

**FINAL
DECISION DOCUMENT FOR THE
IMPACT AREA NEAR STUMP DUMP, PARCEL 135Q-X
FORT McCLELLAN, CALHOUN COUNTY, ALABAMA**

ISSUED BY: THE U. S. ARMY

AUGUST 2001

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

This Decision Document presents the determination that no further remedial action will be necessary to protect human health and the environment at the Impact Area Near Stump Dump, Parcel 135Q-X, at Fort McClellan (FTMC) in Calhoun County, Alabama. The location of the parcel at FTMC is shown on Figure 1. In addition, this Decision Document provides the site background information used as the basis for the no further action decision with regard to hazardous, toxic, and radioactive waste (HTRW). Unexploded ordnance (UXO)-related issues may be present at the site and are being addressed separately by the U.S. Army.

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 consists 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 Impact Area Near Stump Dump, Parcel 135Q-X, the U.S. Army will implement no further action at the site with regard to HTRW. UXO-related issues may be present at the site and are being addressed separately by the U.S. Army. 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 Impact Area Near Stump Dump, Parcel 135Q-X. A list of background documents for Parcel 135Q-X is presented on Page 2. A copy of the administrative record for Parcel 135Q-X 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 (DOD) 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 (CERCLA) 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 consists of two main areas of government-owned properties: the Main Post and Pelham Range.

PRIMARY BACKGROUND DOCUMENTS FOR PARCEL 135Q-X

Environmental Science and Engineering, Inc. (ESE), 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, Impact Area Near Stump Dump, Parcel 135Q-X, Fort McClellan, Calhoun County, Alabama*, August.

IT Corporation (IT), 2000a, *Final Site-Specific Field Sampling Plan Attachment, Site Investigation at Impact Area Near Stump Dump, Parcel 135Q-X, Fort McClellan, Calhoun County, Alabama*, August.

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

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

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 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 Impact Area Near Stump Dump, Parcel 135Q-X, is located in the central portion of the FTMC Main Post approximately 1,000 feet northwest of Stump Dump, Parcel 82(7). Parcel 135Q-X is located west of an unnamed, unimproved road and occupies approximately 2.3 acres (Figure 1). The parcel was identified as a small impact area on a 1961 aerial photograph (ESE, 1998). The impact area was active prior to

1961, but historical use of the area is unknown. The site is within the World War I Artillery Range where artillery and mortar use took place from 1912 to the beginning of World War II. Currently the area is wooded.

Surface drainage at the site flows to the west-southwest and eventually into Cane Creek.

SCOPE AND ROLE OF PARCEL

Information developed from the environmental baseline survey (Environmental Science and Engineering, Inc. [ESE], 1998) was used to group areas at FTMC into standardized parcel categories using DOD guidance. All parcels received a parcel designation for one of seven CERFA categories, or a non-CERCLA 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. Parcel 135Q-X was categorized as a CERFA Category 1 Qualified parcel in the environmental baseline survey. CERFA Category 1 parcels are areas where no storage, release, or disposal of hazardous substances or petroleum products has occurred (ESE, 1998). The parcel, however, was qualified ("X") because of the potential presence of UXO.

With the issuance of this Decision Document, Parcel 135Q-X remains a CERFA Category 1 Qualified Parcel.

SITE INVESTIGATION

An SI was conducted at the Impact Area Near Stump Dump, Parcel 135Q-X, to determine whether chemical constituents are present at the site at concentrations that present an unacceptable risk to human health or the environment (IT Corporation [IT], 2000a; IT, 2001).

**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.

Four surface soil samples, four subsurface soil samples, and two groundwater samples were collected at the site. Surface soil samples were collected from the upper 1 foot of soil; subsurface soil samples were collected at depths greater than 1 foot below ground surface. Groundwater samples were collected from two permanent monitoring wells installed at the site during the SI. Samples were analyzed for metals, nitroaromatic explosives, and perchlorate.

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, 2000b). 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, metals concentrations exceeding SSSLs and ESVs were compared to media-specific background screening values (Science Applications International Corporation, 1998).

The potential threat to human receptors is expected to be low. Although the site is projected for passive recreation reuse, the

analytical data were screened against residential human health SSSLs to evaluate the site for potential unrestricted land reuse. With the exception of antimony in one soil sample, the metals that exceeded SSSLs were below their respective background concentrations or were within their range of background values. The antimony concentration (4.13 milligrams per kilogram [mg/kg]) marginally exceeded its SSSL (3.11 mg/kg) in one subsurface soil sample. Antimony was not detected in any of the other samples collected at the site. Explosive compounds and perchlorate were not detected in any of the samples collected.

Eight metals were detected in site media at concentrations exceeding ESVs and their respective background concentrations. With the exception of beryllium in one surface soil sample, the concentrations of these metals were below their respective background concentrations or within the range of background values. The site is located within a wooded area of the Main Post and is expected to support viable ecological habitat. Based on the low levels of metals detected the potential threat to ecological receptors is expected to be low.

SITE REMEDIAL ACTIONS

Remedial actions were not conducted at the Impact Area Near Stump Dump, Parcel 135Q-X.

DESCRIPTION OF NO FURTHER ACTION

Remedial alternatives were not developed for Parcel 135Q-X. No further action is selected because remedial action is unnecessary to protect human health or the environment at this site. The metals detected in site media do not pose an unacceptable risk to human health or the environment. Therefore, the site is released for unrestricted land reuse with regard to HTRW. UXO-related issues may be present at the site and are being addressed separately by the U.S. Army. With regard to HTRW, the U.S. Army will not take any further action to investigate, remediate, or monitor the Impact Area Near Stump Dump, Parcel 135Q-X.

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

Remedial action is unnecessary at the Impact Area Near Stump Dump, Parcel 135Q-X. The no further action remedy protects human health and the environment, complies with relevant 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. The site is released for unrestricted land reuse with regard to HTRW. UXO-related issues may be present at the site and are being addressed separately by the U.S. Army. There will not be any further remedial costs associated with implementing no further action at the Impact Area Near Stump Dump, Parcel 135Q-X.

QUESTIONS/COMMENTS

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

Mr. Ronald M. Levy
Fort McClellan BRAC
Environmental Coordinator
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ACRONYMS

BCT	BRAC Cleanup Team
BRAC	Base Realignment and Closure
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERFA	Community Environmental Response Facilitation Act
DOD	U.S. Department of Defense
ESE	Environmental Science and Engineering, Inc.
ESV	ecological screening value
FTMC	Fort McClellan
HTRW	hazardous, toxic, and radioactive waste
IT	IT Corporation
mg/kg	milligrams per kilogram
SI	site investigation
SSSL	site-specific screening level
UXO	unexploded ordnance

Prepared under direction of:

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10/23/01
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Reviewed by:

Ronald M. Levy

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Fort McClellan, Alabama

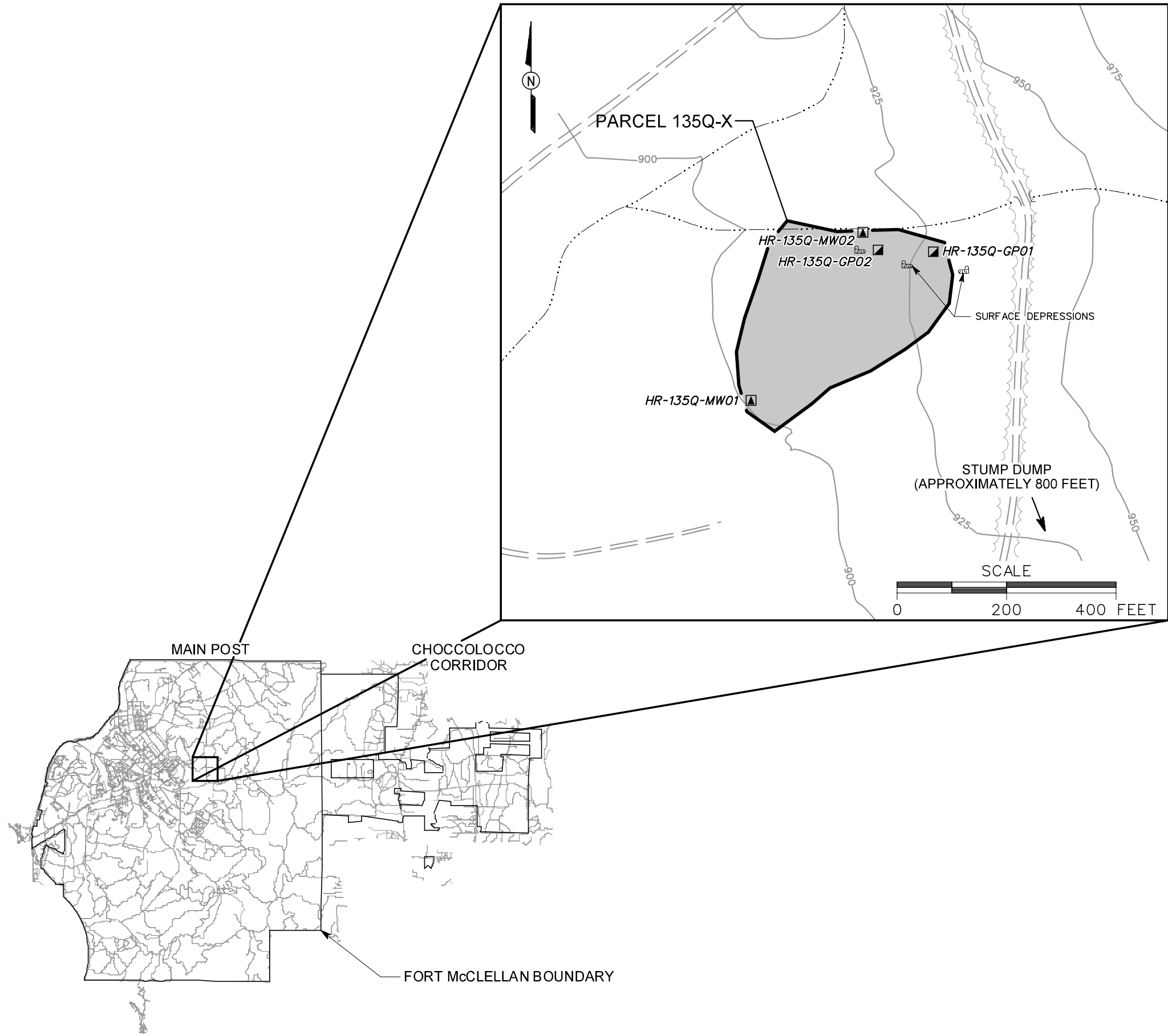
12 Dec 01
Date

Approved by:

Glynn D. Ryan

Glynn D. Ryan
Site Manager
Fort McClellan, Alabama

13 Dec 01
Date



LEGEND

- UNIMPROVED ROADS AND PARKING
- PAVED ROADS AND PARKING
- TOPOGRAPHIC CONTOURS (CONTOUR INTERVAL - 25 FOOT)
- TREES / TREELINE
- PARCEL BOUNDARY
- SURFACE DRAINAGE / CREEK
- SURFACE DEPRESSION
- SURFACE AND SUBSURFACE SOIL SAMPLE LOCATION
- GROUNDWATER, SURFACE AND SUBSURFACE SOIL SAMPLE LOCATION

FIGURE 1
SITE MAP
IMPACT AREA NEAR STUMP DUMP
PARCEL 135Q-X

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