

ADEM

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

February 14, 2002

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: 270-5633
Field Operations: 272-8131
Laboratory: 277-6718
Mining: 394-4326
Education/Outreach: 394-4383

RE: ADEM Review and Comments: Final Site Investigation Report and Decision Document for Ground Scar with Small Pit North of Landfill No. 3, Parcel 155(7), dated November 2001, Fort McClellan, Calhoun County, Alabama
Facility ID No. AL4 210 020 562

Dear Mr. Levy:

The Alabama Department of Environmental Management (ADEM or the Department) has reviewed both the *Final Site Investigation Report and Decision Document for the Ground Scar with Small Pit North of Landfill No. 3, Parcel 155(7)*, both dated November 2001 for Fort McClellan.

The subject Documents were discussed during the Base Realignment and Closure Team (BCT) review meeting on November 14, 2001. During the BCT 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 June BCT meeting is presented below. The following is a paraphrased narrative of the meeting minutes issued by IT Corporation (IT) on November 14, 2001.

Ground Scar with Small Pit North of Landfill No. 3: Parcel 155(7)-The potential impact to human receptors is expected to be minimal. Although the site is projected for active recreational reuse, the analytical data were screened against residential human health SSSLs to evaluate the site for possible unrestricted land reuse. The metals that exceeded SSSLs in site media were below their respective background concentrations and, therefore do not pose an unacceptable risk to future human receptors (Science Applications International Corporation (SAIC), July 1998, *Final Background Metals Survey Report, Ft. McClellan, Alabama*). VOC, SVOC, pesticide and herbicide concentrations in site media were below SSSLs except for one pesticide in one groundwater sample. Neither PCBs nor explosive compounds were detected in any of the samples collected at the site.

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

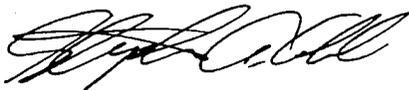
Mr. Ronald M. Levy
February 14, 2002
Page 2

One pesticide (aldrin) was detected in one groundwater sample at an estimated concentration (0.000031 mg/L) exceeding its SSSL (0.0000039 mg/L). The pesticide was not detected in any of the other samples collected at the site. Although an EPA drinking water standard does not exist for aldrin, the estimated pesticide concentration was below established EPA health advisory values (U.S. Environmental Protection Agency, 2000, Drinking Water Standards and Health Advisories, Office of Water, EPA 822-B-00-001, Summer). Although the estimated concentration is low, regular monitoring is needed in order to develop a small group of data on which to base a decision regarding risks to human health and the environment. This will require additional sampling.

The potential threat to ecological receptors is also expected to be low. The metals that exceeded ESVs were below their respective background concentrations or within the range of background values. Two VOCs (tetrachloroethene and trichloroethene) and two herbicides (dichloroprop and 4-chloro-2-methylphenoxyacetic acid [MCPA]) exceeded ESVs in surface soils. The concentrations of trichloroethene and MCPA, however, were estimated at levels close to their respective reporting limits. In addition, the dichloroprop was flagged with a "B" data qualifier indicating that the compound was also detected in a laboratory method blank sample. The concentration of tetrachloroethene (0.013mg/kg) was within the same order of magnitude as its ESV (0.010 mg/kg). Therefore, these compounds are not expected to pose a significant threat to ecological receptors (IT Corporation (IT), 2000b July, Final Human Health and Ecological Screening Values and PAH Background Summary Report, Fort McClellan, Calhoun County, Alabama).

For any questions regarding this matter, please contact Mr. Philip Stroud at 334-270-5646 or via email at [pns @ adem.state.al.us](mailto:pns@adem.state.al.us).

Sincerely,



Stephen A. Cobb, Chief
Hazardous Waste Branch
Land Division

SAC/mdh/sep:L Land Div/Gov Fac Sec/Harrison/Ft. McClellan/SIR Ground Scar

cc: Mr. Doyle Brittain/USEPA 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



DEPARTMENT OF THE ARMY
U.S. ARMY GARRISON
FORT McCLELLAN, ALABAMA 36205-5000

March 3, 2003

REPLY TO
ATTENTION OF

Environmental Office

Mr. Philip Stroud
Alabama Department of Environmental Management
Hazardous Waste Branch, Land Division
1400 Coliseum Boulevard
Montgomery, AL 36110-2059

Dear Mr. Stroud:

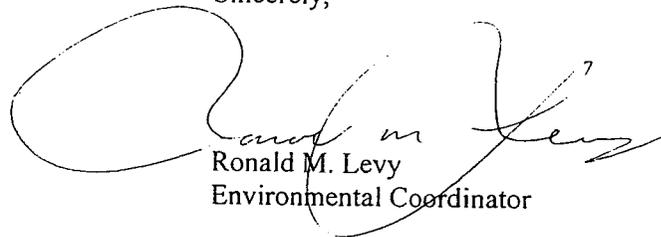
The Ground Scar with Small Pit North of Landfill No. 3, Parcel 155(7) was first discussed during the May 2001 on-board review meeting at Fort McClellan. During that meeting, the BCT agreed to "No Further Action" and unrestricted land reuse at this site. In November 2001, IT issued the Final SI Report and Decision Document. In February 2002, ADEM issued a letter requesting additional groundwater sampling at one monitoring well. The well contained the pesticide aldrin at an estimated concentration exceeding its SSSL. The BCT agreed to additional sampling at the April 2002 meeting. In October 2002 monitoring well GSBP-155-MW02 was resampled for pesticide analysis only.

The results of the additional sampling were presented at the January 2003 BCT meeting. Pesticides were not detected in the well (enclosed is a table showing the results of both groundwater sampling rounds). Request your office review these sampling results and provide concurrence on the Ground Scar with Small Pit North of Landfill No. 3, Parcel 155(7), Final SI Report and Decision Document dated November 2001.

Copies of this memorandum with enclosures have been provided to Mr. Doyle Brittain, Environmental Protection Agency Region 4, Mr. Lee Cocker, Corps of Engineers, Mobile District, and Mr. Steve Moran, Shaw Environmental and Infrastructure.

If further information is required or you have questions regarding this submittal, please contact Mrs. Lisa Holstein at (256) 848-7455.

Sincerely,



Ronald M. Levy
Environmental Coordinator

Enclosure

Groundwater Analytical Results
Ground Scar with Small Pit North of Landfill No. 3, Parcel 155(7)
Fort McClellan, Calhoun County, Alabama

Parameter	Units	Sample Location		SSSL ^c	BKG ^b	UBR ^a	Result	GSBP-155-MW02		GSBP-155-MW02				
		Parcel	Sample Number					Sample Date	Qual	>UBR	>BKG	>SSSL	Result	Qual
PESTICIDES														
4,4'-DDD	mg/L	NA	NA	1.83E-04	NA	NA	2.90E-05 J							
Aldrin	mg/L	NA	NA	3.00E-06	NA	NA	3.10E-05 J			YES				
delta-BHC	mg/L	NA	NA	4.49E-04	NA	NA	2.10E-05 J							
gamma-BHC (Lindane)	mg/L	NA	NA	5.00E-05	NA	NA	3.00E-05 J							

Analyses performed using U.S. Environmental Protection Agency (EPA) SW-846 analytical methods.

^a UBR - Upper background range as given in Science Applications International Corporation (SAIC), 1998, *Final Background Metals Survey Report, Fort McClellan, Alabama*, July.

^b BKG - Background. Concentration listed is two times (2x) the arithmetic mean of background metals concentration given in SAIC, 1998. *Residential human health site-specific screening level (SSSL) as given in IT Corporation (2000), Final Human Health and Ecological Screening Values and PAH Background Summary Report, Fort McClellan, Calhoun County, Alabama*, July.

^c J - Compound was positively identified; reported value is an estimated concentration.
 mg/L - Milligrams per liter.
 NA - Not available.
 ND - Not detected.
 Qual - Data validation qualifier.



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

July 16, 2004

BOB RILEY

GOVERNOR

Mr. 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 Concurrence

Results of additional sampling for the Ground Scar with Small Pit North of Landfill No. 3, Parcel 155(7), dated March 3, 2003
Fort McClellan, Calhoun County, Alabama
Facility I.D. No. AL4 210 020 562
DSMOA Fund Code 535-232-0445

Dear Mr. Levy:

The Alabama Department of Environmental Management (ADEM or the Department) has reviewed the results of additional sampling at the *Ground Scar with Small Pit North of Landfill No. 3, Parcel 155(7)*.

The December 10, 1999 groundwater analysis showed that well GSBP-155-MW02 contained the pesticide aldrin (3.10×10^{-5} mg/L, "J" flagged), which was shown to be above the site specific screening level (3.00×10^{-6} mg/L). Pesticides were not detected in subsequent sampling performed October 2, 2002. Based on the October 2, 2002 sampling results, it does not appear that further testing at Parcel 155(7) is warranted.

The Department concurs with the Army's recommendation that "No Further Action" with unrestricted land use is appropriate for the Ground Scar with Small Pit North of Landfill No. 3.

For any questions or concerns regarding this matter, please contact Ms. Shana Decker via email at sdecker@adem.state.al.us or at (334) 270-5684.

Sincerely,

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

SAC/CHC/SD/mal

cc: Mr. Doyle Brittain/EPA Region 4
Mr. David Bush/ADEM
Mr. Bernie Case/NGB
Mr. Lee Coker/USA COE, Mobile District

Mr. Jim Grassiano/ADEM
Maj. Kim O'Keefe/NGB
Mr. Philip Stroud/ADEM
Ms. Miki Schneider/JPA

File: Land Div/Hazardous Waste/Fort McClellan/AL4210020562/Correspondence/2004



RCVD JUL 21 04 PM 1:28



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

July 16, 2004

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

Dan W. Cleckler
Executive Director,
McClellan Joint Powers Authority
P.O. Box 5327
Fort McClellan, Alabama 36205

RE: ADEM Concurrence

Results of additional sampling for the Ground Scar with Small Pit North of Landfill No. 3, Parcel 155(7), dated March 3, 2003
Fort McClellan, Calhoun County, Alabama
Facility I.D. No. AL4 210 020 562
DSMOA Fund Code 535-232-0445

Dear Mr. Levy and Mr. Cleckler:

The Alabama Department of Environmental Management (ADEM or the Department) has reviewed the results of additional sampling at the *Ground Scar with Small Pit North of Landfill No. 3, Parcel 155(7)*.

During the site investigation (SI) activities conducted December 10, 1999, the pesticide aldrin was found in well GSBP-155-MW02 groundwater analysis. The estimated concentration of aldrin (3.10×10^{-5} mg/L, "J" flagged), was above the site specific screening level (3.00×10^{-6} mg/L). In the May 2001 meeting, the BCT agreed on "No Further Action" and unrestricted land use at Parcel 155(7). The *Final SI Report* and *Decision Document* were issued in November 2001. However, in February 2002, the BCT agreed to ADEM's request to resample monitoring well GSBP-155-MW02 for pesticide analysis only. Pesticides were not detected in the October 2, 2002 round of sampling. Based on these results, it does not appear that further groundwater testing at Parcel 155(7) is warranted.

The Department concurs with the Army's recommendation that "No Further Action" with unrestricted land use is appropriate for the Ground Scar with Small Pit North of Landfill No. 3.

The Department understands that this property has now been transferred to the Joint Powers Authority (JPA). Modification of the Cleanup Agreement No. AL4 210 020 562 between the JPA and ADEM is required to complete the final remedy.

BOB RILEY

GOVERNOR

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

POSTED TO PUBLIC



Mr. Ron Levy and Mr. Dan Cleckler
July 16, 2004
Page 2 of 2

For any questions or concerns regarding this matter, please contact Ms. Shana Decker via email at sdecker@adem.state.al.us or at (334) 270-5684.

Sincerely,



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

SAC/CHC/SD/mal

cc: Mr. Doyle Brittain/EPA Region 4
Mr. David Bush/ADEM
Mr. Bernie Case/NGB
Mr. Lee Coker/USA COE, Mobile District
Mr. Jim Grassiano/ADEM
Maj. Kim O'Keefe/NGB
Ms. Miki Schneider/JPA
Mr. Philip Stroud/ADEM

File: Land Div/Hazardous Waste/Fort McClellan/AL4210020562/Correspondence/2004



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: Site Investigation Report for the Ground Scar with Small Pit North of Landfill No. 3,
Parcel 155(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 that reads "Doyle T. Brittain".

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

RCVD NOV27'01 PM 1:52

November 16, 2001

EMAIL & US MAIL

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: 1) Final Site Investigation Report, Ground Scar with Small Pit North of Landfill No. 3, Parcel 155(7)
2) Final Decision Document, Ground Scar with Small Pit North of Landfill No. 3, Parcel 155(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. If you have any questions, please call me at (404) 562-8549.

Sincerely,

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