



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

February 4, 2002

DON SIEGELMAN

GOVERNOR

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 Ground Scar with Trenches at Littlebrant Drive, Parcel 154(7) dated June 2001, Fort McClellan, Calhoun County, Alabama**

Dear Mr. Levy:

The Alabama Department of Environmental Management (ADEM or the Department) has reviewed the subject documents entitled *Final Site Investigation Report and Decision Document for the Ground Scar with Trenches at Littlebrant Drive, Parcel 154(7) dated June 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:

Ground Scar with Trenches at Littlebrant Drive: Parcel 154(7)- QST Incorporated (QST) data for this site indicated low levels of pesticides, volatile organic compounds (VOCs), and nitro-aromatics. The concentrations of five pesticides (aldrin, dieldrin, endrin aldehyde, heptachlor, and alpha-BHC) in groundwater exceeded their site-specific screening levels (SSSLs). The concentration of heptachlor did not exceed its drinking water standard maximum contaminant level (MCL) established by EPA (EPA, 2000). MCLs and lifetime health advisories have not been established by EPA for aldrin, dieldrin, endrin aldehyde, or alpha-BHC. The hazard index estimated from the SSSL, however is less than the threshold limit of "1" for aldrin, endrin aldehyde, and alpha-BHC, suggesting that adverse health effects are unlikely. Dieldrin at a concentration of 0.00006 milligrams per liter (mg/L) exceeded the threshold limit of "1" in one sample. Because of the low concentration of dieldrin and its limited spatial distribution in groundwater at the site, it was concluded that exposure does not represent an unacceptable human health risk. The nitroexplosive compound (2-amino-4,6-dinitrotoluene) was detected in groundwater from one well at a concentration of 0.00028 mg/L and exceeded its SSSL of 0.0000936 mg/L. Although there is no EPA-established MCL or health advisory value for this compound, the hazard index estimated from the SSSL is less than the threshold limit of "1."

RCVD FEB20'02 AM11:14

Birmingham Branch
110 Vulcan Road
Birmingham, Alabama 35209-4702
(205) 942-6168
(205) 941-1603 [Fax]

Decatur Branch
2715 Sandlin Road, S.W.
Decatur, Alabama 35603-1333
(256) 353-1713
(256) 340-9359 [Fax]

Mobile Branch
2204 Perimeter Road
Mobile, Alabama 36615-1131
(251) 450-3400
(251) 479-2593 [Fax]

Mobile - Coastal
4171 Commanders Drive
Mobile, Alabama 36615-1421
(251) 432-6533
(251) 432-6598 [Fax]



Printed on Recycled Paper

Mr. Ronald M. Levy

February 4, 2002

Page 2

Metals detected in surface soils exceeded ecological screening values (ESVs) (with the exception of iron, lead, mercury, and selenium) in a limited number of samples, but the metals were below their respective background concentrations or within the range of background values. The VOCs 1,1,1-trichloroethane, tetrachloroethene, and trichloroethene, and pesticides (4,4'-DDE and 4,4'-DDT) exceeded ESVs in surface soils. However, the levels of these chemicals were low (less than 0.2 mg/L) and are not expected to pose a significant threat to ecological receptors. The BCT recommended that "No Further Action (NFA) with Unrestricted Use" is appropriate for this site.

Additionally, this site was discussed during the December 2001 BCT meeting. During that meeting, the BCT agreed that IT Corporation would revise the Site Investigation Report to include additional language to support risk management decisions, as requested by ADEM. In addition, the Decision Document for Parcel 154(7) was revised. As discussed in the meetings 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. Thus, 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

File: ADEM Land Division/Hazardous Waste Branch/Fort McClellan, Correspondence, 2002



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

May 14, 2001

EMAIL & HAND DELIVERY

4WD-FFB

Mr. Ron Levy
BRAC Environmental Coordinator
U.S. Army Garrison/Transition Force
Environmental Office
291 Jimmy Parks Boulevard
Fort McClellan, AL 36205-5000

SUBJ: Ground Scar / Trenches at Littlebrant Drive, Parcel 154(7)
Fort McClellan

Dear Mr. Levy:

The Environmental Protection Agency (EPA) has reviewed the subject document. Based upon the information provided to EPA and as agreed upon in the May 10, 2001, On Board Review, EPA agrees with and approves the subject document. Thank you for your cooperation. If you have any questions, please call me at (404) 562-8549.

Sincerely,

A handwritten signature in cursive script, reading "Doyle T. Brittain", is positioned above the printed name.

Doyle T. Brittain
Senior Remedial Project Manager

cc: Lisa Kingsbury, Ft. McClellan
Jeanne A. Yacoub, IT
Ellis Pope, USA/COE
Phil Stroud, ADEM



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 4
ATLANTA FEDERAL CENTER
61 FORSYTH STREET
ATLANTA, GEORGIA 30303-8960

July 20, 2001

EMAIL & HAND DELIVERY

4WD-FFB

Mr. Ron Levy
BRAC Environmental Coordinator
U.S. Army Garrison/Transition Force
Environmental Office
291 Jimmy Parks Boulevard
Fort McClellan, AL 36205-5000

SUBJ: Final Site Investigation Report for the Ground Scar with Trenches at Littlebrant Drive,
Parcel 154(7)
Final Decision Document for the Ground Scar with Trenches at Littlebrant Drive, Parcel
154(7)
Fort McClellan

Dear Mr. Levy:

The Environmental Protection Agency (EPA) has reviewed the subject documents. Based upon the information provided to EPA and as agreed upon in the May 24-25, 2001, On Board Review Project Team Meeting, EPA agrees with and approves the subject documents. Thank you for your cooperation. If you have any questions, please call me at (404) 562-8549.

Sincerely,

A handwritten signature in cursive script, reading "Doyle T. Brittain", is positioned above the printed name.

Doyle T. Brittain
Senior Remedial Project Manager

cc: Lisa Kingsbury, Ft. McClellan
Ellis Pope, USA, COE
Phil Stroud, ADEM
Jeanne Yacoub, IT
Dan Copeland, USACE
Maj. Bernie Case, ALANG
Maj. Wayne Sartwell, ALANG