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August 23, 2006

SHAW-MC-CK10-1031  
Project No. 796887

Mr. Lee Coker  
U.S. Army Corps of Engineers, Mobile District  
Attn: EN-GE/Lee Coker  
109 St. Joseph Street  
Mobile, Alabama 36602

**Contract: Contract No. DACA21-96-D-0018/CK10  
Fort McClellan, Alabama**

**Subject: Final Site Investigation Report and Decision Document for Range 31:  
Weapons Demonstration Range, Parcel 89Q-X, and Former Defendum Field  
Firing Range No. 2, Parcel 215Q**

Dear Mr. Coker:

Enclosed are replacement pages comprising the final site investigation report for the subject site. The Alabama Department of Environmental Management (ADEM) and the U.S. Fish and Wildlife Service (USFWS) concurred with the conclusions and recommendations of the draft-final SI report as documented in the attached letters. The Army's response to EPA comments on the draft-final report is also attached. Please update your file copy of the SI report with the enclosed materials and remove the existing draft disclaimer page. Also enclosed is the final decision document for this site. PDF versions of both documents are provided on compact disc.

At your request, copies of this submittal have been provided according to the distribution list below. If you have questions, or need further information, please contact me at (865) 694-7361.

Sincerely,

Stephen G. Moran, P.G.  
Project Manager

Attachments

Distribution: Lisa Holstein, U.S. Army TF (7 copies; 2 CDs)  
Brandi Little, ADEM (2 copies; 1 CD)  
Doyle Brittain, EPA (1 copy; 1 CD)  
Miki Schneider, JPA (1 copy)  
Michelle Beekman, MES (1 copy)  
Bill Garland, USFWS (1 copy)  
Peter Tuttle, USFWS (2 copies)  
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# ADEM

## ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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ONIS "TREY" GLENN, III, P.E.

DIRECTOR

May 26, 2006

BOB RILEY

GOVERNOR

Ms. Lisa Holstein  
U. S. Army Transition Force  
P. O. Box 5022  
Fort McClellan, Alabama 36205

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**RE: ADEM Review Concurrence: Draft Final Site Investigation Report Range 31: Weapons Demonstration Range, Parcel 89Q-X and Former Defendum Field Firing Range No. 2, Parcel 215Q dated August 2004**  
Fort McClellan, Calhoun County, Alabama  
Facility I.D. AL4 210 020 562

Dear Ms. Holstein:

The Alabama Department of Environmental Management (ADEM or the Department) has reviewed Fort McClellan's Draft Final Site Investigation Report Range 31: Weapons Demonstration Range, Parcel 89Q-X and Former Defendum Field Firing Range No. 2, Parcel 215Q.

The total area of investigation occupies 322 acres in the north-central region of Fort McClellan. The eastern portion, which occupies approximately 192 acres, will be transferred to the U.S. Fish and Wildlife Service (USFWS) and the western portion, which occupies the remaining 130 acres of the parcel, will be transferred to the Anniston-Calhoun County Fort McClellan Development Joint Powers Authority (JPA). An approximate three acre portion of the parcel located in the far western end of the area of investigation has been identified as the future site for an Anniston Water Works and Sewer Board water tank. It is documented that this particular site was used as a firepower demonstration range. The Army performed the Site Investigation to determine if chemical constituents exist at levels that would adversely affect human health or the environment.

During the Site Investigation, 42 surface soil samples, 42 subsurface soil samples, five depositional soil samples, and four groundwater samples were collected and analyzed. Fort McClellan also installed five permanent groundwater monitoring wells, HR-89Q-MW01, HR-89Q-MW02, HR-89Q-MW03, HR-89Q-MW04, HR-89Q-MW05. One of the wells, HR-89Q-MW01, did not produce water.

Please note that ADEM still has concerns with the 2003 Draft Site Investigation for Range 31. First, the limited amount of samples collected from a restricted area does not fully characterize the contamination at this parcel. Second, there was no evidence of groundwater contamination, potentially as the result of dilution due to monitoring wells with 10- to 20- feet of screen and 5- to 10- feet of filter being installed at this site. However, due to the likelihood of groundwater contamination being minimal based on the information known about this parcel, the department will not ask that any additional sampling be conducted at this time. Lastly, based on figures provided in the document, it appears that the range fans of Parcel 89Q-X and 215Q extend well beyond the boundaries of this investigation. Please note that the tactics and methodology used for

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Ms. Holstein  
May 26, 2006  
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this site investigation will not be appropriate for any future investigations at Fort McClellan and will not be approved in future work plans based on the concerns noted above.

The Army recommends unrestricted land use for the eastern portion of the parcel that is being transferred to USFWS and for the far western portion that is the projected site for an AWWSB municipal water tank. ADEM concurs with the Army's recommendation of No Further Action and unrestricted land reuse with regard to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) – related hazardous substances (HTRW) for the USFWS portion of the property and for the AWWSB tank site at the Weapons Demonstration Range, Parcel 89Q-X and Former Defendum Field Firing Range No. 2, Parcel 215Q.

However, in the JPA portion of the area, bullet fragments are present on the ground and copper and lead have contaminated the soil. These metals are constituents of small-arms ammunition. The levels of copper and lead present in the soil pose a potential threat to ecological receptors but not to human health. ADEM concurs with the Army's recommendation of disposition of the property in accordance with the requirements of the Environmental Services Cooperative Agreement No. DASW01-03-2-0001 between the Army and JPA, and in accordance with Cleanup Agreement No. AL4 210 020 562 between ADEM and JPA. Any further requirements for investigation and/or remediation in this area will be addressed pursuant to the ADEM /JPA Memorandum of Agreement (MOA).

Please note that UXO matters remain unresolved in these areas (USFWS, AWWSB tank site, and JPA portions) and will be addressed during ADEM's review of the related work plans and reports for these areas.

If you have any questions or concerns regarding this matter please contact Ms. Kaneshia Townsend at (334) 394-4356 or via e-mail at [ktownsend@adem.state.al.us](mailto:ktownsend@adem.state.al.us).

Sincerely,



Stephen A. Cobb, Chief  
Governmental Hazardous Waste Branch  
Land Division

SAC/TPS/KLT/mal

Cc: Ms. Miki Schneider/JPA  
Mr. Lee Coker/USACE  
Ms. Tracy P. Strickland/ADEM  
Ms. Brandi Little/ADEM  
Mr. Frederick L. Rudolph/ADEM  
Mr. Doyle Brittain/EPA Region 4  
Mr. Steve Miller/USFWS  
Mr. Pete Tuttle/USFWS



## United States Department of the Interior

### FISH AND WILDLIFE SERVICE

1208-B Main Street  
Daphne, Alabama 36526

IN REPLY REFER TO:

2006-EC-0026

File No.: EC23.6.5

Ms. Lisa Holstein  
U.S. Army Transition Force, Fort McClellan  
P.O. Box 5022  
Anniston, AL 36205-5000

Dear Ms. Holstein,

We appreciate the opportunity to review the Site Investigation Report, Range 31: Weapons Demonstration Range, Parcel 89Q-X, and Former Defendum Firing Range No. 2, Parcel 215Q, Fort McClellan, Calhoun County, Alabama (Site Investigation Report). The 322-acre area considered during the investigation includes portions of at least three former military firing ranges. A variety of munitions, including small arms, explosive ordnance, incendiary devices, and rockets, were used at the site. The site currently contains a variety of debris, including abandoned target vehicles, drums, metal scrap, and construction debris. We provided comments to you in a letter dated February 10, 2004.

We concur with the findings of the report. Please contact Peter Tuttle or me at (251) 441-5181 should you have questions regarding this matter.

Sincerely,

Elaine Snyder-Conn  
Assistant Field Supervisor

cc:

Doyle Brittain, U.S. Environmental Protection Agency, Region IV, Atlanta, GA  
Phillip Stroud, Alabama Department of Environmental Management, Montgomery, AL  
Stephen Miller, Refuge Manager, Mt. Longleaf NWR, Anniston, AL  
Bill Starkel, Regional EC Coordinator, U.S. Fish and Wildlife Service, Atlanta, GA

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**Response to Environmental Protection Agency Comments on the  
Draft-Final Site Investigation Report  
Range 31: Weapons Demonstration Range, Parcel 89Q-X and  
Former Defendum Field Firing Range No. 2, Parcel 215Q  
Fort McClellan, Calhoun County, Alabama**

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*Comments from Doyle T. Brittain, EPA Remedial Project Manager, dated October 1, 2004.*

***General Comments***

**The Environmental Protection Agency (EPA) has reviewed the subject document. All but three comments made by EPA on the previous draft have been adequately addressed. Specifically:**

**1) EPA does not agree with the way that the Army handled EPA Specific Comments 3 and 4. The issue here is not what the Army or anyone else did or did not do. The issue is one of compliance with the requirements of CERCLA and protection of human health and the environment. Pending adequately addressing EPA's concerns here, EPA does not approve the subject document.**

**2) EPA disagrees with the way the Army addressed EPA Specific Comment 5 but will not make an issue on this point.**

**EPA requests that the document be revised adequately addressing EPA Specific Comments 3 and 4.**

**Response:** The Army appreciates EPA's input on the subject document. However, in light of ADEM and USFWS concurrence with the conclusions and recommendations of the draft-final report (see attached letters), the Army considers all outstanding issues resolved at this site.