

ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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DIRECTOR

BOB RILEY

GOVERNOR

September 13, 2005

Mr. Ronald M. Levy
BRAC Environmental Coordinator
U. S. Army Transition
P. O. Box 5022
Fort McClellan, Alabama 36205

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RE: ADEM Review and Notice of Concurrence: *Sample Results for Former AST at Range 13, Parcel 176 (7)* dated August 16, 2005
Fort McClellan, Calhoun County, Alabama
Facility ID No. AL4 210 020 562
DSMOA Fund Code: 2535-223-0445

Dear Mr. Levy:

The Alabama Department of Environmental Management (ADEM or the Department) has reviewed Fort McClellan's submittal of the *Sample Results for Former AST at Range 13, Parcel 176(7)*.

Parcel 176(7) occupies 40 square feet west of Lucerne Drive within the southern portion of the Eastern Bypass Corridor boundary. ADEM understands that Parcel 176(7) was the former location of a 500-gallon heating oil Aboveground Storage Tank (AST) that was used to supply No. 2 fuel oil for heating the Range 13 office. Fort McClellan performed sampling to determine if chemical constituents exist at levels that would adversely affect human health or the environment.

During the sampling phase, four surface soil samples were collected from the area formerly occupied by the AST. These samples were analyzed for target analyte list (TAL) metals, volatile organic compounds (VOCs), and semivolatile organic compounds (SVOCs).

Seven metals (aluminum, antimony, arsenic, chromium, iron, manganese, and vanadium) were detected in the surface soil and exceeded their corresponding site-specific screening levels (SSSLs) and/or ecological screening values (ESVs) but were below their respective background levels, except for the concentration of lead in one sample. The concentration of lead in the soil sample was 123 mg/kg, which is higher than its ESV and background value but below its residential SSSL of 400 mg/kg and its industrial SSSL of 880 mg/kg. There was also a "B" flagged concentration value for antimony that exceeded its SSSL and background value. The concentration levels as well as the SSSLs, ESVs, and background can be found in the following table:



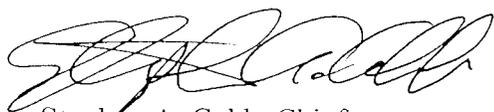
Surface Soil Concentrations				
Metal	Concentration Range (mg/kg)	SSSL (mg/kg)	Background (mg/kg)	ESV (mg/kg)
Aluminum	5690-7320	780	16300	50
Antimony	2.33-3.37	3.11	1.99	3.5
Arsenic	2.45-3.86	0.0426	13.7	10.0
Chromium	6.13-9.07	23.2	37.0	0.04
Iron	6010-8560	2340	34200	200
Lead	14.0-123	400	40.1	50.0
Manganese	196-289	363	100	1580
Vanadium	7.92-11.0	53.10	58.8	2.00

SVOCs were not detected in any of the surface soil samples. VOCs were detected below their respective SSSLs and ESVs.

ADEM understands that the Former AST at Range 13, Parcel 176(7) is projected for industrial reuse. Parcel 176(7) is within the Right of Way (ROW) of the Anniston Eastern Bypass and is expected to be used exclusively for industrial purposes. ADEM concurs with Fort McClellan's recommendation of No Further Action and unrestricted industrial reuse with regard to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) related hazardous substances at the Former AST, Parcel 176(7).

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.

Sincerely,



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

SAC/TLP/SMD/KLT/mal

cc: Ms. Miki Scheider/JPA

Mr. Ron Levy/Army

Ms. Tracy L. Peace/ADEM

Ms. Shana Decker/ADEM

Ms. Brandi Little/ADEM

Mr. Fredrick Rudolph/ADEM

Mr. Buddy Cox/ALDOT

Mr. Steven Moran/Shaw

File: Land Division/Hazardous Waste/Fort McClellan/AL4210020562/Correspondence/2005