

**FINAL
DECISION DOCUMENT FOR THE
DRMO AREA, PARCEL 85(7)
FORT McCLELLAN, CALHOUN COUNTY, ALABAMA**

ISSUED BY: THE U. S. ARMY

FEBRUARY 2001

**U.S. ARMY ANNOUNCES
DECISION DOCUMENT**

This Decision Document presents the determination that no further investigations or remedial action will be necessary to protect human health and the environment at the Defense Reutilization and Marketing Office (DRMO) Area, Parcel 85(7), at Fort McClellan (FTMC) in Calhoun County, Alabama. The location of the parcel at FTMC is shown in Figure 1. In addition, this Decision Document provides the site background information used as the basis for the no further action decision.

This Decision Document is issued by the U.S. Army Garrison at FTMC with involvement by the Base Realignment and Closure (BRAC) Cleanup Team (BCT). The BCT is comprised of representatives from the U.S. Army, the U.S. Environmental Protection Agency Region IV, and the Alabama Department of Environmental Management. The BCT is responsible for planning and implementing environmental investigations at FTMC.

Based on the results of the site investigation (SI) completed at the

DRMO Area, Parcel 85(7), the U.S. Army will implement no further action at the site. This decision was made by the U.S. Army with concurrence by the BCT.

This Decision Document summarizes site information presented in detail in background documents that are part of the administrative record for the DRMO Area, Parcel 85(7). A list of background documents for Parcel 85(7) is presented on Page 2. A copy of the administrative record for Parcel 85(7) is available at the public repositories listed on Page 3.

**REGULATIONS GOVERNING
SITE**

FTMC is undergoing closure by the BRAC Commission under Public Laws 100-526 and 101-510. The 1990 Base Closure Act, Public Law 101-510, established the process by which U.S. Department of Defense installations would be closed or realigned. The BRAC Environmental Restoration Program requires investigation and cleanup of federal properties prior to transfer to the public domain. In addition, the Community

Environmental Response Facilitation Act (CERFA) (Public Law 102-426) requires federal agencies to identify real property on military installations scheduled for closure that can be transferred to the public for redevelopment or reuse. Consequently, the U.S. Army is conducting environmental studies of the impact of suspected contaminants at parcels at FTMC. The BRAC Environmental Restoration Program at FTMC follows the Comprehensive Environmental Response, Compensation, and Liability Act process.

SITE BACKGROUND

FTMC is located in the foothills of the Appalachian Mountains of northeastern Alabama near the cities of Anniston and Weaver in Calhoun County. FTMC is comprised of two main areas of government-owned properties: the Main Post and Pelham Range. Until May 1998, the FTMC installation also included the Choccolocco Corridor, a 4,488-acre tract of land that was leased from the State of Alabama. The Main Post, which occupies 18,929 acres, is bounded on the east by the Choccolocco Corridor, which previously connected the Main

PRIMARY BACKGROUND DOCUMENTS FOR PARCEL 85(7)

Environmental Science and Engineering, Inc., 1998, *Final Environmental Baseline Survey, Fort McClellan, Alabama*, prepared for U.S. Army Environmental Center, Aberdeen Proving Ground, Maryland, January.

IT Corporation (IT), 2001, *Final Site Investigation Report, DRMO Area, Parcel 85(7), Fort McClellan, Calhoun County, Alabama*, February.

IT Corporation (IT), 2000, *Final Human Health and Ecological Screening Values and PAH Background Summary Report, Fort McClellan, Calhoun County, Alabama*, July.

IT Corporation (IT), 1998, *Final Site-Specific Field Sampling Plan Attachment Site Investigation at the DRMO Area, Parcel 85(7), Fort McClellan, Calhoun County, Alabama*, December.

Science Applications International Corporation, 1998, *Final Background Metals Survey Report, Fort McClellan, Alabama*, July.

Post with the Talladega National Forest. Pelham Range, which occupies 22,245 acres, is located approximately 5 miles due west of the Main Post and adjoins the Anniston Army Depot on the southwest.

The DRMO Area (Parcel 85[7]) is located near the east end of 18th Street on the Main Post of FTMC (Figure 1). The site encompasses approximately 6 acres and contains Buildings 341 through 346 (Building 343 has been removed). The DRMO Area originally had a gravel surface; however, the site was paved sometime after 1990. The site is surrounded by a chain-link fence. Previously, a rail spur entering the site through the northeast gate was located along the north side of Building 345 and Building 343. Prior to 1985, the DRMO Area contained a Resource Conservation and Recovery Act Interim Status Storage Facility. This area was used for the short-term storage of hazardous

materials and hazardous wastes, including pesticides, solvents, corrosives, batteries, petroleum, oils, and lubricants. After 1985, only nonhazardous materials were stored at the site.

The elevation of the site is approximately 800 feet above mean sea level. Surface runoff follows site topography and generally flows to the west. Groundwater flow direction at the site is to the west/southwest.

SCOPE AND ROLE OF PARCEL

Information developed from the environmental baseline survey (Environmental Science and Engineering, Inc., 1998) was used to group areas at FTMC into standardized parcel categories using U.S. Department of Defense guidance. All parcels received a parcel designation for one of seven CERFA categories, or a non-Comprehensive Environmental Response, Compensation, and

Liability Act qualifier designation, as appropriate. The seven CERFA categories include CERFA Uncontaminated Parcels (Categories 1 and 2), CERFA Contaminated Parcels (Categories 3 through 7), and CERFA Qualified Parcels. The DRMO Area, Parcel 85(7), was categorized as a CERFA Category 7 parcel. CERFA Category 7 parcels are areas that are not evaluated or require additional evaluation (Environmental Science and Engineering, Inc., 1998).

With the issuance of this Decision Document, Parcel 85(7) is re-categorized as a CERFA Category 3 parcel. Category 3 parcels are areas where release, disposal, and/or migration of hazardous substances has occurred but at concentrations that do not require a removal or remedial response.

SITE INVESTIGATION

An SI was conducted at the DRMO Area, Parcel 85(7), to

**PUBLIC INFORMATION REPOSITORIES
FOR FORT McCLELLAN**

Anniston Calhoun County Public Library

Reference Section

Anniston, Alabama 36201

Point of Contact: Ms. Sunny Addison

Telephone: (256) 237-8501

Fax: (256) 238-0474

Hours of Operation: Monday-Friday 9:00 a.m.-6:30 p.m.

Saturday 9:00 a.m.-4:00 p.m.

Sunday 1:00 p.m.-5:00 p.m.

Houston Cole Library

9th Floor

Jacksonville State University

700 Pelham Road

Jacksonville, Alabama 36265

Point of Contact: Ms. Rita Smith (256) 782-5249

Hours of Operation: Monday-Thursday 7:30 a.m.-11:00 p.m.

Friday 7:30 a.m.-4:30 p.m.

Saturday 9:00 a.m.-5:00 p.m.

Sunday 3:00 p.m.-11:00 p.m.

determine whether chemical constituents are present at the site at concentrations that would present an unacceptable risk to human health or the environment (IT Corporation [IT], 2001).

Nine surface soil samples, nine subsurface soil samples, six groundwater samples, five surface water samples, and five sediment samples were collected at the site (Figure 1).

Surface soil samples were collected from the upper 2 feet of soil (beneath about 1 foot of asphalt); subsurface soil samples were collected at depths greater than 2 feet below ground surface.

Groundwater samples were collected from six temporary groundwater monitoring wells installed at the site during the SI. Surface water and sediment samples were collected from drainage features associated with the DRMO Area. Samples were analyzed for target analyte list metals, target compound list volatile organic compounds, target compound list semivolatile organic compounds (SVOC), polychlorinated biphenyls, pesticides, and herbicides. In addition, sediment samples were analyzed for total organic carbon content and for the determination of grain size.

To evaluate whether detected constituents present an unacceptable risk to human health and the environment, the analytical results were compared to human health site-specific screening levels (SSSL) and ecological screening values (ESV) for FTMC (IT, 2000). The SSSLs and ESVs were developed as part of human health and ecological risk evaluations associated with SIs being performed under the BRAC Environmental Restoration Program at FTMC. Additionally, metal concentrations exceeding SSSLs and ESVs were compared to media-specific background screening values (Science Applications International

Corporation, 1998), and SVOC concentrations exceeding SSSLs and ESVs in surface soils were compared to polynuclear aromatic hydrocarbon (PAH) background screening values developed for FTMC (IT, 2000).

The potential impact to human receptors is expected to be minimal. The metals that exceeded human health SSSLs, with a few exceptions, were below background concentrations or within the range of background values. The PAH compound benzo(a)pyrene was detected in four surface soil samples at concentrations exceeding the SSSL but below the PAH background value. The benzo(a)pyrene concentration also exceeded the SSSL at one subsurface soil sample location.

The volatile organic compound carbon tetrachloride was detected in one groundwater sample at a concentration (0.0013 milligrams per liter [mg/L]) exceeding the residential human health SSSL (0.0004 mg/L) but below the U.S. Environmental Protection Agency drinking water standard (0.005 mg/L). Carbon tetrachloride was not detected in any of the other wells installed at Parcel 85(7), including two upgradient wells and four downgradient wells installed at adjacent parcels. The extent of the carbon tetrachloride contamination is defined horizontally and localized in the area of PPMP-85-GP09. Based on the low level and limited spatial distribution, the carbon tetrachloride is not expected to pose a threat to human health.

Several metals were detected in site media at concentrations exceeding ESVs and the range of background values. In addition, the concentrations of several SVOCs and a limited number of pesticides and herbicides exceeded ESVs in site media. However, the potential impact to ecological receptors is expected to be minimal based on site conditions. The site is asphalt-paved and fenced and is located in a well-developed area projected for industrial use. The site does not currently support viable ecological habitat and is not expected to support ecological habitat in the projected land-use scenario.

SITE REMEDIAL ACTIONS

Remedial actions were not conducted at the DRMO Area, Parcel 85(7).

DESCRIPTION OF NO FURTHER ACTION

Remedial alternatives were not developed for Parcel 85(7). No further action is selected because remedial action is unnecessary to protect human health or the environment at this site. The metals and organic compounds detected in site media do not pose an unacceptable risk to human health or the environment. Therefore, the site is released for unrestricted future land use. Furthermore, Parcel 85(7) is re-categorized as a CERFA Category 3 parcel. Category 3 parcels are areas where release, disposal, and/or migration of hazardous substances has occurred but at concentrations that do not require a removal or remedial response. The U.S. Army will not take any

further action to investigate, remediate, or monitor the DRMO Area, Parcel 85(3) (formerly Parcel 85[7]).

The following costs are associated with implementing the no-action alternative:

Capital Cost:	\$0
Annual Operation & Maintenance Costs:	\$0
Present Worth Cost:	\$0
Months to Implement:	None
Remedial Duration:	None.

DECLARATION

Further remedial action or investigation is unnecessary at the DRMO Area, Parcel 85(3) (formerly Parcel 85[7]). The no further action remedy protects human health and the environment, complies with federal and state regulations, and is a cost-effective application of public funds. This remedy will not leave in place hazardous substances at concentrations that require limiting the future use of the parcel, or that require land-use control restrictions to exposure. The site is released for unrestricted future land use. Parcel 85(7) is re-categorized as a CERFA Category 3 parcel. Category 3 parcels are areas where release, disposal, and/or migration of hazardous substances has occurred but at concentrations that do not require a removal or remedial response. There will not be any further remedial costs associated with implementing no further action at the DRMO Area, Parcel 85(3) (formerly Parcel 85[7]).

QUESTIONS/COMMENTS

Any questions or comments
concerning this Decision
Document or other documents in
the administrative record can be
directed to:

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Fort McClellan BRAC
Environmental Coordinator
Tel: (256) 848-3539

E-mail: [LevyR@mcclellan-
emh2.army.mil](mailto:LevyR@mcclellan-emh2.army.mil)

ACRONYMS

BCT	BRAC Cleanup Team
BRAC	Base Realignment and Closure
CERFA	Community Environmental Response Facilitation Act
DRMO	Defense Reutilization and Marketing Office
ESV	ecological screening value
FTMC	Fort McClellan
IT	IT Corporation
mg/L	milligrams per liter
PAH	polynuclear aromatic hydrocarbon
SI	site investigation
SSSL	site-specific screening level
SVOC	semivolatile organic compound

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4/17/01
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5/17/01
Date

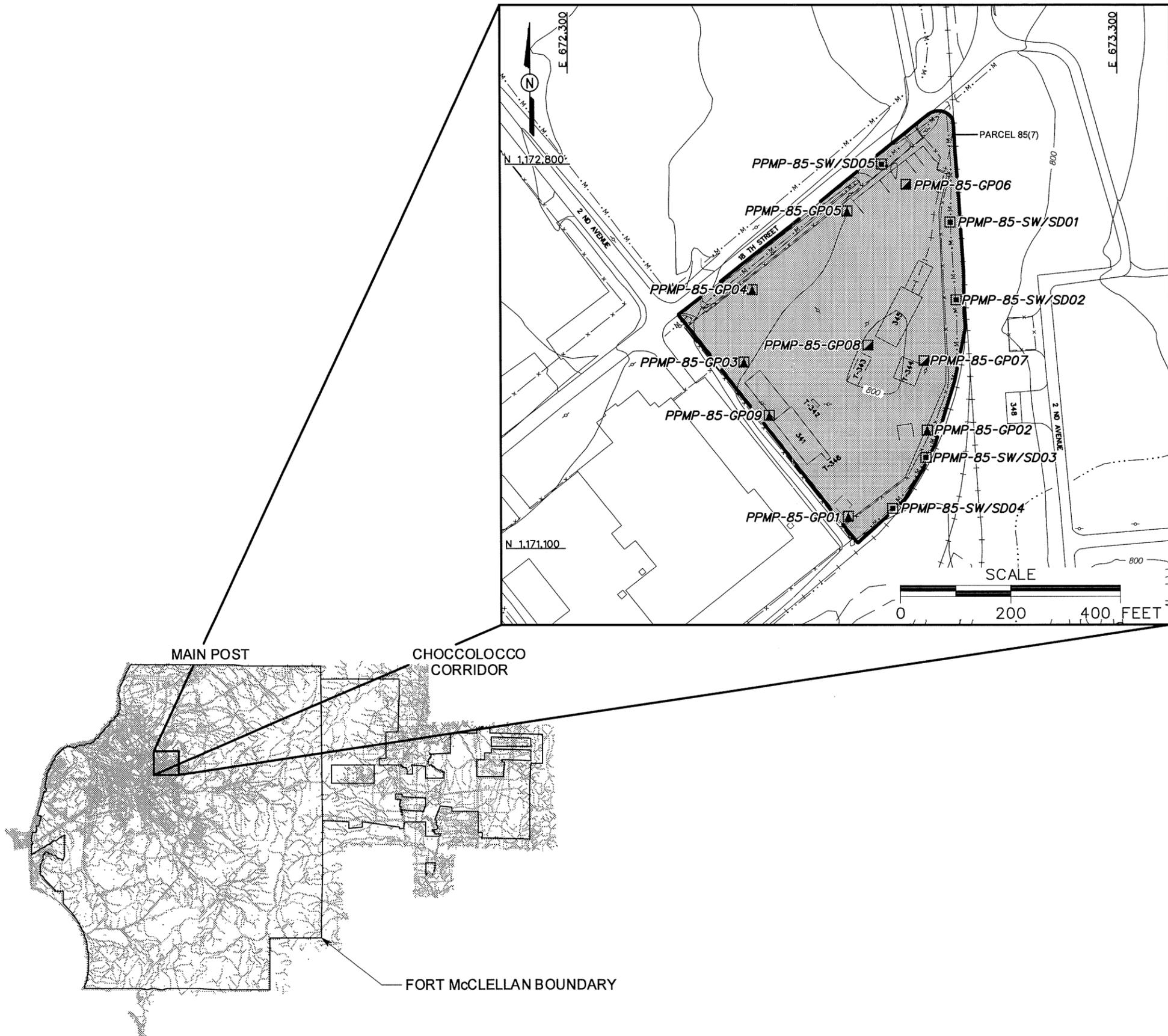
Approved by:

Glynn D. Ryan

Glynn D. Ryan
Fort McClellan Site Manager
Fort McClellan, Alabama

5/17/01
Date

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- LEGEND**
- UNIMPROVED ROADS AND PARKING
 - PAVED ROADS AND PARKING
 - BUILDING
 - TREES / TREELINE
 - PARCEL BOUNDARY
 - BRIDGE
 - SURFACE DRAINAGE / CREEK
 - MANMADE SURFACE DRAINAGE FEATURE
 - FENCE
 - RAILROAD
 - UTILITY POLE
 - SURFACE WATER/SEDIMENT SAMPLE LOCATION
 - SURFACE AND SUBSURFACE SOIL SAMPLE LOCATION
 - GROUNDWATER, SURFACE AND SUBSURFACE SOIL SAMPLE LOCATION

FIGURE 1
SITE MAP
DRMO AREA
PARCEL 85(7)

U. S. ARMY CORPS OF ENGINEERS
 MOBILE DISTRICT
 FORT McCLELLAN
 CALHOUN COUNTY, ALABAMA
 Contract No. DACA21-96-D-0018

