



ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

POST OFFICE BOX 301463 36130-1463 ♦ 1400 COLISEUM BLVD. 36110-2059

MONTGOMERY, ALABAMA

WWW.ADEM.STATE.AL.US

(334) 271-7700

JAMES W. WARR
DIRECTOR

DON SIEGELMAN
GOVERNOR

November 13, 2001

Ronald M. Levy
BRAC Environmental Coordinator
Environmental Office, 291 Jimmy Parks Blvd.
US Army Garrison
Fort McClellan, Alabama 36205

Facsimiles: (334)

Administration: 271-7950
General Counsel: 394-4332
Air: 279-3044
Land: 279-3050
Water: 279-3051
Groundwater: 270-5631
Field Operations: 272-8131
Laboratory: 277-6718
Mining: 394-4326
Education/Outreach: 394-4383

RE: ADEM Review and Concurrence: *Final Site Investigation Report and Decision Document for the Trenches West of Iron Mountain Road, Parcel 500(7)*, dated September 2001, Fort McClellan, Calhoun County, Alabama

Dear Mr. Levy:

The Alabama Department of Environmental Management (ADEM or the Department) has reviewed the *Final Site Investigation Report and Decision Document for the Trenches West of Iron Mountain Road, Parcel 500(7)*, both dated September 2001 for Fort McClellan.

The subject documents were discussed during the Base Realignment and Closure Team (BCT) on-board review meeting on May 10, 2001. During the BCT on-board review meeting, the Department provided its comments on both documents in an interactive manner such that the Army and BCT stakeholders could jointly resolve the Department's comments. The Department's comments are noted in the documented minutes of this meeting.

An overview of the discussion that took place during the May on-board-review meeting is presented below. The following is a paraphrased narrative of the meeting minutes issued by IT Corporation on May 10, 2001:

Trenches West of Iron Mountain Road: Parcel 500(7)- The potential threat to human receptors is expected to be low. Although the site is projected to be incorporated into the Eastern Bypass, the analytical data were screened against residential human health site-specific screening levels (SSSLs) to evaluate the site for possible unrestricted land reuse. In soils, with the exception of iron in one surface soil sample, the metals that exceeded SSSLs were below their respective background concentrations or within the range of background values and thus do not pose an unacceptable risk to future human receptors. Volatile organic compound (VOC) and semivolatile organic compound (SVOC) concentrations in soils were below SSSLs. Explosives were not detected in soils or groundwater.

In groundwater, thallium (0.0054 milligrams per liter [mg/L]) was detected in one sample (FTA-500-MW01) at a concentration exceeding both the SSSL (0.000102 mg/L) and the range of



RCUD NOV26'01 AM 9:11

background values (0.0053 mg/L). Thallium in sample FTA-500-MW01, however, slightly exceeded the range of background and is within the same order of magnitude. VOC concentrations in groundwater were below SSSLs. SVOCs and explosives were not detected in groundwater. Consequently, the overall impact to groundwater at the site is negligible and the potential threat to human health is expected to be insignificant.

Three metals (beryllium (three samples: 1.4 milligrams per kilogram (mg/kg) (FTA-500-GP03), 1.5 mg/kg (FTA-500-GP04), and 1.2 mg/kg [FTA-500-MW02]); iron 70,300 mg/kg (FTA-500-MW02); and nickel 31.8 mg/kg [FTA-500-MW02]) were detected in a limited number of surface soil samples at concentrations exceeding ecological screening values (ESVs) and slightly exceeding the range of background values (0.87 mg/kg, 35,300 mg/kg, and 22 mg/kg, respectively). VOC and SVOC concentrations in site media were below ESVs. Based on the low levels of metals, VOCs, and SVOCs detected, the potential threat to ecological receptors is expected to be very low.

As discussed in the meeting and as presented in the Final Site Investigation Report and accompanying Decision Document, it appears that this parcel does not pose a substantial risk to potential human and ecological receptors. The Department understands that this Decision Document is an Army-lead document under the signatory approval of the Army. However, the Department concurs with the BCT's recommendation that this site warrants no further action and an unrestricted use designation.

For any questions or concerns regarding this matter please contact Mr. Philip Stroud at 334-270-5646 or via email at pns@adem.state.al.us.

Sincerely,



Stephen A. Cobb, Chief
Hazardous Waste Branch
Land Division

SAC/ps

cc: Mr. Doyle Brittain/EPA Region 4
Mr. Ellis Pope/USA COE, Mobile District
Mr. Jim Grassiano/ADEM
Mr. Mark Harrison/ADEM

File: ADEM Land Division/Hazardous Waste Branch/Fort McClellan, Correspondence, 2001



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 4
ATLANTA FEDERAL CENTER
61 FORSYTH STREET
ATLANTA, GEORGIA 30303-8960

October 16, 2001

EMAIL & US MAIL

4WD-FFB

Mr. Ron Levy
BRAC Environmental Coordinator
U.S. Army Garrison
Environmental Office
Building 215, 15th Street
Fort McClellan, AL 36205-5000

SUBJ: 1) Final SI Report for the Trenches West of Iron Mountain Road, Parcel 500(7), &
2) Final DD for the Trenches West of Iron Mountain Road, Parcel 500(7)
Fort McClellan

Dear Mr. Levy:

The Environmental Protection Agency (EPA) has reviewed the subject document. As agreed upon in the May 23-24, 2001, On Board Review, EPA approves the subject document. If you have any questions, please call me at (404) 562-8549.

Sincerely,

A handwritten signature in black ink, reading "Doyle T. Brittain". The signature is fluid and cursive, with a large initial "D" and a long, sweeping underline.

Doyle T. Brittain
Senior Remedial Project Manager

cc: Lisa Kingsbury, Ft. McClellan
Ellis Pope, USA/COE
Phil Stroud, ADEM
Jeanne Yacoub, IT
Daniel Copeland, CEHNC-OE-DC
Maj. Wayne Sartwell, ALANG
Maj. Bernie Case, ALANG