

**FINAL
DECISION DOCUMENT FOR THE
FORMER INDOOR PISTOL RANGES AT BUILDING 141
PARCEL 16(Q)
FORT McCLELLAN, ALABAMA**

ISSUED BY: THE U. S. ARMY

FEBRUARY 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 Former Indoor Pistol Ranges at Building 141, Parcel 16(Q) 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.

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 (EPA) 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 removal action completed at the Former

Indoor Pistol Ranges at Building 141, Parcel 16(Q), 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 Former Indoor Pistol Ranges at Building 141, Parcel 16(Q). A list of background documents for Parcel 16(Q) is presented on Page 2. A copy of the administrative record for Parcel 16(Q) 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 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 comprises 18,929 acres, is bounded on the east by the Choccolocco Corridor,

PRIMARY BACKGROUND DOCUMENTS FOR PARCEL 16(Q)

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), 2000, *Final Removal Action Completion Report, Indoor Pistol Ranges at Buildings 141 and 143, Parcels 16(Q) and 217(Q), Fort McClellan, Calhoun County, Alabama*, January.

IT Corporation (IT), 1999, *Final Removal Action Work Plan, Indoor Pistol Ranges at Buildings 141 and 143, Parcels 16(Q) and 217(Q), Fort McClellan, Calhoun County, Alabama*, January.

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

Building 141 is located off 13th Avenue, near the intersection of 13th Avenue and Headquarters Road at FTMC (Figure 1). Indoor pistol ranges were located in two of the three attics in Building 141. The impact zone of each indoor pistol range consisted of a wooden structure measuring 21 feet long by 12 feet wide, and 7 feet high. The construction of each range primarily consisted of 2- by 4-inch or 2- by 6-inch lumber. A ½-inch-thick metal deflection shield, 21 feet long by 7 feet wide, was situated inside each structure. An 18-inch-high wooden base was built around the perimeter of each range and filled with sand for collection of the lead shot.

SCOPE AND ROLE OF PARCEL

Information developed from the Environmental Baseline Survey

(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. The Former Indoor Pistol Ranges at Building 141, Parcel 16(Q) was categorized as a CERFA Category 1 Qualified Parcel. CERFA Category 1 Qualified Parcels are areas with no evidence of CERCLA-related hazardous substance or petroleum product storage, release, or disposal, but which have other environmental or safety concerns (ESE, 1998).

With the issuance of this Decision Document, Parcel 16(Q) is recategorized as a CERFA Category 4 Parcel. Category 4 parcels are areas where release, disposal, and/or migration of hazardous substances has occurred, and all removal or remedial actions to protect human

health and the environment have been taken.

REMOVAL ACTION

A removal action was conducted at the Former Indoor Pistol Ranges at Building 141, Parcel 16(Q) in 1999. The removal action was performed to remove the indoor pistol range structures and lead shot, which was present within the structural components of the ranges, and to collect samples from the remaining structures to document residual lead levels.

The wooden structures, metal deflective shields, and sand associated with the pistol ranges were removed from the pistol ranges during removal action activities. After the structural components were removed from each of the ranges, the range floors were vacuumed to remove any remaining lead-contaminated dust. The floors, ceilings, and walls within 50 feet of the indoor pistol ranges were then decontaminated using a liquid detergent and water solution.

Following decontamination activities, 28 wipe samples were

**PUBLIC INFORMATION REPOSITORIES
FOR FORT McCLELLAN**

Anniston Calhoun County Public Library

Reference Section

Anniston, AL 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, AL 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.

collected for analysis at the Former Indoor Pistol Ranges at Building 141, Parcel 16(Q). Each wipe sample was collected from a 10-by 10-centimeter area using a template. The wipe samples were analyzed for total lead using EPA Method 6010B. Because three of the samples contained lead at levels above the U.S. Department of Housing and Urban Development residential housing action limit, additional decontamination activities and wipe sampling were performed at the affected areas.

The additional decontamination activities included rinsing the floors with a 10-percent nitric acid

solution and applying a polyurethane coating on exposed beam and rafter areas. Confirmatory wipe samples were collected from the affected areas after the additional decontamination steps were complete. Lead concentrations in the floor wipe samples remained about the same as before the acid wash. The polyurethane sealing of the beams and rafters reduced lead concentrations approximately 50 percent.

SITE REMEDIAL ACTIONS

Contaminated structures (i.e., wooden structures, metal deflective shields, and sand) were removed from the Former Indoor

Pistol Ranges at Building 141 and properly disposed as lead-contaminated hazardous waste. The remaining structures (i.e., floors, ceilings, and walls) were decontaminated.

DESCRIPTION OF NO FURTHER ACTION

Contaminated structures were removed from the Former Indoor Pistol Ranges at Building 141, Parcel 16(Q) and the remaining surfaces were decontaminated. Confirmatory wipe sampling documented low-level residual lead concentrations in the remaining structures. However, since the building reuse strategy is

to remain office space and the former pistol ranges are in attic storage areas, no significant threat to human health is anticipated from the lead remaining in these structures. No further action is selected because further remedial action is unnecessary to protect human health or the environment at this site. The U.S. Army will not take any further action to investigate, remediate, or monitor the Former Indoor Pistol Ranges at Building 141, Parcel 16(Q).

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 is unnecessary at the Former Indoor Pistol Ranges at Building 141, Parcel 16(Q). The no further action remedy protects human health and the environment in the proposed reuse scenario, complies with federal and state regulations that are legally applicable or relevant and appropriate to this remedial action, 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 building, or that require land use control restrictions to exposure. There will not be any further remedial costs associated with implementing no further action at the Former Indoor Pistol Ranges at Building 141, Parcel 16(Q).

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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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
EPA	U.S. Environmental Protection Agency
FTMC	Fort McClellan

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