

ADEM



ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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September 10, 2001

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

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RE: **ADEM Review and Concurrence:** *Final Site Investigation Report and Decision Document for the Boiler Plant No. 4, Building 1876, Parcels 101(7) and 236(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 also the Army's *Decision Document for the Boiler Plant No. 4, Building 1876, Parcels 101(7) and 236(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:

Boiler Plant No.4, Building 1876: Parcels 101(7) and 236(7)- This parcel once contained two-50,000-gallon underground storage tanks (USTs) (No. 4 heating oil, removed in August 2000), the building, and surrounding area. For soils, certain metals concentrations exceeded site-specific screening levels (SSSLs) but were present at levels below their respective background concentrations or at values within the range of background concentrations. Thus, the presence of these metals does not pose an unacceptable risk to human health. The concentration of the polynuclear aromatic hydrocarbon (PAH) compound benzo(a)pyrene exceeded its SSSL on one surface soil sample but was below its PAH background value. Volatile organic compound (VOC) concentrations in soils were below SSSLs.

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Data showed that several metals in groundwater were detected at concentrations exceeding both SSSLs and background concentrations. Such elevated metals levels were believed to be associated with high turbidity. Based on the results of a groundwater resampling effort in July 2000 conducted by IT Corporation (IT) to evaluate the effects of turbidity on the concentrations of metals in groundwater, it was confirmed that high turbidity at the original well location resulted in elevated concentrations of metals. More recently, Evaluation of lower-turbidity groundwater samples indicates that metals have not adversely impacted groundwater at the site. The concentration of chloroform (0.005 milligrams per liter [mg/L]) marginally exceeded its SSSL (0.00115 mg/L) in one groundwater sample. However, the chloroform concentration was below EPA drinking water standard and health advisory value (EPA, 2000) and is not expected to pose a threat to human health. The BCT recommended that "No Further Action (NFA) with Unrestricted Use" is appropriate for this site.

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 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

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July 20, 2001

EMAIL & HAND DELIVERY

4WD-FFB

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

SUBJ: Final Site Investigation Report for the Boiler Plant No. 4, Building 1876, Parcels 101(7) and 236(7)
Final Decision Document for the Boiler Plant No. 4, Building 1876, Parcels 101(7) and 236(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 black ink, reading "Doyle T. Brittain". The signature is fluid and cursive, with the first name "Doyle" being the most prominent.

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