army Engineering & Support Center, Huntsville
- Mr. Alvin McNeal, 291 Jimmy Parks Blvd, Bldg 215, Fort McClellan, AL 36205





February 10, 2004  
**FWHN-FTMC-04-0026**

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

Subject: General Site Support and Unexploded Ordnance Clearance for the Choccolocco Area U.S. Fish and Wildlife (FWS) Land Transfer, Task Order 20, Ordnance and Explosives Response, Fort McClellan, AL, Contract Number DACA87-99-D-0010

Ref: FWHN-FTMC-03-0311  
FWHN-FTMC-04-0009  
USACE letter of January 30, 2004

Dear Ms. Tadesse:

This letter is in response to your letter of January 30, 2004 regarding operations for the General Site Support and Unexploded Ordnance Clearance for the Choccolocco Area U.S. Fish and Wildlife Land Transfer, Task Order 20.

We agree that your 1/600 determination was not a change in and of itself. However, the impacts of denying the 1/600 request have resulted in a condition different from the priced and awarded scope of work (SOW). This determination has caused impacts in the planned execution. Surface clearance and brush clearance could not be continued because of this decision, which then resulted in a delay. Since brush clearance is required prior to the geophysical survey, this delay resulted in geophysical surveying equipment being idle.

We also agree that this is a firm fixed price task order. However, the Firm Fixed Price is only for items within the awarded scope. The SOW has no direction as to specific areas which require engineering controls and the proposal contained no cost for EZ issues related to off post facilities. The Most Probable Munition (MPM) is chosen by your staff. At the time of award the MPM had not been determined and therefore it was impossible to price any affect an exclusion zone would cause. We discussed with your staff how the EZ issue within the FWS-1H area would be handled and we were told to request a 1/600 ruling based on items found along roads leading into the affected areas. By denying this ruling and providing no direction as how to proceed with the required work, a changed condition has occurred.

As a result of this changed condition we are unable to work in the roads with exclusion zones that affect off post facilities and will be incapable of doing so until you provide direction on how to handle the EZ issue. This delay has caused a change in the execution of the awarded scope. The work was planned for continuous operations, however, the 1/600 determination and the lack of direction have caused this continuous process to be stopped. In discussions with your staff and the Fort McClellan Transition Force, the possibility of evacuating local residence was quickly removed and with over 60 homes in the exclusion zone (EZ) the thought of maintaining the EZ off post was also dismissed.



We also agree that our choice of equipment is our decision to make. However, in this instance the choice of equipment had no effect on whether or not we could have continued to work in the affected area. The Vehicle Towed Array has been sitting idle for three weeks as we have awaited direction. Until the decision is made and we receive that direction, we are in a government caused delay. We have made every effort possible to reduce the cost of this delay by moving personnel and equipment to other tasks and other task orders as available. The VTA, however, was specific to this task order and is sitting idle awaiting direction to proceed into the areas of concern.

With the recent approval of Amendment 1 to the Explosive Safety Submission (ESS), we have started surface and brush clearing operations again in the FWS-1H area. This amendment lessens the affects to off post facilities, but does not completely remove the EZ issue. Within the FWS-1H area, there still remains approximately 5200 feet of road that has an EZ that affects off post facilities. The amended ESS will allow the idle equipment to again be used for approximately 4 days and will then again be idle awaiting direction. Once you have determined how you would like us to proceed, we will determine the cost of the delay and submit them under separate correspondence.

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

Sincerely,



Arthur Holcomb, P.E.  
Project Manager

CF: Mr. Daniel Copeland, US Army Engineering & Support Center, Huntsville  
Mr. Alonzo Andrews, US Army Engineering & Support Center, Huntsville  
Ms. Suzanne Murdock, US Army Engineering & Support Center, Huntsville  
Mr. Alvin McNeal, 291 Jimmy Parks Blvd, Bldg 215, Fort McClellan, AL 36205



February 12, 2004  
FWHN-FTMC-04-0027

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

Subject: Request for 1 in 600 Rule in the U.S. Fish and Wildlife Area, Fort McClellan, Alabama, Task Order 0020, Ordnance and Explosives Response, Contract Number DACA87-99-D-0010

Dear Ms. Tadesse:

This letter is a request for a 1 in 600 ft ruling for several road segments within the northern portion of the FWS-1Ha, FWS-1Hb, and FWS-1Hc Areas. In accordance with the Site Specific Work Plan, section 2.6.3.3 the following rulings are requested.

**FWS-1Ha:** The current Most Probable Munition (MPM) for this area is based on the Mortar, 81mm, HE M43 with an exclusion zone of 1395 ft. We request a 1 in 600 ft ruling to a minimum 230 ft exclusion zone for a portion of this area that is adjacent to the northern boundary of the former Fort McClellan. The area in question has two roads that need to be cleared as part of this task order. The road segments for which the ruling is requested are 54, 55, 56, 57, and a portion of 63. Just outside of this area, we have completed surface clearance and some intrusive activities on road segments 30, 31, 58, and 62 with the following items being recovered:

Road Segment	Type(s)	Item(s)
30	OE Scrap	81mm Practice mortars (9), misc mortar parts (fins, tubes, fuze pieces)
31	None	No UXO or OE Scrap found
58	OE Scrap	81mm Practice mortars (3), pieces of fuzing and slap flares, 37mm fragmentation (1 piece)
62	OE Scrap	81mm Practice mortars (17), 57mm APT (2), various fuze parts, 4.2in mortar base plate (2)

**FWS-1Hb:** The current Most Probable Munition (MPM) for this area is based on the Projectile, 155mm, HE M107 with an exclusion zone of 2577 ft. We request a 1 in 600 ft ruling to a minimum 447 ft exclusion zone for a portion of this area that is adjacent to the northern boundary of the former Fort McClellan. The area in question has two roads that need to be cleared as part of this task order. The road segments for which the ruling is requested are 9, 10, 38, and 39. Just outside of this area, we have completed surface clearance and some intrusive activities on road segments 6, 7, 8, 3, 4, and 40 with the following items being recovered:



Road Segment	Type(s)	Item(s)
6	None	No UXO or OE Scrap
7	None	No UXO or OE Scrap
8	None	No UXO or OE Scrap
3	OE Scrap	75mm Shrapnel round, expended (3)
4	OE Scrap	75mm Shrapnel round, expended (3), 155mm Shrapnel round pusher plate, 4.2in Illumination mortar, 155mm fragmentation (1 piece)
40	None	No UXO or OE Scrap

**FWS-1Hc:** The current Most Probable Munition (MPM) for this area is based on the Rocket, 2.36in, HEAT M6 with an exclusion zone of 809 ft. We request a 1 in 600 ft ruling to a minimum 200 ft exclusion zone for a portion of this area that is adjacent to the northern boundary of the former Fort McClellan. The area in question has two roads that need to be cleared as part of this task order. The road segments for which the ruling is requested are a portion of segment 5. Just outside of this area we have completed surface clearance and some intrusive activities on road segments 1, 2, and a portion of 5 with the following items being recovered:

Road Segment	Type(s)	Item(s)
1	OE scrap	40mm smoke grenade parts, expended flares
2	None	No UXO or OE Scrap
5	OE Scrap	Expended smoke grenade

We would like to conduct clearance activities on these road segments and request your approval of this ruling. As always, feel free to contact Todd Biggs, Task Order Manager, or me at (256) 820-7904 if you require additional information.

Sincerely,



Arthur Holeomb, P.E.  
Project Manager

Enclosure, as stated

CF: Mr. Daniel Copeland, US Army Engineering & Support Center, Huntsville  
Ms. Suzanne Murdock, US Army Engineering & Support Center, Huntsville  
Mr. Alonzo Andrews, US Army Engineering & Support Center, Huntsville  
Mr. Alvin McNeal, 291 Jimmy Parks Blvd, Bldg 215, Fort McClellan, AL 36205



TETRA TECH FW, INC.

February 13, 2004  
**FWHN-FTMC-04-0028**

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

Subject: Request to Perform Surface Search in the U.S. Fish and Wildlife Area, Fort McClellan, Alabama, Task Order 0020, Ordnance and Explosives Response, Contract Number DACA87-99-D-0010

Dear Ms. Tadesse:

This letter is a request to perform a surface search on several road segments within the FWS-1H area. The surface search will be conducted on the roadbed only. The search will be conducted in accordance with the attached Amendment 1, Final Site Specific Work Plan, U.S. Fish And Wildlife Land Transfer.

We would like to conduct the surface search on these road segments and request your approval of this request. As always, feel free to contact Todd Biggs, Task Order Manager, or me at (256) 820-7904 if you require additional information.

Sincerely,

Arthur Holeomb, P.E.  
Project Manager

Enclosure, as stated

CF: Mr. Daniel Copeland, US Army Engineering & Support Center, Huntsville  
Ms. Suzanne Murdock, US Army Engineering & Support Center, Huntsville  
Mr. Alonzo Andrews, US Army Engineering & Support Center, Huntsville  
Mr. Alvin McNeal, 291 Jimmy Parks Blvd, Bldg 215, Fort McClellan, AL 36205



291 Jimmy Parks Blvd, Bldg 215  
PO Box 5037, Fort McClellan, AL 36205  
Tel 256.820.7904 Fax 256.820.6322  
[www.ttfwi.com](http://www.ttfwi.com)



February 17, 2004  
FWHN-FTMC-04-0029

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

Subject: Geophysical Data for the Fish and Wildlife Services Area, Task Order 0020, Ordnance and Explosive Response at Fort McClellan, Alabama, Contract Number DACA87-99-D-0010

Dear Ms. Tadesse:

In accordance with the Statement of Work for Task Order 0020, Foster Wheeler Environmental Corporation is submitting the Geophysical data for the Fish and Wildlife Services Area. This is **Delivery #2** and contains data through the week ending February 3, 2004. The first 2 numbers in all the files represents the month of data collection. The second 2 numbers represent the day of data collection. The last letter on the file name represents the file sequence. The CD-ROM contains both processed and raw data.

The processed .xyz file contains 8 columns of data:

- |                                       |                                       |
|---------------------------------------|---------------------------------------|
| Column 1: X-easting                   | Column 7: C2-216-bottom coil 216 usec |
| Column 2: Y-northing                  | Column 8: C2-366-bottom coil 366 usec |
| Column 3: C1-660-top coil 660 usec    |                                       |
| Column 4: C2-660-bottom coil 660 usec |                                       |
| Column 5: C3-660-noise level          |                                       |
| Column 6: C4-660-c1c2 difference      |                                       |

The positioning .stp file contains 3 columns of data:

- Column 1: stake name
- Column 2: X-easting
- Column 3: Y-northing

The .mdb file contains raw EM61mkII data where:

- |           |     |                      |
|-----------|-----|----------------------|
| S1:Coil 1 | C1: | top coil 660 usec    |
| S2:Coil 2 | C2: | bottom coil 660 usec |
| S3:Coil 3 | C3: | bottom coil 366 usec |
| S4:Coil 4 | C4: | bottom coil 216 usec |
| S5:Coil 5 |     |                      |

If you have any questions or require additional information, please contact me at (256) 820-7904.

Sincerely,

Arthur B. Holcomb, P.E.  
Project Manager

CF: Mr. Jon Durham, US Army Engineering & Support Center, Huntsville





February 24, 2004  
FWHN-FTMC-04-0035

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

Subject: Proposed Method for Clearing Roads in the FWS Area, Task Order 0020, Ordnance and Explosives Response, Ft. McClellan, Alabama, Contract Number DACA87-99-D-0010, Ft. McClellan, AL

Dear Ms. Tadesse:

Based on our work in the FWS-1H area we request the following alternatives for the road segments that affect off post facilities:

1. Road segments 09 and 39 are bordered on both sides by areas designated as requiring a clearance. We request that the roadbed be designated as part of the area with the least restrictive exclusion zone (EZ). This will allow the roadbed and one side of the segment to be intrusively excavated without the need for engineering controls or evacuation. The following is a list of the segments for which this method is requested and the EZ's for each segment:

<u>Segment</u>	<u>EZ Now</u>	<u>EZ Proposed</u>
09	155mm (2577ft)	2.36'' (809ft)
39	155mm (2577ft)	81mm (1395ft)

By using the smaller of the two EZ's we will be able to go intrusive on the roadbed and one side. This will leave approximately 9 feet on one side of the road that will require engineering controls, a 1/600 ruling, or evacuation. The data obtained from excavation of the roadbed and the one side could be used in the evaluation of the 1/600 request for the remaining side.

2. On the northern end of section 5 we request a 1/600 ruling. We found maneuver items only (smoke grenades and slap flares) on the remaining portion of segment 5 that leads up to the area in question.

3. For section 10, 54, 55, 56, 63, and the remaining one side of segments 09 and 39 we request a 1/600 ruling or direction on how to proceed.

The following is a list of Items and the segment on which they were recovered:



Number of Items	Description
<b>Segment 5</b>	
4	Smoke Grenades
1	Slap Flare
<b>Segment 53</b>	
1	81mm, Mortar, Practice, w/ fuze
2	81mm, Mortar, Practice
1	37mm, APT
1	57mm, APT
<b>Segment 58</b>	
3	81mm, Mortar, Practice
<b>Segment 62</b>	
1	81mm, Mortar, Practice, w/ fuze
20	81mm, Mortar, Practice
6	57mm, APT

One alternative would be to grant the 1/600 ruling to allow us to mag and flag (only) the segments listed in number 3 above. This would, at a minimum, give USAESCH an anomaly count for the purpose of deciding to use engineering controls, evacuation, or the granting of a 1/600 ruling.

Please provide your decision on these requests and any direction that is required.

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

Sincerely,

Arthur Holcomb, P.E.  
Project Manager

No enclosure.

CF: Mr. Daniel Copeland, US Army Engineering & Support Center, Huntsville  
Ms. Suzanne Murdock, US Army Engineering & Support Center, Huntsville  
Mr. Alonzo Andrews, US Army Engineering & Support Center, Huntsville  
Mr. Alvin McNeal, 291 Jimmy Parks Blvd, Bldg 215, Fort McClellan



March 22, 2004  
FWHN-FTMC-04-0054

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

Subject: Geophysical Data for the Fish and Wildlife Services Area, Task Order 0020, Ordnance and Explosive Response at Fort McClellan, Alabama, Contract Number DACA87-99-D-0010

Dear Ms. Tadesse:

In accordance with the Statement of Work for Task Order 0020, Tetra Tech FW is submitting the Geophysical data for the Fish and Wildlife Services Area. This is **Delivery #3** and contains data through the week ending March 22, 2004. The first 2 numbers in all the files represent the month of data collection. The second 2 numbers represent the day of data collection. The last letter on the file name represents the file sequence. The CD-ROM contains both processed and raw data.

The processed .xyz file contains 8 columns of data:

Column 1: X-easting	Column 7: C2-216-bottom coil 216 usec
Column 2: Y-northing	Column 8: C2-366-bottom coil 366 usec
Column 3: C1-660-top coil 660 usec	
Column 4: C2-660-bottom coil 660 usec	
Column 5: C3-660-noise level	
Column 6: C4-660-c1c2 difference	

The positioning .stp file contains 3 columns of data:

Column 1: stake name  
Column 2: X-easting  
Column 3: Y-northing

The .mdb file contains raw EM61mkII data where:

S1:Coil 1	C1: top coil 660 usec
S2:Coil 2	C2: bottom coil 660 usec
S3:Coil 3	C3: bottom coil 366 usec
S4:Coil 4	C4: bottom coil 216 usec
S5:Coil 5	



If you have any questions or require additional information, please contact me at (256) 820-7904.

Sincerely,



Arthur B. Holcomb, P.E.  
Project Manager

CF: Mr. Jon Durham, US Army Engineering & Support Center, Huntsville



April 9, 2004  
FWHN-FTMC-04-0068

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

Subject: Request for 1 in 600 Rule in the U.S. Fish and Wildlife Area, Fort McClellan, Alabama, Task Order 0020, Ordnance and Explosives Response, Contract Number DACA87-99-D-0010

Dear Ms. Tadesse:

This letter is a request for a 1 in 600 ft ruling for three specific areas within the northern portion of the FWS-1Ha, FWS-1Hb, and FWS-1Hc Areas. In accordance with the Site Specific Work Plan, section 2.6.3.3 the following rulings are requested.

**FWS-1Ha:** The current Most Probable Munition (MPM) for this area is based on the Mortar, 81mm, HE M43 with an exclusion zone of 1395 ft. We request a 1 in 600 ft ruling to a minimum 230 ft exclusion zone for four road segments that are adjacent to the northern boundary of the former Fort McClellan. The road segments for which the ruling is requested are 54, 55, 56, 57 and a portion of 63. Just outside of this area, we have completed surface clearance and some intrusive activities on road segments 30, 31, 58, and 62 with the following items being recovered:

Road Segment	Type(s)	Item(s)
12	OE Scrap	81mm Practice mortars (1) 75mm Pusher plate (2)
53	Inert and OE Scrap	81mm Practice mortars (5) 57mm APT (2) Slap Flare, expended (1)
58	OE Scrap	81mm Practice mortars (3)
62	OE Scrap	81mm Practice mortars (25) 57mm APT (9) 75mm Shrap, expended (1)

**FWS-1Hb:** The current Most Probable Munition (MPM) for this area is based on the Projectile, 155mm, HE M107 with an exclusion zone of 2577 ft. We request a 1 in 600 ft ruling to a minimum 447 ft exclusion zone for the road bed and southern side of sectors 9 and 10 and the road bed and western side of segment 39. Just outside of this area, we have completed surface clearance and some intrusive activities on road segments 3, 4, 8, 9, 39 and 40 with the following items being recovered:



Road Segment	Type(s)	Item(s)
3	OE Scrap	75mm Shrapnel round, expended (3)
4	OE Scrap	75mm Shrapnel round, expended (3), 155mm Shrapnel round pusher plate, 4.2in Illumination mortar, 155mm, expended fragmentation (1 piece) M1907 Fuze, expended (4)
8	None	No UXO or OE Scrap
9 (northern side of road)	OE Scrap	Expended Smoke grenade (1)
39 (eastern side of road)	None	No UXO or OE Scrap
40	OE Scrap	75mm Shrapnel round, expended (3)

**FWS-1Hc:** The current Most Probable Munition (MPM) for this area is based on the Rocket, 2.36in, HEAT M6 with an exclusion zone of 809 ft. We request a 1 in 600 ft ruling to a minimum 200 ft exclusion zone for the northern most portion of road segment 05 that is adjacent to the northern boundary of the former Fort McClellan. The road segments for which the ruling is requested is a small portion of segment 5. Just outside of this area we have completed surface clearance and intrusive activities on the remainder of road segment 5 with the following items being recovered:

Road Segment	Type(s)	Item(s)
5	Inert Items	Expended 75mm Shrap round, (3) expended smoke grenades

We would like to conduct clearance activities on these road segments and request your approval of this ruling. As always, feel free to contact Todd Biggs, Task Order Manager, or me at (256) 820-7904 if you require additional information.

Sincerely,



Arthur Holcomb, P.E.  
Project Manager

Enclosure, as stated

CF: Mr. Daniel Copeland, US Army Engineering & Support Center, Huntsville  
Ms. Suzanne Murdock, US Army Engineering & Support Center, Huntsville  
Mr. Alonzo Andrews, US Army Engineering & Support Center, Huntsville  
Mr. Alvin McNeal, 291 Jimmy Parks Blvd, Bldg 215, Fort McClellan, AL 36205



TETRA TECH FW, INC.

May 26, 2004  
**FWHN-FTMC-04-0096**

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

Subject: Cost for expanding the clearance along Bains Gap Road, Task Order 0020, UXO Clearance for the Choccolocco Area, US Fish & Wildlife Service (FWS) Land Transfer, Ordnance and Explosive Response at Fort McClellan, Alabama, Contract Number DACA87-99-D-0010

Dear Ms. Tadesse:

In response to the telephone discussion between Mr. Daniel Copeland and myself on May 25, 2004, we have evaluated the costs of expanding the clearance along Bains Gap Road to 50 feet on either side of the centerline of the road. Using the survey data we have calculated the additional area to be cleared to be approximately 6.2 acres. If this effort is authorized prior to our demobilization and can be performed with the equipment currently on site, the costs can be based on a unit cost per acre from the original awarded contract. The cost of this effort would be approximately \$70,000 to \$80,000. Like the current awarded effort, these costs do not include the use of engineering controls.

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, as stated

CF: Ms. Frances Steel, US Army Engineering & Support Center, Huntsville  
Mr. Dan Copeland, US Army Engineering & Support Center, Huntsville  
Mr. Alonzo Andrews, US Army Engineering & Support Center, Huntsville  
Mr. Alvin McNeal, 291 Jimmy Parks Blvd, Fort McClellan





June 2, 2004  
FWHN-FTMC-04-0102

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

Subject: Request for 1 in 600 Rule in the U.S. Fish and Wildlife Area, Fort McClellan, Alabama, Task Order 0020, Ordnance and Explosives Response, Contract Number DACA87-99-D-0010

Dear Ms. Tadesse:

This letter is a request for a 1 in 600 ft ruling for 5 segments within the northern portion of the FWS-1H Area. In accordance with the Site Specific Work Plan, section 2.6.3.3 the following rulings are requested.

**Segments:** 6, 14, 15, 16, and 17. The current Most Probable Munition (MPM) for these segments is based on the Mortar, 81mm, HE M43 with an exclusion zone of 1395 ft. We request a 1 in 600 ft ruling to a minimum 230 ft exclusion zone for the 5 road segments. We have completed intrusive activities in adjacent road segments, 7, 8, 18, 19 and 20 with the following items being recovered:

Road Segment	Type(s)	Item(s)
7	None	Non-OE Scrap
8	None	Non-OE Scrap
18	OE Scrap	60mm tail boom (5) 60mm tail fins (5) 60mm frag Base of 57mm projectile
19	None	Non-OE Scrap
20	None	Non-OE Scrap

We would like to conduct clearance activities on these road segments and request your approval of this ruling. As always, feel free to contact Todd Biggs, Task Order Manager, or me at (256) 820-7904 if you require additional information.

Sincerely,

Arthur Holcomb, P.E.  
Project Manager

Enclosure, as stated



CF: Mr. Daniel Copeland, US Army Engineering & Support Center, Huntsville  
Ms. Suzanne Murdock, US Army Engineering & Support Center, Huntsville  
Mr. Alonzo Andrews, US Army Engineering & Support Center, Huntsville  
Mr. Alvin McNeal, 291 Jimmy Parks Blvd, Bldg 215, Fort McClellan, AL 36205

June 17, 2004  
**FWHN-FTMC-04-0111**

Finance and Accounting Officer  
U.S. Army Engineering and Support Center, Huntsville  
ATTN: CEHNC-RM-F (EXAM)  
P.O. Box 1600 (4820 University Square)  
Huntsville, AL 35807-4301

Subject: Public Voucher 28 for Purchases and Services for Task Order 0020, General Site Support and Unexploded Ordnance Clearance for the Choccolocco Area, US Fish & Wildlife Transfer at Fort McClellan, AL, Contract Number DACA87-99-D-0010

Dear Sir/Madam:

Please find enclosed the original and one copy of Public Voucher 28 for Task Order 0020, General Site Support and Unexploded Ordnance Clearance for the Choccolocco Area, US Fish & Wildlife Transfer at Fort McClellan, AL. This invoice is submitted in accordance with the instructions contained in the contract. The time period for this invoice is from June 1, 2004 to June 15, 2004.

Should you have any questions or comments, please contact Mr. Todd Biggs at (256) 820-7904.

Sincerely,



Arthur B. Holcomb, P.E.  
Project Manager

Enclosures, as stated

CF w/o Enclosures: Ms. Lydia Tadesse, Contracting Officer  
US Army Engineering and Support Center, Huntsville  
ATTN: CEHNC-CT-E  
P.O. Box 1600  
Huntsville, AL 35807-4301



June 23, 2004  
**FWHN-FTMC-04-0114**

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

Subject: Response to Safety Violation, Task Order 0020, Fish and Wildlife Removal Area, Ordnance and Explosive Response at Fort McClellan, Alabama, Contract Number DACA87-99-D-0010

Dear Ms. Tadesse:

For the intrusive operations in Task Order 20, an equipment operator (non-UXO qualified) has been an integral part of the intrusive team. This is consistent with the requirements of EM 385-1-95a paragraph 14 b. On June 23, 2004, the intrusive team was working in FWS-1H segment 63. The team included two UXO IIIs, three UXO IIs, and one equipment operator who, provides backhoe support. The backhoe operator, when not actually digging, moves away from the excavation as needed to allow the UXO personnel easy access to the excavation, but remains close enough to be seen by and receive direction from the team leader. The site ACOE safety specialist had been with the team for some time during the morning. At some point the ACOE safety specialist indicated to the SUXOS that he felt the backhoe operator should be positioned at least 200 feet away from the intrusive team. The SUXOS and the ACOE safety specialist discussed essential personnel and the fact that the equipment operator is assigned to the team. The safety specialist still believed that the operator needed to be 200 feet away from the team, so in the spirit of cooperation, the SUXOS elected to move the backhoe back at least 200 feet. The SUXOS remained with the operator because this is a UXO area that requires non-UXO personnel to be escorted and at 200 feet away, the operator was not visible to the team leader. The SUXOS contacted the project manager and explained the situation. The project manager and SUXOS determined that the equipment operator is essential personnel and a member of the intrusive team. The project manager directed that the equipment operator be moved back to the location of the team. Due to the terrain the operator was not visible to the team when 200 feet away. Since the operator was no longer 200 feet away the OE safety Representative issued the attached 948.

Until this issue is resolved, I have directed the equipment operator be removed from the team and that the team mark excavator required digs. Please provide direction to either continue with the approved method of intrusive operations in accordance with EM 385-1-95a or provide cost and schedule impacts for the directed change.



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

Sincerely,

A handwritten signature in blue ink, appearing to read 'A. B. Holcomb', written in a cursive style.

Arthur B. Holcomb, P.E.  
Program Manager

CF: Mr. Daniel Copeland, US Army Engineering & Support Center, Huntsville  
Mr. Walt Zange, US Army Engineering & Support Center, Huntsville  
Mr. Todd Biggs, TtFWI, Fort McClellan  
Mr. Charles Doak, TtFWI, Fort McClellan



TETRA TECH FW, INC.

June 24, 2004  
**FWHN-FTMC-04-0115**

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

Subject: Withdrawal of Letter FWHN-FTMC-04-0114, Response to Safety Violation, Task Order 0020, Fish and Wildlife Removal Area, Ordnance and Explosive Response at Fort McClellan, Alabama, Contract Number DACA87-99-D-0010

Dear Ms. Tadesse:

Tetra Tech FW, Inc. rescinds letter no. FWHN-FTMC-04-0114, Response to Safety Violation, Task Order 0020, dated June 23, 2004.

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

Sincerely,

Arthur B. Holcomb, P.E.  
Program Manager

CF: Mr. Daniel Copeland, US Army Engineering & Support Center, Huntsville  
Mr. Walt Zange, US Army Engineering & Support Center, Huntsville  
Mr. Todd Biggs, TtFWI, Fort McClellan  
Mr. Charles Doak, TtFWI, Fort McClellan





TETRA TECH FW, INC.

July 27, 2004  
**FWHN-FTMC-04-0133**

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

Subject: Cost Proposal, Additional 1.2 Acres, FWS Area, Task Order 0020, Ordnance and Explosive Response at Fort McClellan, Alabama, Contract Number DACA87-99-D-0010

Dear Ms. Tadesse:

Please find attached the firm fixed price (FFP) proposal for the additional 1.2 acres at a cost of \$10,379.24 in labor with \$926.04 in fee per acre for a total of \$13,566.33. There are sufficient excess T&M funds available in task 15, QA support, for this effort. This proposal was prepared in accordance with your request of July 27, 2004.

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, as stated

CF: Ms. Frances Steel, US Army Engineering & Support Center, Huntsville  
Mr. Dan Copeland, US Army Engineering & Support Center, Huntsville  
Mr. Alonzo Andrews, US Army Engineering & Support Center, Huntsville  
Mr. Alvin McNeal, 291 Jimmy Parks Blvd, Fort McClellan





July 31, 2004  
**FWHN-FTMC-04-0134**

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

Subject: ADEM Administrative Order, Ordnance and Explosive Response at Fort McClellan, Alabama, Contract Number DACA87-99-D-0010

Dear Ms. Tadesse:

On Friday, 30 July 2004, ADEM issued an Administrative Order against Fort McClellan Transition Force; U.S. Army Engineering and Support Center, Huntsville; U.S. Fish & Wildlife Service; and Tetra Tech FW for violations under state law concerning UXO clean up in the Charlie area. Additionally, four representatives of ADEM visited the site, requested access to Tetra Tech records from July 1, 2004 and conducted a site visit to the location of the alleged violations. Mr. Todd Biggs and Mr. Charles Doak of Tetra Tech and Mr. Ron Levy and Mr. Bill Shanks of Fort McClellan Transition Force were present during the site tour. While on site ADEM requested and was provided the following:

- 948's providing QA results
- The Task Order 20 database
- SUXOS daily log

In addition ADEM requested and was provided access to the dig sheets and dig results.

Following the site visit, we initiated an investigation into the allegations in the Administrative Order. Preliminary results of the investigation indicated that the allegations in the order are founded. Currently, the following information is known:

- On July 1, 2004 the Tetra Tech intrusive team excavated and moved fuzed practice 81 mm mortars.
- A Tetra Tech employee on the team expressed concern that this was not in accordance with procedures.
- A Tetra Tech employee called ADEM and reported the actions.

Upon learning of this information, Mr. John DeFeis, Vice President - Remediation, Mr. David Keller, UXO Manager, and Mr. Frank Jones, Sr. Vice President - Construction, all of Tetra Tech, have advised that they will be at Fort McClellan on Monday August 2, 2004 to participate in the



investigation.

An incident report fully documenting the results of the investigation will be prepared and submitted for your review. Tetra Tech neither condones nor will tolerate actions like or similar to those alleged. Tetra Tech will take any and all appropriate corrective and disciplinary actions.

Should you require additional information me at (256) 820-7904 or Mr. John DeFeis at (770) 331-4192.

Sincerely,



Arthur B. Holcomb, P.E.  
Project Manager

CF: Mr. David Douthat, US Army Engineering & Support Center, Huntsville  
Mr. Dan Copeland, US Army Engineering & Support Center, Huntsville  
Ms. Suzanne Murdock, US Army Engineering & Support Center, Huntsville  
Dr. John Potter, US Army Engineering & Support Center, Huntsville



August 20, 2004  
**FWHN-FTMC-04-0152**

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

Subject: Contract DACA87-99-D-0010, Task Order 0020, General Site Support and Unexploded Ordinance Clearance for the Choccolocco Area, U.S. Fish & Wildlife Transfer at Fort McClellan, Alabama, Invoice Number 29, dated July 6, 2004

Dear Ms. Tadesse:

It has come to our attention that the referenced invoice contained a minor overstatement of the amount due Tetra Tech FW, Inc. ("TTFW") and requires an adjustment, which TtFW proposes it make on its next invoice.

The July 6, 2004 invoice at Contract Line Item Number 0009AK, "Task 10- Perform UXO/OE Clearance-Removal Action (FFP)," states that the work is 100 percent complete. In fact, work was not completed in sector 56 due to the mishandling of fuzed items in road segment 56. Had the work been performed properly and in accordance with the Work Plan, all work would have been 100 percent completed prior to the date of the invoice. The mishandling of the fuzed items was the subject of a COE Cure Notice dated August 12, 2004, to which TTFW responded to by letter dated August 19, 2004.

TTFW's Accounting Department had no knowledge of the misconduct at the time it prepared the invoice, and in fact had been told that all work had been completed. As stated in the response to the Cure Notice, upon learning of the misconduct, TTFW immediately undertook corrective action and the work now in fact is 100 percent complete. Nevertheless, the July 6, 2003 invoice overstated the extent of completion on CLIN 0009AK, which should have stated that the work was 99 percent complete as opposed to 100 percent.<sup>1</sup> As the July 6, invoice has now been paid, TtFW believes it would be appropriate to remit to the Government interest at the Treasury Rate on the full amount of CLIN 0009AK for the period July 1 through August 15, which amount will be deducted the TtFW's next invoice.

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<sup>1</sup> The July 6, 2004 invoice covers services rendered through June 30, 2004, and therefore should not have covered work performed on July 1, 2004 in any event, an inadvertent error for which TtFW apologizes. The error occurred because TtFW accounting personnel had been unable to contact the Program Manager until after the conclusion of the July 4 weekend, and the Program Manager mistakenly included all work performed the previous week, which included July 1. Typically, the Accounting Department obtains billing information on the last date of a billing cycle in order to determine the percentage complete.



Lydia Tadesse  
August 13, 2004  
Page 2

We hope that this corrective action is acceptable to the government.

Sincerely,

A handwritten signature in blue ink, appearing to read "A. Holcomb".

Arthur Holcomb, P.E.  
Project Manager

Enclosure.

CF: Mr. Daniel Copeland, US Army Engineering & Support Center, Huntsville  
Ms. Frances Steel, US Army Engineering & Support Center, Huntsville  
Mr. David Douthat, US Army Engineering & Support Center, Huntsville  
Dr. John Potter, US Army Engineering & Support Center, Huntsville

Lydia Tadesse  
August 13, 2004  
Page 3

bcc: James Leonard, Esq.  
Brian Bannon, Esq.



February 16, 2005  
**FWHN-FTMC-05-0015**

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

Subject: Final Letter Report, Task Order 01, Site Characterization, M1.01 Parcel and M3 Miscellaneous Properties, Ordnance and Explosive Response at Fort McClellan, Alabama, Contract Number DACA87-99-D-0010

Dear Ms. Hampton:

The following contains the details of the final letter report for this task order.

#### **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 M1.01 Parcel and M3 Miscellaneous Properties and the six grids that were sampled.

#### **SITE HISTORY**

The M1.01 Parcel and M3 Miscellaneous Properties were used by the Army as a maneuver area for training military personnel and as a corral and stable area for horses. The area was sampled in early 2000 by Zapata Engineering as part of the Eastern Bypass EE/CA. In 2002, Foster Wheeler Environmental and their subcontractor USA Environmental conducted a clearance to one foot over this area. The area received a statement of clearance from the U.S. Army Corps of Engineers, Huntsville and was transferred to the local Joint Powers Authority (JPA).

#### **OBJECTIVE**

The objective of this additional site characterization was to geophysically survey and intrusively investigate the six grids shown on Figure 1. The reason for conducting the sampling was to collect additional information requested by the Alabama Department of Environmental Management (ADEM) to determine if the clearance to one foot that was performed in 2002 was an appropriate removal action for the M1.01 Parcel and Miscellaneous Properties.



## DISCUSSION

Tetra Tech FWI received a Request for Proposal (RFP) for the site characterization in the M1.01 Parcel and M3 Miscellaneous Properties and a revised Statement of Work (Attachment A) for Site Characterization at Ft. McClellan. The Site Specific Work Plan was prepared and submitted, and on December 8, 2004 a Notice to Proceed with non-intrusive work was provided. The Notice to Proceed with intrusive work was granted on December 15, 2004. The characterization was completed on January 13, 2005.

The six grids were chosen by the JPA and ADEM during a meeting that was held in October 2004. The grids selected were: D05, D41, E29, G20, G24, and G64. Field work began with the location survey, to locate the six grids, and the brush clearing of the grids to allow for a proper geophysical survey. During this first phase it was determined that one grid, E29 could not be completely surveyed due to the presence of standing water in approximately half the grid. ADEM was contacted and after a brief meeting in the field between ADEM, the Army, and TtFW management it was decided that a portion of Grid E50 would be cleared adjacent to E29 to make up for the area of E29 that could not be sampled. Before starting the geophysical survey, the geophysical survey team conducted an equipment validation in the TtFW geophysical test plot. This data is available on the CD that accompanies this report.

Once the TtFW geophysicist had processed and ensured the validation data was within acceptable parameters, the team began collecting geophysical data within the six grids. The team used the EM-61 Mk II to collect the geophysical data and the Constellation Laser Positioning System (CLPS) to collect location data. Geophysical data was processed by the site Geophysicist. Dig sheets were produced along with geophysical maps of each grid for the intrusive teams to use. Raw and processed geophysical data is provided on the CD that accompanies this letter report. The dig sheets and geophysical maps are included in Attachment C.

Reacquire was performed using two methods for this task order. The first method consisted of using tape measures to measure the distance from the known corner stakes to the selected anomaly location. The second method involved the use of the Vulcan Laser Positioning System. Both a Schondstedt Cx-52 and Vallon VMX series hand held instrument were used to help pin point the anomaly location. Pin flags were used to mark the location. Each flag was labeled with the grid number and anomaly number in permanent ink.

Intrusive activities began in the three G grids located south of Summeral Gate Road and then moved to the three grids north of the road. Hand tools, a backhoe, and mini-excavator were used to investigate anomalies within these grids. Intrusive results are included in Attachment B and are discussed in the Findings section below.

Product Quality Control (QC) was performed using a MIL-STD 1916 approach while process QC was conducted using the three phase process as described in the Final Site Specific Work Plan for this task. The six grids were considered one lot that contains a total of 120 lanes, of which 32 lanes were randomly selected and were geophysical surveyed using the same

procedures and equipment used for the initial survey. Each grid has 20 lanes and they were number as follows; D05 (Lanes 1-20), D41 (lanes 21-40), E29/50 (lanes 41-60), G20 (lanes 61-80), G24 (lanes 81-100), and G64 (lanes 101-120). Table 1 shows the grids and lanes that were selected for sampling under this plan. All data was processed by the Project Geophysicist and the selected anomalies were intrusively investigated. Final QA acceptance sampling was conducted with no withholds being noted. A DA Form 948 was issued indicating the entire area had passed government QA sampling on January 13, 2005. The raw and processed QC data is also on the CD that accompanies this letter report, with the dig sheets and geophysical maps being presented in Attachment C.

**Table 1  
QC Lanes Selected for Sampling**

Lane Assignments						
Grids:	D05	D41	E29/50	G20	G24	G64
Lane	1	28	42	61	85	108
Lane	11	30	48	69	88	110
Lane	14	35	57	71	90	111
Lane	20	37	60	72	92	115
Lane		39		73	93	117
Lane				80	95	120
Lane					97	

**FINDINGS**

Within all six grids large amounts of Non Munitions Debris was found and in each grid Munitions Debris was found that was consistent with the type of items found during the previous EE/CA and one foot clearance. No munitions related items were found that were inconsistent with the findings during the Archives Search Report, EE/CA and one foot clearance. A break down of items found within each grid is located in Attachment B. A brief summary of the munitions related findings by grid is provided below.

- In grid G20 several pieces of galvanized fence pipe at depths from 14” to 36” were recovered that had been marked with “60mm” and a serial number (12, 15, etc.). This caused a minor delay while all parties involved with this task order determined the origin of these pipes. It was determined that the pipes were part of a geophysical test grid used by Zapata Engineering in 1999 for a geophysical prove out as part of the Eastern Bypass EE/CA. Three (3) 60mm training mortars were also found at 12”, 13” and 20” deep. These were training mortars that contain no explosive hazard and are classified as munitions debris (MD).

- In grid G24 one partial illumination type rifle grenade was located at 3”. This item was expended and contained no energetic or pyrotechnic filler and was classified as MD.

- In grid G64 two (2) rifle grenades were found, one was an illumination round at 12” the second was a smoke round at 6”. Both items were expended and contained no energetic or pyrotechnic filler and were classified as MD.

- In grid D05 no MD was located.

- In grid D41 four (4) 2.36” M7 Practice Rockets at 3”, 4”, 10”, and 18” were located. Two (2) of the four rockets were perforated to confirm that they were practice. The items were practice rockets. None of the 4 rockets contained energetic material or pyrotechnic filler and were classified as MD.

- In grid E29/50 one practice rifle grenade was located 14”. This item was expended and contained no energetic material or pyrotechnic filler and was classified as MD.

The Archive Search Report (ASR) has information that this particular area was used during the early 1900’s as a stable and corral for horses. During the one foot clearance large amounts of horseshoe nails and similar small metal was reported. During this additional characterization large areas of these nails were identified in all 6 grids and required mechanical excavation to clear. The geophysical maps provided in Attachment C show the large areas of heavy concentrations and photographs are provided in Attachment E that show the size of these nail pits.

Table 2 gives a brief summary of the pounds of MD and Non-MD located within the six selected grids.

**Table 2**  
**Pounds of MD and Non-MD per grid**

	<b>NON-MUNITIONS DEBRIS</b>	<b>MUNITIONS DEBRIS</b>
<b>D05</b>	172	0
<b>D41</b>	110	6
<b>E29/50</b>	96	1
<b>G20</b>	106	26
<b>G24</b>	203	1
<b>G64</b>	142	5

These totals include ALL anomalies: Mapped and Mag and Dig (Regular and QC)

As described in the work plan, the assigned UXOQC randomly selected anomalies that had been identified as “No-dig” anomalies by the site geophysicist and changed them to “Dig” anomalies. Table 3 below shows these anomalies and what was located when these items were investigated.

**Table 3  
No-Dig Anomalies Selected for Sampling**

<b>Target ID</b>	<b>Grid</b>	<b>Priority</b>	<b>Geo Comments</b>	<b>MEC Item?</b>	<b>Item Description/Comment</b>
154	D05	no dig,	small-noise	N	nails @ 2"
172	D05	no dig,	small-noise	N	no find
182	D05	no dig,	small-noise	N	6" wire @ 2"
215	D05	no dig,	data gap	N	no find
130	D41	no dig,	data gap	N	no find
55	E29/50	no dig,	small-noise	N	nail @ 10"
71	E29/50	no dig,	data gap	N	no find
113	G20	no dig,	small-noise	N	m5 mousetrap
114	G20	no dig,	small-noise	N	no find
115	G20	no dig,	small-noise	N	no find
151	G24	no dig,	grid corner	N	corner stake
156	G24	no dig,	small-noise	N	1.5"x4" metal @ 7"
178	G24	no dig,	small-noise	N	nails@ 6"
191	G24	no dig,	small-noise	N	no find
123	G64	no dig,	small-noise	N	3"x2" metal@ 2"
126	G64	no dig,	small-noise	N	6" nail @2"
127	G64	no dig,	small-noise	N	2"x4" metal @2"
139	G64	no dig,	small-noise	N	2" nail @ 2"

During the QC process no items were recovered that met the criteria for a QC rejection condition. All 6 grids were turned over for government QA inspection and subsequently passed the government QA inspection on the first inspection on January 13, 2005. A full list of items recovered during QC sampling can be viewed in Attachment B. The governments QA report is in Attachment F.

## CONCLUSION

Six grids in the M1.01 Parcel and M3 Miscellaneous Property were chosen by JPA and ADEM for geophysical mapping and intrusive investigation. The objective of this sampling was to determine if the one foot clearance performed in 2002 was the appropriate response action for this area. The findings of this sampling showed no UXO or evidence of UXO, i.e. fragmentation, in any of the grids. Munitions debris was found in five of the six grids. Four munitions debris items were located below 12". Most important to note from this sampling were that all of the munitions related items found were training items. The original conceptual site model defined this area as a training area. To date, with the exception of the one 60 mm HE mortar, all items found during the initial clearance and the resampling have been items associated with training activities.

The important facts to note about the sampling results are outlined below:

- 1) The purpose of any ordnance clearance is to remove items that are dangerous to the public welfare, not to remove scrap metal. None of the items found during this sampling contained an explosive hazard.
- 2) There were over 3100 items removed from these six grids during the previous one foot clearance and this sampling. To find 7 items that met failure criteria in the top foot shows that the initial one foot clearance discovered 99.8% of the items in the top foot. Although 100% is always the goal, it is well understood in the UXO industry that current technology does not allow for 100% clearance.
- 3) The grids selected for this sampling were the most heavily contaminated grids during the one foot clearance. Logically, the probability of finding missed items would be greater in these grids.
- 4) The original decision to clear to one foot was based on the past history (as described in the ASR), the results of the one foot clearance performed along Summerall Gate Road and the Flying J, the Clearance to Depth performed in the M2 Parcel, and the probable depths of penetration of the practice items that could be found. Four items were found below the one foot depth. Two of these items, the rifle grenade and the M7 practice 2.36" rocket are direct fire weapons and the possibility of these penetrating below one foot is very minute. While the 60 mm training mortars are indirect fire weapons, the propellant charges used for training typically are not of sufficient quantity to allow for deep penetration. The purpose of these training mortars is to allow those firing them to see where they land. While a limited number of the training mortars may have penetrated below one foot, it is more likely that any of these items found below one foot are there as a result of soil movement or the accumulation of leaf detritus over the 50 or more years since their firing.

Based on the discussion above, the Army believes that the one foot clearance previously performed on the M1.01 Parcel and the M3 Property was an appropriate response action and the original conceptual site model is valid. No further action is recommended. The property is still considered safe and may be used for any purpose for which the land is suited.

All attachments and both the raw and processed QC data are provided on the CD that accompanies this letter.

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

Sincerely,



Arthur B. Holcomb, P.E.  
Project Manager

Enclosures:

Figure 1 – M1.01 Parcel and M3 Miscellaneous Properties

Attachment A – Statement of Work

Attachment B – B1 – Intrusive Results

B2 – QC Intrusive Results

Attachment C – C1 – Geophysical Dig Sheets

C2 – Geophysical Maps

C3 – Geophysical QC Dig Sheets

C4 – Geophysical QC Maps

Attachment D – D1 – Daily SUXOS Report

D2 – Daily QC Reports

D3 – DA Form 948s

D4 – Intrusive Team Field Logs

Attachment E – Photographs

Attachment F – Government QA Report

CF: Mr. Dan Copeland, US Army Engineering & Support Center, Huntsville  
Dr. John Potter, US Army Engineering & Support Center, Huntsville  
Ms. Suzanne Murdock, US Army Engineering & Support Center, Huntsville  
Mr. Ron Levy, US Army Garrison, Fort McClellan Transition Force  
Ms. Lisa Holstein, US Army Garrison, Fort McClellan Transition Force



TETRA TECH FW, INC.

May 24, 2005  
**FWHN-FTMC-05-0029**

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

Subject: Draft Site Specific Final Report FWS Land Transfer Area, Fort McClellan, Alabama,  
Task Order 0020, Contract Number DACA87-99-D-0010

Dear Ms. Hampton:

Please find attached the Draft Site Specific Final Report FWS Land Transfer Area Fort McClellan, Alabama, TO 0020, Contract Number DACA97-99-D-0010.

This Final Report was prepared and distributed in accordance with the requirements contained in the current Statement of Work (SOW). Please provide comments no later than June 24, 2005

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

Sincerely,

Todd Biggs *for*  
Arthur B. Holcomb, P.E.  
Project Manager

Enclosures, as stated

CF: Mr. Dan Copeland, US Army Engineering & Support Center, Huntsville (7 copies)  
Ms. Lisa Holstein, US Army Garrison, Fort McClellan, AL (3 copies)





TETRA TECH FW, INC.

17 October 2005  
**FWHN-FTMS-05-0053**

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

Subject: Draft Site Specific Final Report FWS Land Transfer Area (Roads, Firebreaks, and High Use Areas), Fort McClellan, Alabama; Contract DACA87-99-D-0010, Task Order 0020.

Dear Ms. Hampton:

The Draft Site Specific Final Report, FWS Land Transfer Area (Roads, Firebreaks, and High Use Areas), Fort McClellan, Alabama of the subject contract is submitted.

Please feel free to contact me at (256) 430-3701 or (770) 331-4195 with any questions. I can also be reached by e-mail at [Art.Holcomb@ttech.com](mailto:Art.Holcomb@ttech.com).

Sincerely,

Arthur B. Holcomb, P.E., CIH  
Project Manager





TETRA TECH EC, INC.

28 March 2007  
**FWHN-FTMC-07-001**

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

Subject: Letter Report TO20 Phase 1, Fort McClellan, Alabama, Contract DACA87-99-D-0010, Task Order 0020.

Dear Ms. Hampton:

The TO20 Phase 1 Letter Report for Fort McClellan, Alabama of the subject contract is submitted in accordance with the Performance Statement of Work.

Please feel free to contact me at (256) 430-3701 or (770) 331-4195 with any questions. I can also be reached by e-mail at [Art.Holcomb@tteci.com](mailto:Art.Holcomb@tteci.com).

Sincerely,

Arthur B. Holcomb, P.E.  
Vice President

Enclosures, as stated

CF: Mr. Roland Belew, US Army Engineering & Support Center, Huntsville  
Ms. Lisa Holstein, Alabama Department of Environmental Management





TETRA TECH EC, INC.

### Distribution

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