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February 19, 2003

IT-MC-CK10-0290
Project No. 796887

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

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

Subject: **Response to Alabama Department of Environmental Management (ADEM) Review Comments (received December 17, 2002) and U.S. Environmental Protection Agency (EPA) Region 4 Comments (October 11, 2002): *Draft Site-Specific Field Sampling Plan, Addendum II for the Remedial Investigation (Source Area) at Ranges Near training Area T-24A, Parcels 187(7), 112Q, 113Q-X, 213Q, and 214Q, Fort McClellan, Calhoun County, Alabama, August 23, 2002***

Dear Mr. Coker:

This letter serves to respond to comments received from ADEM and EPA for the *Draft Site-Specific Field Sampling Plan, Addendum II for the Remedial Investigation (Source Area) at Ranges Near training Area T-24A, Parcels 187(7), 112Q, 113Q-X, 213Q, and 214Q, Fort McClellan, Calhoun County, Alabama, August 23, 2002.*

Instead of issuing another iteration of a work plan for which work has already been initiated, Shaw will address ADEM comments by providing text within the variance section of the upcoming Draft Remedial Investigation Report describing the following:

- Compliance with observing the temporary land use controls outlined in the *Draft Interim Land Use Control Implementation Plan for U.S. Fish and Wildlife Service Mountain Longleaf National Wildlife Refuge, Enclosure 2*, (U.S. Army Fort McClellan Environmental Office), January 2003, during field investigation efforts,
- The northwesterly groundwater flow direction in the vicinity of the fenced area, and reference to a figure showing the groundwater flow directions,
- Inclusion of dioxin analysis for select surface soil and subsurface soil samples collected at the suspected burn pits,
- Reference to the results of the Chemical Warfare Material Engineering Evaluation/Cost Analysis,
- Reference to the legend of site –specific figures indicating that the 5-lobed outline within the fenced area refers to the location of a tree,

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- Confirmation that sample locations FTA-108-T24A-G02 and FTA-108-T24A-G03 are referenced to adjacent Parcel 108(7) and correctly identified on all figures,
- Reference to a groundwater flow direction map for both residuum and bedrock depicting groundwater flow direction to the northwest,
- Reference to recording blow counts during split-spoon sampling, and
- Clarification of using 6.5 to 7.0 gallons of water and 5 pounds of bentonite per 94-pound bag of Type I or Type II Portland cement.

Furthermore, based on EPA's comments, Shaw will provide text within the variance section of the upcoming Draft Remedial Investigation Report describing the following:

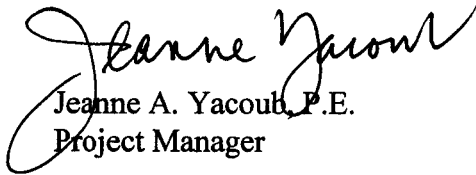
- Clarification that based on the results of the CWM EE/CA, there are no suspected CWM hazards at parcel 186(6),
- Inclusion of attempting borehole geophysics (acoustic televiewer, caliper, temperature, resistivity, and natural gamma at four deep well locations associated with the concurrent *Remedial Investigation (Horizontal Extent-Surface Soil and Groundwater) at Ranges Near training Area T-24A, Parcels 187(7), 112Q, 113Q-X, 213Q, and 214Q,*
- Reference to the site location map showing the location of Training Area T-24A in the southeast portion of the Main Post,
- The focus of investigation is at the suspected source area of benzene and carbon tetrachloride observed in groundwater samples,
- Reference to figures showing the location of monitoring wells outside the fenced area where benzene and carbon tetrachloride were observed,
- Clarification that if DNAPL was encountered, the boring will be advanced to determining the extent of DNAPL,
- Clarification that double cased wells will be installed a minimum of 5-feet into competent bedrock,
- Reference to transmitting the discrete groundwater sampling results to EPA,
- Rationale for using a uniform screen slot size and sand pack grain size, and
- Clarification of the location of the suspected burn pits within the suspected source area at training Area T-24A.

This documentation will cost-effectively demonstrate compliance with BCT requirements and will save the Army and regulators from receiving and reviewing an additional unnecessary work plan.

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If you have questions, or need further information, please contact me at (770) 663-1429 or Josh Jenkins at (770) 667-7795.

Sincerely,



Jeanne A. Yacoub, P.E.
Project Manager

Attachments

cc: **Lisa Holstein, FTMC (7 copies)**
Doyle Brittain, EPA, Region 4 (1 copy)
Philip Stroud, ADEM (2 copies)
Hugh Vick, Gannett Fleming (2 copies)
Miki Schneider, JPA (1 copy)