

FINAL

**ENVIRONMENTAL CONDITION OF
PROPERTY REPORT**

**FAITH WING
US ARMY RESERVE CENTER (AL079)
215 REGIMENTAL AVENUE
FORT MCCLELLAN, ALABAMA 36205**

Prepared For:

**U.S. Army Corps of Engineers – Louisville District
600 Dr. Martin Luther King, Jr. Place
Louisville, Kentucky 40202-2232**

FEBRUARY 2007

CERTIFICATION

All information/documentation provided accurately reflects the environmental condition of the property. This ECP Report is in general accordance with the U.S. Department of Defense (DOD) requirements for completion of an Environmental Condition of Property (ECP) Report.

STEVEN FRANCIS
Chief, Environmental Division
Deputy Chief of Staff
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DATE

The undersigned certifies the contents of this report are in general accordance with DoD policies for the completion of an ECP.



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EXECUTIVE SUMMARY

Fuller, Mossbarger, Scott and May Engineers, Inc. (FMSM), under contract to the U.S. Army Corps of Engineers (USACE) Louisville District, has prepared this Environmental Condition of Property (ECP) Report for the Faith Wing U.S. Army Reserve (USAR) Center, hereafter referred to as the "Site" or "USAR Center". The Site is located at 215 Regimental Avenue, Fort McClellan, Calhoun County, Alabama and encompasses approximately 2 acres.

This ECP Report was conducted in conformance with primary Department of Defense and Army guidance, the Department of Defense's Base Redevelopment and Realignment Manual, DoD 4165.77-M (BRRM), Army regulations and the American Society for Testing and Materials (ASTM) Designation D 6008-96 (2005), *Standard Practice for Conducting Environmental Baseline Surveys*, as secondary guidance when it was not inconsistent with the primary guidance.

This ECP Report details the history of the property, including the U.S. Army Reserve and any prior tenant uses of the Site and the resulting environmental condition of the property.

The USAR Center facility is situated on approximately 2 acres of land with one permanent building: a 37,729 square-foot USAR Center building. The Site is currently occupied by one unit: 4th Battalion (Chemical), 108th Regiment and is used for training Army Reserve troops in biological agent detection.

Based on a review of aerial photographs and U.S. Geological Survey (USGS) topographic maps dating back to 1947, the Site was developed by the Army prior to construction of the USAR Center in 1954.

Areas of potential environmental concern were reviewed and FMSM found no adverse conditions relating to the environmental condition of the property.

In accordance with Department of Defense policy defining the classifications (See Deputy Under Secretary of Defense Goodman Memorandum dated 21 October 1996), the Property has been classified as Category 1. This classification does not include categorizing the property based on *de minimis* conditions that generally do not present material risk of harm to the public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

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LIST OF ACRONYMS

ACAMP	Alabama Coastal Area Management Program
ACM	asbestos-containing material
ADEM	Alabama Department of Environmental Management
AR	army regulation
AST	aboveground storage tank
ASTM	American Society for Testing and Materials
BIDS	Biological Integrated Detection System
BRAC	Base Realignment and Closure
CDP	Center for Domestic Preparedness
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	CERCLA Information System
CERFA	Community Environmental Response Facilitation Act
CFR	Code of Federal Regulations
DoD	Department of Defense
EBS	Environmental Baseline Survey
ECAS	Environmental Compliance Assessment System
ECP	Environmental Condition of Property
EDR	Environmental Data Resources, Inc.
FEMA	Federal Emergency Management Agency
FIRM	Flood Insurance Rate Map
ICA	Internal Compliance Assessment
JPA	Joint Powers Authority
kg	kilogram
LBP	lead-based paint
LUST	leaking underground storage tank
MEC	Munitions and Explosives of Concern
MEP	military equipment parking
mg	milligram
NFA	No Further Action

NPL	National Priorities List
NPS	National Park Service
NRHP	National Register of Historic Places
NWI	National Wetlands Inventory
O&M	Operations and Maintenance
OWS	oil/water separator
PCBs	polychlorinated biphenyls
pCi/l	picoCuries per liter
ppm	parts per million
POV	privately-owned vehicle
RCRA	Resource Conservation and Recovery Act
RCRIS	RCRA Information System
RQ	Reportable Quantity
RRC	Regional Readiness Command
RSC	Regional Support Command
Site	U.S. Army Reserve Center (AL079)
SPCC	Spill Prevention, Control and Countermeasure
SSA	Supervisory Staff Administrator
SWPPP	Stormwater Pollution Prevention Plan
TSD	treatment, storage, or disposal
USACE	United States Army Corps of Engineers
USAR	United States Army Reserve
USEPA	United States Environmental Protection Agency
USDHS	United States Department of Homeland Security
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
UST	underground storage tank
VCP	voluntary cleanup program

1.0 INTRODUCTION

FMSM was contracted by the USACE – Louisville District, to prepare an ECP Report for the Faith Wing USAR Center (AL079), in response to the Base Realignment and Closure (BRAC) 2005 legislation. The facility is located at 215 Regimental Avenue, Fort McClellan, Calhoun County, Alabama, hereafter referred to as the “Site” or “USAR Center”. In support of the ECP Report, a visual reconnaissance of the Site was conducted on 2 August 2006. The purpose of the visit was to visually obtain information indicating the environmental condition of property at the Site.

1.1 PURPOSE OF ENVIRONMENTAL CONDITION OF PROPERTY REPORT

The Military Department with real property accountability shall assess, determine and document the environmental condition of all transferable property in an ECP Report. This ECP Report is based on readily available information. Pursuant to the Department of Defense’s policy, set forth in the Base Redevelopment and Realignment Manual (DoD 4165.66-M, March 1, 2006) Section C8.3 (BRRM), the primary purposes of the ECP Report include the following:

- Provide the Army with information it may use to make disposal decisions;
- Provide the public with information relative to the environmental condition of the property;
- Assist in community planning for the reuse of Base Realignment and Closure (BRAC) property;
- Assist Federal agencies during the property screening process;
- Provide information for prospective buyers;
- Assist prospective new owners in meeting the requirements under EPA’s “All Appropriate Inquiry” regulations;
- Provide information about completed remedial and corrective actions at the property;
- Assist in determining appropriate responsibilities, asset valuation, and liabilities with other parties to a transaction.

The ECP Report contains the information required to comply with the provisions of 40 Code of Federal Regulations (CFR) Part 373, which require that a notice accompany contracts for the sale of, and deeds entered into, for the transfer of federal property on which any hazardous substance was stored, released or disposed of. The

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Section 120(h) stipulates that a notice is required if certain quantities of designated hazardous substances have been stored on the property for 1 year or more – specifically, quantities exceeding 1,000 kilograms or the reportable quantity, whichever is greater, of the substances specified in 40 CFR 302.4 or one kilogram of acutely hazardous waste as defined in 40 CFR 261.30. A notice is also required if hazardous substances have been disposed of or released on the property in an amount greater than or equal to the reportable quantity. Army Regulation (AR) 200-1 requires that the ECP Report address asbestos, lead-based paint, radon and other substances potentially hazardous to human health.

This ECP Report used the American Society for Testing and materials (ASTM) Designation D 6008-96 (2005), *Standard Practice for Conducting Environmental Baseline Surveys* as a guideline when not inconsistent with the BRRM, CERCLA § 120, Army regulations and other applicable Army guidance.

1.2 SCOPE OF SERVICES

This ECP Report covers the 2.17-acre USAR Center located at 215 Regimental Avenue at Fort McClellan, Calhoun County, Alabama. The property is bound by U.S. Department of Homeland Security (USDHS) operations to the south, Militia Road and buildings occupied by the Alabama Army National Guard to the north, an attached structure occupied by the USDHS to the east, and Regimental Avenue to the west. Site maps are provided in Appendix A. Appendix B provides photographs taken during the August 2006 Site visit. Appendix C provides an environmental lien search and historical chain of title information. Appendix C also includes property transfer documentation. Historical environmental documents and reports are provided in Appendix D, while Appendix E contains the Environmental Data Resources, Inc. (EDR) reports and agency letters and responses. (Note: Some source maps, such as the ones used for Figures 1 and 7 in Appendix A and the Detail Map in the EDR report, show the former street names from the Army occupation of Fort McClellan. Figure 2 in Appendix A and the street names referenced in this report were correct at the time of the site visit.)

This ECP Report classifies the property into one of seven DoD Environmental ECP categories as defined by Deputy Under Secretary of Defense S. Goodman Memorandum, "Clarification of 'Uncontaminated' Environmental Condition of Property at BRAC Installations" (21 October 1996). The property classification categories are as follows:

- Category 1 – Areas where no release or disposal of hazardous substances or petroleum products has occurred (including no migration of these substances from adjacent areas).
- Category 2 – Areas where only the release or disposal of petroleum products has occurred.

- Category 3 – Areas where release, disposal, and/or migration of hazardous substances has occurred, but at concentrations that do not require a removal or remedial response.
- Category 4 – 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.
- Category 5 – Areas where release, disposal, and/or migration of hazardous substances has occurred, and removal or remedial actions are under way, but all required remedial actions have not yet been taken.
- Category 6 – Areas where release, disposal, and/or migration of hazardous substances have occurred, but required actions have not yet been implemented.
- Category 7 – Areas that are not evaluated or require additional evaluation.

2.0 SITE LOCATION AND PHYSICAL DESCRIPTION

2.1 SITE LOCATION

The USAR Center is located within the limits of the former U.S. Department of Defense site of Fort McClellan in the southeast portion of Calhoun County, Alabama. The former Fort McClellan is presently called McClellan, an 18,000 acre master-planned community located near Anniston, Alabama. McClellan offers for sale or lease original site buildings or undeveloped property with distinct areas for residential living, office space, commercial retail, education, research and development, and light industrial. The site is located in an area of government buildings used by the National Guard and the USDHS. Figure 1 in Appendix A provides a general site location map.

2.2 ASSET INFORMATION

Facility Name and Address:	Faith Wing Army Reserve Center (AL079) 215 Regimental Avenue Fort McClellan, Alabama 36205
Property Owner:	United States Government
Date of Ownership:	The United States of America initially acquired title to the property, including additional lands, in 1917.
Current Occupant:	4th Battalion (Chemical), 108th Regiment
Zoning:	Federal
County, State:	Calhoun County, Alabama
USGS Quadrangle(s):	Anniston, Alabama
Section/Township/Range:	Not Reported
Latitude/Longitude:	33° 43' 49.2" N; 85° 47' 37.6" W
Legal Description:	A copy the EDR Historical Chain of Title and Environmental Lien Search reports, which include a legal description, are provided in Appendix C.

2.3 PHYSICAL DESCRIPTION

The USAR Center is situated on 2.17 acres of land with one permanent structure, the 37,729 square-foot USAR Center building. Construction of the building was reported to be in 1954. The USAR Center is located in a portion of Building 1081.

The USAR Center building is an L-shaped structure. The wing at the north end of the structure is single-story and includes a large, open training room. The remainder of the building is two stories above grade, and portions of the building include a finished below-grade level. Portions of the building also have a crawl space with access on the east side of the building. The building is constructed with a reinforced concrete frame and concrete masonry unit exterior walls. Photographs 1 through 4 in Appendix B provide views of the building exterior.

A privately-owned vehicle (POV) parking area is located in the rear (east side) of the building. Three concrete pads that were formerly used for military vehicle parking are located near the POV parking area. Military vehicles are no longer parked in the area. Photograph 5 in Appendix B shows the parking area. The parking area and rear of the building are secured with chain-link security fencing. Approximately one-half of the Site is covered by impervious surface features (e.g., asphalt parking areas, driveways, concrete walkways, building footprint, etc.). Landscaped areas, consisting of mowed grass and scattered bushes, surround the building on the north, west and south sides. According to the U.S. Geological Survey (USGS) Quadrangle map, the Site and surrounding area slope generally down to the east. Figure 2 in Appendix A provides a current plan view layout of the Site. Appendix B provides photographs taken during the August 2006 Site visit.

The interior of the USAR Center building consists of office space, classrooms, storage, and laboratories. Photographs 6, 7 and 8 in Appendix B are typical interior views of the building. Figures 3, 4 and 5 in Appendix A provide layout views of the basement/crawl space, first floor, and second floor, respectively, of the building.

The facility has a steel hazardous material storage shed located on the ground surface just outside the west entrance to the building, as shown in Photographs 9 and 10 in Appendix B.

2.4 SITE HYDROLOGY AND GEOLOGY

2.4.1 Surface Water Characteristics

Figure 6 in Appendix A provides a portion of the 1972 Anniston, Alabama, United States Geological Survey (USGS) topographic map that includes the Site. As shown, the Site is situated at an elevation of approximately 790 feet above mean sea level and is relatively flat. In the immediate vicinity of the Site, the land surface slopes down to the

east toward Cave Creek located about 1,400 feet east of the Site. The direction of surface water flow at the Site is east toward Cave Creek.

The Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM), Community Panel 0100130168C indicates the Site is located outside of the 100-year and 500-year floodplains. Figure 7 in Appendix A depicts a portion of this FIRM map that includes the Site.

2.4.2 Geology/Hydrogeological Characteristics

According to the publication *Stratigraphy and Structure of the Jacksonville Fault, Calhoun County, Alabama*, the Site is located near the Jacksonville Thrust fault, resulting in exposed Cambrian-aged limestone, dolomite and shale stratigraphically overlying Ordovician-aged limestone. Faults mapped in the area have been reported to be inactive. The Knox Group limestone is a known water-bearing unit and karst-type groundwater flow is possible in the Cambrian-aged limestone. Groundwater likely flows to the east or east-northeast toward Cave Creek, which flows north in the site vicinity.

The area around the Site has been mapped as the Conasauga soil series by the Soil Conservation Service. Typical soil types for the general area are silt loam and silt clay loam that are moderately well drained with slow infiltration rates. The Conasauga soils do not meet the requirements for hydric soils. The water table is usually less than 10 feet below the surface.

2.5 SITE UTILITIES

Water Service – The City of Anniston Water Works and Sewer Board provides potable water service to the Site.

Sanitary Sewer System – The City of Anniston Water Works and Sewer Board provides sanitary sewer service to the Site. The primary source of wastewater that is directed to the sewer system includes non-process wastewater (bathrooms, sinks, etc.).

Gas & Electric – Alabama Gas Company provides natural gas service to the Site, while Alabama Power Company provides electric service to the Site.

2.6 WATER SUPPLY WELLS & SEPTIC SYSTEMS

Based upon a review of available historical site and agency records and interviews with Site personnel, neither a water supply well nor a septic system is or was located at the Site.

A search of USGS water well database identified no registered water wells located within ½ mile of the Site.

3.0 SITE HISTORY

3.1 HISTORY OF OWNERSHIP

Appendix C contains an environmental lien search and historical chain of title report completed for the Site and prepared by EDR. Appendix C also includes the "Transfer and Acceptance of Military Real Property" form documenting the transfer of Faith Wing from the Ft. McClellan Transition Force to the 81st Regional Support Command (RSC). The property title is vested in the United States of America. The 2.17-acre parcel is a portion of Fort McClellan; the U.S. Government initially acquired title to the subject property, including additional lands, in 1917. The property comprising Fort McClellan was obtained from hundreds of individual property owners. The environmental lien search did not identify any environmental liens or activity and use limitations associated with the property. The historical chain of title report did not identify institutional or engineering controls of record filed at Calhoun County. The EDR report acknowledges that environmental studies have been previously conducted at Fort McClellan.

Historical Sanborn fire insurance maps were not available for the Site.

According to published historical documents, prior to the Army's occupancy, farmers and tenants, shopkeepers and manufacturers owned the land that makes up the former Fort McClellan. The United States War Department formally established Camp McClellan in 1917, and it was re-designated as Fort McClellan in 1929. The facility was used for training troops prior to and during the First and Second World Wars. Fort McClellan was used as a mobilization camp to train men and as a prisoner-of-war camp during World War II. The installation was placed on inactive status on 30 June 1947, but was reactivated in 1950.

Plans were made during 1950 to use the area for National Guard training. The replacement training center for the Chemical Corps was activated during 1951, with Fort McClellan as its permanent home. In 1962, the name of the activity was changed from the Chemical Corps School to the U.S. Army Chemical Center and School, until it was closed in 1973.

The Women's Army Corps School was founded at Fort McClellan on 25 September 1952. Approximately 2 years later, official ceremonies were conducted to establish the post as the first permanent home of the U.S. Women's Army Corps Center. Fort McClellan remained its home until the Corps was disbanded in 1977.

The U.S. Army Combat Developments Command Chemical Biological-Radiological Agency moved to Fort McClellan in 1962.

During the 1970's and 1980's Fort McClellan was used as a major training facility for military and civilians. After reestablishment in December 1979, the U.S. Army Chemical

School relocated to Fort McClellan from Aberdeen, Maryland. The DoD's decision to consolidate training for all branches of the service brought U.S. Army, Navy, Marine, and Air Force chemical officers and non-commissioned officers, Military Police, civilian law officers, and various Government agencies to the post for training. The addition of the DoD Polygraph Institute resulted in Fort McClellan evolving into Law Enforcement/Criminology training. The U.S. Army Chemical School continued its operations in chemical warfare training, camouflage tactics, chemical detection, decontamination, and protection. Fort McClellan became home to the Chemical Decontamination Training Facility, where chemical soldiers worked with live nerve agents under controlled conditions.

In 1995 the BRAC Commission voted to permanently close Fort McClellan and closure took place in 1999. At the time of closure, Fort McClellan was home to the U.S. Army Chemical School, the U.S. Army Military Police School, the Training Brigade, and the Department of Defense Polygraph Institute.

The McClellan Joint Powers Authority (JPA) took control of much of the property in 2000. The JPA is comprised of personnel acting on behalf of Calhoun County, the local city governments and the State of Alabama. The JPA is tasked with facilitating the transfer of remaining acreage and buildings to commercial and private use.

According to documents provided for this ECP Report, the Department of Justice (now USDHS) acquired four non-contiguous parcels of Fort McClellan property from the Army in 2001. The four parcels, which had a combined area of 64.27 acres, included Building 1081. The Faith Wing USAR Center is a part of Building 1081; however, it was specifically excluded from the transfer to the Department of Justice. The Faith Wing USAR Center was transferred from the Army Transition Force to the 81st Regional Readiness Command in June 2001.

Available business directories including City, cross-reference, and telephone directories were reviewed, if available, at approximately 5-year intervals for the years spanning 1961 through 2005. According to *Polk's City Directory* information provided by EDR and dated 26 July 2006, the Site's current street name was not listed in the directories consulted. Appendix E includes a copy of the City Directory information.

Sanborn Maps, which are a standard historical source of information, were not available for the Site vicinity.

3.2 PAST USES AND OPERATIONS

The past uses and operations at the Site have been interpreted based on interviews with Site and 81st RRC personnel, and review of documents provided and referenced herein.

The USAR Center building was constructed in approximately 1954 as a school for women in the Women's Army Corps. The building contained offices for the assistant commandant, her staff, and the instructors, as well as 25 classrooms, a bookstore and a library. The Women's Army Corps was disbanded in 1977. In 1979 the U.S. Army Chemical School relocated to Fort McClellan and was housed in the Faith Wing building until the post was closed in 1999. The US Army Reserve acquired the building, which is the western portion of Building 1081, and approximately 2 acres of land in 2001. The USAR Center provides reservist training to detect and identify large area aerosol biological weapons attacks using the Biological Integrated Detection System (BIDS).

Historical aerial photographs and topographic maps were another source of information used to interpret the past Site use. Figure 6 and Figures 8 to 13 in Appendix A provide USGS topographical maps and aerial views of the Site and surrounding areas in 1947, 1956, 1972, 1981, 1992, and 1998.

The 1947 USGS topographic quadrangle map for Anniston, Alabama (Figure 8, in Appendix A) depicts four structures on the Site. The structures would have been present prior to the construction of the USAR Center building.

The 1956 USGS topographic quadrangle map (Figure 9, in Appendix A) depicts one structure on the Site that has a configuration similar to the Faith Wing USAR Center.

The 1972 USGS topographic quadrangle map (Figure 6, in Appendix A) depicts one structure on the Site identical to that shown on the 1956 map.

The 1972 aerial photograph (Figure 10, in Appendix A) depicts one structure on the Site, and the structure appears in the same configuration as the present USAR Center.

The 1981 aerial photograph (Figure 11, in Appendix A) depicts a structure configured as the USAR Center building is presently configured; however, an addition is depicted extending to the east from the south side of the structure.

The 1992 and 1998 aerial photographs (Figures 12 and 13, in Appendix A) depict a structure similarly configured to that in the 1981 photograph; however, another addition is depicted extending to the east.

Historical documentation supports the circa 1954 construction date of the USAR Center building.

3.3 PAST USE, STORAGE, DISPOSAL, AND RELEASE OF HAZARDOUS SUBSTANCES

3.3.1 Past Use and Storage of Hazardous Substances

Information related to past use and storage of hazardous substances at the Site was compiled through review of available site records and past reports, search of Federal and State environmental databases, and interviews with Reserve personnel.

The U.S. Army Chemical School was located at the Faith Wing USAR Center, for approximately 20 years. The reported use of the building suggests that during that time various chemicals and hazardous materials might have been used and stored in the facility; however, no specific information was provided to FMSM during the ECP process that described such materials. Interviews with Site personnel indicated the Site has been used for training and included classrooms and office space; no chemicals were stored at the Site. FMSM did not encounter documentation or indications that CERCLA hazardous substances were stored at the Site for 1 year or more in excess of corresponding reportable quantities.

3.3.2 Past Disposal and Release of Hazardous Substances

Information related to past disposal and potential release of hazardous substances at the Site was compiled through review of available site records, search of Federal and State environmental databases, and interviews with Army Reserve personnel.

Personnel from the 81st RRC provided documentation, in the form of non-hazardous waste manifests, of disposal of 2,250 pounds of Sodium Azide in December 2003 and 400 pounds of Sodium Azide in March 2004. The Site contact provided Material Safety Data Sheets for several products containing Sodium Azide that have been used to support the USAR Center mission. The products, including reagent kits, antibody products, and reconstitution buffers, were reported to be packaged in approximately 12-ounce bottles and are no longer used at the Site. According to the Data Sheets, the products contained Sodium Azide in concentrations of 0.05 or 0.1 percent. The Site contact stated that the waste manifests are likely the result of disposal of multiple cases of such products that had become outdated or otherwise unusable.

Site personnel and records did not indicate on-site disposal of hazardous materials or wastes. No stained soil or stressed vegetation considered indicative of disposal or releases of hazardous materials were observed during the August 2006 site visit. No noxious or foul odors were noted during the site visit.

3.4 PAST PRESENCE OF BULK PETROLEUM STORAGE TANKS

Based upon a review of available site records, a search of Federal and State environmental databases, and interviews with Army Reserve personnel, there has been

no bulk petroleum storage in USTs, ASTs or other containers above 55 gallons on the Site.

3.5 REVIEW OF PREVIOUS ENVIRONMENTAL REPORTS

A review of site records produced several reports pertaining to the Site. The following subsections provide a brief summary of these reports. Copies of the reports, unless otherwise noted, are provided in Appendix D.

3.5.1 1998 Asbestos-Containing Materials (ACM) Survey Report

Reisz Engineering prepared the report based on a facility survey conducted in November 1997. The survey was conducted for Building 1081, which included the Faith Wing portion that is the subject of this ECP Report. Suspect ACM was identified and sampled in the structure, and confirmed friable ACM was encountered in pipe insulation in the basement and non-friable ACM was encountered in Transite material in the cooling tower.

3.5.2 2001 Environmental Condition of Property (ECP) Report

The ECP Report was conducted for the U.S. Department of Justice Center for Domestic Preparedness. The 2001 ECP Report was conducted on four non-contiguous parcels of Fort McClellan property that were scheduled to be transferred to the Department of Justice. The four parcels, which had a combined area of 64.27 acres, included Building 1081. The Faith Wing USAR Center is a part of Building 1081; however, it was specifically excluded from the transfer to the Department of Justice and from the 2001 ECP Report. The 2001 ECP Report assigned Area F1.1, which included Building 1081, CERFA Category 1.

3.5.3 2002 Air Quality Report

The 81st RSC conducted a survey to identify sources of air pollution emissions. In a memorandum dated 29 July 2002, the RSC concluded that no stationary or mobile air pollution sources that would require a Title V Air Pollution Control permit application were identified.

3.5.4 2002 Pesticide Application Memorandum

The memorandum, issued by the 81st Regional Support Command (RSC) on 29 July 2002, states that the RSC completed a command survey to determine compliance with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA). The memorandum states that pest management services are contracted to qualified vendors; and facility personnel do not apply, transport or store pesticides. The stated purpose of the

memorandum was to avoid a negative environmental compliance assessment as it relates to FIFRA.

3.5.5 2005 Asbestos Inspection Report

The report, dated March 2005, was prepared by Environmental Enterprise Group, Inc., for the 81st RRC. The report was prepared based on a facility survey conducted in December 2004. The survey was conducted for the Faith Wing USAR Center portion of Building 1081, which is the subject of this ECP Report. The report concluded that no suspect ACM was detected in the building, but the basement area of the building was not included in the 2005 asbestos inspection.

3.5.6 2005 Lead-Based Paint Inspection Report

The report, dated April 2005, was prepared by Environmental Enterprise Group, Inc., for the 81st RRC. The components of the building that contained consistently detectable amounts of lead included interior wood and metal trim components, such as hall window casings, doors, and door casings, baseboards and stair components. Exterior components with elevated lead levels included doors, casings, and handrails.

3.5.7 2006 Radon Monitor Test Result

Site records include a report entitled *Radon Monitor Test Results* prepared by RSSI in March 2006. According to the report, an alpha-track radon monitor was placed by Site or 81st RRC personnel and was sent to RSSI for analysis. The device was in place at the Site for approximately 90 days from December 2005 to February 2006. The reported radon concentration in a vacant office was 0.7 pCi/l.

3.5.8 2006 Asbestos Inspection Report

An asbestos inspection of the building was conducted in November 2006, after the site visit had been conducted for this ECP report. Asbestos sampling confirmed that pipe insulation in Room B-104 in the basement of the building was friable ACM, and was noted to be in good condition with no damage. The report also noted that ACM in the form of pipe insulation may be located in an inaccessible area above the ceiling in Room B-101 in the basement of the building.

4.0 ADJACENT PROPERTIES

The USDHS established the Center for Domestic Preparedness (CDP) in Sibert Hall, which comprises the eastern 4/5 of Building 1081, and formerly occupied by the U.S. Army Chemical School, the Chemical Decontamination Training facility and much of the on-post billeting. The CDP provides disaster and terrorist response training to military and civilian personnel.

Figure 13 in Appendix A provides a 1998 aerial view of the Site and adjacent properties. Based on the site reconnaissance, Alabama National Guard property is located across Regimental Avenue to the west of the Site. An Alabama National Guard complex consisting of buildings and associated parking is located across Militia Road to the north of the Site. The Site is bounded on the east by the remainder of Building 1081 operated by the CDP. The remainder of Building 1081 shares a common wall with the Faith Wing structure and includes Sibert Hall. The Site is bounded to the south by CDP property.

Table 1 provides a list of adjacent properties and their directional location with respect to the Site. The zoning of the adjacent parcels is also listed in Table 1.

TABLE 1 LIST OF ADJACENT PROPERTIES			
Direction From Site	Name/Type of Property	Address(es)	Zoning
North	Alabama National Guard Complex / Office	Buildings 1022 and 1023	None – Federal Property
South	USDHS Center for Domestic Preparedness	Building 1081 Property	None – Federal Property
East	USDHS Center for Domestic Preparedness / building	Building 1081	None – Federal Property
West	Alabama National Guard Complex / Office	Building 2293	None – Federal Property

Appendix A and Appendix E provide historical aerial photographs, topographic maps, EDR Reports, and City directory information, which were used to evaluate potential environmental impacts on adjacent properties that may have also impacted the environmental condition at the Site.

The 1947 USGS topographic map (Figure 8, in Appendix A) is the earliest readily available source of historic information. The map indicates that both the present Regimental Avenue and Militia Road, where the Site is located, had been constructed. The map depicts numerous structures along streets to the north of the Site location and

sparse presence of structures to the east, south and west of the Site location. The nature of the structures depicted on the map is unknown and cannot be interpreted from the source map.

The 1956 USGS topographic map (Figure 9, in Appendix A) indicates that the structures depicted north of the Site location in the 1947 map had been removed and replaced by several structures that are similar in configuration to the present-day structures located north of Militia Avenue. Development of structures located to the southwest of the Site location is depicted. The map depicts no structures located to the east or southeast of the Site location.

The 1972 USGS topographic map (Figure 6, in Appendix A) depicts conditions similar to those depicted in the 1956 map, except it appears that a structure located northeast of the Site location had been removed.

The 1972 USGS aerial photograph (Figure 10, in Appendix A) depicts the property to the east of the Site location as undeveloped with scattered trees. The property to the north appears developed with buildings configured similar to the present Alabama National Guard buildings located north of the Site. The photograph depicts sparse development to the south and west of the Site.

The 1981 USGS aerial photograph (Figure 11, in Appendix A) depicts conditions similar to that on the 1972 aerial photograph except that an east-west wing appears to have been added to the east side of the Faith Wing structure.

The 1992 USGS aerial photograph (Figure 12, in Appendix A) depicts Building 1081 with a large addition constructed at the east end of the building.

The 1998 USGS aerial photograph (Figure 13, in Appendix A) depicts the Site and surrounding area in a configuration similar to that in the 1992 aerial photograph and similar to its present appearance.

5.0 REVIEW OF REGULATORY INFORMATION

A component of the ECP Report is the review of reasonably obtainable Federal, state, and local government records for the Site and surrounding properties, where there has been a release or likely release of a hazardous substance or a petroleum product, and which is likely to cause or contribute to a release or threatened release of a hazardous substance or a petroleum product on the Federal real property. A regulatory database summary was acquired from EDR on 18 July 2006. The regulatory database summary consolidates standard Federal, state, local, and tribal environmental record sources based on ASTM recommended minimum search distances from the Site. A copy of the EDR report is included in Appendix E.

5.1 FEDERAL ENVIRONMENTAL RECORDS

The regulatory information presented in Table 2 was obtained from the EDR federal regulatory database search report. Sites identified by this database search are discussed in the following subsections.

TABLE 2 FEDERAL DATABASE SEARCH								
Database	Search Distance (miles)	Site	<1/8	1/8 – 1/4	1/4 – 1/2	1/2 – 1	>1	Total Plotted
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
Delisted NPL	1.000		0	0	0	0	NR	0
NPL Recovery	TP		NR	NR	NR	NR	NR	0
CERCLIS	0.500		0	0	0	NR	NR	0
CERC-NFRAP	0.500		0	0	0	NR	NR	0
CORRACTS	1.000		0	0	0	2	NR	2
RCRA TSD	0.500		0	0	0	NR	NR	0
RCRA Lg. Quantity Gen	0.250		0	0	NR	NR	NR	0

**TABLE 2
 FEDERAL DATABASE SEARCH**

Database	Search Distance (miles)	Site	<1/8	1/8 – 1/4	1/4 – 1/2	1/2 – 1	>1	Total Plotted
RCRA Sm. Quantity Gen	0.250		0	1	NR	NR	NR	1
ERNS	TP		NR	NR	NR	NR	NR	0
HMIRS	TP		NR	NR	NR	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
DoD	1.000		1	0	0	0	NR	1
FUDS	1.000		0	0	0	0	NR	0
US Brownfields	0.500		0	0	0	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0

TABLE 2 FEDERAL DATABASE SEARCH								
Database	Search Distance (miles)	Site	<1/8	1/8 – 1/4	1/4 – 1/2	1/2 – 1	>1	Total Plotted
MLTS	TP		NR	NR	NR	NR	NR	0
MINES	0.250		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0

TP = Target Property; NR = Not Required

5.1.1 Federal Department of Defense (DoD) Facilities within 1 Mile

According to the EDR report, one DoD facility, the Fort McClellan Military Reservation, is situated within 1 mile of the Site. According to the EDR report, the facility is closed. The USAR Center is part of the former Fort McClellan facility.

5.1.2 Federal CORRACTS (Corrective Action Report) Facilities within 1 Mile

The USAR Center is not listed on the CORRACTS list. According to the EDR report, two hazardous waste handlers with corrective action activity are situated within 1 mile of the Site:

- U.S. Army Fort McClellan Pelham Range, Highway 431 South, which is 4,174 feet south-southeast of the Site; this facility is at a lower elevation and cross-gradient to the Site for surface and groundwater flow directions.
- U.S. Army Fort McClellan Army Garrison, U.S. Highway 21 North of Anniston, which is 4,174 feet south-southeast of the Site, at a lower elevation and cross-gradient to the Site. The Army Garrison is a part of the approximately 19,000-acre Main Post area of Fort McClellan. In addition to its listing on the referenced CORRACTS list, the former Fort McClellan is on the CERCLIS, RCRA Small-Quantity generators, FINDS, RCRA-TSDF, RAATS, and NY Manifest lists. The EDR report does not include the facility on the referenced lists because the Site address used by EDR does not fall within the prescribed search distances. The Fort McClellan facility has been the subject of intense environmental review and investigation. Reports of various individual site evaluations at the Post were readily available from other sources consulted for this ECP Report. Findings from readily available environmental documents considered pertinent to the

subject Site are discussed and referenced in this ECP Report. According to the EDR list, there are 93 RCRA violation records reported at the former Fort McClellan. The EDR report does not provide enough detail on each violation to allow determination of the specific area where the violation occurred and its proximity to the subject Site.

5.1.3 Federal RCRA Small and Large Quantity Generators List Within 1/4 Mile

Conditionally exempt small quantity generators are defined as facilities generating less than 100 kilograms (kg) of hazardous waste, and less than 1 kg of acute hazardous waste per month. RCRA small quantity generators are defined as facilities generating between 100 kg and 1,000 kg of hazardous waste per month and less than 1 kg of acute hazardous waste, while a large quantity generator is defined as a facility generating more than 1,000 kg of hazardous waste, or over 1 kg of acute hazardous waste per month.

The USAR Center is not listed on the RCRA list. According to the EDR report, one RCRA small quantity generator is situated within 1/4 mile of the Site:

- Smith Cleaners, 6716 McClellan Blvd, is 1,239 feet northwest of the Site, at a relatively higher elevation, but cross-gradient to the Site. The facility is listed as a small quantity generator with no violations found.

5.2 STATE AND LOCAL ENVIRONMENTAL RECORDS

The regulatory information presented in Table 3 was obtained from the EDR State and Local regulatory database search report. Sites identified by this database search are discussed in the following subsections. Written requests for state environmental records were submitted to the Alabama Department of Environmental Management (ADEM) Air Division, Water Division, and Solid Waste Branch and to the Alabama Department of Public Health. Copies of the letters sent to each agency are included in Appendix E. No responses have been received to date from these Alabama state agencies.

TABLE 3 STATE DATABASE SEARCH								
Database	Search Distance (miles)	Site	<1/8	1/8 – 1/4	1/4 – 1/2	1/2 – 1	>1	Total Plotted
State Haz. Waste	1.000		0	0	0	0	NR	0
State Landfill	0.500		0	0	0	NR	NR	0

TABLE 3 STATE DATABASE SEARCH								
Database	Search Distance (miles)	Site	<1/8	1/8 – 1/4	1/4 – 1/2	1/2 – 1	>1	Total Plotted
SWRCY	0.500		0	0	0	NR	NR	0
LUST	0.500		0	0	0	NR	NR	0
AOCONCERN	1.000		0	0	0	0	NR	0
UST	0.250		0	1	NR	NR	NR	1
LAST	0.500		0	0	0	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
INST CONTROLS	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
Brownfields	0.500		0	0	0	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
TIER 2	TP		NR	NR	NR	NR	NR	0

TP = Target Property; NR = Not Required

5.2.1 State-Registered UST Sites Within 1/4 Mile

The USAR Center is not included on the list of UST sites. According to the EDR report, one UST site was identified within 1/4 mile of the USAR Center. Table 4 lists the site along with information included in the report.

TABLE 4 UNDERGROUND STORAGE TANK SITE					
Company/Site	Address	Distance and Direction from Site	Tank Status	Closure Status	Elevation Relation to Site
Amoco Service Station	49 Cave Road, Anniston, AL 36202	Approximately 1,287 feet northwest	1 - 6,000-gallon steel tank Permanently Closed 2 - 4,000 gallon-steel tanks Permanently Closed	Permanently Closed	Higher and cross-gradient

5.2.2 Local Emergency Agency Correspondence

The Anniston Fire and Rescue Station 3 (on the former Fort McClellan base) was contacted regarding any responses the organization might have made to the Site. No responses to the Site were recalled or documented.

5.3 TRIBAL ENVIRONMENTAL RECORDS

The regulatory information presented in Table 5 was obtained from the EDR's Tribal database search report.

TABLE 5 TRIBAL DATABASE SEARCH								
Database	Search Distance (miles)	Site	<1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	Total Plotted
Indian Reservation	1.000		0	0	0	0	NR	0

NR = Not Required

According to the EDR report, no sites were located within the designated search distance for the searched Tribal Database.

5.4 EDR PROPRIETARY RECORDS

The regulatory information presented in Table 6 was obtained from the EDR's Proprietary Records database search report.

TABLE 6 EDR PROPRIETARY DATABASE SEARCH								
Database	Search Distance (miles)	Site	<1/8	1/8 – 1/4	1/4 – 1/2	1/2 – 1	>1	Total Plotted
Manufactured Gas Plants	1.000		0	0	0	0	NR	0
EDR Historical Auto Stations	TP		NR	NR	NR	NR	NR	0
EDR Historical Cleaners	TP		NR	NR	NR	NR	NR	0

TP = Target Property; NR = Not Required

According to the EDR report, no sites were located within the designated search distances for each of the searched EDR Proprietary Databases.

5.5 UNMAPPED SITES

The EDR database search yielded 14 unmapped sites with a Fort McClellan address. Unmapped sites are those with insufficient address information such that they cannot be identified or can be identified only as within the City or ZIP Code of the Site. Efforts to locate these sites and assess their relevance to this ECP Report were made based on the site name in the EDR report. Most of the Fort McClellan site names included a Building number. Based on the review and interpretation of the site name, two unmapped sites could be potentially relevant to this ECP Report:

- Fort McClellan, Building 1076 appears on the UST list – According to maps provided for this ECP Report, Building 1076 is, or was, in the present Alabama National Guard complex located to the north of the USAR Center Site. The building is approximately 500 feet north of the USAR Center, at a slightly higher elevation and cross-gradient to the Site.
- Fort McClellan, Alabama Army National Guard Training Site at the “4th Street Building” appears on the UST list – The address information is not definitive, but the listed facility might be located in the National Guard complex north of the USAR Center; the complex is at a slightly higher elevation and cross-gradient to the Site.

5.6 SUMMARY OF PROPERTIES EVALUATED TO DETERMINE RISK TO THE SITE

To summarize Subsections 5.1 through 5.5, five separate environmental list entries were evaluated as potential risk properties to the Site. The properties evaluated were identified as a result of information obtained during area reconnaissance and regulatory database searches and are listed in Table 7.

Company/Site	Database	Elevation in Regards to Site	Potential Risk to Site?	Comment
U.S. Army Fort McClellan Army Garrison, U.S. Highway 21 North of Anniston, AL	CORRACTS	Varies	No	Also appears on DoD Sites, CERCLIS, RCRA Small-Quantity generators, FINDS, RCRA-TSDF, RAATS, and NY Manifest lists
Smith Cleaners, 6716 McClellan Blvd, Anniston, AL	RCRA-SQG	Higher	No	No Violations found
Amoco Service Station, 49 Cave Road, Anniston, AL	UST	Higher	No	Tanks listed as Permanently Closed
Fort McClellan, Building 1076	Unmapped Sites	Unknown	No	Site located within approx. 500 feet of USAR Center
Fort McClellan, Alabama Army National Guard Training Site	Unmapped Sites	Unknown	No	Site potentially located within approx. 500 feet of USAR Center

The former Fort McClellan facility has been the subject of environmental review and investigation. As part of the research for this ECP Report, selected previous environmental reports that addressed property near the USAR Center were reviewed, including the 2001 *Environmental Condition of Property Report* conducted for the U.S. Department of Justice (now the USDHS) Center for Domestic Preparedness. The 2001 ECP Report was conducted on four non-contiguous parcels of Fort McClellan property, which were scheduled to be transferred to the Department of Justice. The four parcels, which had a combined area of 64.27 acres, included a parcel identified as Area F1.1. Area F1.1 included approximately 12.29 acres with one building, Building 1081 (less Faith Wing), and defined on the north by 6th Street (presently Militia Road) on the east by 4th Avenue (presently Freemont Road) and on the west and southwest by 5th Avenue (presently Regimental Avenue / Federal Way). The parcel included land and structures adjacent to the east and south sides of the USAR Center in the Faith Wing.

The report concluded that Parcel F1.1 is a CERFA Category 1 site. Category 1 is an area "...where no storage, release, or disposal (including migration) has occurred". The report also states "There is no indication that any potential contamination has migrated from the adjacent sites to the property."

The 2001 ECP Report identifies five additional sites located in former Motor Pool areas to the east and south of the USAR Center. The sites had originally been identified as CERFA Category 7 sites, which had not been evaluated or required further evaluation. The nearby sites would likely be within prescribed search distances for evaluation of potential impact to the USAR Center. Two documents were reviewed to evaluate the potential impact:

- *Final Decision Document for Former Motor Pool Area 1000 Parcels 150(7), 13(7) and 139(7), Fort McClellan, Calhoun, Alabama*, issued by the U.S. Army in March 2001, and
- *Final Decision Document for Former Motor Pool Area 1300, 4th Avenue, Parcels 147(7) and 16(7), Fort McClellan, Calhoun, Alabama*, issued by the U.S. Army in May 2001

Each of the referenced documents concludes that the metals and chemical compounds detected in site media do not pose an unacceptable risk to human health and the environment and state that no further action is necessary. The reports recategorize each of the sites to CERFA Category 3 parcels: "Areas of contamination below action levels". Therefore, based on review of the listed reports, none of the five nearby sites referenced in the 2001 ECP Report is judged to pose a recognized environmental condition with respect to the USAR Center.

Two entries on the EDR Unmapped Sites list are included on the ADEM UST list, were interpreted to be located approximately 500 feet north of the USAR Center and within the prescribed ¼ - mile search distance for the UST list. The Fort McClellan website <http://www.mcclellan.army.mil/documents> has a June 2001 document entitled *Site Investigation Report, Boiler Plant No. 3, Building 1076, Parcels 14(7) and 235(7)* that addresses the Building 1076 included on the unmapped sites list. The building is presently part of the Alabama Army National Guard Training Site located north of the USAR Center. The site investigation included soil and groundwater sampling and testing. The report concludes: "The metals and chemical compounds detected in site media do not pose an unacceptable risk to human health and the environment." The report also states underground storage tanks associated with the former boiler plant have been removed in accordance with ADEM regulations, and a copy of a "No Further Action" letter regarding the USTs is attached to the report. Therefore, based on review of the referenced reports, neither of the two unmapped sites is judged to pose a recognized environmental condition with respect to the USAR Center.

6.0 SITE INVESTIGATION AND REVIEW OF ENVIRONMENTAL CONDITIONS

Findings documented in the following subsections are based on the 2 August 2006, site and area reconnaissance, a review of available site records, and information obtained from USAR personnel.

6.1 UNDERGROUND/ABOVEGROUND STORAGE TANKS (USTs/ASTs)

No bulk petroleum storage USTs or ASTs were noted during the site reconnaissance.

6.2 INVENTORY OF CHEMICALS / HAZARDOUS SUBSTANCES

Janitorial chemicals and building maintenance-related products, in volumes below reportable quantities, were observed stored in designated storage areas within the janitorial closets located in the USAR Center building.

The USAR Center includes a "Mix Lab" located in the north side of the building in the Training Room area. The room is secured and accessible only to authorized individuals. The room contains a white powder substance known as B-G. Site contacts advised that there are two defined locations on the Fort McClellan property where the aerosol is authorized to be used. A Materials Safety Data Sheet for the B-G identifies it as *Bacillus subtilis var. niger* (BG), a simulant of biological origin. The Safety Data Sheet states that B-G is listed as a harmless, non-pathogen in the Centers for Disease Control / National Institute of Health biosafety guidelines. Photographs 11 and 12 in Appendix B depict the Mix Lab entrance and storage of the biological simulant, B-G.

The Training Room area of the USAR Center also has several file cabinets storing various cleaners, bleach, electrolyte solutions and other fluids used in the training mission. The fluids are stored in 1-gallon or less sized containers. Photograph 13 in Appendix B depicts the storage conditions. No indications of leaking or discharge of these materials were noted during the Site reconnaissance. There is no evidence that hazardous substances above reportable quantities were stored for one year or more, released, or disposed at the Site.

6.3 WASTE DISPOSAL SITES

FMSM did not observe signs of landfilling or illegal waste disposal activities at the Site during the August 2006 reconnaissance.

6.4 PITS, SUMPS, DRYWELLS, AND CATCH BASINS

The partial basement and the crawl space of the USAR Center each have a sump with a pump. The Site contact was unsure of the ultimate discharge location of the sumps;

however, he stated the sumps accept surface water and groundwater that collect in the area after precipitation events. Photograph 14 in Appendix B depicts the basement sump.

A grated yard drain inlet is located on the east side of the building near the entrance to the crawl space mechanical area of the building. The inlet, shown in Photograph 15 in Appendix B, was stained with paint.

A below-grade structure located on the south side of the building houses fire protection mechanical and plumbing equipment and is not considered an environmental concern.

6.5 ASBESTOS-CONTAINING MATERIAL

The asbestos survey conducted in June 1998 encountered confirmed friable ACM in pipe insulation in the basement and non-friable ACM in Transite-like material in the cooling tower. During the Site reconnaissance, updated mechanical heating and cooling systems were noted, and it appeared the cooling tower had been removed from the Site. No records of asbestos removal were available.

An additional asbestos survey report, dated March 2005 concluded that no suspect ACM was detected in the building, but the basement area was not included in this survey.

During the August 2006 Site reconnaissance, FMSM noted pipe insulation labeled as asbestos-containing near the ceiling in a basement room. Photograph 16 in Appendix B depicts the pipe insulation and the asbestos warning label. The pipe insulation was encased in a reinforced wrapping and appeared to be in good condition.

Personnel from the 81st RRC provided a copy of an undated *Asbestos Operations and Maintenance Plan* that includes a facility called Fort McClellan with the designation AL072. The document states that no ACM was found at the AL072 facility.

A November 2006 Asbestos Inspection Report, completed after the site visit, is summarized in Section 3.5.8.

6.6 POLYCHLORINATED BIPHENYL CONTAINING EQUIPMENT

A pad-mounted electrical transformer is located in the lawn area on the east side of the building, as shown in Photograph 17 in Appendix B. A representative from the Anniston Engineering office of the Alabama Power Company, the owner of the transformer, confirmed that the transformers at the former Fort McClellan facility do not contain PCBs. FMSM did not observe signs of leaks or discharges from the transformer.

PCBs may be contained in light ballasts in older type fluorescent light fixtures. Any light ballast not marked with "No PCBs" should be assumed to contain PCBs and management and disposal of these light ballasts should be in accordance with local, State and Federal requirements. The light ballasts within the overhead fluorescent light fixtures were not observed during the site reconnaissance.

6.7 LEAD-BASED PAINT

The documents provided for review during preparation of this assessment include a LBP survey conducted in April 2005. The components of the building that contained consistently detectable amounts of lead included interior wood and metal trim components, such as hall window casings, doors, door casings, baseboards and stair components. Exterior components with elevated lead levels included doors, casings, and handrails. During the Site reconnaissance, severe peeling of interior wall paint was noted on the east wall of the Training Room located near the north end of the building. Photograph 18 in Appendix B depicts the peeling paint. The 2005 report indicated that the wall paint did not have detectable amounts of lead.

The information provided for review during this ECP Report preparation also included the results of a single total metals in paint test conducted in January 2001. The sample was collected from the "male latrine" and the reported result was 0.0182 percent by weight.

6.8 RADON

Site records include a report entitled *Radon Monitor Test Results* prepared by RSSI in March 2006. According to the report, an alpha-track radon monitor was placed on site and then was sent to RSSI for analysis. The device was placed on site for approximately 90 days from December 2005 to February 2006. The reported radon concentration in a vacant office was 0.7 pCi/l.

The Alabama Cooperative Extension System publishes radon test results by county and ZIP Code on their website at http://www.aces.edu/crd/radon/county_map.htm. The data include no entries for the Site ZIP Code. However, the published data include 302 sites in Anniston, Calhoun County. The data suggest that 250 sites (83%) had radon concentrations of less than the USEPA residential action level of 4 pCi/l. Fifty-two sites (17%) in the database had a radon concentration equal to or greater than 4 pCi/l.

In addition, the USEPA Map of Radon Zones for Calhoun County, Alabama confirms that the county lies within Zone 1. Zone 1 counties have a predicted average indoor radon screening level greater than 4 pCi/l.

6.9 MUNITIONS AND EXPLOSIVES OF CONCERN (MEC)

No indications were found during the August 2006 Site reconnaissance or records review process of the current or past use, storage or disposal of MEC, including unexploded ordnance (UXO), at the Site.

6.10 RADIOACTIVE MATERIALS

During the August 2006 site reconnaissance, a radioactive materials sign was noted on an exterior door to the Training Room area near the north end of the Site building. Site contacts advised that when the facility was used for Chemical training, a detector was stored on site that had a radioactive source. Site personnel reported that the equipment with the radioactive source is no longer stored on the property.

A radiological laboratory was reported to be located in Sibert Hall, which is the eastern portion of the building attached to Faith Wing that was constructed in 1989. Sibert Hall is not part of the USAR Center. The laboratory was used for training and instruction of radiation protection officers and held two U.S. Nuclear Regulatory Commission-granted licenses. In 2000, one of the two licenses was terminated and one was amended by removing Building 1081 (Sibert Hall). The 2001 ECP Report states that decommissioning activities were conducted for the laboratory prior to Fort McClellan's 1999 closure. The Alabama Department of Public Health, the U.S. Nuclear Regulatory Commission, and the USEPA conducted joint oversight of the decommissioning. As a result of the decommissioning, the Nuclear Regulatory Commission released Building 1081 for unrestricted use in a letter dated 27 July 2000.

6.11 OTHER

During the August 2006 site reconnaissance, site contacts reported that mold has been noted on various interior walls and ceilings. The mold has been caused by leaks or discharges from air handling and conditioning units located in the building. The site contact reported a past mold problem in a first floor supply room that resulted from a leaking ceiling-mounted air handling unit. The mold-damaged building components were cleaned by building staff, and there was no testing or reports of problems, or indoor air quality complaints. Photographs 19 and 20 in Appendix B depict mold observed during the Site reconnaissance.

7.0 REVIEW OF SPECIAL RESOURCES

7.1 LAND USE

Figure 13 in Appendix A provides a 1998 aerial photograph of the USAR Center and surrounding properties and depicts current land use. According to a McClellan JPA representative, the Site has no zoning designation but is Federal land. The Site is located in an area of Federal government-owned buildings.

7.2 COASTAL ZONE MANAGEMENT

The Alabama Department of Conservation and Natural Resources and the ADEM are the lead agencies for the Alabama Coastal Area Management Program (ACAMP) and the Alabama State Nonpoint Source Pollution Management Program. According to the ACAMP webpage, the program area includes Mobile and Baldwin Counties, the two counties in Alabama that border the Gulf of Mexico. According to the ADEM webpage, the boundary of the coastal management program does not extend into Calhoun County. Due to the distance between the Site and the Gulf, activities at the Site would not impact sensitive coastal resources.

7.3 WETLANDS

The U.S. Fish and Wildlife Service (USFWS) National Wetland Inventory (NWI) map shows that no jurisdictional wetlands are identified on the Site or adjacent properties. In addition, soils at the Site are classified as Consauga silt loam, which do not meet the requirements of a hydric soil. Based on a review of the NWI map and soils information, it is unlikely that any jurisdictional wetlands occur on the Site or its adjacent properties. Figure 14 in Appendix A is a portion of the NWI map that includes the Site.

7.4 100-YEAR FLOODPLAIN

The FEMA FIRM, Community Panel 0100130168C indicates the Site is located outside of the 100-year floodplain. Figure 7 in Appendix A depicts a portion of the FIRM map that includes the Site.

7.5 NATURAL RESOURCES

According to the USFWS, the species presented in Table 8 are known to occur in Calhoun County, Alabama. No determination concerning the occurrences of these species or their potential habitat is rendered here.

TABLE 8 FEDERALLY THREATENED AND ENDANGERED SPECIES TO KNOWN TO OCCUR IN CALHOUN COUNTY, ALABAMA		
Common Name	Scientific Name	Federal Status
Bald eagle	<i>Haliaeetus leucocephalus</i>	Endangered
Red-cockaded woodpecker	<i>Picoides borealis</i>	Endangered
American peregrine falcon	<i>Falco peregrinus anatum</i>	Endangered
Gray bat	<i>Myotis grisescens</i>	Endangered
Tulotoma snail	<i>Tulotoma magnifica</i>	Endangered
Southern pigtoe mussel	<i>Pleurobema georgianum</i>	Endangered
Triangular kidneyshell mussel	<i>Ptychobranthus greenii</i>	Endangered
Southern clubshell mussel	<i>Pleurobema decisum</i>	Endangered
Tennessee yellow-eyed grass	<i>Xyris tennesseensis</i>	Endangered
Mohr's Barbara's buttons	<i>Marshallia mohrii</i>	Threatened
Pygmy sculpin	<i>Cottus paulus</i>	Threatened
Blue shiner	<i>Cyprinella caerulea</i>	Threatened
Fine-lined pocketbook mussel	<i>Lampsilis altilis</i>	Threatened
Painted rocksnail	<i>Leptoxis taeniata</i>	Threatened

The 1998 Fort McClellan *Disposal and Reuse Environmental Impact Statement* document does not appear to indicate sensitive habitats on the Site. The closest sensitive habitat, which is for the Gray Bat, is located east of the Site along Cave Creek.

7.6 CULTURAL RESOURCES

The Site does not appear on the National Register of Historic Places (NRHP). The 1998 Fort McClellan *Disposal and Reuse Environmental Impact Statement* document

states that according to the Alabama State Historic Preservation Office, there are three eligible historic districts at Fort McClellan:

- Post Headquarters District with 62 contributing structures;
- Industrial District with 17 contributing structures; and
- Ammunition Storage District with eight contributing structures.

According to the referenced document, the Site does not appear on the list of historic districts at Fort McClellan.

7.7 OTHER SPECIAL RESOURCES

A review of other special resources was conducted which included a search for various federally managed and protected lands within or near the Site. The Site is not within an Officially Designated Wilderness Area according to wilderness.net. It is not within a National Wetlands Management District according to the USFWS. The National Park Service (NPS) does not include the Site on the Wild and Scenic Rivers and Trails lists.

8.0 CONCLUSIONS

FMSM, under contract to the USACE, was authorized to conduct an ECP Report for the Faith Wing USAR Center, located at 215 Regimental Avenue, Fort McClellan, Calhoun County, Alabama 36205 on approximately 2 acres of land. The Site is currently occupied by the 4th Battalion (Chemical), 108th Regiment and is used for training Army Reserve troops in biological agent detection. The Site has primarily functioned as an administrative, logistical, and educational facility since its construction in approximately 1954.

Findings of this ECP are based on interviews, existing environmental information, including visual observations, site records, Federal, state, and local database and file information, related to the storage, release, treatment, or disposal of hazardous substances or petroleum products or derivatives on the property. The following paragraphs present the findings related to areas of potential environmental concern that were evaluated during the ECP process.

- **Aboveground Storage Tanks (ASTs)** - No aboveground storage tanks were observed during the site reconnaissance.
- **Adjacent Properties** - Potential environmental sites of concern, located within corresponding ASTM search distances from the Site, were evaluated. FMSM did not encounter documentation that activities associated with adjacent sites have adversely affected the Site.
- **Asbestos** – An asbestos survey, conducted in June 1998, encountered friable asbestos in brown paper pipe insulation in the basement and in Transite-like material in the cooling tower. The cooling tower has been removed from the Site; however, no records of asbestos abatement were available. An additional asbestos survey report dated March 2005 indicated no ACM was detected at the Site, but the basement was not included in the 2005 inspection. During the August 2006 site reconnaissance for this ECP Report, pipe insulation, observed near the ceiling in a basement room, was labeled as asbestos-containing. A November 2006 asbestos inspection confirmed that friable ACM, in the form of piping insulation, is present in the basement of the building and was in good condition at the time of the report inspection. No asbestos O&M plan has been documented for the Site.
- **Hazardous Substances** – Information related to the past use and storage of hazardous substances at the Site was compiled through review of available site records and past reports, search of Federal and State environmental databases, and interviews with Reserve personnel.

The U.S. Army Chemical School was located at the Faith Wing USAR Center for approximately 20 years. The reported use of the building suggests that during that time various chemicals and hazardous materials might have been used and stored in the facility; however, no specific information was available describing such materials. Sodium Azide, a non-hazardous material, was apparently present in low concentrations (0.05 to 0.1 percent) in products supporting the training mission such as reagent kits, antibody products, and reconstitution buffers at the Site. A biological training agent known as B-G (*Bacillus subtilis* var. *niger*) was used for training purposes. Published data provided for this ECP Report suggests that B-G is likely a harmless, non-pathogen in the Centers for Disease Control / National Institute of Health biosafety guidelines.

Interviews with site personnel indicated the Site has been used for training and included classrooms and office space. FMSM did not encounter documentation or indications that CERCLA hazardous substances were stored at the Site for 1 year or more in excess of corresponding reportable quantities.

FMSM did not encounter documentation or evidence that hazardous substances above reportable quantities were released or disposed at the Site. Therefore, based on the documentation available and discussions with Site personnel, it is not believed that the past use and storage of hazardous substances have negatively impacted environmental conditions at the Site.

- **Lead-Based Paint (LBP)** – The lead-based paint survey report, dated April 2005, indicated the components of the building that contained consistently detectable amounts of lead included interior wood and metal trim components, such as hall window casings, doors, and door casings, baseboards and stair components. Exterior components with elevated lead levels included doors, casings, and handrails. During the Site reconnaissance, severe peeling of interior wall paint was noted on the east wall of the Training Room located near the north end of the building. The wall paint was not identified as containing a detectable amount of lead.
- **Munitions and Explosives of Concern** - No indications were found during the August 2006 site reconnaissance or records review process of the current or past use, storage or disposal of MEC, including UXO, at the Site.
- **Pits, Sumps, Drywells, and Catch Basins** – The partial basement and the crawl space of the USAR Center each have a sump with a pump. The Site contact was unsure of the ultimate discharge location of the sumps; however, he stated the sumps accept surface water and groundwater that collect in the area after precipitation events.

A grated yard drain inlet is located on the east side of the building near the entrance to the crawl space mechanical area of the building. The inlet was stained with paint.

- **Polychlorinated Biphenyl (PCB) Materials** – A pad-mounted electrical transformer is located in the lawn area on the east side of the building. The transformer owner reported that it does not contain PCBs. FMSM did not observe signs of leaks or discharges from the transformer.

PCBs may be contained in light ballasts in older type fluorescent light fixtures. Any light ballast not marked with "No PCBs" should be assumed to contain PCBs and management and disposal of these light ballasts should be in accordance with local, State and Federal requirements. The light ballasts within the overhead fluorescent light fixtures were not observed during the site reconnaissance.

- **Radiological Materials** – A radioactive materials sign was noted on an exterior door to the training room area near the north end of the Site building. Site contacts advised that when the facility was used for chemical training, a detector was stored on site that had a radioactive source. Site personnel reported that the equipment with the radioactive source is no longer stored on the property. FMSM encountered no documentation or indications that radiological commodities were improperly managed at the Site, or that any radionuclides were released.

A radiological laboratory was reported to be located in Sibert Hall, which is the eastern portion of the building attached to Faith Wing that was constructed in 1989. Sibert Hall is not part of the USAR Center. The laboratory was used for training and instruction of radiation protection officers and held two U.S. Nuclear Regulatory Commission-granted licenses. In 2000, one of the two licenses was terminated and one was amended by removing Building 1081 (Sibert Hall). Decommissioning activities were conducted for the laboratory prior to Fort McClellan's 1999 closure. As a result of the decommissioning, the Nuclear Regulatory Commission released Building 1081 for unrestricted use in a letter dated 27 July 2000.

- **Radon** – Site records indicate radon concentrations were measured at 0.7 picoCuries per liter (pCi/l) in a vacant office in the building. This value is below the USEPA residential action level of 4.0 pCi/l.
- **Underground Storage Tanks (USTs)** – No evidence of the presence of USTs for bulk petroleum storage was found during the Site reconnaissance, and no bulk storage USTs have been reported or documented on the Site.

In accordance with Department of Defense policy defining the classifications (See Deputy Under Secretary of Defense Goodman Memorandum dated 21 October 1996), the Property has been classified as Category 1, an area where no release or disposal of hazardous substances or petroleum products has occurred (including no migration of these substances from adjacent properties).

9.0 LIMITATIONS

This ECP Report was prepared to review certain elements of the environmental condition of property related to the storage, release, treatment, or disposal of hazardous substances or petroleum products. It documents efforts to determine or discover the presence or likely presence of a release or threatened release of these materials. Project activities were performed in general conformance with the BRRM, ASTM D6008 guidance, the project prescribed scope of work, and generally accepted practices in the consulting industry. The degree of care and skill is consistent with that generally exercised in the industry under similar conditions.

FMSM has relied on certain information provided by the USACE, USAR, and other parties referenced in the report. This information was assumed to be accurate and complete unless information to the contrary arose during the course of the investigation. Historic documentation (e.g., information on past environmental practices, environmental records, USARC operational changes, unit and equipment changes, chemical/substance inventories and storage, current as-built drawings, etc.) and facility personnel knowledge regarding chemicals used or stored on the Site and the quantities stored, was often limited or non-existent. Therefore, statements regarding storage of chemicals or presence of hazardous substances reflect best available data and are not warranted for either completeness or accuracy over the history of the facility.

In preparing this report, FMSM was required to review previous documents from other sources (collectively referred to herein as the Prior Reports). The Prior Reports may present findings regarding the abatement or remediation of known concerns at the time of their preparation or within the limit of the project scope of work. The Prior Reports may include statements or opinions of the original authors of the Prior Reports as to the satisfactory completion of work. FMSM notes that environmental laws and regulations, including abatement or remedial action levels, are periodically reviewed and updated by the various regulatory agencies and may have changed since the respective dates of the Prior Reports.

FMSM has summarized Prior Reports in fulfilling the prescribed scope of work for the project. This summarization may include statements or opinions as to the satisfactory completion of work. These statements or opinions are those of the original report authors. FMSM neither warrants nor certifies the accuracy or completeness of these statements. The summarization of previous documents has not reviewed or updated those conclusions with regards to actions from the time of that document to date, current regulatory agency abatement, or remedial standards. Rather, this summary provides the original author's conclusions at the time the report was prepared. Evaluation of the completeness of previous documents or statements of abatement or remediation is beyond the current scope of service included in this contract.

A limited site reconnaissance was performed to visually identify materials or conditions representing recognized adverse environmental conditions. Identification of hidden conditions, observation of the effects of activities or incidents occurring after completion of the reconnaissance, buried conditions, conditions obscured by dense foliage, conditions beneath buildings, other structures, or covered by building/paving materials, or conditions otherwise obscured, is beyond the scope of this work. The conditions described in this report are valid only for the time that the observations were made. Some conditions may change with time.

The findings and conclusions contained in this report are based in part on the information available at the time of the study. The findings and conclusions should be considered not as scientific certainties, but as probabilities based on professional judgment of the significance of the limited data gathered in the course of the site evaluation, interviews and literature review. If additional or corrected information becomes available, FMSM requests the opportunity to review/modify conclusions, as warranted.

10.0 REFERENCES

PERSONS CONTACTED

- Mr. Ben Dunn, JM Waller Associates, Contractor for 81st Regional Readiness Command, Area 3 Environmental Manager, (334) 268-6859, 2 August 2006
- Ms. Karen White, JM Waller Associates, Contractor for 81st Regional Readiness Command, NEPA Coordinator, Deputy Chief of Staff, Installation Management, Birmingham, Alabama, 3 August 2006
- SFC Clark D. Pinyan, Title X (AGR), Detachment 2 (BIDS), 4-108th CM Bn, 3rd Bde (CS), 108th Div (IT) (Facility Manager), Faith Wing USARC, (256) 848-9512, 2 August 2006 and 13 September 2006
- Ms. Lisa Holstein, U.S. Army Garrison / Transition Force Environmental Office, Fort McClellan, Alabama, (256) 848-7455, 2 August 2006
- Mr. John A. Cassell, Logistics Manager, Camber Corporation, and employee at Fort McClellan for approximately 25 years, (256) 231-9284, 29 August 2006
- Lt. Charles Carden, Anniston Fire and Rescue Station 3, telephone correspondence, 10 August 2006
- Miki Schneider, Director of Planning, McClellan Joint Powers Authority, telephone correspondence, 7 September 2006

RESOURCES CONSULTED

- Aerial Photographs provided by EDR dated 1972, 1981, and 1992.
- Aerial Photograph available from USGS through TerraServer dated 1998.
- EDR Report – The EDR Report in Appendix E includes a comprehensive list of the Federal, State, Local, Tribal and Proprietary databases that were queried.
- Alabama Cooperative Extension System - Radon Information at: http://www.aces.edu/crd/radon/county_map.htm
- History of Fort McClellan and access to previous environmental reports at: <http://www.mcclellan.army.mil/documents>
- History of WAC at Faith Wing at: <http://www.army.mil/cmh-pg/books/wac/index.htm>

- National Wild and Scenic Rivers, <http://www.nps.gov/rivers/wildriverslist.html#oh>
- Alabama Coastal Area Management program , available from <http://www.adem.state.al.us/fieldops/coastal/coastal.htm> and <http://coastalmanagement.noaa.gov/mystate/al.html>
- USEPA Map of Radon Zones, <http://www.epa.gov/radon/zonemap.html>
- FEMA Flood Hazard Insurance Map, available from <http://msc.fema.gov/webapp/wcs/stores/servlet/CategoryDisplay?catalogId=10001&storeId=10001&categoryId=12001&langId=-1&userType=G&type=1&dfirmCatId=12009>

- Osbourne, W. Edward and Szabo, Michael W., 1984, *Stratigraphy and Structure of the Jacksonville Fault, Calhoun County, Alabama*, Geological Survey of Alabama Circular 117

- Federal Regulatory Databases
 - National Priorities List (NPL), 19 April 2006
 - Proposed NPL Sites, 19 April 2006
 - Delisted NPL Sites, 19 April 2006
 - Federal Superfund Liens (NPL Liens), 15 October 1991
 - Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS), 1 February 2006
 - CERCLIS No Further Remedial Action Planned Sites (NFRAP), 1 February 2006
 - Resource Conservation and Recovery Information System (RCRIS) Corrective Action Sites (CORRACTS), 15 March 2006
 - Resource Conservation and Recovery Act Information (RCRA), 9 March 2006
 - Emergency Response Notification System (ERNS), 31 December 2005
 - Engineering Controls Sites List (US ENG CONTROLS), 21 March 2006
 - Listing of Brownfields Sites, 26 April 2006
 - Superfund Consent Decrees, 14 December 2004
 - Records of Decision (ROD), 13 April 2006
 - Department of Defense Sites, 31 December 2004
 - Uranium Mill Tailings Sites, 4 November 2005
 - Open Dump Inventory (ODI), 30 June 1985
 - Toxic Chemical Release Inventory System (TRIS), 31 December 2003
 - Toxic Substances Control Act (TSCA), 31 December 2002

- FIFRA/TSCA Tracking System, 29 March 2006
- FTTS INSP, 31 March 2006
- Section 7 Tracking Systems (SSTS), 31 December 2004
- Integrated Compliance Information System (ICIS), 13 February 2006
- PCB Activity Database System (PADS), 27 December 2005
- Material Licensing Tracking System (MLTS), 12 April 2006
- Mines Master Index File (MINES), 9 February 2006
- Facility Index System/Facility Registry System (FINDS), 27 April 2006
- RCRA Administrative Action Tracking System (RAATS), 17 April 1995
- Biennial Reporting System (BRS), 31 December 2003
- State and Local Regulatory Databases
 - Hazardous Substance Cleanup Fund (SHWS), 10 April 2006
 - Licensed Solid Waste Facilities, 1 August 2005
 - Recycling/Recovered materials Processors Directory, 1 September 2003
 - Leaking Underground Storage Tank Listing, 27 March 2006
 - Underground Storage Tank File, 17 April 2006
 - Area of Concern, 13 August 2001
 - SPILLS – Emergency Response Database, 16 May 2006
 - Aboveground Storage Tank (AST) Sites, 17 April 2006
 - AST Release Incidents, 1 May 2006
 - Sites with Institutional Controls, 3 March 2005
 - Voluntary Cleanup Program Sites, 5 April 2006
 - Brownfields Inventory, 3 March 2005

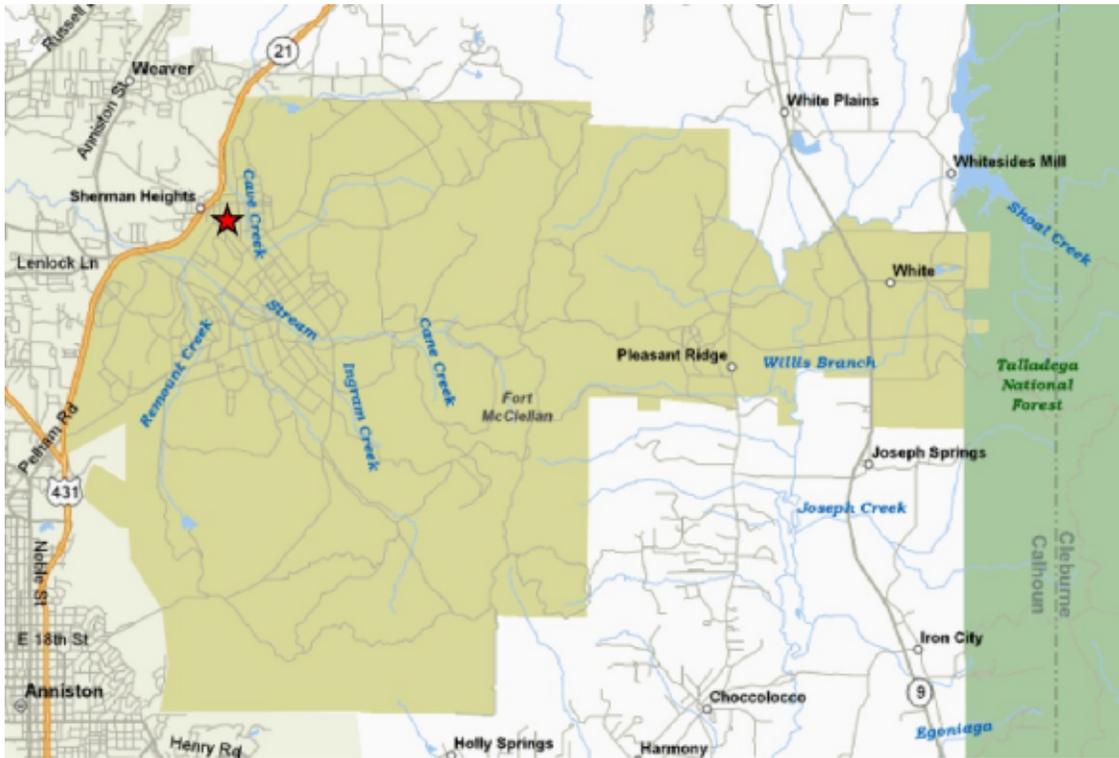
- Clandestine Methamphetamine Lab Sites, 14 February 2005
- Tier 2 Data Listing, 5 April 2006
- Tribal Records
 - Indian Reservations, 31 December 2004

AGENCIES CONTACTED

- Letters of inquiry to the ADEM and the Alabama Department of Public Health
- City of Anniston Fire and Rescue

APPENDIX A

FIGURES



↑
N
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Not To Scale



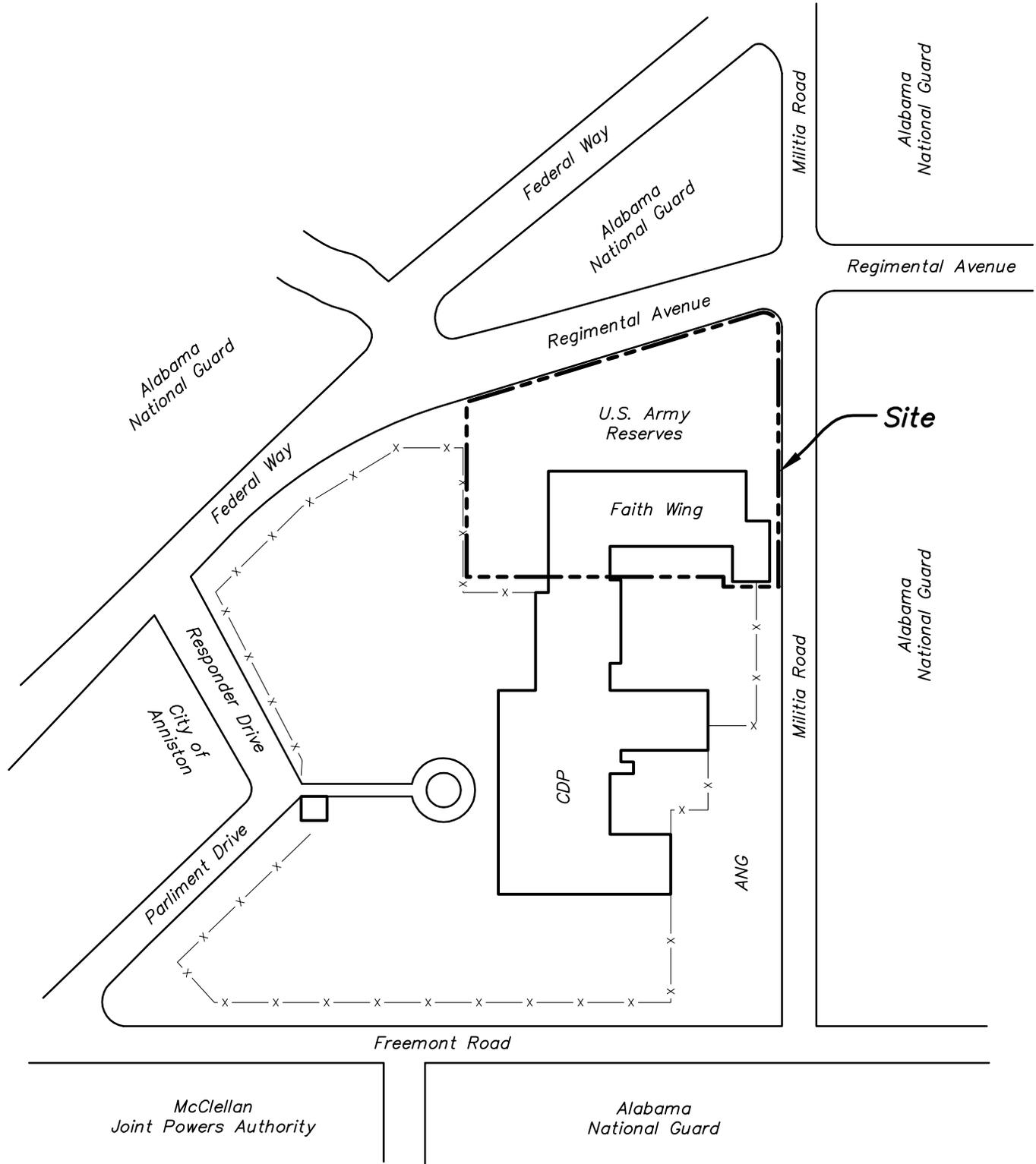
LY2006036-BRAC ECPs \AL079 \AL079\Faith Wing-GenLoc.Dwg



FIGURE 1
GENERAL SITE LOCATION MAP
AL079 FAITH WING USARC
215 Regimental Avenue
Fort McClellan, Calhoun County, Alabama



Not To Scale

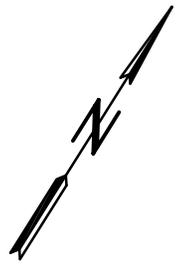


Adapted from figure provided by
US Army Reserve 81st RRC

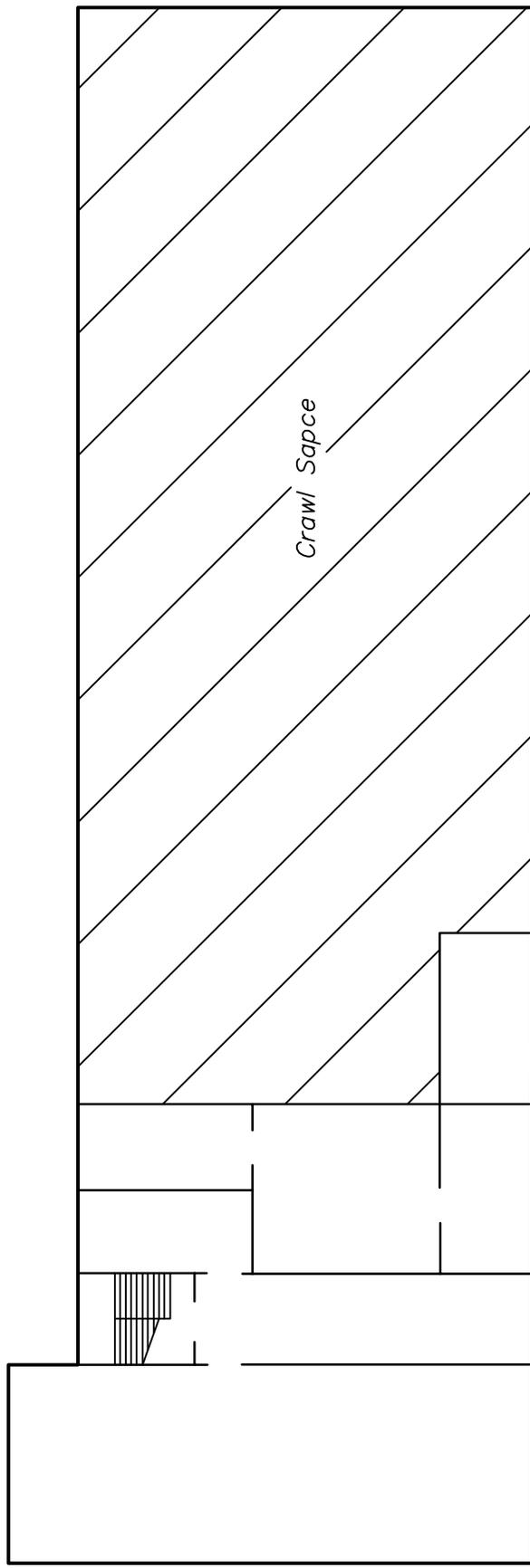
L:\2006038\AL079\Faith Wing - Site.dwg



FIGURE 2
PLAN VIEW LAYOUT OF SITE
AL079 FAITH WING USARC
215 Regimental Avenue
Fort McClellan, Calhoun County, Alabama



Not To Scale



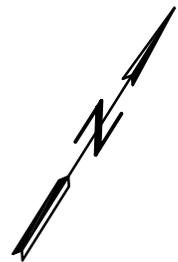
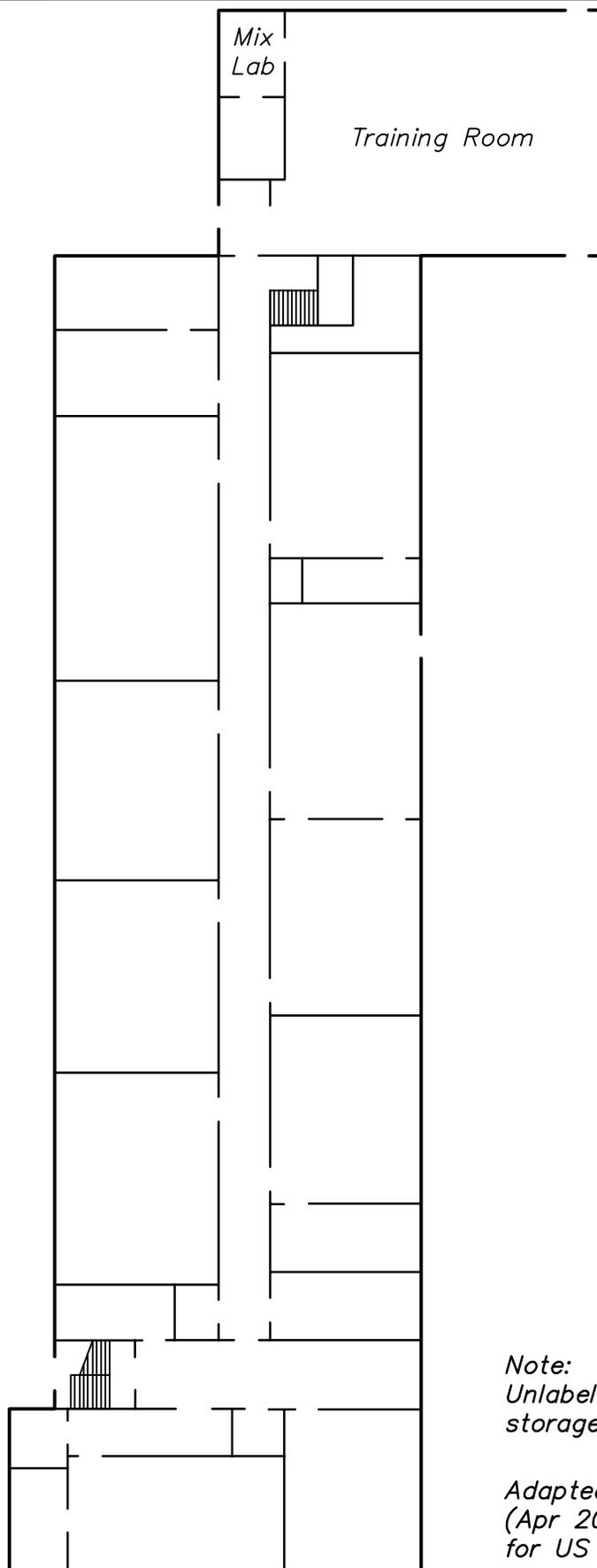
Note:
Unlabeled rooms are
storage or classrooms.

Adapted from previous
LBP Report (Apr 2005)
prepared by EEG, Inc. for
US Army Reserve 81st RRC

L:\20060538-brac\AL079-Ft. McClellan\AL079FaithWing-Basement.Dwg



FIGURE 3
INTERIOR LAYOUT, BASEMENT-CRAWL SPACE
AL079 FAITH WING USARC
215 Regimental Avenue
Fort McClellan, Calhoun County, Alabama



Not To Scale

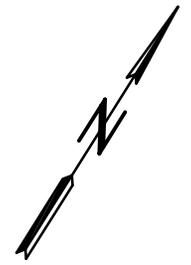
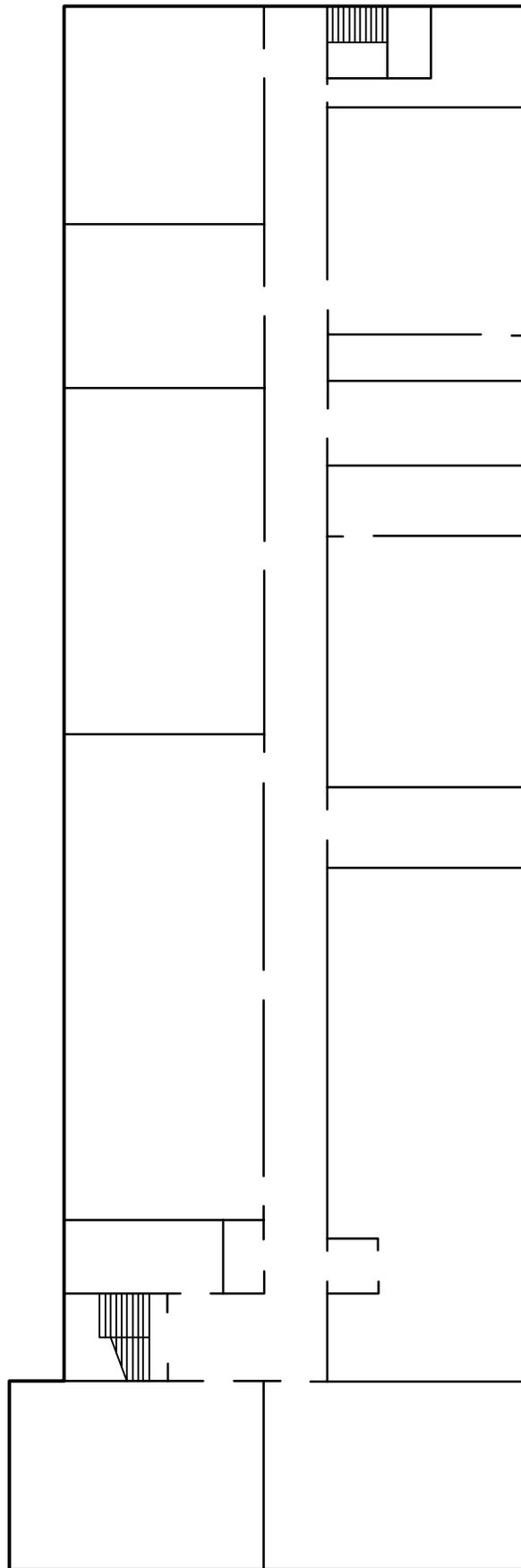
*Note:
Unlabeled rooms are offices,
storage or classrooms.*

*Adapted from previous LBP Report
(Apr 2005) prepared by EEG, Inc.
for US Army Reserve 81st RRC*

L:\2006038-brac\AL079-Ft McClellan\AL079FaithWing-Bldg1.Dwg



FIGURE 4
INTERIOR LAYOUT, FIRST FLOOR
AL079 FAITH WING USARC
215 Regimental Avenue
Fort McClellan, Calhoun County, Alabama



Not To Scale

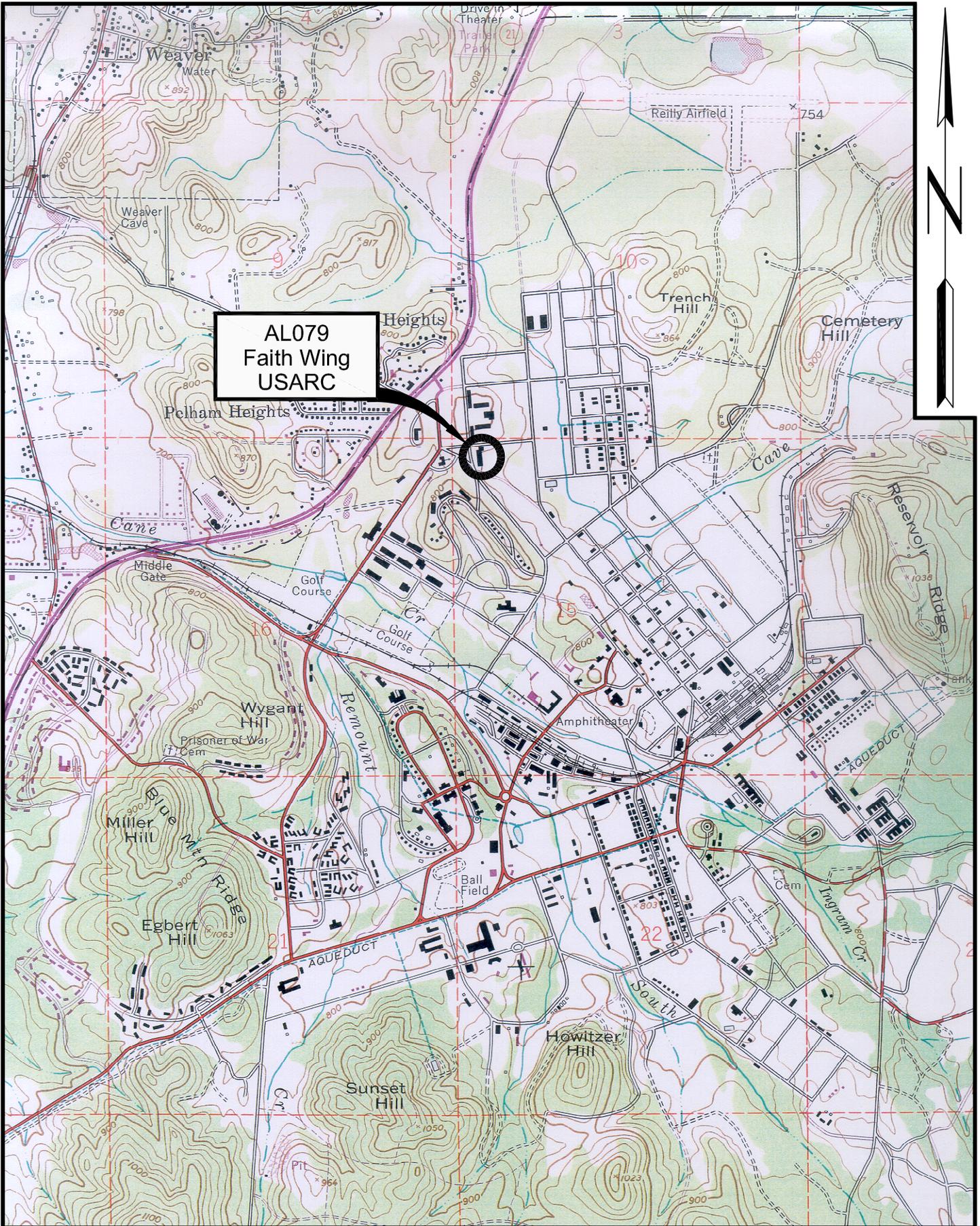
*Note:
Second floor includes
offices and classrooms.*

*Adapted from previous
LBP Report (Apr 2005)
prepared by EEG, Inc. for
US Army Reserve 81st RRC*

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FIGURE 5
INTERIOR LAYOUT, SECOND FLOOR
AL079 FAITH WING USARC
215 Regimental Avenue
Fort McClellan, Calhoun County, Alabama



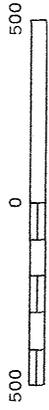
AL079
Faith Wing
USARC

FIGURE 6
1972 USGS TOPOGRAPHIC MAP, ANNISTON, ALABAMA
AL079 FAITH WING USARC
215 Regimental Avenue
Fort McClellan, Calhoun County, Alabama





APPROXIMATE SCALE IN FEET



NATIONAL FLOOD INSURANCE PROGRAM

FIRM FLOOD INSURANCE RATE MAP

CALHOUN COUNTY,
ALABAMA
(UNINCORPORATED AREAS)

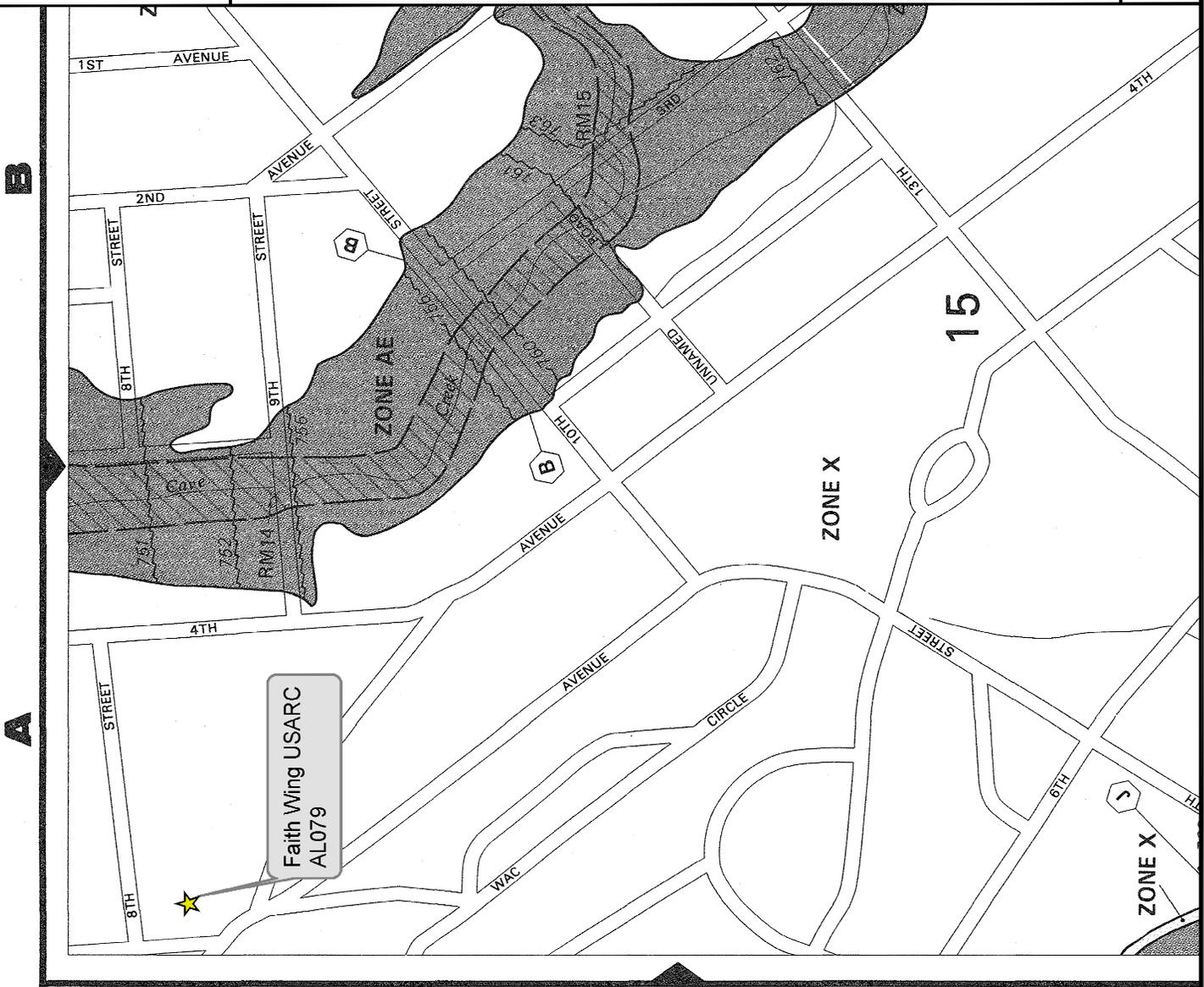
PANEL 168 OF 306
(SEE MAP INDEX FOR PANELS NOT PRINTED)

COMMUNITY—PANEL NUMBER:
010013 0168 C
MAP REVISED:
FEBRUARY 3, 1993



Federal Emergency Management Agency

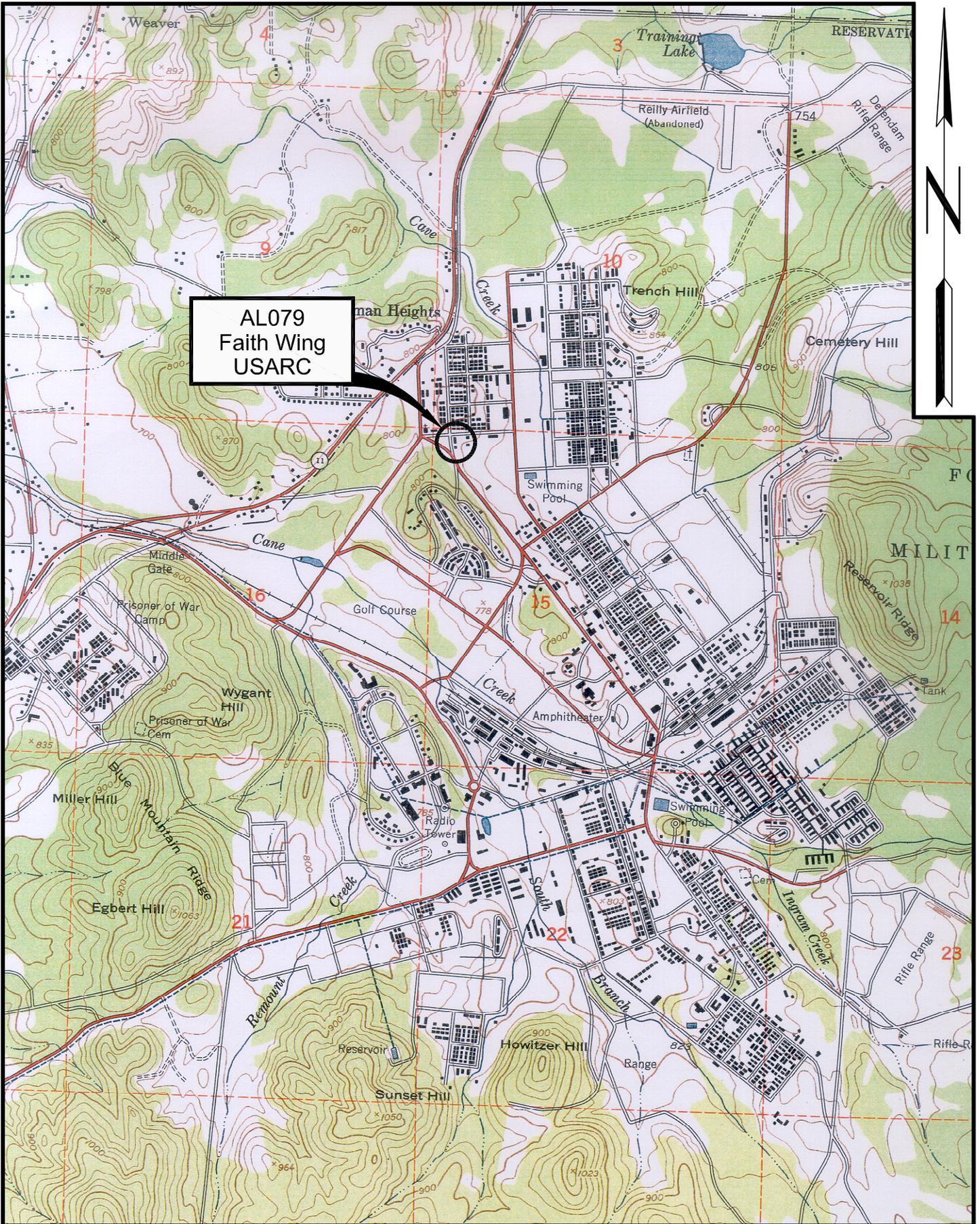
This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov



Faith Wing USARC
AL079



FIGURE 7
FLOOD INSURANCE RATE MAP
AL079 FAITH WING USARC
215 Regimental Avenue
Fort McClellan, Calhoun County, Alabama

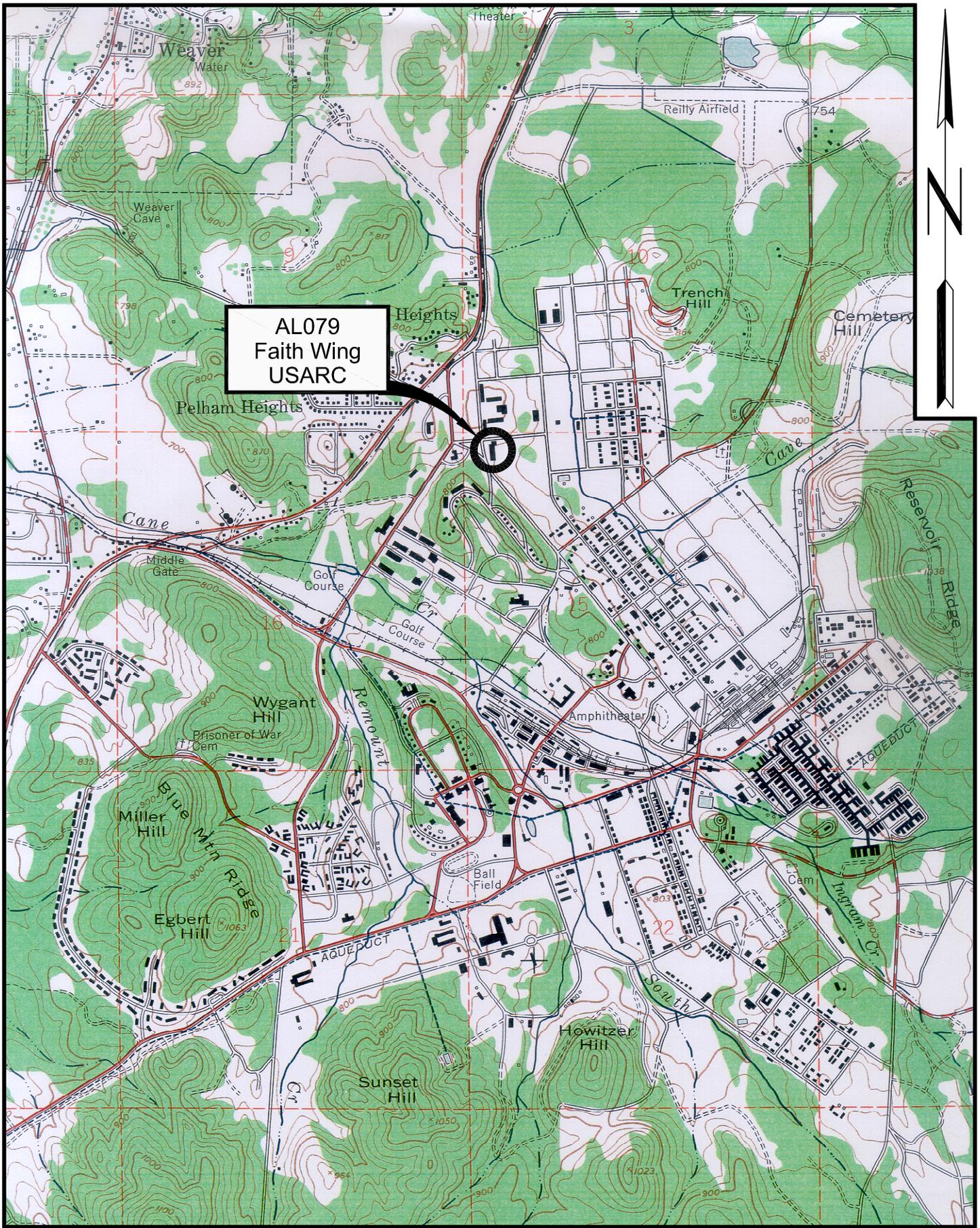


AL079
Faith Wing
USARC

FIGURE 8
1947 USGS TOPOGRAPHIC MAP, ANNISTON, ALABAMA
AL079 FAITH WING USARC
215 Regimental Avenue
Fort McClellan, Calhoun County, Alabama



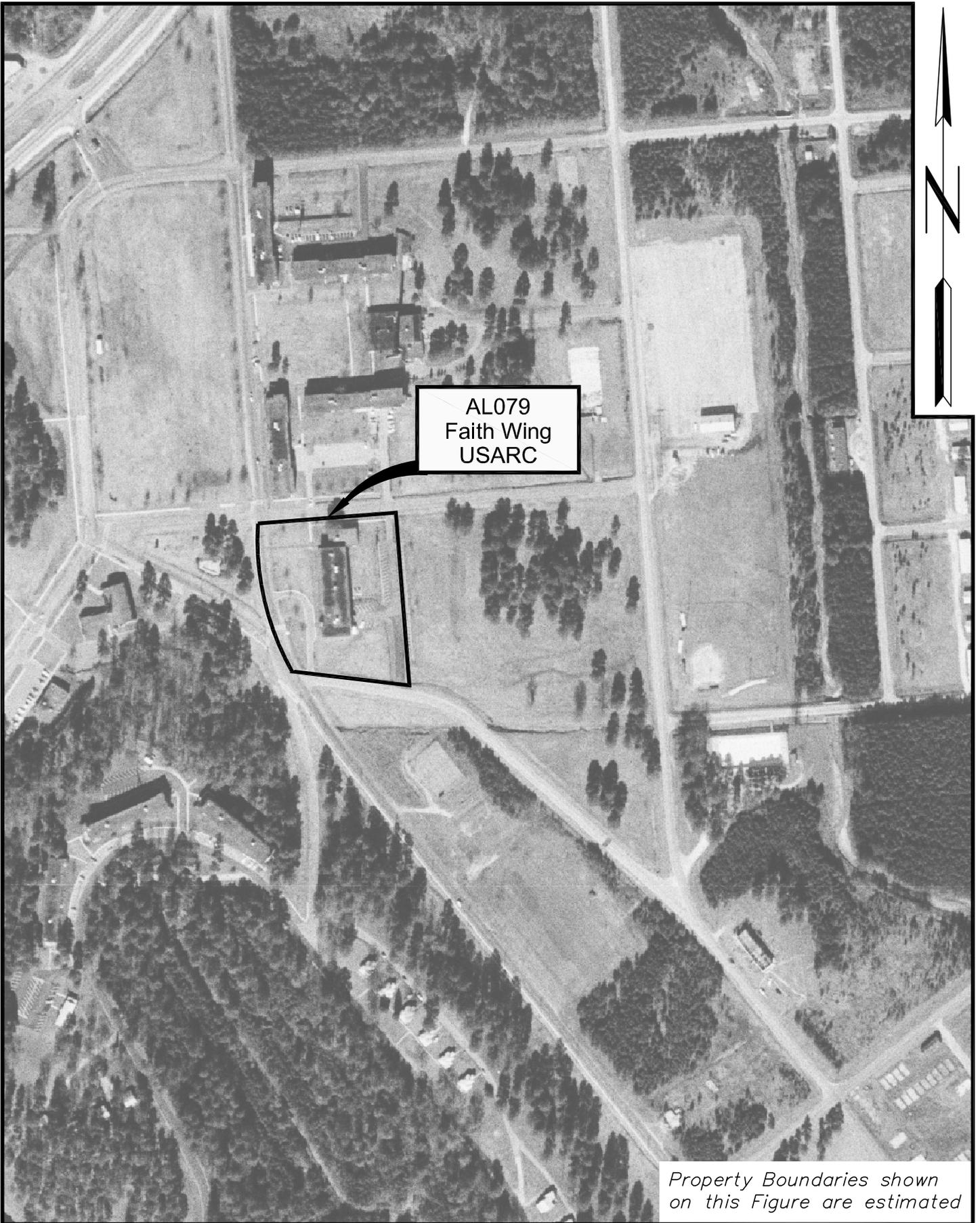
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AL079
Faith Wing
USARC

FIGURE 9
1956 USGS TOPOGRAPHIC MAP, ANNISTON, ALABAMA
AL079 FAITH WING USARC
215 Regimental Avenue
Fort McClellan, Calhoun County, Alabama





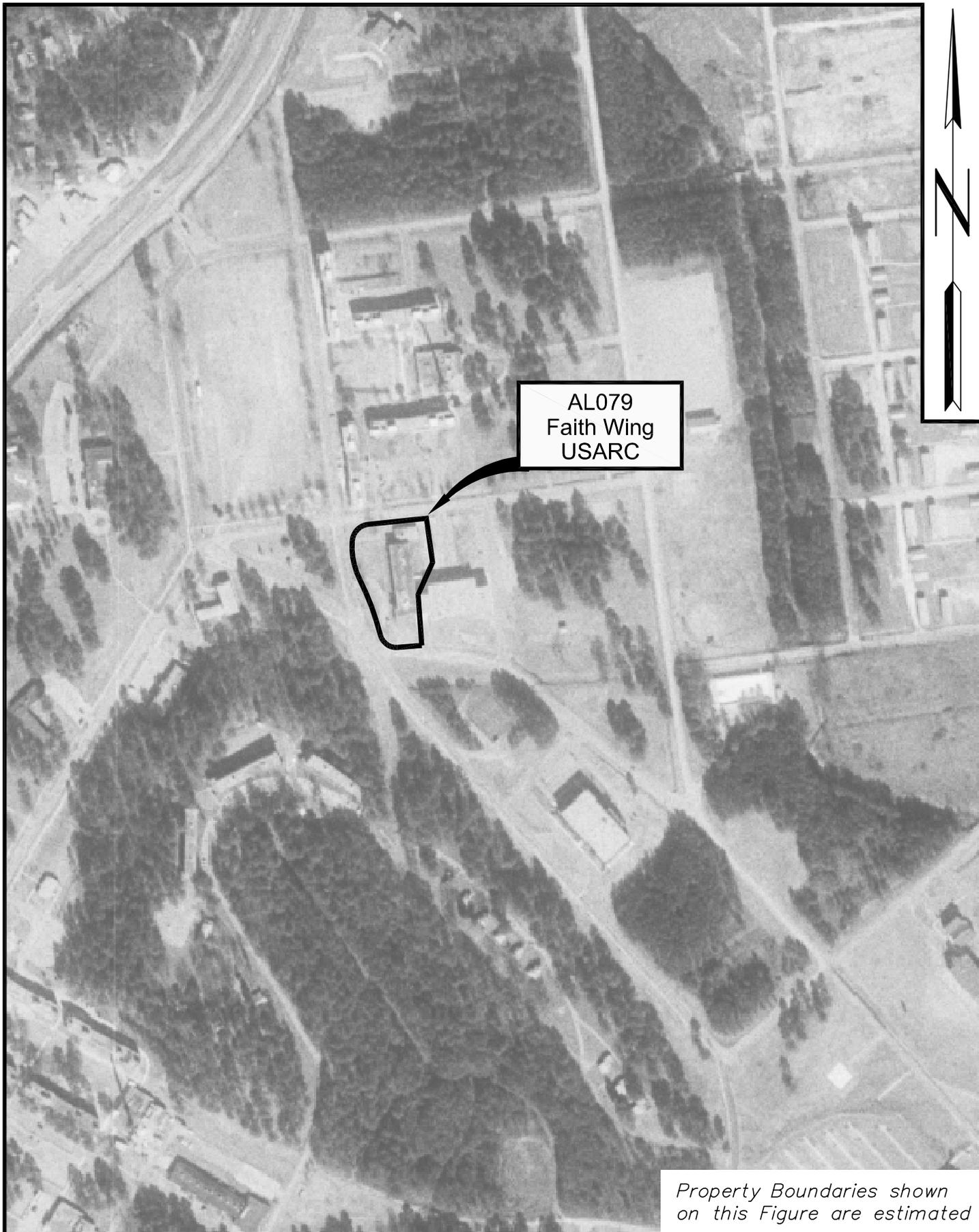
AL079
Faith Wing
USARC

*Property Boundaries shown
on this Figure are estimated*

L:\20060338\AL079\Faith Wing\Aerial\1972.Dwg



FIGURE 10
1972 AERIAL PHOTOGRAPH
AL079 FAITH WING USARC
215 Regimental Avenue
Fort McClellan, Calhoun County, Alabama



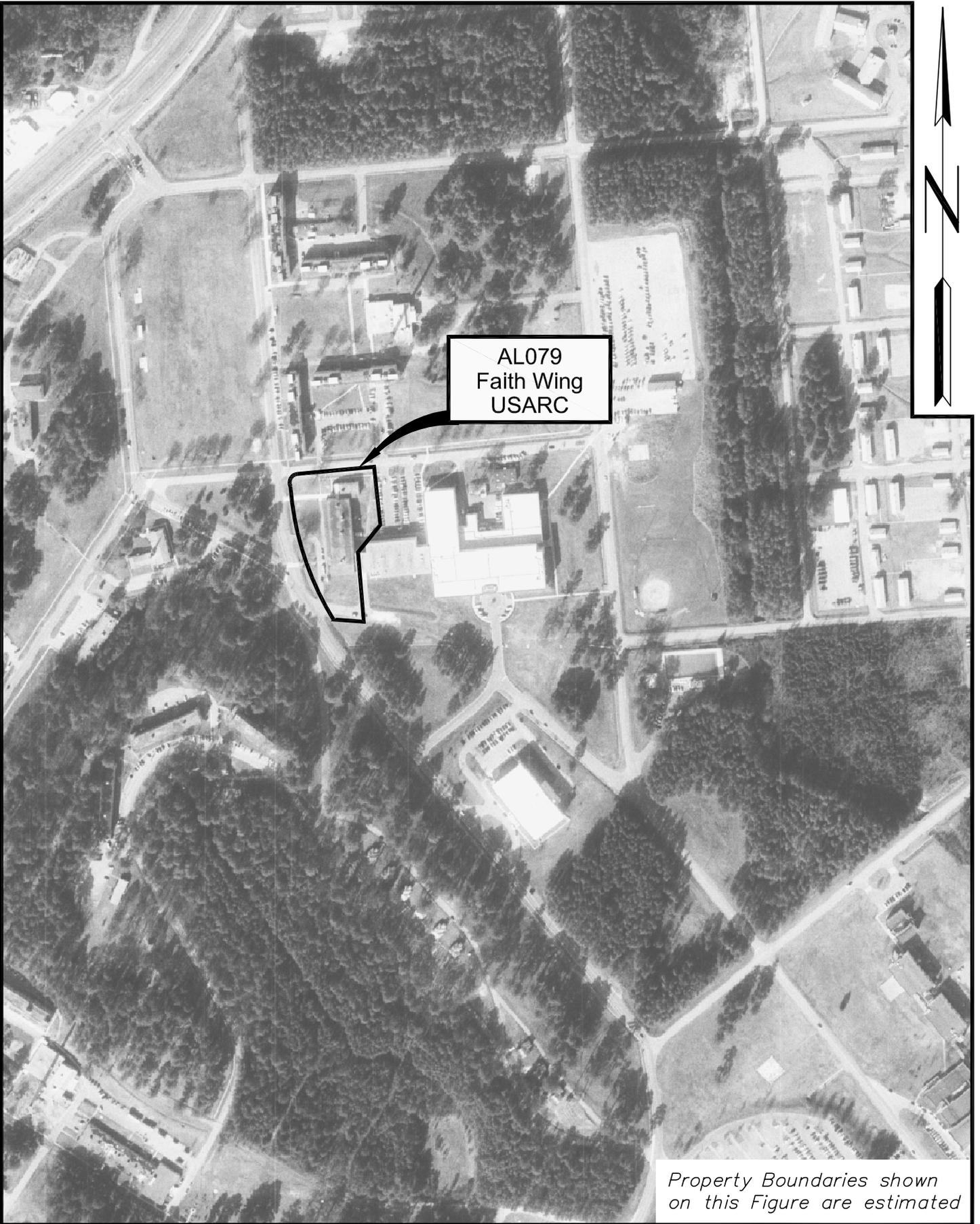
AL079
Faith Wing
USARC

*Property Boundaries shown
on this Figure are estimated*

L:\2006038\AL079\Faith Wing Aerial 1981.Dwg



FIGURE 11
1981 AERIAL PHOTOGRAPH
AL079 FAITH WING USARC
215 Regimental Avenue
Fort McClellan, Calhoun County, Alabama



AL079
Faith Wing
USARC

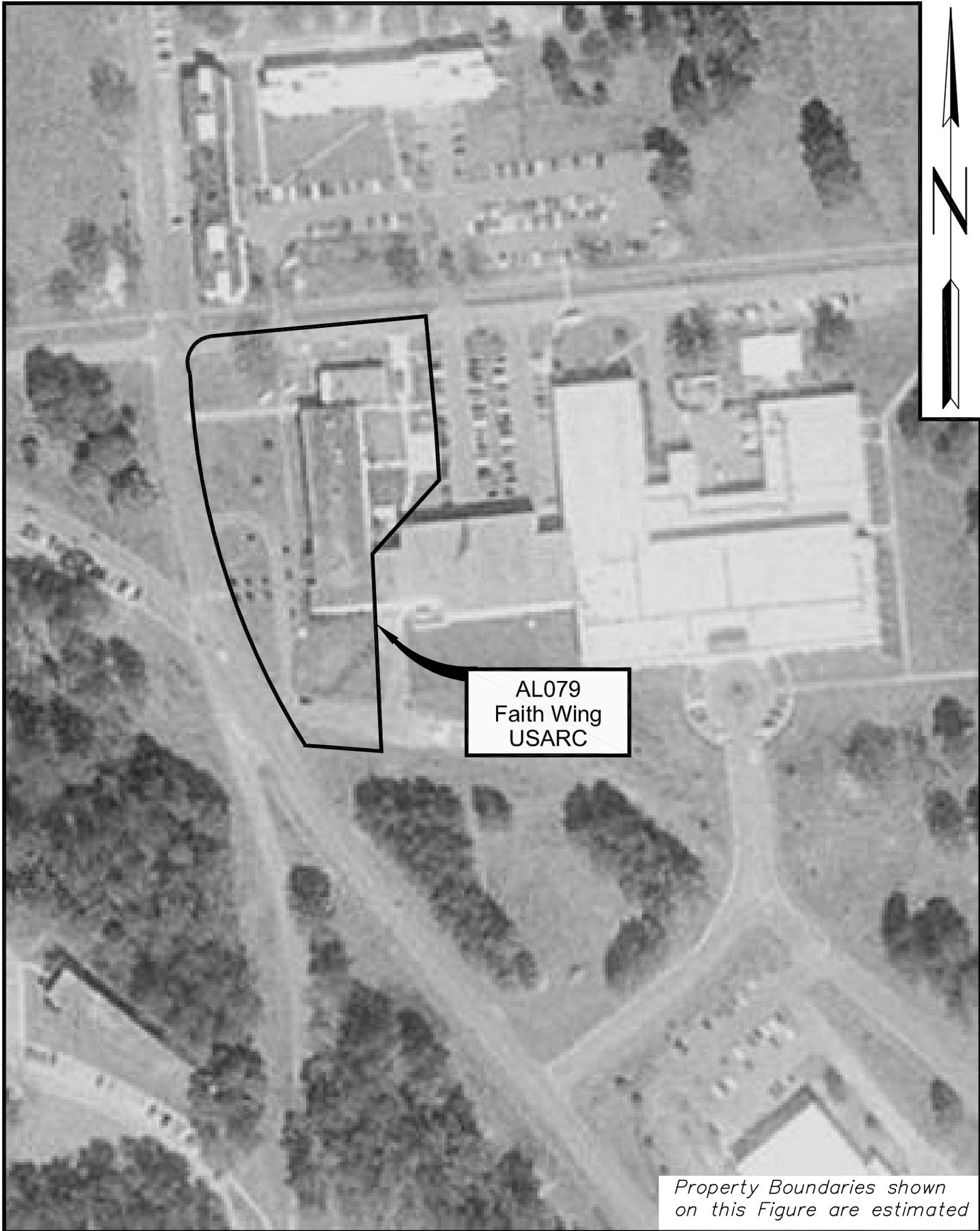


*Property Boundaries shown
on this Figure are estimated*

LV2006038 \AL079\FaithWingAerial1992.Dwg



FIGURE 12
1992 AERIAL PHOTOGRAPH
AL079 FAITH WING USARC
215 Regimental Avenue
Fort McClellan, Calhoun County, Alabama



AL079
Faith Wing
USARC

*Property Boundaries shown
on this Figure are estimated*

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FIGURE 13
1998 AERIAL PHOTOGRAPH
AL079 FAITH WING USARC
215 Regimental Avenue
Fort McClellan, Calhoun County, Alabama



★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

⚡ Manufactured Gas Plants

☒ National Priority List Sites

☑ Landfill Sites

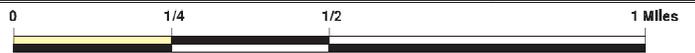
☒ Indian Reservations BIA

⚡ Oil & Gas pipelines

▨ 100-year flood zone

▧ 500-year flood zone

☒ Areas of Concern



L:\2006038-BRAC-ECOs\AL079\FaithWing-NM.Dwg



FIGURE 14
 NATIONAL WETLANDS INVENTORY MAP
 AL079 FAITH WING USARC
 215 Regimental Avenue
 Fort McClellan, Calhoun County, Alabama

APPENDIX B

**SITE RECONNAISSANCE
PHOTOGRAPHS**



Photo 1: Exterior View of Front (west) Side of Building



Photo 2: Exterior of Front Side Showing Covered Main Entrance



Photo 3: Exterior View of North Wing from Rear (east) Side of Building



Photo 4: Exterior View of Rear (east) Building Entrance



Photo 5: Parking Area Located East of the Building



Photo 6: Interior of USAR Center Building (Typical Hallway)



Photo 7: Interior of USAR Center Building (Typical Classroom)



Photo 8: Interior of USAR Center Building (Computer Training Room)



Photo 9: Hazardous Materials Storage Unit



Photo 10: Materials Stored in HazMat Unit



Photo 11: Mix Lab Entrance



Photo 12: Mix Lab Storage of Biological Simulant, B-G



Photo 13: Storage of Various Fluids Used in Training Mission



Photo 14: Sump and Pump in Basement



Photo 15: Yard Drain Grated Inlet with Paint Stains



Photo 16: Asbestos-Containing Pipe Insulation in Basement



Photo 17: Pad-Mount Transformer on East Side of Building

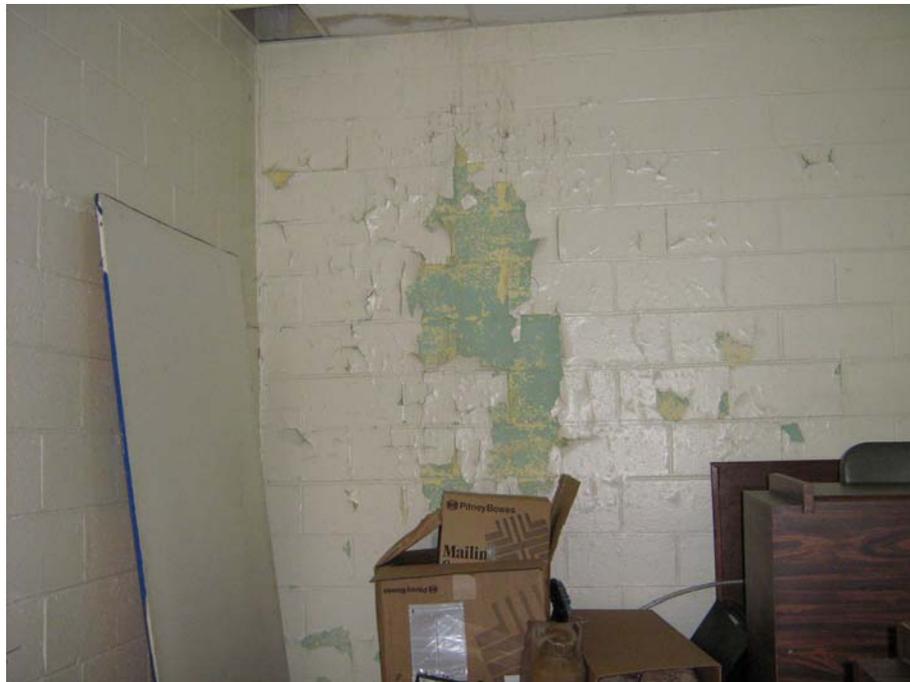


Photo 18: Severely Peeling Paint in Training Room near North Side of Building



Photo 19: Mold Growth on Ceiling Tile around Leaking Pipe (1st Floor)



Photo 20: Mold Growth on Wall (1st Floor Storage Room)

APPENDIX C

PROPERTY ACQUISITION DOCUMENTS AND CHAIN OF TITLE

TRANSFER AND ACCEPTANCE OF MILITARY REAL PROPERTY

Form Approved
OMB No. 0704-0188

PAGE 1 OF 1 PAGES

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1. FROM *(Installation/Activity/Service and Zip code)*
Site Manager, USA Transition Force, ATTN:
Realty Specialist, Fort McClellan,
Alabama 36205

2. OPERATING UNIT
3. DISTRICT CODE
4. OPERATING AGENCY
5. DATE
06 June 2001

6. JOB NUMBER
7. SERIAL NUMBER
8. CONTRACT NUMBER

9. TO *(Installation/Activity/Service and Zip code)*
Commander, 81st Regional Support Command,
ATTN: AFRC-CAL-EN
Birmingham, AL 35209-6383

10. OPERATING UNIT
11. DISTRICT CODE
12. OPERATING AGENCY
13. ACCOUNTING NUMBER
14. ACCOUNTING OFFICE NUMBER
15. TYPE OF TRANSACTION
A. NEW CONSTR.
 EXISTING FAC.
 CAPITAL IMP.
 OTHER *(Specify)*
B. BENFID
 PHYSICAL COM.
 FINAN. COM.
 OTHER *(Specify)*
16. PROJECT NUMBER

ITEM NO.	CATEGORY CODE	FACILITY <i>(Category description)</i>	NO. OF UNITS	TYPE	UNIT OF MEAS.	TOTAL QUANTITY	COST	DRAWING NUMBERS	REMARKS
17	18	19	20	21	22	23	24	25	26
1	17120 17140	TRANSFER OF BLDGS AND FACILITIES TO 81ST RSC Bldg 01081, Gen Instruction (Faith Wing Only) <i>Fac No. 000001</i>		P	SF	37,729	\$2,165,905.		Year Blt: 1952
2	41222 3070	Facility 01082, Misc Shed <i>Fac No. 000002</i>		T	SF	50	\$4,500.		Year Blt: 1985
3	85215	NOVPK-10, Non-organizational Vehicle Parking <i>Fac No. 000003</i>		P	SY	695	\$1,285.		Year Blt: 1973
4	85220	WALKS-10, Sidewalks <i>Fac No. 50010</i>		P	SY	893	\$6,327.		Year Blt: 1973
5	91110	Land Held Purchase <i>Fac No. Land 1</i>		P	AC	2.17	\$40.77		Year Acquired: 1917

27. STATEMENT OF COMPLETION: The facilities listed hereon are in accordance with maps, drawings, and specifications and change orders approved by the authorized representative of the using agency except for the deficiencies listed on the reverse side.

28. ACCEPTED BY *(Signature)*

DATE

TRANSFERRED BY *(Signature)*
GLYNN D. RYAN
(Area Engr./Base Engr./DPW/O)
Site Manager, Transition Force, Ft. McClellan, AL

DATE
06 June 2001

(Post Engr./Base Ck. Engr./Night Reg.)
VICKI J. MCNUTT, Real Property Officer,
81st Regional Support Command, ODCSENGR

29. PROPERTY TOUCHER NUMBER
701-094



The EDR Environmental Lien Search Report

**FAITH WING USARC
215 REGIMENTAL AVE
FT. MCCLELLAN, ALABAMA**

Wednesday, August 30, 2006

Project Number: L06-4555

The Standard In Environmental Risk Management Information

**440 Wheelers Farm Road
Milford, Connecticut 06460**

Nationwide Customer Service

**Telephone: 1-800-352-0050
Fax: 1-800-231-6802**

ENVIRONMENTAL LIEN REPORT

The EDR Environmental Lien Search Report is intended to assist in the search for environmental liens filed in land title records.

TARGET PROPERTY INFORMATION

ADDRESS

**FAITH WING USARC
215 REGIMENTAL AVE
FT. MCCLELLAN, ALABAMA**

DEED INFORMATION

Title is vested in: The United States of America. The subject property is a portion (2.17 acres) of Fort McClellan. The United States of America initially acquired title to the subject property including additional lands in 1917. The property comprising Fort McClellan was obtained from hundreds of individual property owners.

LEGAL DESCRIPTION

Description: Being that parcel or tract of land, consisting of 2.17 acres out of Fort McClellan, situated and lying in Calhoun County, State of Alabama

ENVIRONMENTAL LIEN

Environmental Lien: **Found** **Not Found**

1st Party:

2nd Party:

Recorded:

Book:

Page:

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AULs: **Found** **Not Found**

Note: It is known that environmental studies have been previously conducted at Fort McClellan. However, no environmental liens or activity and use limitations appear to have been filed of record at the Calhoun County Judge of Probate Office for the subject property.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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2055 East Rio Salado Parkway, Suite 201
Tempe, Arizona 85281
Phone: (480) 967-6752
Fax Number: (480) 966-9422
Web Site: www.netronline.com

HISTORICAL CHAIN OF TITLE REPORT

**FAITH WING USARC
215 REGIMENTAL AVE
FT. MCCLELLAN, ALABAMA**

Submitted to:

**ENVIRONMENTAL DATA RESOURCES, INC.
C/O
FMSM ENGINEERS, INC.
1901 Nelson Miller Parkway
Louisville, Kentucky 40223
(502) 212-5000**

Attention: Robert Newman

Project No. N06-5249

Wednesday, August 30, 2006

NETR- Real Estate Research & Information hereby submits the following ASTM historical chain-of-title to the land described below, subject to the leases/miscellaneous shown in Section 2. Title to the estate or interest covered by this report appears to be vested in:

UNITED STATES OF AMERICA

The following is the current property legal description:

Being that parcel or tract of land, consisting of 2.17 acres out of Fort McClellan, situated and lying in Calhoun County, State of Alabama.

1. HISTORICAL CHAIN OF TITLE

1. The United States of America is the current owner of the subject property. The subject property is a portion (2.17 acres) of Fort McClellan. The United States of America initially acquired title to the subject property including additional lands in 1917. The property was obtained from hundreds of individual property owners. It was not possible to determine the exact grantor for the subject parcel on the information we were provided.

2. LEASES AND MISCELLANEOUS

1. It is known that environmental studies have been previously conducted at Fort McClellan. However, we did not find any institutional controls or engineering controls filed of record at the Calhoun County Judge of Probate Office for the subject property.

3. LIMITATION

This report was prepared for the use of Environmental Data Resources, Inc., and FMSM Engineers, Inc., exclusively. This report is neither a guarantee of title, a commitment to insure, or a policy of title insurance. NETR- Real Estate Research & Information does not guarantee nor include any warranty of any kind whether expressed or implied, about the validity of all information included in this report since this information is retrieved as it is recorded from the various agencies that make it available. The total liability is limited to the fee paid for this report.

APPENDIX D

PREVIOUS ENVIRONMENTAL SITE ASSESSMENT REPORTS

- 1998 Asbestos Survey Report
- 2001 ECP Report
- 2002 Air Quality Report
- 2002 Pesticide Application Memorandum
- 2005 Asbestos Inspection Report
- 2005 LBP Inspection Report
- 2006 Radon Monitoring Results
- 2006 Asbestos Inspection Report

FAITH
WING

**ASBESTOS CONTAINING BUILDING MATERIALS SURVEY
GENERAL INSTRUCTION
BUILDING 1081**

FORT McCLELLAN, ALABAMA

**U.S. ARMY CONTRACT NO. DABT02-96-D-0005
DELIVERY ORDER 0005**

Prepared For:

**DIRECTORATE OF ENVIRONMENT
FORT McCLELLAN**


**APPROVED FOR TRANSMITTAL BY
JOSEPH L. HILLERICH**

Conducted and Prepared by:

REISZ ENGINEERING

June, 1998

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- APPENDIX A - REPORT OF LABORATORY ANALYSIS
- APPENDIX B - SUMMARY TABLE OF ACM
- APPENDIX C - SAMPLE LOCATIONS PLANS
- APPENDIX D - SELECTED ACM LOCATIONS PLANS (None)

1.0 PURPOSE AND SCOPE OF SERVICES

The purpose of this survey was to locate and identify asbestos containing building materials at Building 1081 located at Fort McClellan, Alabama. Pursuant to the Contract, REISZ Engineering was required to provide the survey in accordance with AHERA (40 CFR Part 763 Subpart E) protocol. AHERA is applicable to interior building products installed prior to October 12, 1988. AHERA does not apply to the exterior of buildings and does not apply to non-building materials (e.g. cabinetry, special equipment and chalkboards). REISZ Engineering has included as part of the survey those readily accessible, suspect friable interior non-building materials (e.g. vibration dampers); but has not included certain items (e.g. interior linings of equipment and special supplies, some non-friables such as transite, ect.). Exterior building materials were not sampled as part of this contract unless those materials were suspected to be of friable nature and continuous with indoor materials (e.g. piping insulation). Specifically, REISZ Engineering was contracted to provide the following services:

1. Identify and collect samples of accessible suspect friable building materials within the referenced project area.
2. Perform a visual inspection to provide information on material condition, material quantities, material locations, and building use.
3. Analysis of all bulk samples for asbestos content utilizing Polarized Light Microscopy and Dispersion Staining Techniques performed in accordance with EPA Bulk Analysis Method EPA 600/M4-82-020.
4. Make recommendations as to response actions pertaining to those materials identified as asbestos containing.
5. Compilation of a final report (contained herein) which details all sample results, identifies sample locations, and provides recommendations based upon the results.
6. Preparation of a Building specific Operations & Maintenance (O&M) Plan for buildings containing friable asbestos materials.

2.0 REGULATORY STANDARDS

The National Emissions Standards for Hazardous Air Pollutants (NESHAP) requires the Owner or Operator of a facility to determine the presence or non-presence of asbestos containing materials prior to conducting renovation or demolition activities. The NESHAP Standard for asbestos (40CFR Part 61 Sub-part M) requires the use of engineered control procedures for removal of asbestos materials that are or will become friable during renovation or demolition. The removal must occur before renovation or demolition activities impact those materials.

On October 11, 1994 an OSHA promulgated regulation (29 CFR Part 1926.1101) became effective. This Standard is related to asbestos exposure in construction, renovation and building maintenance work places. Building owners are required, pursuant to the Standard, to notify employees, tenants and prospective employers (contractors) of the presence, location and quantities of ACM in the building. Implementation of the "communication of hazards" provisions in the Standard were originally to be not later than April 10, 1995 but was extended to July 10, 1995 and is now in effect. The OSHA Standard does not apply to work performed by employees of State agencies in states without state run OSHA programs (e. g. Alabama).

In October 1986, the Asbestos Hazard Emergency Response Act (AHERA) was signed into law. Included in this act are provisions directing E.P.A. to establish rules and regulations (40CFR Part 763) addressing asbestos-containing materials in schools. Specifically, the E.P.A. was directed to address the issues of: 1) identifying, 2) evaluating, and 3) controlling asbestos containing materials (ACM) in schools. AHERA requires schools to perform building inspections and to prepare management plans for ACM control. Although the AHERA regulation does not specifically apply to this project it is generally accepted as the industry standard and was cited by Fort McClellan in the Asbestos Survey Request as the basis of survey methodology. The AHERA inspections must be conducted using specific guidelines which include a minimum number of samples per material type. This survey was conducted in accordance with those guidelines per the Contract requirements.

On November 28, 1992 a law became effective which extended the EPA's Model Accreditation Plan to all public and commercial buildings. Currently the rule extends the accreditation requirements of persons performing asbestos work (inspectors, project designers, abatement supervisors, and workers) in public and commercial buildings, but does not extend the other aspects of AHERA. This project was conducted utilizing EPA accredited personnel.

3.0 PROJECT CHARACTERISTICS

During the month of November 1997, Reisz Engineering accredited asbestos inspectors performed inspections of Building 1081 for the purpose of identifying building materials suspected to contain asbestos. This building is a multi-use facility which is comprised of 2 floors and a partial basement containing approximately 232,864 sq. ft. of floor space. Based on information provided by Fort McClellan representatives, our observations, and tests results, it appears that the entire structure was built in 1941.

4.0 SURVEY METHODOLOGY

The building was visually inspected for the presence of material suspected to contain asbestos. Those suspect materials were identified, bulk samples were obtained and placed into individual vials for transportation to the University of Alabama in Huntsville. General areas for sample locations were selected on a random basis with a preference for exact positioning at existing damage. Each sample location is represented by a number on the plans in Appendix C. Those numbers directly correspond with the numbers listed elsewhere in this report.

If any additional suspect materials are identified during renovation or demolition they should be analyzed for asbestos content. Materials visibly identifiable as non-asbestos

(fiberglass, foam rubber, wood, etc.) were not sampled. Materials installed after October 12, 1988 (as reported by Fort McClellan staff) were not sampled.

Hazard Assessment Factors

Each time suspect ACM was sampled, it was classified as either a friable or a non-friable material. Friable material may be crumbled, pulverized, or reduced to powder by hand pressure. Friable ACM is more hazardous than non-friable ACM because friable material can release airborne asbestos fibers more easily. In assessing the fiber release potential, the current condition of all ACM identified was noted. Evidence of deterioration, physical damage, water damage, erosion of ACM due to its' proximity to an air plenum, high vibration, or contact potential was also noted.

5.0 LABORATORY ANALYSIS METHODOLOGY

All bulk samples were analyzed at UAH by polarized light microscopy utilizing dispersion staining or Becke line techniques, in accordance with the EPA's "Interim Method for Determination of Asbestos in Bulk Insulation Samples" (EPA 600/m4-82-020). Quality control samples were taken as duplicates at a rate of 1 to 20 and were sent to a second accredited laboratory. This type of analysis requires the microscopist to take a portion of the bulk sample and treat it with an oil of specific refractive index. This prepared slide is then subjected to a variety of optical tests.

Each type of asbestos displays unique characteristics when subjected to these tests. Percentages of the identified types of asbestos are determined by visual estimation. Even though this is an estimation, any material that contains greater than one percent of any type of fibrous asbestos is considered ACM and must be handled according to OSHA and EPA regulations if disturbed during maintenance, renovation, demolition or removal.

The UAH laboratory participates in the American Industrial Hygiene Association (AIHA) quality assurance program for polarized light microscopy and is accredited by the AIHA through their voluntary program.

6.0 SUSPECT MATERIALS

The following is a general list of building materials that were suspected to contain asbestos. A complete and more detailed description of these substances can be found in Appendix B.

Surfacing

- None

Thermal System Insulation

- Brown paper type insulation

Miscellaneous Material

- Transite like material

7.0 ASBESTOS INSPECTION AND SAMPLING RESULTS

A total of ten bulk samples were collected and analyzed. Details of all laboratory results can be found in Appendix A. A listing of all suspect materials, their corresponding sample numbers, general location, and asbestos content are indicated in Appendix B. A narrative description of all "Friable Asbestos Containing Material" and "Non-Friable ACM" identified during the survey, is given below.

FRIABLE ACM

Laboratory analysis determined asbestos is present in the brown paper pipe insulation.

NON FRIABLE ACM

A non-friable ACM's was identified by laboratory testing on the cooling tower which had a transit: like material attached to the tower.

8.0 CONCLUSIONS AND RECOMMENDATIONS

None of the materials identified within this report are damaged to the extent that significant asbestos fiber release is likely under normal conditions. However, some of the asbestos containing materials, are subject to routine maintenance activities that could involve significant disturbance. Those materials include the pipe fitting insulations and ceiling tiles. Based upon the aforementioned conditions no action is recommended at this time. Reisz Engineering has written a Building Operations & Maintenance Plan for Building 1081 and we suggest that recommendations included in this plan be followed.

9.0 ASSUMPTIONS AND LIMITATIONS

The results, findings, conclusions and recommendations expressed in this report are based only on conditions which were observed during the inspections of Building 1081 during November 1997. Reisz Engineering and this report make no representation or assumptions as to past conditions or future occurrences.

Our inspection was generally non-destructive in nature. Any conditions or material which were not visible on the surface were not inspected and may differ from those observed. It was not within the scope of this investigation to remove surface materials to investigate portions of the structure or materials which lay beneath the surface. Our selection of sample

locations and frequency is based upon our observations and the assumption that all materials in the same area are homogeneous.

This report is designed to aid the building owner, architect, construction manager, general contractors, and potential asbestos abatement contractors in locating ACM. Under no circumstances is this report to be utilized as a bidding document or as a project specification document.

APPENDIX A

REPORT OF LABORATORY ANALYSIS FOR ASBESTOS

UAH

The University of Alabama in Huntsville

Environmental Laboratory
Kenneth E. Johnson Research Center

Huntsville, Alabama 35899
Phone: (205) 890-6391
Fax: (205) 890-6376

Re : Bulk Asbestos Analysis
EPA 600/R-93/116

Receipt Date : 11-06-97

AIHA: 023601

Sample Date : 09/30/97 through 10/02/97

Client: Reitz Engineering
Building 32 Suite A2
3322 Memorial Parkway South
Huntsville, AL 35801

Microscopist : Tom Carrington

Sample/Description	Asbestos Fibers (%)				Non-Asbestos Material (%)				
	Chry	Amos	Croc	Othr	Cell	Fbgl	MW	CaSO4	Othr
B 1081-01 / Transit, like, material on Cooling Tower				20	10				70
B 1081-02 / Mud on 4" pipe TSI-elbow							40		60
B1081-03 / Brown Paper (Aircell) type Insulation					85				15
B1081-04 Hard Insulation at Elbow							60		40
B 1081-05 / Old Type Ceiling Tile, (paste on)						80			20
B1081-06 / Brown Paper (Aircell) type Insulation				12	78				10
B 1081-07 Brown Paper (Aircell) type Insulation					90				10
B1081-08 / Brown Paper (Aircell) type Insulation					96				10
B 1081-09 / Brown Paper (Aircell) type, Insulation					96				10
B1081-10 Brown Paper (Aircell) type Insulation					85				15

Ch - Chrysotile
Amos - Amosite
Cmc - Crocidolite

Othr = Other
Cell = Cellulose

NW = Mineral Wool
Ca SO4 - Calcium Sulfate
Fbgl = Fiberglass

APPENDIX B

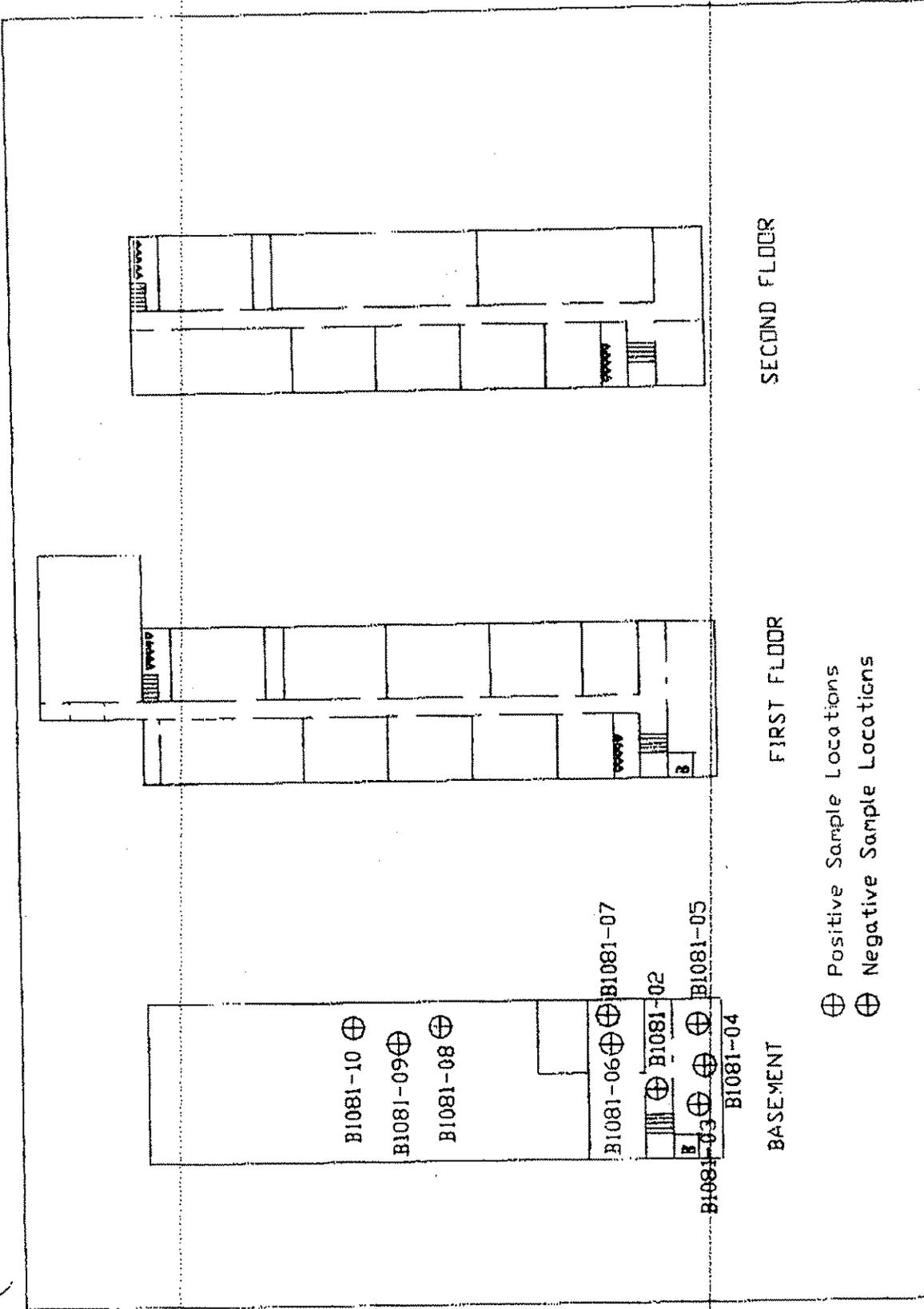
ASBESTOS CONTAINING MATERIALS

**SUMMARY TABLE
ASBESTOS CONTAINING MATERIALS
GENERAL INSTRUCTION
BUILDING 1081
FORT McCLELLAN, ALABAMA**

SAMPLE # (S)	Description of Materials	General Location of Material	Quantity (approx.)
B1081-01	Transite like material	Cooling Tower	12 pieces 10' X 4' each
B1081-06	Brown paper insulation	Storage area in basement	2 pipes 300 lnr ft (total)

APPENDIX C

SAMPLE LOCATIONS PLANS

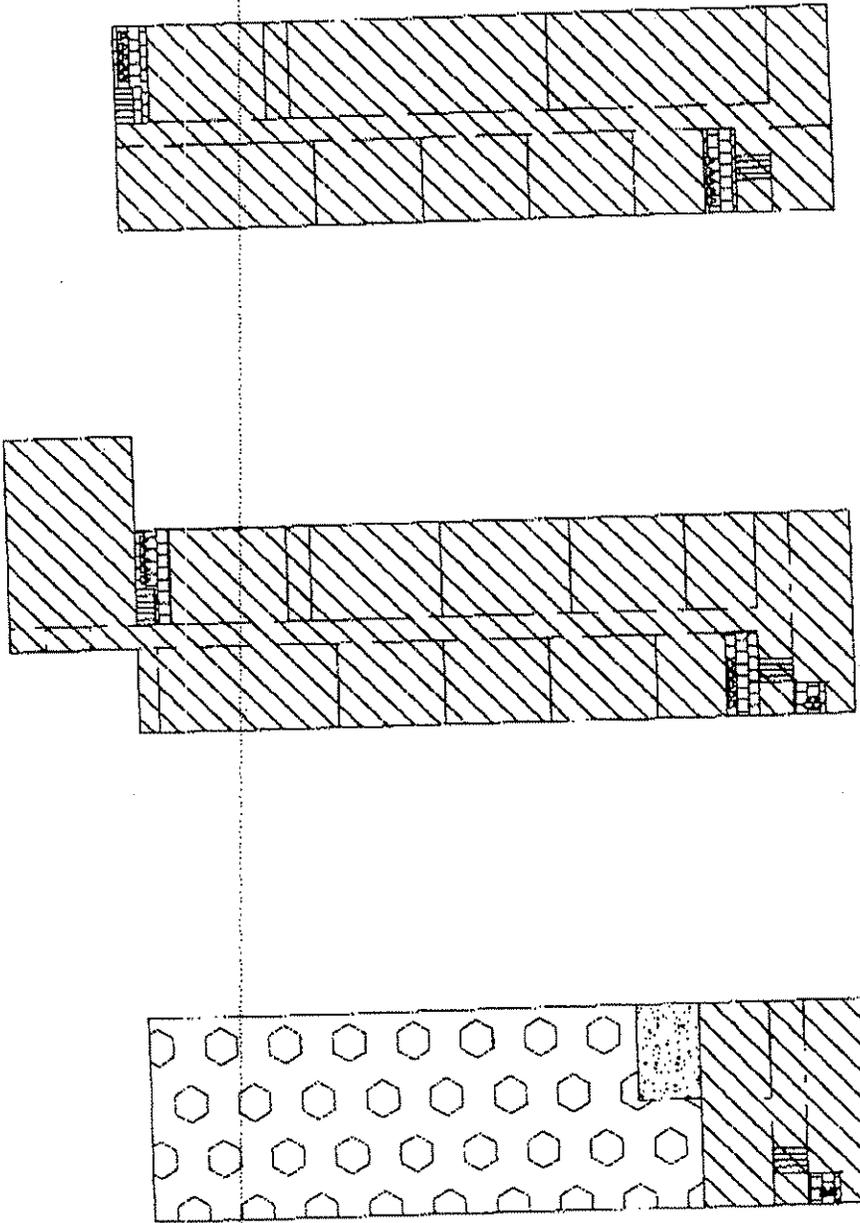


⊕ Positive Sample Locations
 ⊖ Negative Sample Locations

BUILDING: 1081	ASBESTOS SURVEY DABT02-96-D-0005 FM705	REISZ ENGINEERING
----------------	--	--------------------------

APPENDIX D

SELECTED ACM LOCATION PLANS



SECOND FLOOR

FIRST FLOOR

BASEMENT

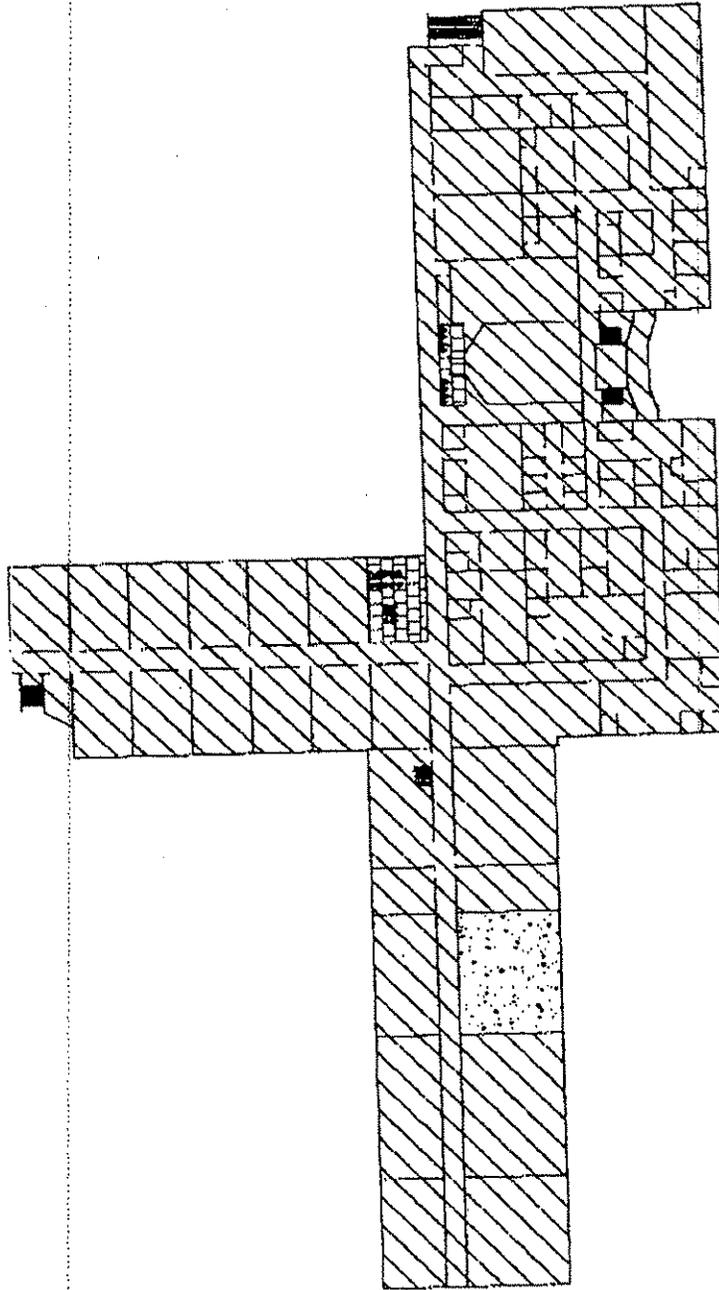
-  Mechanical Room (Cement Floor)
-  Crawl Space

-  12 X 12 Floor Tile
-  Ceramic Floor Tile

REISZ ENGINEERING

ASBESTOS SURVEY
DABT02-96-D-0005
FM735

BUILDING: 1081



 12 x 12 Floor Tile
 Ceramic Floor Tile

 Ceramic Floor Tile

SCALE: 1"=70'

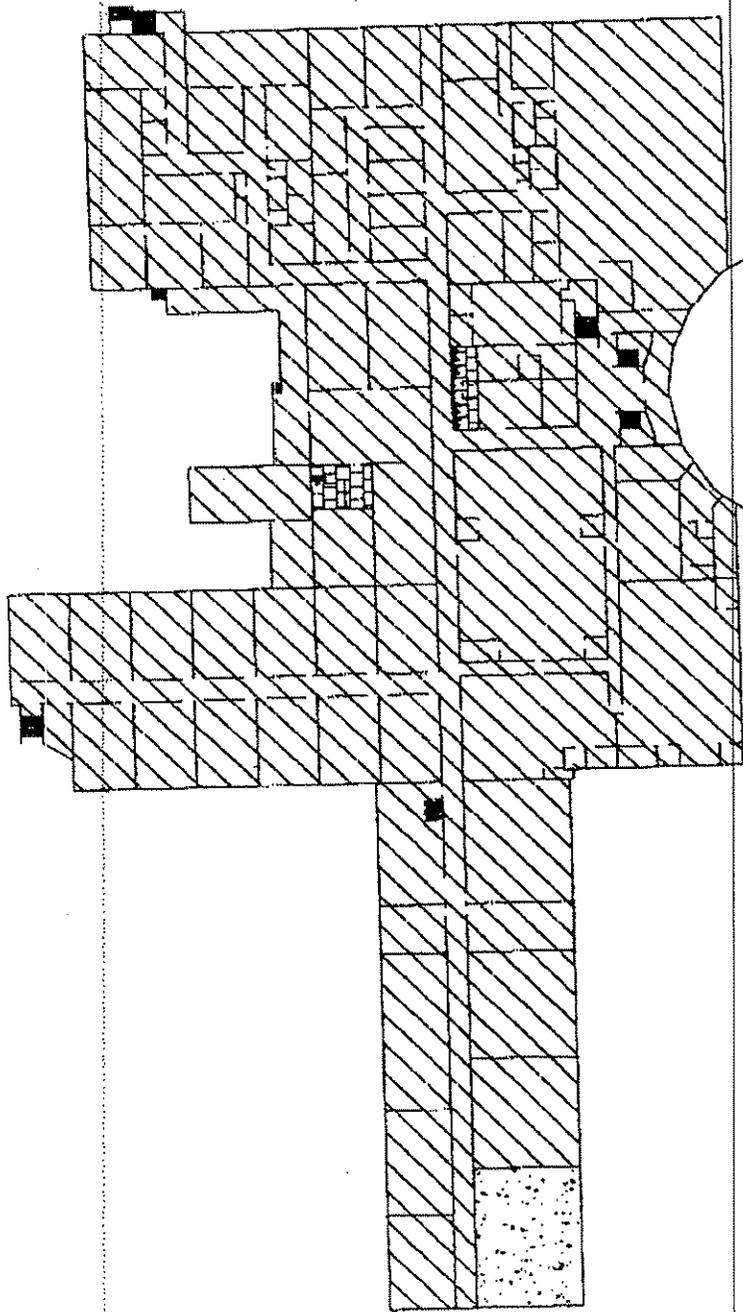
FIGURE 2

ASBESTOS SURVEY
 DABT02-96-D-0005
 FM705

FIGURE 1: FIRST FLOOR
 FIGURE 2: SECOND FLOOR
 FIGURE 3: WEST WING (FF)
 FIGURE 4: WEST WING (SF)

BUILDING: 1081

REISZ ENGINEERING



 12 x 12 Floor Tile
 Ceramic Floor Tile

 Ceramic Floor Tile

REISZ ENGINEERING

ASBESTOS SURVEY
DABT02-96-D-0005
FM705

FIRST FLOOR

BUILDING: 1081



DEPARTMENT OF THE ARMY
HEADQUARTERS UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND
FORT MONROE, VIRGINIA 23651-5000

February 22, 2001

REPLY TO
ATTENTION OF:

Base Realignment
and Closure Office

Mr. Curtis Straub, Director
Office of State and Local Domestic
Preparedness Support
Office of Justice Programs
810 7th Street, NW
Washington, D.C. 20531

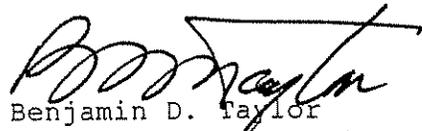
Dear Mr. Straub:

This letter forwards the final, signed Environmental Condition of Property (ECOP) (enclosure) supporting the transfer of 64.27 acres and facilities to the Department of Justice (DOJ) for support of the domestic preparedness mission at Fort McClellan, Alabama. DOJ's receipt of the ECOP triggers conditions outlined in Exhibit C, para 16 (c) of the Permit between Department of Army and Department of Justice, Office of Justice Programs (OJP) executed August 18, 1999.

Para 16 (c) of Permit states, "Following the completion of the ECOP for the facility that demonstrates to the satisfaction of OJP that there have been no releases from the Chemical Defense Training Facility, OJP will be responsible for any spills or releases of chemical agent, pollutants, contaminants (or any other chemical of concern) that occurs as a result of OJP's operations." Permit also indicates that Army's liabilities stated in sentences (a) and (b) of para 16 (c) of permit terminate at the end of the thirty day period following OJP's receipt of the completed ECOP. The thirty day period commences on March 1, 2001.

If you have further questions, please contact me at (757) 788-4350.

Sincerely,


Benjamin D. Taylor
Director, Base Realignment
and Closure Office

Enclosure

Copies Furnished:

Assistant Chief of Staff for Installation Management, ATTN: DAIM-BO
Commander, U.S. Army Engineer District, Mobile, Corps of Engineers,
ATTN: CESAM-RE-MD
U.S. Army Garrison/Transition Force, ATTN: ATZN-HQ
Director, Center for Domestic Preparedness



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

REPLY TO
ATTENTION OF

6 June 2001

ATZN-HQ

MEMORANDUM FOR Commander, 81st Regional Support Command, ATTN: AFRC-CAL-EN, 255 West Oxmoor Road, Birmingham, Alabama 35209-6383

SUBJECT: Transfer of Faith Wing of Building 1081, Facility 1082 and Underlying Land to 81st Regional Support Command

1. Enclosed for your signature is the DD Form 1354 transferring accountability of the Faith Wing from Fort McClellan, Alabama to your command. The DD Form 1354 specifically transfers the Faith Wing of Building 1081, Facility number 1082 plus 2.17 acres of underlying land. We have also enclosed (encl 2) a map identifying the transferred area.
2. Request you complete Blocks 28 and 29 of the DD Form 1354 and return the original document to the Real Property Section, ATTN: Realty Specialist, as soon as possible.
3. The points of contact for this action are Mrs. Susie Prater, Realty Specialist, or Mr. Jeff St.Cyr, Realty Assistant, commercial telephone, (256) 848-6177/6151.

GLYNN D. RYAN
Site Manager

Encls

US ARMY GARRISON
TRANSITION FORCE

LISA Holstein

256-848-7455

lisa.holstein@us.army.mil

www.mcclellan.army.mil

Administrative Record

6200
+
071
Nora
Phill

FINAL

**ENVIRONMENTAL CONDITION OF PROPERTY
(ECOP)**

**DEPARTMENT OF JUSTICE
CENTER FOR DOMESTIC PREPAREDNESS
FORT MCCLELLAN, CALHOUN COUNTY, ALABAMA**

JANUARY 2001

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4. Department of Justice, Area F1.3, Site Map
5. Department of Justice, Areas F1.5 and F1.6, Site Map

Attachments

Attachment 1 - Environmental Protection Provisions

Attachment 2 - Underground Storage Tank Closure Reports

Attachment 3 - Asbestos Containing Materials Survey Reports

Attachment 4 - Radiological Close-Out Survey Report and NRC License Amendment and Termination Letters

Attachment 5 - Air Permit

Attachment 6 - CFC/Halon Survey, Risk Assessment and Equipment Conversion /Replacement Report

LIST OF ACRONYMS

ACM	Asbestos Containing Material
ADEM	Alabama Department of Environmental Management
AST	Aboveground Storage Tank
CDTF	Chemical Defense Training Facility
CERFA	Community Environmental Response Facilitation Act
CFC	Chlorofluorocarbons
DOD	Department of Defense
DOJ	Department of Justice
CWM	Chemical Warfare Materiel
EBS	Environmental Baseline Survey
ECOP	Environmental Condition of Property
EE/CA	Engineering Evaluation/Cost Analysis
EPA	Environmental Protection Agency
FMC	Fort McClellan
GB	Sarin
OE	Ordnance and Explosives
PCB	Polychlorinated Biphenyl
TPH	Total Petroleum Hydrocarbons
UST	Underground Storage Tank

ENVIRONMENTAL CONDITION OF PROPERTY (ECOP)

Department of Justice, Center for Domestic Preparedness
Fort McClellan, Calhoun County, Alabama
January 2001

1.0 PURPOSE

The purpose of this Environmental Condition of Property (ECOP) is to document the environmentally related findings and conditions for approximately 64.27 acres of land with 18 facilities (hereafter referred to as the Property) at the U.S. Army Garrison, Fort McClellan (FMC), Alabama. The Property will be transferred from U.S. Army control to the control of another federal agency, the Department of Justice (DOJ), for continued operation of the Center for Domestic Preparedness and other uses as determined by DOJ. The property and its facilities have been permitted to the DOJ for same use since September 1999. The ECOP identifies use restrictions, as specified in the attached Environmental Protection Provisions, necessary to protect human health or the environment.

2.0 PROPERTY DESCRIPTION

Fort McClellan is located in Calhoun County in the foothills of the Appalachian Mountains in northeast Alabama (Figure 1). The property proposed for transfer is currently permitted to the DOJ and is located in the north portion of the Main Post of FMC (Figure 2) and consists of approximately 64.27 acres with 18 facilities summarized in Table 1. The Property is divided into four geographical areas: F1.1, F1.3, F1.5, and F1.6 as shown on Figures 3 through 5.

Area F1.1. Approximately 12.29 acres with one building; Building 1081, General Instruction Building (less Faith Wing), is defined on the north by 8th Street, on the east by 4th Avenue, and on the west and southwest by 5th Avenue (Figure 3).

Building 1081, General Instruction Building was home for the U.S. Army Chemical School that conducted nuclear, biological, and chemical training. The original portion of Building 1081 (known as the Faith Hall) was constructed in 1954 and will be retained by the U.S. Army for use by the USAR. The remainder of the building is to be transferred to DOJ and consists of the Academic Facility added in 1977 and the final phase of the Academic Facility (known as Sibert Hall) completed in 1989.

Area F1.3. The Chemical Defense Training Facility (CDTF) measures approximately 37.18 acres with 8 facilities, is located on the north-central portion of the Main Post of FMC (Figure 4). The Complex was built in 1985 and began operation in 1987. The facility is in a fenced high-security area and is currently operated by the DOJ.

Buildings comprising the CDTF Complex include Buildings 4479 through 4485, and 4487. Building 4479, a Utility Building also known as the Filter Pad Building, is a plant/utility facility; Building 4480, the Access Control Facility is a guardhouse. Building 4481, Limited Use Instruction Building, is an administrative building and for instructional lectures and mask fitting. Building 4482 is a training building that was designed to train up to 10,000 military personnel per year in toxic chemical agent decontamination procedures. The building contains seven chemical agent training bays where chemical warfare material is used. A Refuse/Garbage Building also known as the Incinerator Building, Building 4483 began operation in 1987 and contains the incinerator, pyrolyzer, and autoclave. Building 4484, Hazardous Material Storage Installation, is an operation and maintenance facility. A Water Storage Tank, Building 4485, is east of the fenced compound. Building 4487 is a bus stop shelter.

Four aboveground storage tanks (ASTs) are located at the CDTF site. Three of the ASTs were located within a concrete berm southwest of Building 4484. However, one of the ASTs, a 4,000-gallon tank that previously held sulfuric acid, has been empty since 1988, and was moved to store diesel fuel on the East Side of Building 4482. Sulfuric acid is no longer used at the CDTF. The second AST is a 4,000-gallon tank that currently holds a sodium hydroxide solution and the third AST is a 20,000-gallon wastewater tank. The wastewater tank contains liquid decontamination wastes generated in the training building. The fourth AST, located northwest of Building 4484, is an empty 40,000-gallon fuel oil tank and was used to supply fuel to the Incinerator between 1986 and 1990 before the CDTF switched to natural gas.

One 5,000-gallon heating oil underground storage tank (UST) was previously located northeast of Building 4482. The tank was removed in 1998.

An unnamed road branching off 10th Street leading to the CDTF facility is a portion of Area F1.3.

Area F1.5. Area F1.5 measures approximately 3.14 acres with three facilities, is located at the corner of 20th Street and 3rd Avenue (Figure 5). The buildings include the Storage Group Installation Building, Building 303, an Underground Storage Tank, Facility 303F, and the Load and Unload Dock Ramp, Facility 304. Building 303 was built in 1942 as a Central Issue Facility for issuing individual military equipment to soldiers.

One 3,000-gallon heating oil UST, Facility 303F, is located on the west end of Building 303. The tank was installed in 1978 and was removed and replaced with a 3,000-gallon tank in 1996.

Area F1.6. Area F1.6 measures approximately 11.66 acres with six buildings, is located at the junction of 6th Street and 21st Street (Figure 5). Buildings 942 and 947, Company Headquarters Buildings, and Buildings 943, 944, 945, and 946, Transient Unaccompanied Personnel Housing, were all constructed in 1988 and were in use until closure of the installation in September 1999. The buildings were constructed on a property that was previously the Old Hospital area [EBS Parcel 95(7)].

3.0 ENVIRONMENTAL CONDITION OF THE PROPERTY

A determination of the environmental condition of the property was made based on the review of existing environmental documents, aerial photographs, recorded chain of title documents, completing associated physical and visual inspection of the parcels and the properties immediately adjacent to the transferring property, and conducting personnel interviews with FMC Real Estate Personnel. Documents reviewed included the Final Environmental Baseline Survey (EBS) and Community Environmental Response Facilitation Act (CERFA) Letter Report (January, 1998); U. S. EPA Region IV and the Alabama Department of Environmental Management's (ADEM) conditional concurrence to the CERFA Report; Final Baseline Environmental Investigation Report, Chemical Defense Training Facility (August 2000); Historic Context Study: World War II and Cold War Era Buildings and Structures (May, 2000); Asbestos Containing Material Survey Report (1998); Commodity Site Survey Report (March 2000); Final Survey Report Radiological Laboratories, Building 1081 and Alpha Field (March 2000); the Disposal and Reuse Environmental Impact Statement (August 1998) and its associated Record of Decision (June 1999); Radon Monitoring Report (December 1998); Lead-Based Paint Risk Assessment Report (1995); Underground Storage Tank Progress Report (October 1998); CFC/Halon Survey, Risk Assessment and Equipment Conversion/Replacement Report (1995); the FMC Archive Search Report (1999); Site Investigation Report, Former Ordnance Motor Repair

Area, EBS Parcels 75(7), 5(7), 6(7), 41(7), and 42(7), (July 2000); and Site Investigation Report, Old Hospital, EBS Parcel 95(7), (May 2000).

3.1 Environmental Condition of Property Categories

Table 2 summarizes the Department of Defense (DOD) Environmental Condition of Property (ECP) Categories and Codes. Following are the ECP Categories included in the proposed property for transferring:

Area F1.1

ECP Category 1: General Installation Building, Building 1081 (less Faith Wing), EBS Parcel 161(1).

Area F1.3

ECP Category 1: Plant/Utility, Building 4479, Access Control Facility, Building 4480, Limited Instruction Building, Building 4481, Water Storage Tank, Building 4485, and Personnel Shelter, Building 4487, EBS Parcel 161(1).

ASTs located at Buildings 4482 and 4484, EBS Parcel 62(1).

The four ASTs at Buildings 4482 and 4484 were previously classified as Category 2 property, EBS Parcel 62(2); areas where only storage of hazardous substances has occurred. DOD revised the environmental condition of property categories so that property may be classified as Category 1 if there was storage of hazardous substances but no release or disposal of the materials. The ASTs that were originally classified as Category 2 are reclassified as Category 1 property.

ECP Category 3: Refuse/Garbage Building, Building 4483, EBS Parcel 104(3).
One 5,000-gallon Heating Oil UST, Building 4482, EBS Parcel 59(3).

In 1999, a baseline environmental investigation was conducted for the CDTF property (Area F1.3) including EBS Parcels 62(2), 59(3), 104(3), and 126Q-CWM. Investigation results indicated that no chemicals associated with the sites present an unacceptable risk to either human health or the environment. "No Further Action" is necessary for the CDTF facility. EBS Parcel 104(3) and 59(3) were originally classified as Category 7 and is reclassified as Category 3. The DOJ will be provided with a copy of the baseline environmental investigation report.

The UST at Building 4482, EBS Parcel 59(3) was removed and site closed. The UST was originally classified as Category 7 and is reclassified as Category 3. See Section 3.3.2 for additional details.

ECP Category 6: Landfill No. 2, EBS Parcel 79(6)
Training Area T-38, Former Technical Escort Reaction Area, EBS Parcel 186(6)

An unnamed road branching off 10th Street leading to the CDTF facility is a portion of the DOJ Property. The road passes through the approximate northern boundaries of Landfill No. 2, EBS Parcel 79(6) (approximately 25 feet) and Training Area T-38, EBS Parcel 186(6) (approximately 900 feet). An EE/CA and supplemental remedial investigation are currently underway for Landfill No. 2 and Training Area T-38, respectively. Copies of the EE/CA Report for EBS Parcel 79(6) and Remedial Investigation Report for EBS Parcel 186(6) will be provided to the DOJ.

ECP Category 7: A portion of the Fill Area North of Landfill 2, EBS Parcel 230(7).

Exploratory trenching activities for the Fill Area North of Landfill No. 2 were conducted in November 2000 to determine the horizontal extent of the Fill Area. Findings of the exploratory trenching are currently being evaluated. The DOJ will be provided with the results of the exploratory trenching findings.

Area F1.5

ECP Category 7: Storage Group Installation, Building 303 and Load/Unload Dock Ramp, Facility 304, EBS Parcel 75(7).
One 3,000-gallon Heating Oil UST, Building 303F, EBS Parcel 41(7).

Area F1.5 is a portion of EBS Parcel 75(7) and includes EBS Parcel 41(7). Site investigations are currently underway for EBS Parcels 75(7) and 41(7) to determine the presence or absence of contamination. A copy of the site investigation report for EBS Parcel 75(7) including EBS Parcel 41(7) will be provided to the DOJ.

Area F1.6

ECP Category 3: Transient Unaccompanied Personnel Housing, Buildings 943 through 946 and Company Headquarters, Buildings 942 and 947, EBS Parcel 95(3).

EBS Parcel 95(3) was originally classified as Category 7. A site investigation was conducted for EBS Parcel 95(3) and the results of the investigation indicated that no chemicals associated with the site present an unacceptable risk to either human health or the environment. Based on these results, site was reclassified as a Category 3. "No Further Action" is necessary for EBS Parcel 95(3) (IT, 2000a). A copy of the site investigation report for EBS Parcel 95(3) will be provided to the DOJ.

Adjacent properties to the Property include Category 1 and Category 7 sites. Site investigations are currently ongoing for all the Category 7 sites adjacent to the Property to determine presence or absence of contamination. There is no indication that any potential contamination has migrated from the adjacent sites to the property. Figures 3 through 5 and Table 3 show Category 7 sites adjacent to Areas F1.1, F1.3, F1.5 and F1.6.

3.2 Storage, Release, or Disposal of Hazardous Substances

Sulfuric acid was the only hazardous substance that was stored at the CDTF in excess of the reportable quantities listed in 40 Code of Federal Regulations (CFR) Parts 373 and 302.4. Between 1985 and 1988, sulfuric acid was stored in one 4,000-gallon AST, located within a concrete berm southwest of Building 4484. The tank was originally manifolded to a 2-inch pipe for transfer of the acid to the 20,000-gallon wastewater tank. The transfer line began leaking at a point within the containment area during the transfer of sulfuric acid. A small volume of acid (approximately 1 quart) leaked and was subsequently neutralized and cleaned up. Sulfuric acid is no longer used at the CDTF. The tank had been empty since 1988 and was moved to store diesel fuel on the East Side of Building 4482. All other hazardous substances stored at the CDTF were below listed reportable quantities. Table 4 summarizes hazardous substances stored at the property in excess of reportable quantities.

3.3 Petroleum and Petroleum Products

3.3.1 Storage, Release, or Disposal of Petroleum Products

Petroleum products in excess of 55 gallons were stored in a total of four tanks, two USTs and two ASTs. USTs included one 3,000-gallon heating oil tank, Facility 303F [EBS Parcel 41(7)] and one former 5,000-gallon heating oil tank near Building 4482 [EBS Parcel 59(3)]. ASTs included one 4,000-gallon diesel fuel tank near Building 4482 and one former 40,000-gallon fuel oil tank near Building 4484. A release from the 3,000-gallon UST tank, EBS Parcel 41(7), was documented in the tank closure report (Attachment 2).

3.3.2 Underground and Aboveground Storage Tanks

Underground Storage Tanks: Two USTs were used to store petroleum products. One 3,000-gallon heating oil UST, EBS Parcel 41(7), is located on the west end of Building 303. The original steel tank was installed in 1978 and was removed and replaced with a 3,000-gallon, double walled fiberglass tank in 1996 in accordance with Federal UST requirements under 40 CFR Part 280 and ADEM Administrative Code Chapter 335-6-15. The original tank was removed in good condition. Soils were excavated and stockpiled. A soil sample was collected from the stockpile for analysis for total petroleum hydrocarbons (TPH). A TPH concentration of 179 mg/kg was detected in the soil sample from the stockpile. Soils not exhibiting evidence of contamination were used to backfill the excavation. Approximately 24 cubic yards of contaminated soil were stockpiled to await thermal volatilization which has been completed. The remaining soil not exhibiting evidence of contamination was transported to the Base Borrow Pit. A UST closure report is included in Attachment 2. A site investigation to determine the presence or absence of contamination is currently underway for EBS Parcel 41(7), which was investigated as part of the Former Ordnance Motor Repair Area, EBS Parcel 75(7) (IT, 2000b).

One 5,000-gallon heating oil UST, EBS Parcel 59(7), was previously located northeast of Building 4482. The tank was removed on September 17, 1998. The removed tank was found in good condition and was not leaking. Samples were collected during tank removal activities. Sample results indicated that TPH and benzene, toluene, ethylbenzene, and xylenes (BTEX) were below ADEM guidelines. All excavated soil was returned to the tankpit. The tank was closed in accordance with ADEM guidelines (Riesz, 1998a). Attachment 2 includes the UST Closure Report. A summary of the areas in which petroleum was stored is provided in Table 5.

Aboveground Storage Tanks: Two ASTs, EBS Parcel 62(1), used to store petroleum products are located on the Property. One 4,000-gallon diesel AST is located on the East Side of Building 4482. The tank formerly held sulfuric acid adjacent to Building 4484 but was relocated to Building 4482 and currently stores backup fuel.

One 40,000-gallon fuel oil AST was previously used to provide fuel to the CDTF incinerator before the CDTF switched to natural gas. The tank was in operation between 1986 and 1990, and has been empty since 1990.

3.4 Polychlorinated Biphenyls (PCBs)

Based on a review of existing records and available information, there are no PCB contaminated transformers located on the Property and no evidence of releases from PCB equipment. Currently, some fluorescent light ballasts in the buildings may contain PCB in excess of 50 parts per millions (ppm), and would be subject to the Toxic Substance Control Act (TSCA) requirements. The letter of transfer will contain the fluorescent light ballasts PCB notice and covenant provided in the Environmental Protection Provisions (Attachment 1).

3.5 Asbestos

Based on the 1998 Asbestos Containing Material (ACM) Survey Report, Buildings 303 and 1081 contain ACM (Riesz, 1998b). Presumed non-friable asbestos containing 9-inch-square and 12-inch-square vinyl floor tiles and mastic is found in Building 303. The non-friable insulation material is in good condition. | ATTACH
3

Building 1081 (less Faith Wing) contains non-friable asbestos on the cooling tower that has transite-like material attached to the tower. The non-friable insulation material is in good condition. The ACM survey reports for Buildings 303 and 1081 are included in Attachment 3. The letter of transfer will contain the asbestos notice and covenant provided in the Environmental Protection Provisions (Attachment 1).

3.6 Lead-Based Paint

Building 303 was constructed in 1942. Based on the age of Building 303 (constructed prior to 1978), it is presumed to contain lead-based paint. The letter of transfer will contain the lead-based paint notice and covenant provided in the Environmental Protection Provisions (Attachment 1).

3.7 Radiological Materials

Activities requiring radioactive materials and instruments were conducted in two facilities, Building 1081 and the CDTF. Radio-luminescent compasses were stored in the north end of Building 303A. |

Building 1081. A radiological laboratory was located in Building 1081, Sibert Hall. The laboratory was used for the training and instruction of radiation protection officers, occupying 14 rooms within Building 1081 (U.S. Army Chemical School, 2000). The laboratory was a National Institute of Standards and Technology traceable laboratory regulated by the U.S. Nuclear Regulatory Commission (NRC) and held two NRC-granted licenses: License Number 01-02861-05, Research and Development Education License; and

License Number SNM-1877, Special Nuclear Materials License. License Number SNM-1877 was terminated and License Number 01-02861-05 was amended by removing Building 1081 in letters from NRC dated July 24 and 27, 2000, respectively (Attachment 4).

Decommissioning activities were conducted for the laboratory prior to installation closure on September 30, 1999 (Allied Tech. Group, 2000). The State of Alabama, Department of Public Health, EPA, and NRC jointly conducted oversight of the final decommissioning survey. The decommissioning survey was conducted in accordance with NRC guidance document NUREG/CR5849; the decommissioning cleanup standards proposed in 10 CFR Part 20; the proposed Multi-Agency Radiation Survey and Site Investigation Manual; EPA OSWER Directive No. 9200.4-18 dated August 22, 1997, titled Establishment of Cleanup Levels for CERCLA Sites with Radioactive Contamination; and Risk Assessment Guidelines for Superfund. The decommissioning survey report was submitted on March 20, 2000. The NRC released Building 1081 for unrestricted use in a letter dated July 27, 2000. The DOJ will be provided with a copy of the final decommissioning report.

CDTF. The U. S. Army Chemical School maintained Army commodities through a general radiological license for worldwide operations through the Army Material Command. Army commodities containing radioactive materials were stored in two rooms, the mechanical room in Building 4481 and the blood draw room in Building 4482. A close-out survey was conducted for the mechanical and the blood draw rooms. Attachment 4 includes the radiological closeout survey report for the mechanical and blood draw rooms.

The instrument storage area in Building 4481 is being used by the DOJ, Center for Domestic Preparedness for the same purpose. Therefore, a close-out survey for the instrument storage area by the U.S. Army was not conducted.

Building 303. Building 303 served as the Central Issue Facility for storing and issuing individual military equipment to soldiers, including radio-luminescent lensatic compasses. The north end of building 303-A was the only area where radio-luminescent lensatic compasses were stored. A radiological survey was conducted for building 303-A. As low as reasonably achievable (ALARA) guidelines were met in the area. No activity was detected above background or minimum detectable activity (MDA) levels except for tritium removable activity that was at minimum levels of detection per analysis. A copy of the Commodity Site Survey Report will be provided to the DOJ.

3.8 Radon

Radon surveys were conducted for Buildings 943, 944, 945, 946, and 947. Radon was not detected above the EPA residential action level of 4 picocuries per liter (pCi/L) in any of the buildings (Radon Monitoring Report, 1998).

3.9 Ordnance and Explosives

Based on a review of existing records and available information, the Property is not known or suspected to contain ordnance or explosives (OE) (USACE, 1999). A portion of a 37-mm anti-tank range fan was identified as possibly overlapping the eastern-most boundary of the property. An extensive ground reconnaissance was performed on this overlapping portion of Area F1.3 to investigate the potential presence of OE. No OE was found during this reconnaissance and the area was relatively clear of trash and debris (Foster Wheeler Environmental, 2000). Based on these findings, it is believed that OE is not present on the Property. However, since OE has been found on adjoining property, there is a potential for OE to be present in the vicinity of the areas of the granted property, which may pose an explosive safety hazard. The U.S. Army intends to investigate the surrounding property. The investigation may have an impact on the property through use of exclusion zones (zones established to restrict specific activities in a specific geographic area surrounding any object/structure being demolished using explosives) that intersect the property. The Letter of Transfer will contain the potential for the presence of ordnance and explosives notice provided in the Environmental Protection Provisions and will provide for use of exclusion zones as necessary on Area F1.3 for any potential OE removals on the adjacent property. (Attachment 1).

3.10 Other Hazardous Conditions

See memo

Chemical Warfare Material. Chemical Warfare Agent (CWA) identification and decontamination training has been conducted at the CDTF since 1987. The nerve agents sarin (GB) and O-ethyl-S- [2diisopropylaminoethyl] methylphosphonothiolate (VX) were the only CWA used at this facility. Their use was confined to the Training Building (Building 4482). There are no known or recorded releases of nerve agent to the environment at the CDTF. A baseline environmental investigation was conducted for the CDTF to determine the environmental condition of the property and to determine whether facility operations impacted the on-site and surrounding soils and groundwater. Based on the results of the baseline environmental investigation, there is no evidence that activities performed at the CDTF have adversely impacted the environment (IT, 2000c).

Clean Air. The U.S. Army operated an incinerator at the CDTF under ADEM Air Permit No. 301-0017-Z007 (CDTF). A copy of the air permit is provided as Attachment 5. The air permit was reissued to the DOJ when the property was permitted to them in September 1999. No other facilities on the Property require an air permit for operation.

Ozone Depleting Substances. The U.S. Army performed a comprehensive survey of FTMC buildings to identify chlorofluorocarbons (CFCs)/Halon equipment, including tenant activities. In addition to the survey, the U.S. Army conducted a leak risk assessment, the associated conversion/replacement cost, maintenance schedule for high-risk systems, and guidance to assist in ensuring compliance with the Clean Air Act Amendments (Riesz, 1995).

There are five (Type I through V) general classifications of CFC/Halon equipment used at FMC. Three of the five classifications (Types I, II, and III) were found in the buildings within the Property. Type I systems consisting of mechanical commercial air conditioning units, known as chillers were identified in Building 1081. The building contains two 200-ton chillers each with a 600-pound charge capacity of refrigerant (R-11). The chillers were installed in 1988 and leaks were not detected. The units require scheduled maintenance and immediate leak repairs.

Type II systems are either air-cooled condenser, air-cooled chillers, condensing units or package units ranging from 25 to 200 tons. Buildings 942, 947, and 1081, each have one Type II air-cooled chiller. The units were installed in 1988 and were rated in good condition during the survey.

Type III units consist of small CFC-containing equipment, including refrigerators, small residential-sized AC units, water fountains, ice machines, and window AC units. Buildings 942, 947, and 1081 contained Type III units. All equipment was found in good condition.

Ozone depleting substances were not found in the buildings within the CDTF facility. A copy of the CFCs/Halon survey and risk assessment report is provided in Attachment 6.

Based on a review of existing records and available information, there are no other hazardous conditions that present an unacceptable threat to human health or the environment on the property.

4.0 REMEDIATION

There are no environmental remediation orders or agreements applicable to the property. The U.S. Army will complete on-going site and remedial investigations and EE/CAs and take any necessary remediation activities resulting from those actions. The letter of transfer will contain a provision reserving the U.S. Army's right to conduct remediation activities provided in the Environmental Protection Provisions (Attachment 1).

5.0 HISTORICAL PROPERTIES

The CDTF is recommended for eligibility to the National Register of Historic Places as a district under the context of the Army's military-industrial role in the Cold War. The CDTF has national significance, and meets National Register criteria for its historical associations and unique technology and design. Even though it was built in the relatively recent past, it does meet the criteria for exceptional importance as documented in the Historic Context Study: World War II and Cold War Era Buildings and Structures dated May 2000. Buildings 4479, 4482, 4483, and 4484 associated with the technological aspects of the district are considered contributing elements. Buildings 4480 and 4481, as well as any other non-technological structures, do not contribute to the district. The letter of transfer will include the notice provided in the Environmental Protection Provisions (Attachment 1).

6.0 REGULATORY/PUBLIC COORDINATION

The U.S. EPA Region IV, ADEM, and the public were notified of the initiation of the ECOP. Regulatory/public comments received during the ECOP development were reviewed and incorporated as appropriate.

7.0 NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) COMPLIANCE AND CONSISTENCY WITH LOCAL REUSE PLAN

The environmental impact associated with the proposed transfer of the property has been analyzed in accordance with the National Environmental Policy Act. The results of this analysis have been documented in the Disposal and Reuse Environmental Impact Statement (1998) and its associated Record of Decision (June 1999). Any encumbrances or conditions identified in such analysis as necessary to protect human health or the environment have been incorporated into the ECOP. In addition, the proposed transfer is consistent with the intended reuse of the property as set forth in the Comprehensive Reuse Plan adopted by the Joint Powers Authority.

8.0 ENVIRONMENTAL PROTECTION PROVISIONS

On the basis of the above results from the baseline environmental investigation and other environmental studies and in consideration of the intended use of the property, certain terms and conditions are required for the proposed transfer. These terms and conditions are set forth in the attached Environmental Protection Provisions (Attachment 1) and will be included in the letter of transfer.

9.0 CONCLUSION

The U.S. Army will be responsible for the completion of the environmental program at the U.S. Army Garrison, Fort McClellan. The U.S. Army, EPA, and ADEM will retain, and the DOJ will agree to, a right of entry over and through the property, granting the U.S. Army, EPA, and ADEM access to complete any and all actions if necessary in order to conduct post-transfer environmental requirements.

Based on the above, the Property is determined to be suitable for transfer to the Department of Justice.



FEB 21 2001

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10.0 REFERENCES

- Allied Technology Group, 2000, *Commodity Site Survey Report, Fort McClellan, Calhoun County, Alabama*, March.
- 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.
- Fort McClellan (FTMC), 1997, *Fort McClellan Comprehensive Reuse Plan*, Fort McClellan Reuse and Redevelopment Authority of Alabama, prepared under contract to the Calhoun County Commission, November.
- Foster Wheeler Environmental, 2000, *Fort McClellan Alabama, Chemical Decontamination Training Facility (CDTF), Reconnaissance Report*, October.
- IT Corporation, 2000a, *Final Site Investigation Report, Old Hospital, Parcel 95(7), Fort McClellan, Calhoun County, Alabama*, October.
- IT Corporation, 2000b, *Draft Site Investigation Report, Former Ordnance Motor Repair Area, Parcels 75(7), 5(7), 6(7), 41(7), and 42(7), Fort McClellan, Calhoun County, Alabama*, July.
- IT Corporation, 2000c, *Baseline Environmental Investigation Report, Chemical Defense Training Facility, Parcel 126Q-CWM, 62(2), 59(7) and 104(7), Fort McClellan, Calhoun County, Alabama*, August.
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- Riesz Engineering, 1998a, *UST Progress Report, Fort McClellan, Calhoun County, Alabama*, October.
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U.S. Army Corps of Engineers (USACE), Mobile District, 1998, *Final Environmental Impact Statement, Disposal and Reuse of Fort McClellan Alabama*, August.

U.S. Army Office of the Assistant Secretary Installation, 1999, *Final Record of Decision, Fort McClellan, Alabama*, June.

TABLES

1. Condition of Property
2. Community Environmental Response Facilitation Act Categories and Codes
3. Adjacent Properties
4. Notification of Hazardous Substances Storage, Release, and Disposal
5. Notification of Petroleum Product Storage, Release, and Disposal

**Table 1
Condition of Property
Department of Justice, Center for Domestic Preparedness
Fort McClellan, Alabama**

Bldg. No.	Year Built	Area (sq.ft)	Design Use Description	CERFA Category	CERFA Parcel Label	Non-CERCLA Parcel Number	Non-CERCLA Issues							Remarks/Remedial Action	
							A	L	R	P	X	CWM	RAD		
I.1															
1081	1954	195,135	GENERAL INSTRUCTION BUILDING	1	161(1)	39Q-A/L(P) 64Q-RD	X	X						X	Decommissioning activities were conducted for the radiological laboratory prior to installation closure.
I.3															
4479	1985	4680	PLANT/UTILITY BUILDING	1	161(1)	126Q-CWM								X	
4480	1985	389	ACCESS CONTROL FACILITY	1	161(1)	126Q-CWM								X	
4481	1985	15376	LIMITED USE INSTALLATION	1	62(1)HS	126Q-CWM								X	
4482	1985	28630	GAS CHAMBER	1 3	62(1)HS 59(3)PS	126Q-CWM								X	A 5,000-gallon heating oil tank was removed September 17, 1998. The removed tank was found in good condition. All excavated soil was returned to the tankpit. The tank was closed in accordance with ADEM guidelines. Baseline environmental investigation results indicated that there are no chemicals associated with the site that present an unacceptable risk to either human or the environment. A "No further action" was recommended.
4483	1985	6000	REFUSE/GARBAGE BUILDING	3	104(3)HR(P)	126Q-CWM								X	Baseline environmental investigation results indicated that there are no chemicals associated with the site that present an unacceptable risk to either human or the environment. A "No further action" was recommended.
4484	1985	7188	HAZARDOUS MATERIAL STORAGE INSTALLATION	1	62(1)HS	126Q-CWM								X	
4485	1985		WATER STORAGE TANK POTABLE	1	161(1)	126Q-CWM								X	
			UNNAMED ROAD BRANCHING OFF 10 TH STREET	6 6	79(6) 186(6)										An EE/CA is currently underway for Landfill No. 2. A supplemental remedial investigation is currently underway for Training Area T-38.
4487	1985	75	SHELTER PERSONNEL	1	161(1)										

Table 1
Condition of Property
Department of Justice, Center for Domestic Preparedness
Fort McClellan, Alabama

Bldg. No.	Year Built	Area (sq.ft)	Design Use Description	CERFA Category	CERFA Parcel Label	Non-CERCLA Parcel Number	Non-CERCLA Issues					Remarks/Remedial Action
							A	L	R	P	X	
Fl.5												
303	1942	9000	STORAGE GROUP INSTALLATION	7	75(7)HS/HR(P)/FS/PR(P)		X					Site investigation is currently underway for the site.
303F			UNDERGROUND STORAGE TANK	7	41(7)PS							One 3,000-gallon underground storage tank operated since 1978 and was replaced in 1996. During tank removal, product odor was not detected. The tank removed was observed to be in good condition. Soil was excavated and stockpiled. Approximately 24 cubic yards of soil were excavated and stockpiled on site to await thermal volatilization. A soil sample was collected from stockpiled soil. Site investigation is currently underway for the site to determine presence or absence of contamination.
304			LOAD/UNLOAD DOCK RAMP	7	75(7)HS/HR(P)/PS/PR(P)							Site investigation is currently underway for the site to determine presence or absence of contamination.
Fl.6												
942	1988	4847	COMPANY HEADQUARTER BUILDING	3	95(3)HS/HR(P)							Investigation results indicated that there are no chemicals associated with the site that present an unacceptable risk to either human or the environment. A "No further action" was recommended.
943	1988	30399	TRANSIENT UNACCOMPANIED PERSONNEL HOUSING	3	95(3)HS/HR(P)							Investigation results indicated that there are no chemicals associated with the site that present an unacceptable risk to either human or the environment. A "No further action" was recommended.
944	1988	30399	TRANSIENT UNACCOMPANIED PERSONNEL HOUSING	3	95(3)HS/HR(P)							Investigation results indicated that there are no chemicals associated with the site that present an unacceptable risk to either human or the environment. A "No further action" was recommended.
945	1988	30399	TRANSIENT UNACCOMPANIED PERSONNEL HOUSING	3	95(3)HS/HR(P)							Investigation results indicated that there are no chemicals associated with the site that present an unacceptable risk to either human or the environment. A "No further action" was recommended.
946	1988	30399	TRANSIENT UNACCOMPANIED PERSONNEL HOUSING	3	95(3)HS/HR(P)							Investigation results indicated that there are no chemicals associated with the site that present an unacceptable risk to either human or the environment. A "No further action" was recommended.

Table 1
Condition of Property
Department of Justice, Center for Domestic Preparedness
Fort McClellan, Alabama

Bldg. No.	Year Built	Area (sq.ft)	Design Use Description	CERFA Category	CERFA Parcel Label	Non-CERCLA Parcel Number	Non-CERCLA Issues						Remarks/Remedial Action
							A	L	R	P	X	CWM	
947	1988	4847	COMPANY HEADQUARTER BUILDING	3	95QHS/HR(P)								Investigation results indicated that there are no chemicals associated with the site that present an unacceptable risk to either human or the environment. A "No further action" was recommended.

A - Asbestos

L - Lead

R - Radon

P - PCB

X - Ordnance and explosives

CWM - Chemical Warfare Materiel

RAD - Radiological Issues

Table 2
Community Environmental Response Facilitation Act Categories and Codes
Environmental Condition of Property
Fort McClellan, Calhoun County, Alabama

Category	Description
Category 1	Areas where no storage, release, or disposal (including migration has occurred)
Category 2	Areas where only storage has occurred
Category 3	Areas of contamination below action levels
Category 4	Areas where all necessary remedial actions have been taken
Category 5	Areas of known contamination with removal and /or remedial action underway
Category 6	Areas of known contamination where required response actions have not been taken
Category 7	Areas that are not evaluated or require further evaluation
CERCLA Codes for Categories 2 through 7	
HS	indicates hazardous substance storage
HR	indicates hazardous substance release and/or storage
PR	indicates petroleum substance release and/or storage
PS	indicates petroleum substance storage
(P)	indicates possible release or disposal, unverified by sampling or analysis

Table 3
Adjacent Properties
Environmental Condition of Property
Department of Justice, Center for Domestic Preparedness
Fort McClellan, Calhoun County, Alabama

Parcel No.	Site Name
Area F1.1	
139(7)	Former Gas Station at Building 1094, Former Motor Pool area 1000
16(7)	Former Gas Station at Building 1394, Former Motor Pool area 1300
13(7)	UST Gym Pool Building 1012
148(7)	Former Motor Pool Area 1300, Building 1398 4th Ave
150(7)	Former Motor Pool Area 1000 at Building 1012
Area F1.5	
75(7)	Former Ordnance Motor Repair Area and Warehouses
95(7)	Old Hospital
Area F1.6	
95(7)	Old Hospital

Note: Area F1.3 is surrounded by Category I [EBS Parcel 161(1)] property.

FIGURES

1. Fort McClellan: Main Post and Choccolocco Corridor
2. Department of Justice, Fort McClellan: Main Post and Choccolocco Corridor
3. Department of Justice, Area F1.1, Site Map
4. Department of Justice, Area F1.3, Site Map
5. Department of Justice, Areas F1.5 and F1.6, Site Map

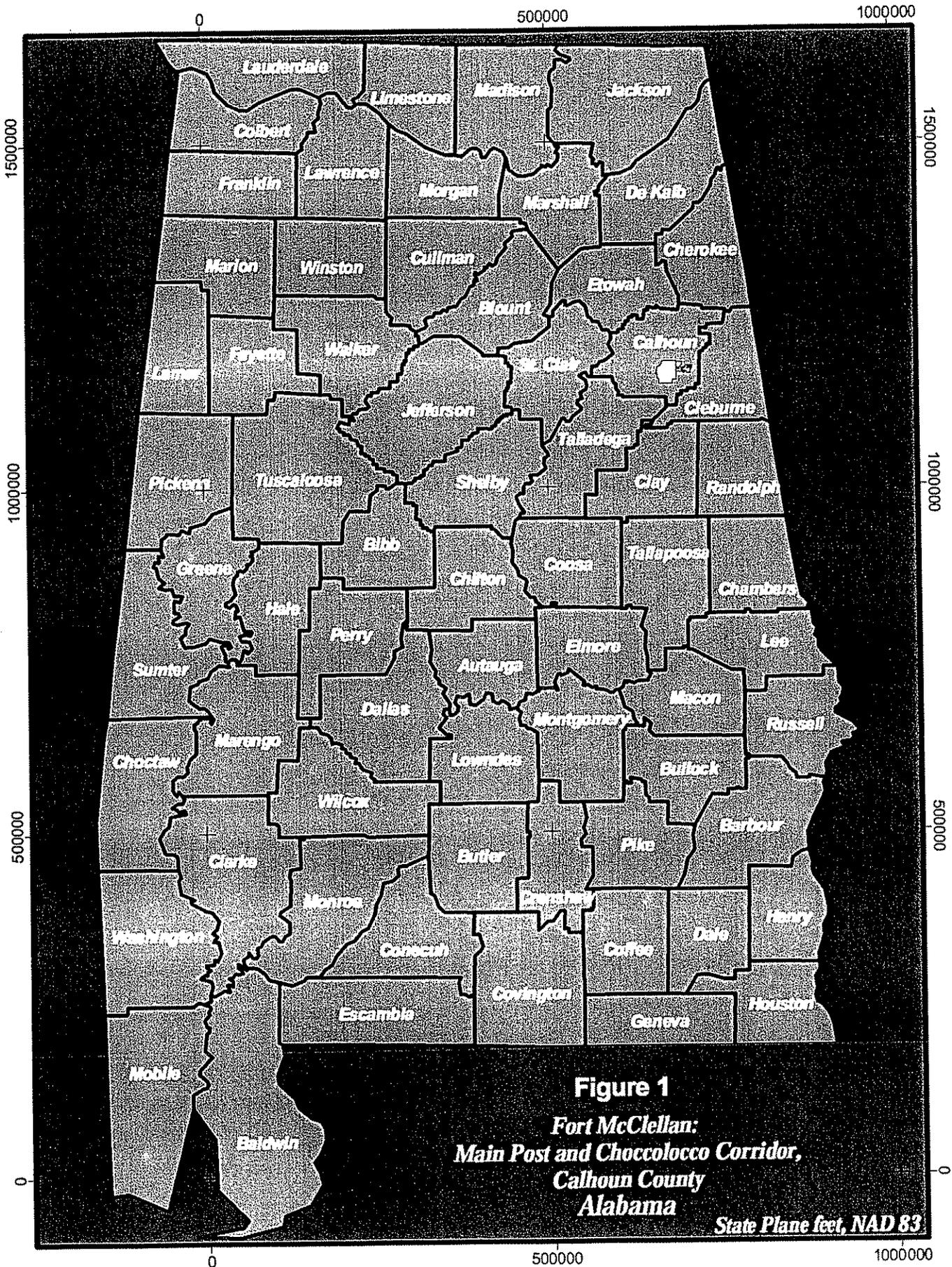


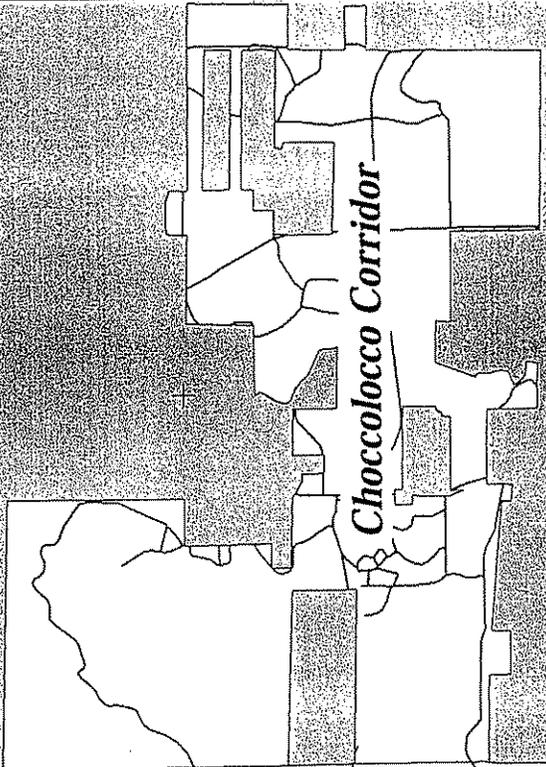
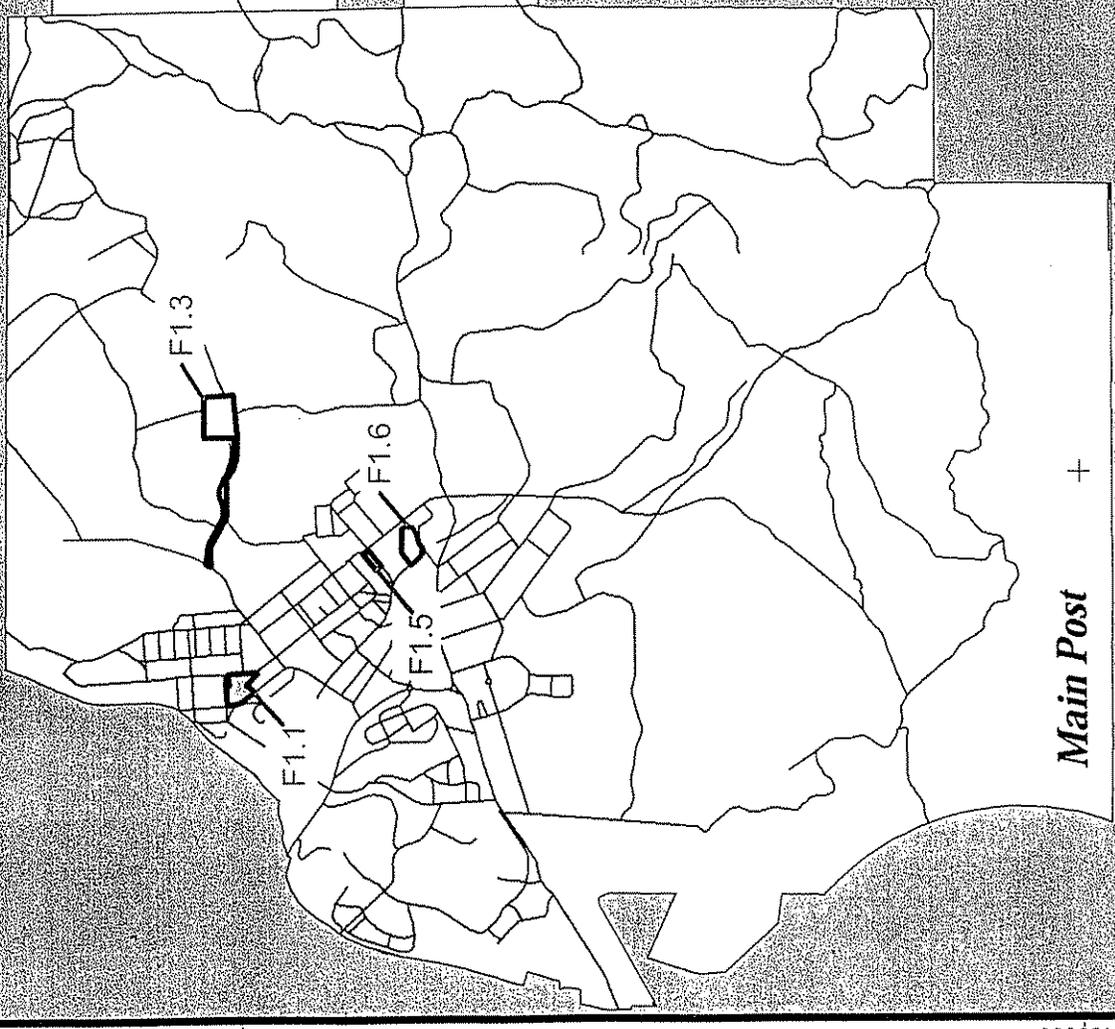
Figure 1
*Fort McClellan:
 Main Post and Choccolocco Corridor,
 Calhoun County
 Alabama*
 State Plane feet, NAD 83

70000

67500

1175000

1150000



Choccolocco Corridor

Figure 2

Department of Justice Areas

Fort McClellan

Main Post and Choccolocco Corridor

Calhoun County, Alabama

0 1 2 Miles



State Planning Board

70000

1175000

1150000

67500

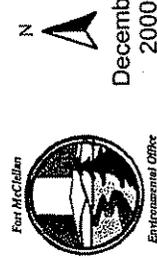
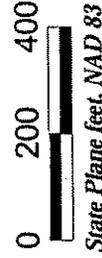
Figure 3

Department of Justice Area F1.1 Site Map

Legend

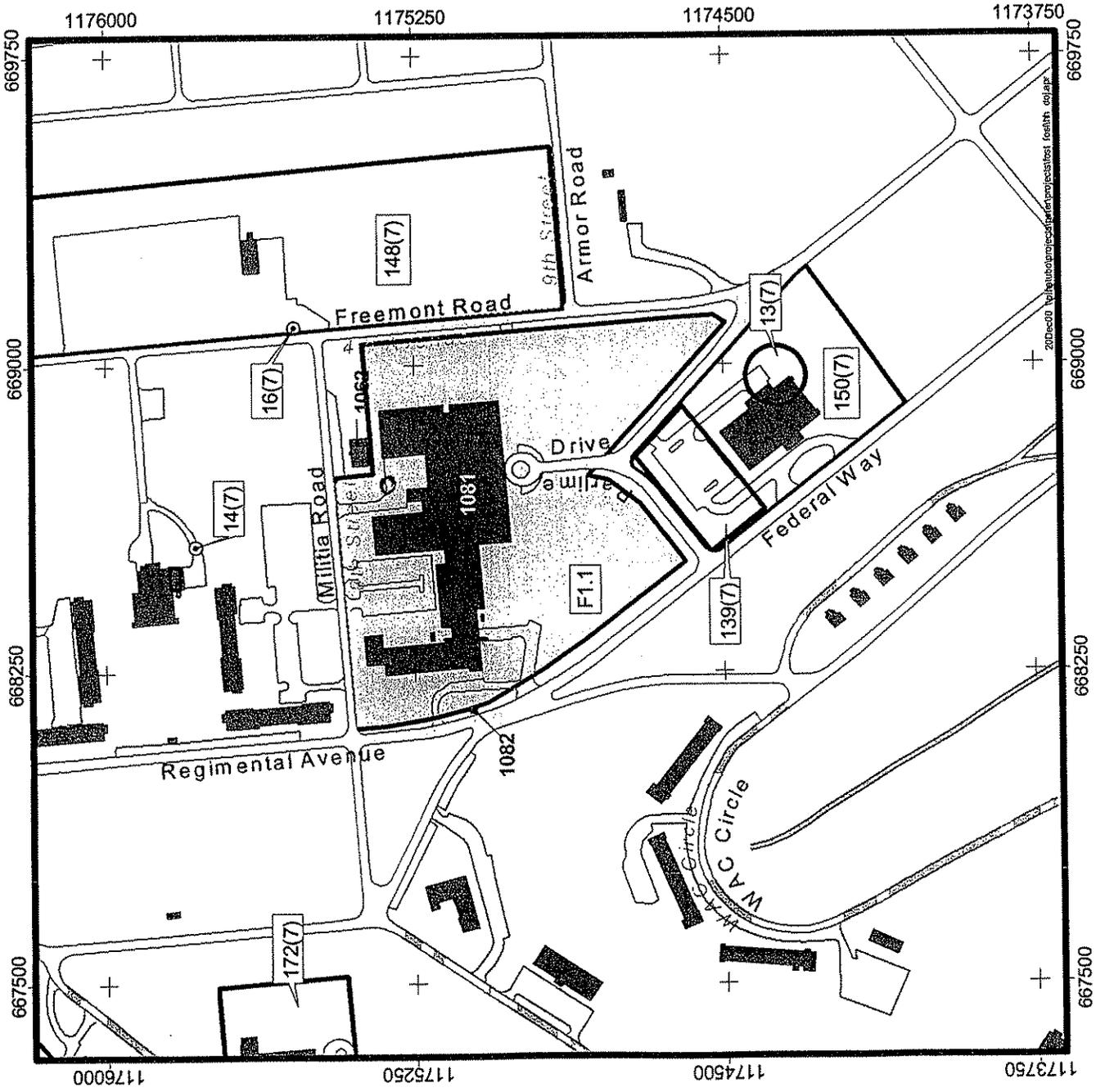
- CERFA USTs
- Buildings
- Roads
- ▨ DOJ Area F1.1
- CERFA Parcels
- Category 1
- Category 7

Further Sites: See 911-approved Street Names



December 2000

U.S. Army Corps of Engineers
 Mobile District
 Fort McClellan
 Calhoun County, Alabama
 Contract No.: DACA21-96-D-0018



ATTACHMENT 3
ASBESTOS CONTAINING MATERIALS SURVEY REPORTS

**ASBESTOS CONTAINING BUILDING MATERIALS SURVEY
GENERAL INSTRUCTION
BUILDING 1081**

FORT McCLELLAN, ALABAMA

U.S. ARMY CONTRACT NO. DABT02-96-D-0005
DELIVERY ORDER 0005

Fort McClellan



Staying Beautiful

Conducted and Prepared by:

REISZ ENGINEERING
P.O. BOX 1349
HUNTSVILLE, ALABAMA 35807

ASBESTOS CONTAINING BUILDING MATERIALS SURVEY
GENERAL INSTRUCTION
BUILDING 1081

FORT McCLELLAN, ALABAMA

U.S. ARMY CONTRACT NO. DABT02-96-D-0005
DELIVERY ORDER 0005

Prepared For:

DIRECTORATE OF ENVIRONMENT
FORT McCLELLAN

APPROVED FOR TRANSMITTAL BY
JOSEPH L. HILLERICH

Conducted and Prepared by:

REISZ ENGINEERING

June, 1998

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2.0	REGULATORY STANDARDS.....	2
3.0	PROJECT CHARACTERISTICS.....	3
4.0	SURVEY METHODOLOGY.....	4
5.0	LABORATORY ANALYSIS	5
6.0	SUSPECT MATERIALS.....	5
7.0	ASBESTOS INSPECTION AND SAMPLING RESULTS.....	6
	FRIABLE ACM.....	7
	NON FRIABLE ACM.....	7
	INACCESSIBLE MATERIAL.....	8
8.0	CONCLUSIONS AND RECOMMENDATIONS.....	8
9.0	ASSUMPTIONS AND LIMITATIONS.....	8

APPENDICES

- APPENDIX A - REPORT OF LABORATORY ANALYSIS
- APPENDIX B - SUMMARY TABLE OF ACM
- APPENDIX C - SAMPLE LOCATIONS PLANS
- APPENDIX D - SELECTED ACM LOCATIONS PLANS

1.0 PURPOSE AND SCOPE OF SERVICES

The purpose of this survey was to locate and identify asbestos containing building materials at Building 1081 located at Fort McClellan, Alabama. Pursuant to the Contract, REISZ Engineering was required to provide the survey in accordance with AHERA (40 CFR Part 763 Subpart E) protocol. AHERA is applicable to interior building products installed prior to October 12, 1988. AHERA does not apply to the exterior of buildings and does not apply to non-building materials (e.g. cabinetry, special equipment and chalkboards). REISZ Engineering has included as part of the survey those readily accessible, suspect friable interior non-building materials (e.g. vibration dampers); but has not included certain items (e. g. interior linings of equipment and special supplies, some non-friables such as transite, ect.). Exterior building materials were not sampled as part of this contract unless those materials were suspected to be of friable nature and continuous with indoor materials (e.g. piping insulation). Specifically, REISZ Engineering was contracted to provide the following services:

1. Identify and collect samples of accessible suspect friable building materials within the referenced project area.
2. Perform a visual inspection to provide information on material condition, material quantities, material locations, and building use.
3. Analysis of all bulk samples for asbestos content utilizing Polarized Light Microscopy and Dispersion Staining Techniques performed in accordance with EPA Bulk Analysis Method EPA 600/M4-82-020.
4. Make recommendations as to response actions pertaining to those materials identified as asbestos containing.
5. Compilation of a final report (contained herein) which details all sample results, identifies sample locations, and provides recommendations based upon the results.
6. Preparation of a Building specific Operations & Maintenance (O&M) Plan for buildings containing friable asbestos materials.

2.0 REGULATORY STANDARDS

The National Emissions Standards for Hazardous Air Pollutants (NESHAP) requires the Owner or Operator of a facility to determine the presence or non-presence of asbestos containing materials prior to conducting renovation or demolition activities. The NESHAP Standard for asbestos (40CFR Part 61 Sub-part M) requires the use of engineered control procedures for removal of asbestos materials that are or will become friable during renovation or demolition. The removal must occur before renovation or demolition activities impact those materials.

On October 11, 1994 an OSHA promulgated regulation (29 CFR Part 1926.1101) became effective. This Standard is related to asbestos exposure in construction, renovation and building maintenance work places. Building owners are required, pursuant to the Standard, to notify employees, tenants and prospective employers (contractors) of the presence, location and quantities of ACM in the building. Implementation of the "communication of hazards" provisions in the Standard were originally to be not later than April 10, 1995 but was extended to July 10, 1995 and is now in effect. The OSHA Standard does not apply to work performed by employees of State agencies in states without state run OSHA programs (e. g. Alabama).

In October 1986, the Asbestos Hazard Emergency Response Act (AHERA) was signed into law. Included in this act are provisions directing E.P.A. to establish rules and regulations (40CFR Part 763) addressing asbestos-containing materials in schools. Specifically, the E.P.A. was directed to address the issues of: 1) identifying, 2) evaluating, and 3) controlling asbestos containing materials (ACM) in schools. AHERA requires schools to perform building inspections and to prepare management plans for ACM control. Although the AHERA regulation does not specifically apply to this project it is generally accepted as the industry standard and was cited by Fort McClellan in the Asbestos Survey Request as the basis of survey methodology. The AHERA inspections must be conducted using specific guidelines which include a minimum number of samples per material type. This survey was conducted in accordance with those guidelines per the Contract requirements.

On November 28, 1992 a law became effective which extended the EPA's Model Accreditation Plan to all public and commercial buildings. Currently the rule extends the accreditation requirements of persons performing asbestos work (inspectors, project designers, abatement supervisors, and workers) in public and commercial buildings, but does not extend the other aspects of AHERA. This project was conducted utilizing EPA accredited personnel.

3.0 PROJECT CHARACTERISTICS

During the month of November 1997, Reisz Engineering accredited asbestos Inspectors performed inspections of Building 1081 for the purpose of identifying building materials suspected to contain asbestos. This building is a multi-use facility which is comprised of 2 floors and a partial basement containing approximately 232,864 sq. ft. of floor space. Based on information provided by Fort McClellan representatives, our observations, and tests results, it appears that the entire structure was built in 1941.

4.0 SURVEY METHODOLOGY

The building was visually inspected for the presence of material suspected to contain asbestos. Those suspect materials were identified, bulk samples were obtained and placed into individual vials for transportation to the University of Alabama in Huntsville. General areas for sample locations were selected on a random basis with a preference for exact positioning at existing damage. Each sample location is represented by a number on the plans in Appendix C. Those numbers directly correspond with the numbers listed elsewhere in this report.

If any additional suspect materials are identified during renovation or demolition they should be analyzed for asbestos content. Materials visibly identifiable as non-asbestos (fiberglass, foam rubber, wood, etc.) were not sampled. Materials installed after October 12, 1988 (as reported by Fort McClellan staff) were not sampled.

Hazard Assessment Factors

Each time suspect ACM was sampled, it was classified as either a friable or a non-friable material. Friable material may be crumbled, pulverized, or reduced to powder by hand pressure. Friable ACM is more hazardous than non-friable ACM because friable material can release airborne asbestos fibers more easily. In assessing the fiber release potential, the current condition of all ACM identified was noted. Evidence of deterioration, physical damage, water damage, erosion of ACM due to its' proximity to an air plenum, high vibration, or contact potential was also noted.

5.0 LABORATORY ANALYSIS METHODOLOGY

All bulk samples were analyzed at UAH by polarized light microscopy utilizing dispersion staining or Becke line techniques, in accordance with the EPA's "Interim Method for Determination of Asbestos in Bulk Insulation Samples" (EPA 600/m4-82-020). Quality control samples were taken as duplicates at a rate of 1 to 20 and were sent to a second accredited laboratory. This type of analysis requires the microscopist to take a portion of the bulk sample and treat it with an oil of specific refractive index. This prepared slide is then subjected to a variety of optical tests.

Each type of asbestos displays unique characteristics when subjected to these tests. Percentages of the identified types of asbestos are determined by visual estimation. Even though this is an estimation, any material that contains greater than one percent of any type of fibrous asbestos is considered ACM and must be handled according to OSHA and EPA regulations if disturbed during maintenance, renovation, demolition or removal.

The UAH laboratory participates in the American Industrial Hygiene Association (AIHA) quality assurance program for polarized light microscopy and is accredited by the AIHA through their voluntary program.

6.0 SUSPECT MATERIALS

The following is a general list of building materials that were suspected to contain asbestos. A complete and more detailed description of these substances can be found in Appendix B.

Surfacing

- None

Thermal System Insulation

- Brown paper type insulation

Miscellaneous Material

- Transite like material

7.0 ASBESTOS INSPECTION AND SAMPLING RESULTS

A total of ten bulk samples were collected and analyzed. Details of all laboratory results can be found in Appendix A. A listing of all suspect materials, their corresponding sample numbers, general location, and asbestos content are indicated in Appendix B. A narrative description of all "Friable Asbestos Containing Material" and "Non-Friable ACM" identified during the survey, is given below.

FRIABLE ACM

Laboratory analysis determined asbestos is present in the brown paper pipe insulation.

NON FRIABLE ACM

A non-friable ACM's was identified by laboratory testing on the cooling tower which had a transite like material attached to the tower.

8.0 CONCLUSIONS AND RECOMMENDATIONS

None of the materials identified within this report are damaged to the extent that significant asbestos fiber release is likely under normal conditions. However, some of the asbestos containing materials, are subject to routine maintenance activities that could involve significant disturbance. Those materials include the pipe fitting insulations and ceiling tiles. Based upon the aforementioned conditions no action is recommended at this time. Reisz Engineering has written a Building Operations & Maintenance Plan for Building 1081 and we suggest that recommendations included in this plan be followed.

9.0 ASSUMPTIONS AND LIMITATIONS

The results, findings, conclusions and recommendations expressed in this report are based only on conditions which were observed during the inspections of Building 1081 during November 1997. Reisz Engineering and this report make no representation or assumptions as to past conditions or future occurrences.

Our inspection was generally non-destructive in nature. Any conditions or material which were not visible on the surface were not inspected and may differ from those observed. It was not within the scope of this investigation to remove surface materials to investigate portions of the structure or materials which lay beneath the surface. Our selection of sample

locations and frequency is based upon our observations and the assumption that all materials in the same area are homogeneous.

This report is designed to aid the building owner, architect, construction manager, general contractors, and potential asbestos abatement contractors in locating ACM. Under no circumstances is this report to be utilized as a bidding document or as a project specification document.

APPENDIX A

REPORT OF LABORATORY ANALYSIS FOR ASBESTOS

UAH

The University of Alabama in Huntsville

Environmental Laboratory
Kenneth E. Johnson Research Center

Huntsville, Alabama 35899
Phone: (205) 890-6391
Fax: (205) 890-6376

Re : Bulk Asbestos Analysis
EPA 600/R-93/116

Receipt Date : 11-06-97

AIHA: 023601

Sample Date : 09/30/197 through 10/02/197

Client: Reisz Engineering
Building 32 Suite A2
3322 Memorial Parkway South
Huntsville, AL 35801

Microscopist : Tom Carrington

Sample/Description	Asbestos Fibers (%)				Non-Asbestos Material (%)				
	Chry	Amos	Croc	Othr	Cell	Fbgl	MW	CaSO4	Othr
B 108 1 -01 / Transite, like, material on Cooling Tower	20				10				70
B 1081-02 / Mud on 4" pipe TSI-e,lbw							40		60
B1081-03 /Brown Paper (Aircell) type Insulation					85				15
B1081-04 I Hard Insulation at Elbow							60		40
B 1081-05 / Old Type Ceiling Tile, (paste on)						80			20
B1081-06 /Brown Paper (Aircell) type Insulation	12				78				10
B 108 1 -07 I Brown Paper (Aircell) type Insulation					90				10
B1081-08 /Brown Paper (Aircell) type Insulation					90				10
B 1081-09 /Brown Paper (Aircell) type, Insulation					90				10
BIOSI-10 I Brown Paper (Aircell) type Insulation					85				15

Chly = Chrysotile
Amos = Amosite
Cmc = Crocidolite

Othr = Other
Cell = Cellulose

NIW = Mineral Wool
Ca s04 = Calcium Sulfate
Fbgl = Fiberglass

APPENDIX B

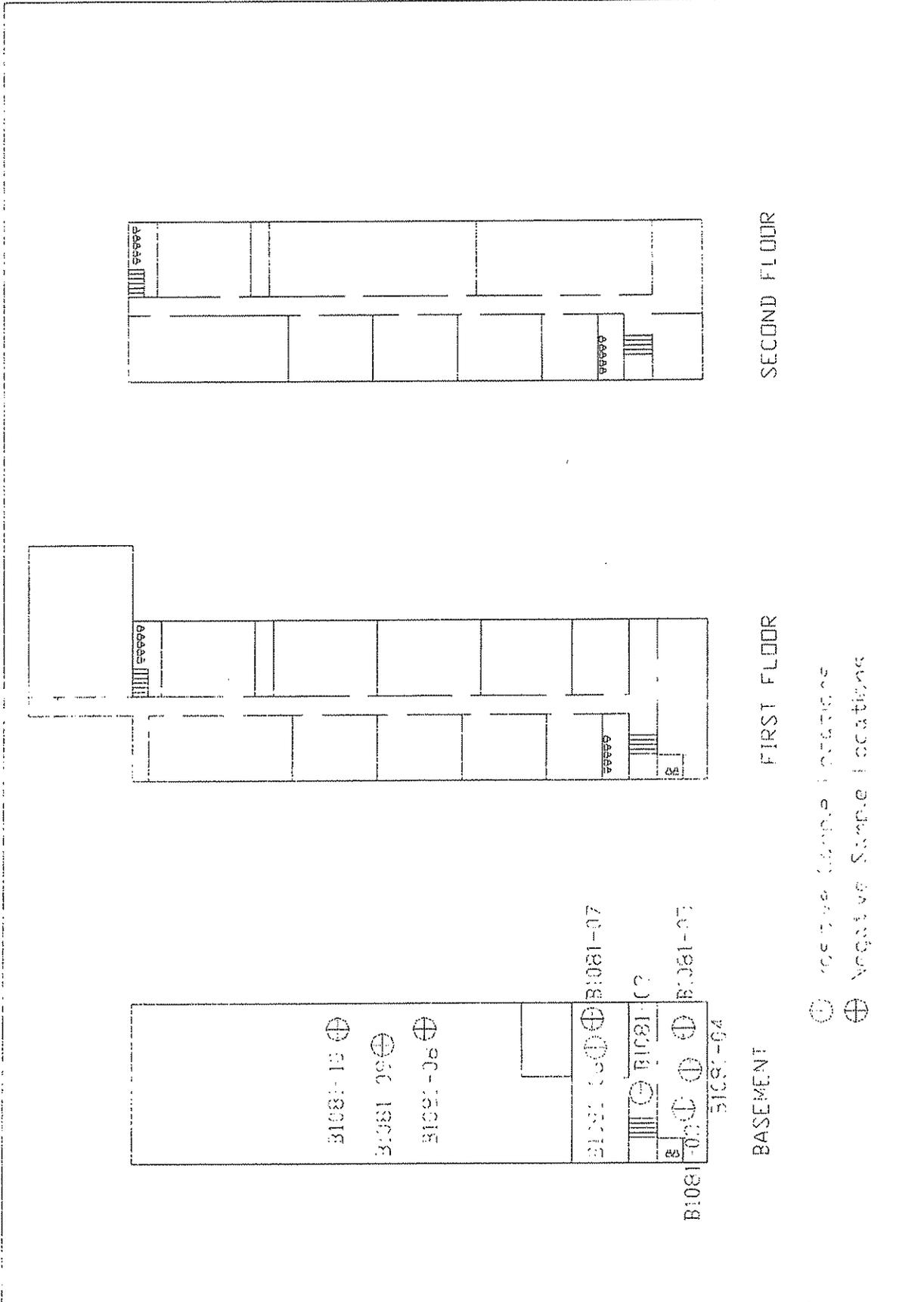
ASBESTOS CONTAINING MATERIALS

**SUMMARY TABLE
ASBESTOS CONTAINING MATERIALS
GENERAL INSTRUCTION
BUILDING 1081
FORT McCLELLAN, ALABAMA**

SAMPLE #(S)	Description of Materials	General Location of Material	Quantity (approx.)
B1081-01	Transite like material	Cooling Tower	12 pieces 10' X 4' each
B1081-06	Brown paper insulation	Storage area in basement	2 pipes 300 lnr ft (total)

APPENDIX C

SAMPLE LOCATIONS PLANS



REISZ ENGINEERING

ASBESTOS SURVEY
 DABT02-96-D-0005
 FM705

BUILDING: 1081

SECOND FLOOR

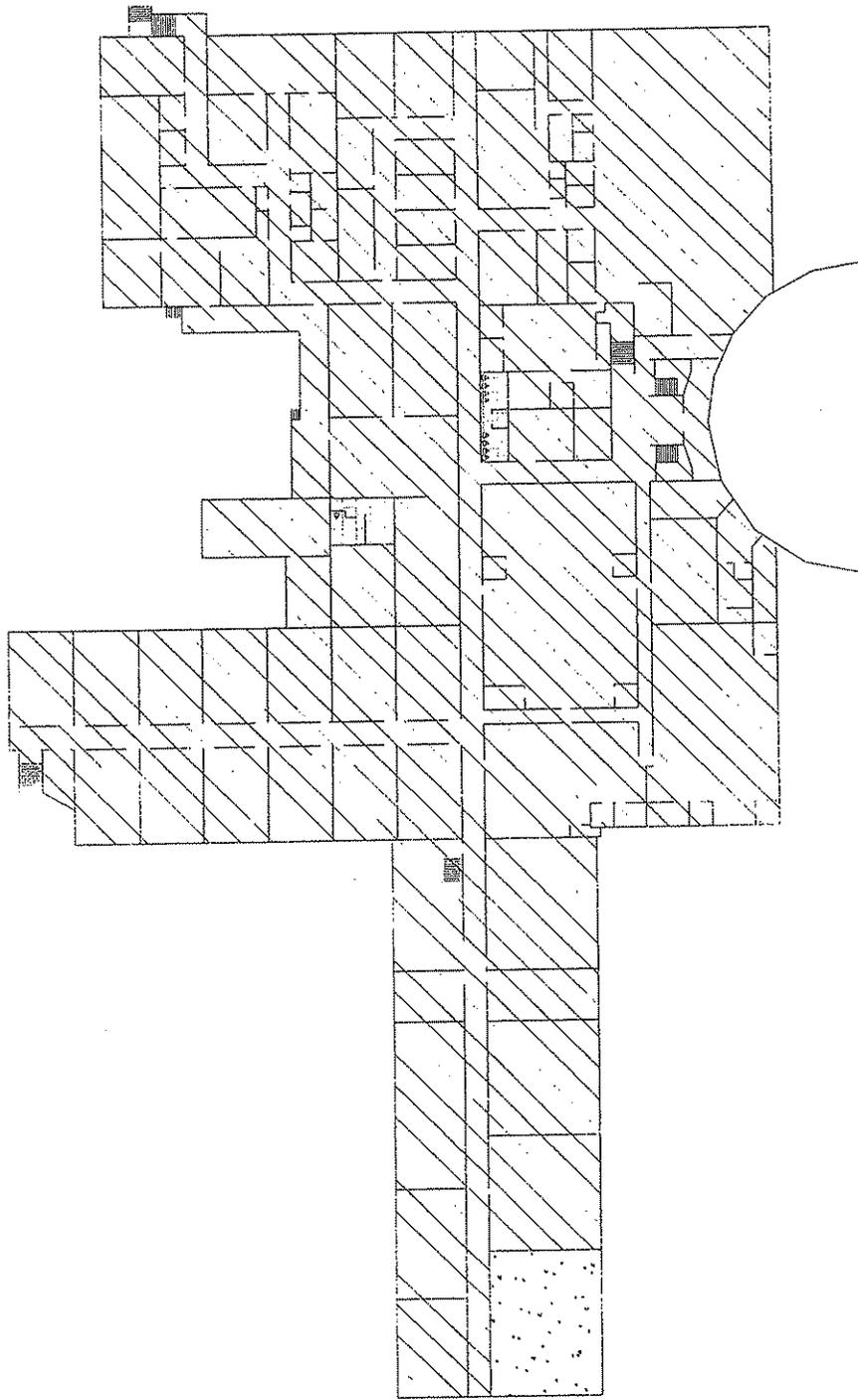
FIRST FLOOR

BASEMENT

- ⊕ Positive Sample Locations
- ⊖ Negative Sample Locations

APPENDIX D

SELECTED ACM LOCATION PLANS



12 x 12 Floor Tile

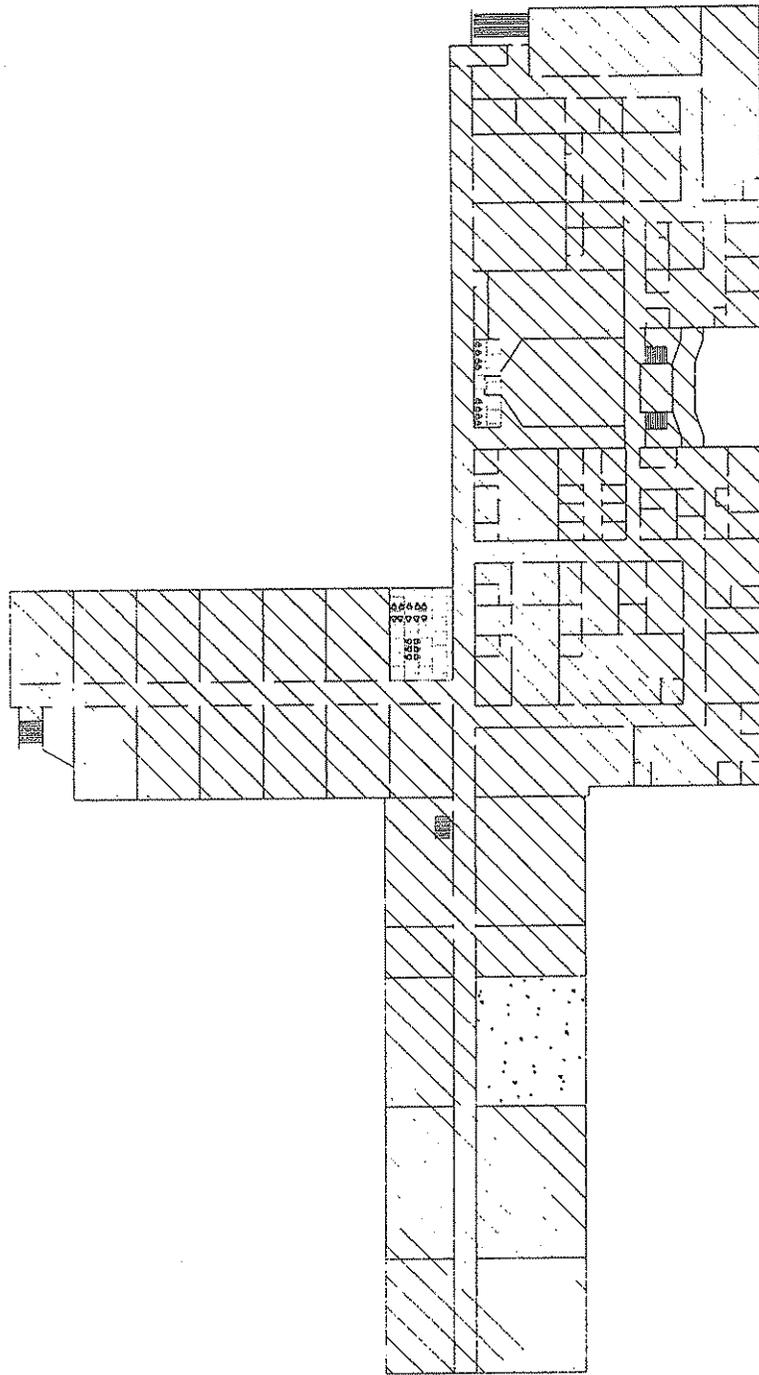
Ceramic Floor Tile

REISZ ENGINEERING

ASBESTOS SURVEY
 DABT02-96-D-0005
 FM705

FIRST FLOOR

BUILDING 1081



9 x 12 Floor Tile

Ceramic Floor Tile

SCALE: 1"=70'

FIGURE 2

ASBESTOS SURVEY
DABT02-96-D-0005
FM705

FIGURE 1: FIRST FLOOR
FIGURE 2: SECOND FLOOR
FIGURE 3: WEST WING (FF)
FIGURE 4: WEST WING (SF)

BUILDING 1081

REISZ ENGINEERING

ATTACHMENT 4
RADIOLOGICAL CLOSEOUT SURVEY REPORTS AND
NRC LICENSE AMENDMENT AND TERMINATION LETTERS

BUILDING 1081
NRC LICENSE AMENDMENT AND TERMINATION LETTERS



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION II
SAM NUNN ATLANTA FEDERAL CENTER
61 FORSYTH STREET SW SUITE 23TB5
ATLANTA, GEORGIA 30303-8931

July 24, 2000

Department of the Army
ATTN: Colonel Patricia L. Nilo
U.S. Army Chemical School
401 Engineer Loop
Fort Leonard Wood, Missouri 65473-8926

SUBJECT: TERMINATION OF LICENSE NO. SNM-1877 (REFERENCE: CONTROL
NO. 258980; DOCKET NO. 070-02934)

Dear Colonel Nilo:

In response to your recent request, enclosed please find termination of your NRC materials license. We have taken this action in response to your letters and Certificate of Disposition (NRC Form 314) dated July 10, 2000.

If there are any errors or questions, please notify this office (ATTN: Ms. Diane Helm at (404) 562-4723) so that we can provide appropriate corrections and answers.

Sincerely,

Orysia Masnyk Bailey, License Reviewer
Division of Nuclear Materials Safety

Enclosure: NRC Materials License Termination

MATERIALS LICENSE
SUPPLEMENTARY SHEET

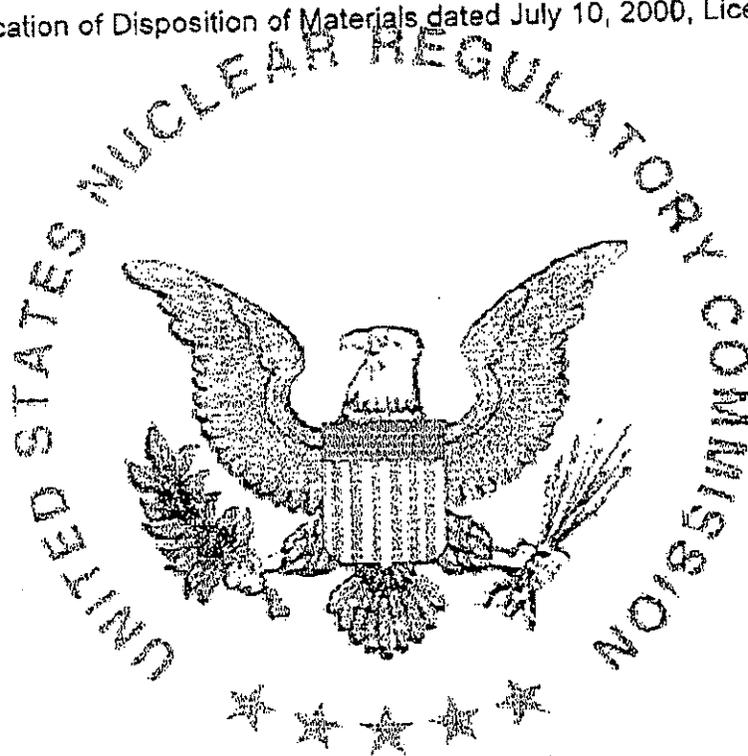
License No.
SNM-1877

Docket or Reference No.
070-02934

Amendment No. 11

Department of the Army
U.S. Army Chemical School
Fort Leonard Wood, Missouri 65473-8926

In accordance with Certification of Disposition of Materials dated July 10, 2000, License No. SNM-1877, is hereby terminated.



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

ORYSIA MASNYK BAILEY

JUL 24 2000

Date

By

Orysia Masnyk Bailey

Region II, Division of Nuclear Materials Safety
61 Forsyth Street, SW, Suite 23T85
Atlanta, GA 30308



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
SAM NUNN ATLANTA FEDERAL CENTER
61 FORSYTH STREET SW SUITE 23T85
ATLANTA, GEORGIA 30303-8931

July 27, 2000

Department of the Army
ATTN: Colonel Patricia L. Nilo
Commandant
U. S. Army Chemical School
Fort Leonard Wood, Missouri 65473-8926

SUBJECT: TRANSMITTAL AND EXPLANATION OF AMENDMENT TO LICENSE NO. 01-02861-05 (REFERENCE CONTROL NO. 258979; DOCKET NO. 030-17584)

Dear Colonel Nilo:

Enclosed please find Amendment No. 15 to your NRC materials license. This action was taken in response to your letter dated June 12, 2000, providing additional survey data obtained at the former Chemical School (Building 1081) at Fort McClellan, Alabama. This information, and the information provided in your March, 2000 Final Survey Report, was compared to the NRC's data obtained during an inspection completed on October 1, 1999. The inspection results were documented in Inspection Report No. 01-02861-05/99-01 issued on March 1, 2000. Additional survey results from the survey conducted in Building 1081 are contained in Enclosure 2 to this letter. The results of this review confirm that Building 1081 meets the criteria for unrestricted release delineated in 10 CFR 20.1402. Accordingly it has been removed from your license. A survey of Alpha Field was not required since the only licensed materials used there were plated U-233 sources and your report indicated that there was no contamination found when the plates were tested.

The following is an update of the remaining issues concerning the burial mound at Pelham Range.

1. The Environmental Assessment for the Decommissioning Plan for the contaminated soil in the burial mound at Pelham Range is under final review and will be published in the Federal Register for public review and comment shortly.
2. We are awaiting your response to our letter dated May 4, 1999. In it we asked what assurance you can provide that contamination is limited to the area of the burial mound. We understand that you plan to address this concern by performing an aerial fly over of the area and have received your fax dated July 12, 2000, which delineates the areas to be considered. Please ensure that the area to be surveyed contains the areas used for radiological exercises at the Pelham Range.
3. We have received your letter dated July 6, 2000, containing information regarding the hydro geologic conditions at the Pelham Range. It will be used to help determine whether the groundwater in the area has been affected by the burial mound.
4. We are also awaiting your response to our letter dated March 1, 2000, asking you to discuss your method of securing any licensed material that may be removed from the mound or accumulated as the work continues.

We have reviewed your November, 1999, Radiological Historical Assessments of the Pelham Range and Main Post as well as your March, 2000, Commodity Site Survey Report. Based on the information provided in these documents and previous NRC inspection activities at Fort McClellan we have determined that the following areas identified in the Commodity Site Survey Report do not require additional attention from the NRC; Buildings 337, 338, 339, 341, 3181, 345, 335, 228, 303-A, 812-1/2, 257, 4416, 256, 3182, and 350, Bromine Field, and Alpha Field. We have no further radiological concerns regarding the use or control of these areas.

No further action is required based on the adequacy and thoroughness of your final surveys, your conservative assessment of the appropriate MARSSIM Class of the areas to be surveyed, your findings that no residual contamination remained, and for the following reasons.

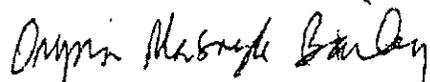
1. Inspectors from the Alabama Department of Radiological Safety and the Federal Environmental Protection Agency were present during the final survey of Building 3181, and based on discussions with them, and review of your report, we have determined that the survey was appropriate and adequate.
2. The materials used in Buildings 228, 256, 257, 303A, 335, 337, 338, 339, 341, 345, 350, 812-1/2, and 4416 were in sealed source form with no history of leaking or contamination or were material not regulated by the NRC.
3. The material used at Bromine Field, Br-82, has a half life of 2.4 days, no contamination can remain, and no survey is required.

We have received your Sampling Plan dated July 20, 2000 for the remaining areas to be surveyed as follows: Buildings T-810, 811, 812, 836 and 837 which housed the original Chemical School in the 1950s; three additional burial or use sites in the Rattlesnake Gulch area, two near the Summerall Gate area and one in the northeast corner of the Anniston Community Center Property; a room in Building 3182, and a location at Range 25 which was used for the testing of prototype actuators.

We will observe the decommissioning and survey activities as time and work load permit. Please advise us if you deviate from the schedule provided in the Sampling Plan.

If you have any questions please call me at (404) 562-4739.

Sincerely,



Orysla Masnyk Bailey, License Reviewer
Division of Nuclear Materials Safety

Enclosures: 1. Amendment No. 15
License No. 01-02861-05
2. Building 1081 Survey Results

cc w/encls: (See page 3)

Department of the Army

3

cc w/encls:
Richard G. Button, Jr.
Environmental Protection Agency
345 Courtland Street, N.E.
Atlanta, GA 30365

James T. Williams
Division of Radiation Control
State of Alabama
Department of Public Health
201 Monroe Street, Suite 700
Montgomery, AL 36104

Lisa Kingsberry
Directorate of Environment
Bldg. 141A 13th Ave.
ATTN: ATZN-EM
Fort McClellan, AL 36205

MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee	In accordance with the letter dated March 20, 2000
1. Department of the Army	3. License No. 01-02861-05
2. U. S. Army Chemical School Fort Leonard Wood, Missouri 65473-8926	is amended in its entirety to read as follows:
	4. Expiration date February 28, 2002
	5. Docket No. 030-17584

6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license
A. Cobalt 60	A. Residual contamination in soil	A. 296 megabecquerels (MBq) (8 millicuries)
B. Cesium 137	B. Residual contamination in soil	B. 18.5 MBq (0.5 millicuries)

9. Authorized use:	A. and B. For possession of residual contamination and to perform decontamination and decommissioning activities.
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CONDITIONS

10. Licensed material shall be used only at the U. S. Army Chemical School, Building 1081, Fort McClellan, Alabama.
11. The Radiation Protection Officer for the activities authorized by this license is John W. May, and in his absence, John E. Aperans, Ronald DeGumbia, Robert L. Stephens, and Thomas Robinson, Jr.
12. Licensed material shall be used by, or under the supervision of individuals designated by the licensee's Radiation Safety Committee and trained in accordance with the application dated November 29, 1990 and the letter with attachments dated February 6, 1992. The licensee shall maintain records of the training and experience of individuals designated as authorized users.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License No.
01-02861-05

Docket No.
030-17584

Amendment No. 15

13. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents including any enclosures, listed below. The Nuclear Regulatory Commission's regulations shall govern unless the statements, representations and procedures in the licensee's application and correspondence are more restrictive than the regulations.
- A. Application dated November 29, 1990
 - B. Letter dated August 29, 1991
 - C. Letter with attachments dated February 6, 1992
 - D. Letter dated May 18, 1998 (changes alternate Radiation Protection Officers)
 - E. Letter dated May 28, 1998 (adds Cobalt and Cesium contamination possession)
 - F. Letter dated July 16, 1998 (additional information)
 - G. Letter dated March 20, 2000 (Final survey for Building 1081 and Alpha Field)
 - H. Letter dated June 12, 2000 (Additional information, deletes Building 1081 and Alpha Field from license, deletes "Broad Scope" use of licensed material, license for possession and decontamination only)

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

ORYSIA MASNYK BAILEY

JUL 27 2000

Date _____

By

Orysia Masnyk Bailey

Region II, Division of Nuclear Materials Safety
61 Forsyth Street, SW, Suite 23T85
Atlanta, GA 30303

Location/Grid	Fixed Point Measurement (dpm/100 cm ²)	uRan/Hr at one meter	Wipe Test Alpha (dpm/100 cm ²)	Wipe Test Beta (dpm/100 cm ²)
Building 1081 Room 0				
4N	79	0	-0.1	-1.3
6M	150	0	-0.1	0.7
7L	32	0	-0.1	0.7
6N	150	-1	0.9	-1.3
5N	339	0	-0.1	-0.3
9H	336	-1	-0.1	-0.3
9I	107	0	-0.1	-1.3
8G	382	0	-0.1	0.7
9E	161	-1	-0.1	1.7
8D	7	0	-0.1	-1.3
10F	232	0	0.9	1.7
7G	68	-1	0.9	-0.3
5B	50	-1	-0.1	-0.3
4C	89	-1	-0.1	-0.3
4A	107	0	-0.1	1.7
6B	196	0	-0.1	-0.3
2D	207	-1	-0.1	-0.3
2E	139	-1	-0.1	2.7
3G	286	-1	-0.1	3.7
3I	218	-1	0.9	-1.3
1I	171	-1	-0.1	-1.3
4D	14	0	-0.1	1.7
5E	57	-1	-0.1	-1.3
6F	-46	-1	-0.1	-0.3
7G	79	-1	0.9	-0.3

Location/Grid	Fixed Point Measurement (dpm/100 cm ²)	µRem/Hr at one meter	Wipe Test Alpha (dpm/100 cm ²)	Wipe Test Beta (dpm/100 cm ²)
6I	1282	-1	-0.1	2.7
5K	32	-1	-0.1	-0.3
5I	657	-1	-0.1	-0.3
6H	-57	-1	-0.1	-0.3
6D	504	0	-0.1	-0.3
BUILDING 1081 PREP LAB				
Inside Fume Hood	-50	0	-0.1	17.70
Floor Surrounding Fume Hood	scan only	--	-0.1	1.7
6B	118	0	-0.1	3.7
4C	175	0	-0.1	-0.3
9C	257	-2	-0.1	2.7
13F	268	2	-0.1	-0.3
12H	361	-1	-0.1	-0.3
14I	307	0	0.9	-1.3
9M	221	3	-0.1	1.7
10L	61	2	0.9	-0.3
6M	314	3	-0.1	0.7
2I	211	2	-0.1	-1.3
4I	14	1	-0.1	-0.3
1G	100	0	-0.1	-1.3
5F	0	0	-0.1	2.7
2D	239	-1	-0.1	0.7
5E	-57	0	-0.1	-1.3
8F	-21	-1	-0.1	-1.3
9I	79	-1	-0.1	1.7
6K	-14	-1	-0.1	0.7

Location/Grid	Fixed Point Measurement (dpm/100 cm ²)	uRm/Hr at one meter	Wipe Test Alpha (dpm/100 cm ²)	Wipe Test Beta (dpm/100 cm ²)
10D	-50	-1	-0.1	0.7
8E	557	-1	-0.1	-1.3
8I	579	-1	-0.1	-0.3
6K	575	0	-0.1	0.7
BUILDING 1081 AREA V - VAULT				
9G	1411	-1	-0.1	2.7
9J	-96	0	0.9	-0.3
6I	-21	0	-0.1	-0.3
4D	-4	0	-0.1	0.7
6E	18	1	-0.1	-0.3
11I	7	-1	0.9	-0.3
13G	179	0	-0.1	-1.3
9F	182	0	-0.1	-1.3
9I	146	0	-0.1	-1.3
8M	29	0	-0.1	0.7
5L	36	0	-0.1	-0.3
2I	221	0	0.9	-0.3
3F	61	1	-0.1	1.7
4B	154	1	-0.1	-1.3
7F	643	0	-0.1	2.7
9G	-61	0	-0.1	-0.3
8I	557	0	-0.1	0.7
BUILDING 1081 - AREA P - LAB 1				
16D	43	0	0.9	3.7
15G	68	-1	-0.1	0.7
14F	18	-1	-0.1	1.7
11H	7	-1	-0.1	0.7

Location/Grid	Fixed Point Measurement (dpm/100 cm ²)	uRem/Hr at one meter	Wipe Test Alpha (dpm/100 cm ²)	Wipe Test Beta (dpm/100 cm ²)
12E	39	-1	-0.1	-1.3
10G	57	-1	-0.1	-1.3
7H	57	-1	-0.1	0.7
6J	75	-1	-0.1	-0.3
6F	100	-1	-0.1	-0.3
4G	107	-1	-0.1	-1.3
10A	246	-1	-0.1	1.7
12B	246	0	-0.1	1.7
14C	232	1	-0.1	-0.3
15B	293	1	-0.1	2.7
6L	114	-1	0.9	-0.3
7K	296	-1	-0.1	-0.3
13L	296	0	-0.1	-1.3
16M	271	0	-0.1	-1.3
19H	418	0	-0.1	0.7
18D	243	0	-0.1	0.7
2I	296	-1	-0.1	-1.3
3D	250	-1	-0.1	0.7
4F	571	-1	-0.1	0.7
8H	579	-1	-0.1	1.7
12D	425	0	-0.1	5.7
15F	650	0	-0.1	-0.3
14I	582	0	-0.1	-0.3
BUILDING 1081 - AREA Q - LAB HALLWAY				
5E	-14	0	-0.1	0.7
8D	61	-1	-0.1	-0.3
11D	-143	0	-0.1	1.7

Location/Grid	Fixed Point Measurement (dpm/100 cm ²)	uRem/Hr at one meter	Wipe Test Alpha (dpm/100 cm ²)	Wipe Test Beta (dpm/100 cm ²)
15E	-46	-1	-0.1	1.7
17B	171	0	-0.1	1.7
7F	50	-1	-0.1	-1.3
7B	207	-1	-0.1	-0.3
10C	121	-1	-0.1	-1.3
BUILDING 1081 - AREA I - JANITOR'S CLOSET				
3C	96	0	-0.1	0.7
3D	-14	-1	-0.1	-0.3
4G	311	0	-0.1	-1.3
5C	161	0	0.9	-0.3
3D	146	0	-0.1	-0.3
2D	-232	-1	-0.1	0.7
BUILDING 1081 - LAB #4				
7E	46	-1	-0.1	0.7
3D	4	-1	-0.1	-1.3
5A	150	0	-0.1	-0.3
3B	129	0	-0.1	0.7
2F	157	3	-0.1	-0.3
3I	304	0	-0.1	-0.3
7H	157	-1	-0.1	0.7
10E	214	-1	0.9	0.7
14B	111	-1	-0.1	-1.3
7C	207	-2	-0.1	-1.3
2G	264	3	-0.1	-0.3
6L	164	-1	-0.1	0.7
13M	393	-1	-0.1	1.7
18H	286	-1	0.9	-0.3

Location/Grid	Fixed Point Measurement (dpm/100 cm ²)	µRem/hr at one meter	Wipe Test Alpha (dpm/100 cm ²)	Wipe Test Beta (dpm/100 cm ²)
14H	61	-2	-0.1	-1.3
10J	-18	-1	-0.1	-0.3
7E	-86	-1	-0.1	-1.3
13E	-36	-2	-0.1	-0.3
BUILDING 1081 - LAB #2				
13F	157	-1	-0.1	-0.3
12Q	196	-1	.09	.07
10Q	-82	-2	-0.1	-0.3
8W	243	-1	-0.1	-1.3
7S	100	-1	-0.1	-0.3
3R	129	-1	-0.1	-0.3
5R	-32	-2	-0.1	-1.3
6O	-71	-1	-0.1	-1.3
2G	264	0	-0.1	0.7
6F	-118	-1	-0.1	2.7
8C	264	-1	0.9	3.7
9F	7	-1	0.9	1.7
7H	-21	-1	-0.1	-1.3
BUILDING 1081 - LAB #7				
7E	-14	-2	-0.1	0.7
1E	161	-1	-0.1	-1.3
4F	-18	-1	-0.1	-0.3
9L	200	-1	0.9	-0.3
10I	-54	-1	-0.1	-0.3
11F	43	-2	-0.1	0.7
BUILDING 1081 VAULT				
9G	429			

Location/Grid	Fixed Point Measurement (dpm/100 cm ²)	uRem/Hr at one meter	Wipe Test Alpha (dpm/100 cm ²)	Wipe Test Beta (dpm/100 cm ²)
9G	364			
LSC SMEARS FOR H-3				
WATER BACKGROUND			138	
9G			13	
9J			-4	
6I			-51	
4D			42	
6E			-5	
9F			5	
5L			7	
9G			27	
8H			4	
BUILDING 1081 - TANK ROOM				
5D	96	-3	-0.1	4.7
7E	293	-3	-0.1	2.7
7C	75	-3	-0.1	4.7
BUILDING 2281- LAB #1				
NORTH WALL - 1 LOW	-136	-3	-0.1	2.7
NORTH WALL - 5 LOW	339	-1	-0.1	2.7
NORTH WALL - 8 LOW	-30	-4	-0.1	8.7
WEST WALL - A LOW	-171	-6	-0.1	2.7
WEST WALL - C LOW	-150	-5	-0.1	2.7
WEST WALL - F LOW	-86	-5	-0.1	5.7
SOUTH WALL - 8 LOW	500	1	0.9	4.7
SOUTH WALL - 5 LOW	532	-1	-0.1	1.7
SOUTH WALL - 2	707	0	-0.1	1.7
EAST WALL - G	671	2	-0.1	0.7

Parcel 64Q Radiological Laboratories, Building 1081, Sibert Hall
The Final Survey Report was submitted to the regulators March 20, 2000. NRC comments were received April 11, 2000. The addendum to the Final Survey Report addressing NRC comments was submitted June 19, 2000. NRC release for unrestricted use and license termination letter dated July 27, 2000 has been received. The Alabama Department of Public Health and EPA concurrence letters were received August 16 and September 11, 2000, respectively.

Parcel 79(6) Landfill No. 2

An EECA is currently underway for Landfill No. 2, a draft EECA Report is expected to be submitted in March 2001.

Comment 2: The Draft ECOP is very draft and should be evaluated and edited for completeness and readability. There are incomplete sentences and typographical errors. EPA review of the revised document will be facilitated by a thorough and complete review within the Army prior to your re-submission or revision.

Response: Comment noted.

Comment 3: The proposed transfer includes numerous properties that are environmentally encumbered to a degree. I would suggest that to remove ambiguity, clear statements regarding future investigations, cleanup, response actions, and liability be substituted. This comment applies to this and all future transfer documents. Clear concise statements reduce ambiguity and the resulting questions and comments from the Regulatory Community.

Response: Comment noted.

Comment 4: There are numerous comments regarding the Above Ground Storage Tanks and the Underground Storage Tanks. When responding or revising the document, please revise the other portions impacted by any change in Army position regarding storage, release, or jurisdiction, etc.

Response: All portions of the text, including Section 3.3.1 and 3.3.2 will be revised to reflect the comment.

Comment 5: Due to the belated recent discovery of OE/UXO on unrelated, but none the less, transferred Fort McClellan property, confidence in the completeness and accuracy of the Archive Search Report, (ASR) for Fort McClellan within EPA continues to wain. I am confident that the Army is likewise concerned that all transferred property is free of OE/UXO and concerned with the ASR findings also. Due to the proximity of some of the CDP property addressed by this ECOP to previously suspect UXO contaminated property, I would highly recommend that the Army consider ground confirmation of the ASR findings relative to the CDP property. Due to the nature of the training, and live Agent storage within the CDP, an incident involving UXO on this property could likely be more disastrous.

Response: The following text will be added to Section 3.9 of the ECOP:

Based on a review of existing records and available information, the Property is not known or suspected to contain ordnance or explosives (USACE, 1999). A portion of a 37 mm anti-tank range fan was identified as possibly overlapping the eastern-most boundary of the property. An extensive ground reconnaissance was performed on this overlapping portion of the property to investigate the potential presence of OE. No OE was found during this reconnaissance and the area was relatively clear of trash and debris. Based on these findings, it is believed that OE is not present on the Property. However, since OE has been found on adjoining property, there is a potential for OE to be present in the vicinity of the areas of the granted property, which may pose an explosive safety hazard. The U.S. Army intends to investigate the surrounding property. The investigation may have an impact on the property through use of exclusion zones that intersect the property. The Letter of Transfer will contain the potential for the presence of ordnance and explosives notice provided in the Environmental Protection Provisions (Attachment 1).

The following notice will be added to the EPPs :

NOTICE OF THE POTENTIAL FOR THE PRESENCE OF ORDNANCE AND EXPLOSIVES

An archival search conducted during compilation of the Fort McClellan Comprehensive Environmental Response Facilitation Act (CERFA) Report and the Archives Search Report for Ordnance, Ammunition, and Explosives/Chemical Warfare Materials found there are potential ordnance-related training areas within or immediately adjacent to the Property. An extensive ground reconnaissance was performed on the areas of the property suspected of potential OE contamination. No evidence of OE was found during this investigation. However, in the event the Transferee, its successors, and assigns, should discover any ordnance on the Property, it shall not attempt to remove or destroy it, but shall immediately notify local law enforcement personnel who will notify the nearest military Explosives Ordnance Disposal (EOD) unit to dispose of such ordnance properly at no expense to the Transferee, whenever OE may be discovered.

General Comments

Comment 1: A table of contents should be provided.

Response: A table of contents will be provided.

Comment 2. A complete list of acronyms should be provided.

**RESPONSE TO COMMENTS
BY THE ASSOCIATE GENERAL COUNSEL, DEPARTMENT OF JUSTICE
DRAFT ENVIRONMENTAL CONDITION OF PROPERTY
DEPARTMENT OF JUSTICE (DOJ), CENTER FOR DOMESTIC
PREPAREDNESS
FORT McCLELLAN, ALABAMA**

Comment 1: Page 1, Fourth Paragraph – As some confusion has arisen in the part regarding Sibert Hall (apparently there have been two buildings designated as Sibert Hall on the Fort McClellan compound), some explanation of which Sibert Hall is being addressed, and a note relating to the now-defunct Sibert Hall, might be appropriate in order to avoid confusion.

Response: Building 1081 was constructed in three phases. The original portion known as Faith Hall was built in 1954. Part of the Academic Facility was added in 1977. The last portion of the Academic Facility known as Sibert Hall was constructed in 1989.

The Academic Facility within Building 1081 constructed in 1989 known as Sibert Hall is the facility included in the ECOP.

Comment 2: Page 2, Third Paragraph – Reference is made to building 303. Has the Office of Justice Programs (OJP) committed to taking this building and the attached structures?

Response: Yes. Building 303 was in OJP's original property request.

Comment 3: Page 4, First Paragraph – For the four above-ground storage tanks (ASTs) at this site, the draft ECOP states that based “on review of existing records, there is no documentation of any release or disposal of hazardous substances.” Was any additional investigation done to confirm this statement such as visual inspection and/or sampling of the area(s) below and adjacent to the ASTs?

Response: As stated in Section 3.0 physical and visual inspections were conducted for the Property including ASTs. In addition, sampling for areas below and adjacent to the ASTs was conducted during the baseline environmental investigation activities.

Comment 4: Page 4, Second Paragraph – The referenced baseline environmental investigation report for the Chemical Defense Training Facility (CDTF) should be provided to the Center for Domestic Preparedness (CDP) and its contractor as soon as possible.



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
HEADQUARTERS, 81ST REGIONAL SUPPORT COMMAND
255 WEST OXMOOR ROAD
BIRMINGHAM, ALABAMA 35209-6383

AFRC-CAL-EN (200-1)

JUL 29 2002

MEMORANDUM FOR Commander, 81st Regional Support Command (RSC) Facilities

SUBJECT: Air Quality

1. The 81st Regional Support Command (RSC) has completed a command survey to identify sources of air pollution emissions. At this time, there is no stationary or mobile air pollution sources identified, which would constitute the submission of a Title V, Air Pollution Control permit application.
2. This memorandum should be used to avoid negative Environmental Compliance Assessment Army Reserve findings as it relates to Air Quality. This memorandum is to be filed and maintained in the Environmental Records Binder. The point of contact for this action is Deputy Chief of Staff, Installation Management, Chief, Environmental Division at 877-749-9063, ext 1588.

A handwritten signature in black ink, appearing to read "Michael O'Steen".

MICHAEL O'STEEN
Facility Management Officer



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
HEADQUARTERS, 81ST REGIONAL SUPPORT COMMAND
255 WEST OXMOOR ROAD
BIRMINGHAM, ALABAMA 35209-6383

JUL 29 2002

AFRC-CAL-EN (200-1)

MEMORANDUM FOR Commander, 81st Regional Support Command (RSC) Facilities

SUBJECT: Pesticide Application

1. The 81st Regional Support Command (RSC) has completed a command survey to determine its compliance with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) as outlined in United States Code 136-136y.
2. In accordance with the 81st RSC, Pest Management Program, all pest control services for facilities under the command of the 81st RSC shall use government contracting services to procure qualified vendors for the application of pesticides and other nuisance organism control products. No facility personnel may apply, transport, or store restricted pesticides and therefore do not require certification set forth in Title 40 of the Code of Federal Regulation, Part 171.3.
3. This memorandum should be used to avoid negative Environmental Compliance Assessment Army Reserve findings as it relates to FIRFA. This memorandum is to be filed and maintained in the Environmental Records Binder. Point of contact for this action is Deputy Chief of Staff, Installation Management, Chief, Environmental Division at 877-749-9063, ext 1588.

MICHAEL O'STEEN
Facility Management Officer

ASBESTOS INSPECTION REPORT
UNITED STATES ARMY RESERVE
FT. McCLELLAN, ALABAMA
(AL079)



Prepared for:

UNITED STATES ARMY RESERVE
81st REGIONAL READINESS COMMAND
BIRMINGHAM, ALABAMA



Prepared by:

ENVIRONMENTAL ENTERPRISE GROUP, INC.
1345 BARRACKS AVENUE
NORTH CHARLESTON, SOUTH CAROLINA

MARCH 2005

ASBESTOS INSPECTION REPORT

UNITED STATES ARMY RESERVE CENTER



FT McCLELLAN, ALABAMA

BLDG. 1081 - FAITH WING

(AL079)

Approved by _____ Date _____

Prepared by _____ Date _____

Environmental Enterprise Group
1345 Barracks Road
North Charleston, SC, 29405-2106
(843) 202-8003

**UNITED STATES ARMY
RESERVE CENTER
FT McCLELLAN, ALABAMA
(AL079)**

**ASBESTOS INSPECTION
REPORT**

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II. BUILDING SUMMARIES..... SECTION II

<u>BUILDINGS</u>	<u>Page No.</u>
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III. TRAINING RECORDS..... SECTION III

US ARMY RESERVE CENTER – FT McCLELLAN (AL079)

ASBESTOS INSPECTION REPORT

EXECUTIVE SUMMARY

1. INTRODUCTION

Asbestos Building Inspectors Mark Moltzen and Terry Lewis from the Environmental Enterprise Group, Inc. (EEG) of Charleston, SC conducted an inspection to identify asbestos containing building material (ACBM) at the US Army Reserve Center (Faith Wing) located in Fort McClellan, Alabama. The inspection was conducted on 10 December 2004 and the results of the inspection provide an inventory of ACBM in one (1) building.

All inspectors were certified by an EPA accredited training center under the Asbestos Hazard Emergency Response Act (AHERA), as Building Inspectors. All Inspectors and Management Planners are employees of EEG, Inc. and copies of inspector licenses are located in the **TRAINING** section of this report.

Suspect ACBM was identified and sampled in accordance with AHERA-style guidelines (See Paragraph 5 for sampling strategy). Some materials suspected of being ACBM may not have been assumed to be ACBM and not sampled. Assumed materials may include floor tile and ventilation transition boots. Some materials may not have been identified as ACBM because they were portable and removable (e.g. blackboards, fire hoses), were not safe to sample (e.g. electrical insulation), or sampling would have damaged the material and impaired the normal system operation/integrity (e.g. heating/ventilation/AC systems, furnace, boiler door and pipe gaskets).

Bulk samples were analyzed by the Environmental Hazards Services (EHS) laboratory of Richmond, Virginia. EHS is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP) and the American Industrial Hygiene Association (AIHA) for asbestos analysis. Polarized Light Microscopy (PLM) was used to analyze samples.

Materials identified as ACBM and either sampled or assumed were designated a homogeneous area by similarity of color, texture and date of application. Each homogeneous area was assessed in accordance with the "Asbestos Facility Inventory/Assessment Protocol," NEESA 70.2-010, Developed by the Naval Facilities Engineering Service Center (NFESC).

US ARMY RESERVE CENTER – FT McCLELLAN (AL079)

ASBESTOS INSPECTION REPORT

The NFESC protocol establishes an algorithm rating for each homogeneous area based on condition, quantity, friability, exposure potential, number of persons exposed, building significance and percentage of asbestos present in the material. The ***BUILDING SUMMARY TABLES*** lists the ratings for each homogeneous area. The rating is heavily weighted by condition, friability, exposure potential and building significance. The higher the rating, the more attention is needed for this material. For the purposes of this inspection, all buildings were listed as essential and occupied during the inspection.

2. **FINDINGS SUMMARY**

BUILDING 1081 (Main Reserve Center): No confirmed ACBM was found in this building.

See individual Building Summaries for detailed information on these materials. Buildings containing asbestos are required to be included in an Operations and Maintenance (O&M) Program. Any identified asbestos containing material not removed must be maintained following the guidelines of an O&M Plan.

3. **RENOVATION/DEMOLITION**

The National Emission Standard for Hazardous Air Pollutants (NESHAP) 40 CFR Part 61 requires written notification to the state and/or local environmental regulators at least ten working days prior to renovation or demolition of ACBM in quantities of 260 linear feet, 160 square feet, 35 cubic feet, or greater, except in cases of emergencies.

Contractors are advised to verify most current regulations with the state and/or local environmental regulators prior to start of any work.

US ARMY RESERVE CENTER – FT McCLELLAN (AL079)

ASBESTOS INSPECTION REPORT

4. REPORT ORGANIZATION

Specific, detailed information on each inspected building is noted in the *BUILDING SUMMARIES* section of this report and include the following:

Photos of existing buildings

Narrative description of the building with findings and recommendations

Building Summary Table

Report Summary Table

Laboratory Test Results Table

Operations and Maintenance Table, if applicable

CADD drawing showing sample locations

Chain of Custody and laboratory results forms

Following the *BUILDING SUMMARIES* is a tabbed section for *TRAINING*. Copies of each inspector's appropriate certificates and laboratory accreditations are included there.

5. SAMPLING STRATEGY

The sampling and analysis of bulk samples was conducted in accordance with established AHERA guidelines. Unless otherwise stated, the following sampling scheme was utilized during the survey:

Thermal System Insulation (TSI)

- 1) A minimum of 1 sample was taken of each homogenous area <6 linear feet (LF) or <6 square feet (SF).
- 2) A minimum of 3 samples was taken of each homogenous area >6 LF or > 6 SF.

Surfacing Materials

- 1) A minimum of 3 samples were taken of each homogeneous area of material 1000 SF or less.
- 2) A minimum of 5 samples were taken of each homogenous area of material greater than 1000 SF but less than 5000 SF.
- 3) A minimum of 7 samples were taken of each homogenous area of material greater than 5000 SF.

Miscellaneous Materials (Including floor tiles, ceiling tiles and mastics)

A minimum of 2 samples

US ARMY RESERVE CENTER – FT McCLELLAN (AL079)
ASBESTOS INSPECTION REPORT

6. **DISCLAIMER**

A comprehensive and thorough asbestos inspection was conducted on these facilities by certified and experienced Environmental Enterprise Group asbestos inspectors. Every effort was made to identify all ACM in the facility, but due to random sampling techniques mandated by EPA regulations and the non-destructive sampling policy for this project, the possibility always exists that some ACM remains undetected.

**US ARMY RESERVE CENTER - FT McCLELLAN
ASBESTOS BUILDING INSPECTION**

REPORT SUMMARY TABLE

Bldg No.	Bldg Name or Description	Year Built	Sq. Ft.	Number of Homogeneous Areas			Comments
				Total	Assumed	Confirmed	
1081	Faith Wing Reserve Center	1960	31,300	8	0	0	No asbestos detected in this building

NOTES: N/A

US ARMY RESERVE CENTER – FT McCLELLAN (AL079)
ASBESTOS INSPECTION REPORT

BUILDING SUMMARIES

The following pages report observations noted and suggest actions required as a result of an asbestos inspection conducted by Environmental Enterprise Group, Inc. in December of 2004. One (1) building at the US Army Reserve Center located in Fort McClellan, AL was inspected for possible presence of suspect/assumed asbestos. This section provides *Description, Findings, Observations, Recommended Abatement Action, and Recommendations for Operations and Maintenance* for each building inspected.

The room numbers shown on the CADD drawings and referenced in this report were assigned by the inspectors at the time of inspection unless previous room numbers were assigned and displayed.

Some room numbers are prefixed by a letter to indicate the type of room; **E** indicates an entry to the building, **H** indicates a hallway, **R** indicates a roof, **S** indicates a stairwell, **A** is an attic area and **B** indicates basement rooms.



Building 1081 (Faith Wing) - Main Reserve Building
US Army Reserve Center - Ft McClellan, AL (AL079)

US ARMY RESERVE CENTER – FORT McCLELLAN, AL
ASBESTOS INSPECTION REPORT

BUILDING 1081: Faith Wing Reserve Center

1. DESCRIPTION:

Building 1081 is a 31,300 square-foot building constructed in the 1960s. It is a concrete block structure with tar & gravel roofing. The following information was identified during the survey and from the analysis of the samples taken:

- Eight homogeneous areas were identified during the initial survey.
- No homogeneous areas were assumed to contain asbestos.
- Eight of the homogeneous areas were suspected to contain asbestos and sampled to confirm.
- No suspected homogeneous areas were confirmed to contain asbestos.

2. FINDINGS:

Eight homogeneous areas with suspected ACM were identified. Sixteen samples were collected and analyzed. Sample results are summarized in the Laboratory Test Results table in this section. Asbestos was not found in any homogeneous areas.

Confirmed ACM. The following homogeneous areas sampled were confirmed to contain asbestos: **NONE**

Asbestos Free. Asbestos was not detected in the following homogeneous areas:

- H-1: MISC, FLOOR TILE & MASTIC, 12" white tile w/gray & beige marbling/mastic
- H-2: MISC, SHEETROCK/MUD, White
- H-3: MISC, ACOUSTICAL TILE, White w/pinholes & grooves
- H-4: MISC, SHEET FLOORING, Pink & white linoleum/mastic
- H-5: MISC, GLAZING, WINDOW INTERIOR, Beige
- H-6: TSI, PIPE, AIRCELL, Brown
- H-7: TSI, FITTING, MUDDERED, Gray
- H-8: MISC, ROOFING, TAR AND GRAVEL, Black

Assumed ACM. The following homogeneous areas were assumed to contain asbestos: **NONE**

3. OBSERVATIONS: Ceiling tiles replaced within past 6-7 years and are not considered to be suspect material.

4. RECOMMENDED ABATEMENT ACTIONS:

5. RECOMMENDATIONS FOR OPERATIONS AND MAINTENANCE:

BUILDING SUMMARY TABLE

US ARMY RESERVE CENTER - FT McCLELLAN ASBESTOS BUILDING INSPECTION

Building No. 1081

H- No	ACM Y,N,A	Material Description	Quantity	Rating	Fria- bility	Cond	% D	Recommended Action	Abate Cost	Comments
1	N	Misc, FLOOR TILE & MASTIC, 12" white tile w/gray & beige marbling/mastic Rooms B-104, H-100, various	SF	0						
2	N	Misc, SHEETROCK/MUD, White Rooms 115, 205a, various	SF	0						
3	N	Misc, ACOUSTICAL TILE, White w/pinholes & grooves Rooms 111	SF	0						
4	N	Misc, SHEET FLOORING, Pink & white linoleum/mastic Rooms 120	SF	0						
5	N	Misc, GLAZING, WINDOW INTERIOR, Beige Rooms H-100, H-200	SF	0						
6	N	TSI, PIPE, AIRCELL, Brown Rooms Crawlspace	SF	0						
7	N	TSI, FITTING, MUDDERED, Gray Rooms Crawlspace	SF	0						
8	N	Misc, ROOFING, TAR AND GRAVEL, Black Rooms Roof	SF	0						

Note: Asbestos abatement cost estimates are not included in this report.

H-No= Homogenous Area Number, ACM= Asbestos Containing Material: Y=Yes, N= No, A= Assumed, TSI= Thermal System Insulation, Misc= Miscellaneous, Quantity: SF= Square Footage, LF= Linear Feet, Friability: Mod= Moderate, Condition: PD= Potential for Damage, D= Damaged, SD= Significantly Damaged, Recommended Action: O&M= Operation and Maintenance

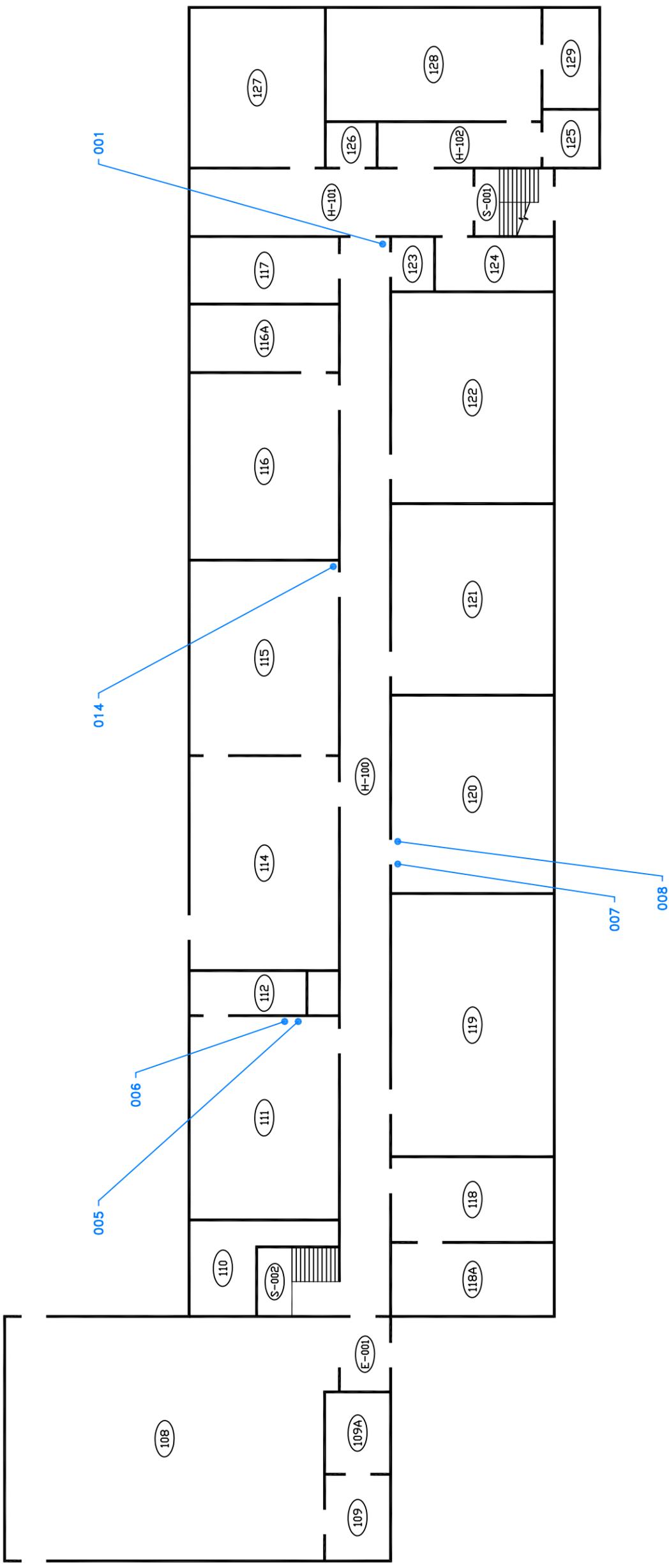
LABORATORY TEST RESULTS TABLE

**US ARMY RESERVE CENTER - FT McCLELLAN
ASBESTOS BUILDING INSPECTION
INDUSTRIAL LABORATORY TEST REPORT**

Building No. 1081

Hom. Area No.	ASB Y/N	Sample Number	Room Number	Material Description:	Date Sampled	Date Analyzed	Sample Results	Percent Asbestos
1	NO	FaithWng-001	H-100	Misc, FLOOR TILE & MASTIC, 12" white tile w/gray & beige marblin	12/10/04	12/21/04	No Asbestos Detected	0%
1	NO	FaithWng-002	B-104	Misc, FLOOR TILE & MASTIC, 12" white tile w/gray & beige marblin	12/10/04	12/21/04	No Asbestos Detected	0%
2	NO	FaithWng-003	205a	Misc, SHEETROCK/MUD, White	12/10/04	12/21/04	No Asbestos Detected	0%
2	NO	FaithWng-004	115	Misc, SHEETROCK/MUD, White	12/10/04	12/21/04	No Asbestos Detected	0%
3	NO	FaithWng-005	111	Misc, ACOUSTICAL TILE, White w/pinholes & grooves	12/10/04	12/21/04	No Asbestos Detected	0%
3	NO	FaithWng-006	111	Misc, ACOUSTICAL TILE, White w/pinholes & grooves	12/10/04	12/21/04	No Asbestos Detected	0%
4	NO	FaithWng-007	120	Misc, SHEET FLOORING, Pink & white linoleum/mastic	12/10/04	12/21/04	No Asbestos Detected	0%
4	NO	FaithWng-008	120	Misc, SHEET FLOORING, Pink & white linoleum/mastic	12/10/04	12/21/04	No Asbestos Detected	0%
5	NO	FaithWng-009	H-200	Misc, GLAZING, Beige	12/10/04	12/21/04	No Asbestos Detected	0%
5	NO	FaithWng-010	H-200	Misc, GLAZING, Beige	12/10/04	12/21/04	No Asbestos Detected	0%
6	NO	FaithWng-011	Crawlspace	TSI, PIPE, Brown	12/10/04	12/21/04	No Asbestos Detected	0%
6	NO	FaithWng-012	Crawlspace	TSI, PIPE, Brown	12/10/04	12/21/04	No Asbestos Detected	0%
6	NO	FaithWng-013	Crawlspace	TSI, PIPE, Brown	12/10/04	12/21/04	No Asbestos Detected	0%
7	NO	FaithWng-014	Crawlspace	TSI, FITTING, Gray	12/10/04	12/21/04	No Asbestos Detected	0%
8	NO	FaithWng-015	Roof	Misc, ROOFING, Black	12/10/04	12/21/04	No Asbestos Detected	0%
8	NO	FaithWng-016	Roof	Misc, ROOFING, Black	12/10/04	12/21/04	No Asbestos Detected	0%

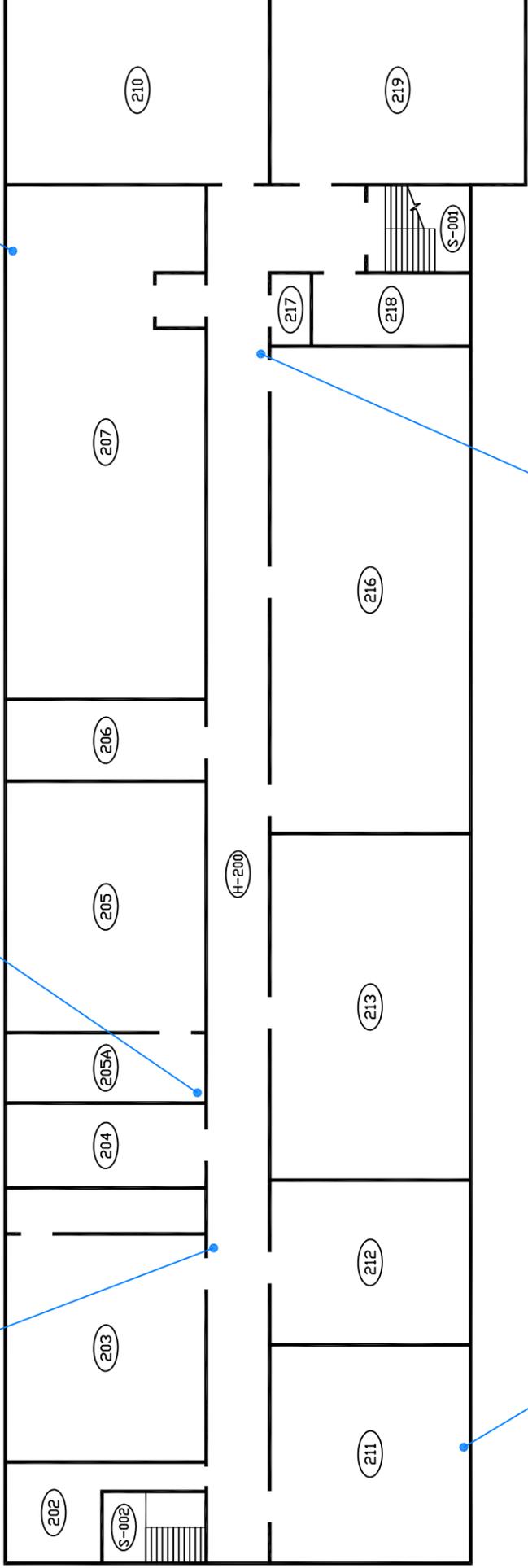
TEST METHOD: Method for the determination of Asbestos in bulk building materials (EPA/600/R-93/116) DETECTION LIMIT: 1%



LEGEND

- (XXX) --- Indicates unique room number assigned by inspector
- XXX --- Indicates sample locations which tested positive for asbestos

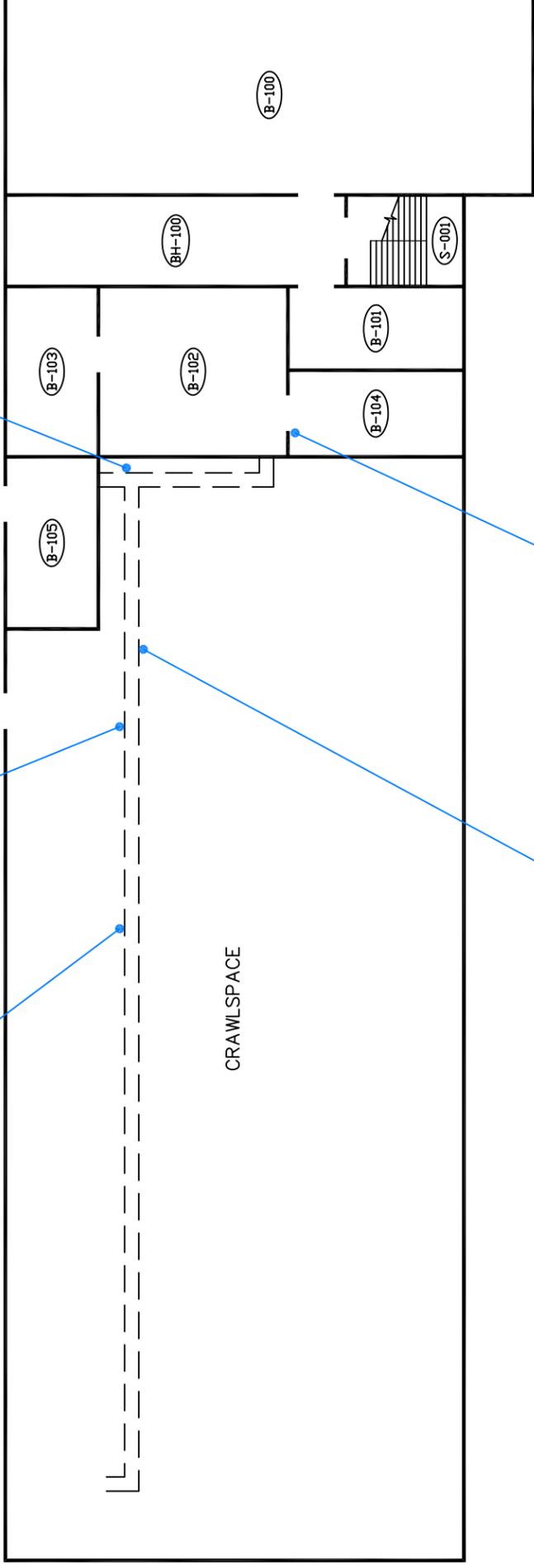
ENVIRONMENTAL ENTERPRISE GROUP, INC. 1345 Barracks Rd. NORTH CHARLESTON, SOUTH CAROLINA 29405	
ASBESTOS SAMPLE LOCATIONS BUILDING 1081 - FIRST FLOOR ARC FT MCCLELLAN (AL079) FT MCCLELLAN, ALABAMA	
DATE 01-28-05	PREPARED BY T. LEWIS
SCALE NONE	DWG NUMBER eeeginc_AL079_Bldg1081_1st Fl
	DRAWN BY J.J. BROWNLEE
	REV -
	SHEET 1 OF 1



LEGEND

- (XXX) --- Indicates unique room number assigned by inspector
- XXX --- Indicates sample locations which tested positive for asbestos

ENVIRONMENTAL ENTERPRISE GROUP, INC. 1345 Barracks Rd. NORTH CHARLESTON, SOUTH CAROLINA 29405			
ASBESTOS SAMPLE LOCATIONS BUILDING 1081 - SECOND FLOOR ARC FT MCCLELLAN (AL079) FT MCCLELLAN, ALABAMA			
DATE	PREPARED BY	DRAWN BY	REV
01-28-05	T. LEWIS	J.J. BROWNLEE	-
SCALE	DWG NUMBER	SHEET	1 OF 1
NONE	eeeginc_AL079_Bldg1081_2nd Fl		



LEGEND

- (XXX) --- Indicates unique room number assigned by inspector
- XXX --- Indicates sample locations which tested positive for asbestos

ENVIRONMENTAL ENTERPRISE GROUP, INC. 1345 Barracks Rd. NORTH CHARLESTON, SOUTH CAROLINA 29405			
ASBESTOS SAMPLE LOCATIONS BUILDING 1081 - BASEMENT & CRAWLSPACE ARC FT MCCLELLAN (AL079) FT MCCLELLAN, ALABAMA			
DATE	PREPARED BY	DRAWN BY	REV
01-28-05	T. LEWIS	J.J. BROWNLEE	-
SCALE	DWG NUMBER	SHEET	1 OF 1
NONE	eehinc_AL079_Bldg1081_Bt&Crap		

ENVIRONMENTAL HAZARDS SERVICES, L.L.C.

7469 WHITE PINE ROAD - RICHMOND, VA 23237

804-275-4788 FAX 804-275-4907

BULK ASBESTOS SAMPLE ANALYSIS SUMMARY

CLIENT: Environmental Enterprise Group, Inc.
1345 Barracks Road
North Charleston, SC 29405

DATE OF RECEIPT: 20 DEC 2004
DATE OF ANALYSIS: 21 DEC 2004
DATE OF REPORT: 22 DEC 2004

CLIENT NUMBER: 42-4515 B
EHS PROJECT #: 12-04-2476
PROJECT: USARC Ft. McClellan, AL; Building #1081

EHS SAMPLE #	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
01A	ARC-FaithWng-001(a)-Tile/ Off-White/Pale Gray Gran.	NAD	100% Non-Fibrous
01B	ARC-FaithWng-001(b)-Mastic/ Black Adhes.	NAD	12% Cellulose 88% Non-Fibrous
02A	ARC-FaithWng-002(a)-Tile/ Off-White/Pale Gray Gran.	NAD	100% Non-Fibrous
02B	ARC-FaithWng-002(b)-Mastic/ Black Adhes.	NAD	15% Cellulose 85% Non-Fibrous
03	ARC-FaithWng-003/ Off-White/White Brittle; Beige Fib.	NAD	15% Cellulose 3% Fibrous Glass 82% Non-Fibrous
04	ARC-FaithWng-004/ White/Pale Beige Brittle; Beige Fib.	NAD	9% Cellulose 1% Fibrous Glass 90% Non-Fibrous
05	ARC-FaithWng-005/ Tan Fib.; Blue/White Brittle	NAD	90% Cellulose 10% Non-Fibrous
06	ARC-FaithWng-006/ Tan Fib.; Blue/White Brittle	NAD	90% Cellulose 10% Non-Fibrous
07A	ARC-FaithWng-007(a)-Flooring/ Pale Pink/White Vinyl-Like; Pale Gray Fib.	NAD	25% Cellulose 10% Fibrous Glass 65% Non-Fibrous
07B	ARC-FaithWng-007(b)-Mastic/ Yellow Adhes.	NAD	8% Cellulose 2% Hair 90% Non-Fibrous
08A	ARC-FaithWng-008(a)-Flooring/ Pale Pink/White Vinyl-Like; Pale Gray Fib.	NAD	25% Cellulose 10% Fibrous Glass 65% Non-Fibrous

ENVIRONMENTAL HAZARDS SERVICES, L.L.C.

CLIENT NUMBER: 42-4515 B
EHS PROJECT #: 12-04-2476
PROJECT: USARC Ft. McClellan, AL; Building #1081

EHS SAMPLE #	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
08B	ARC-FaithWng-008(b)-Mastic/ Yellow Adhes.	NAD	8% Cellulose 2% Hair 90% Non-Fibrous
09	ARC-FaithWng-009/ Beige/Off-White Brittle	NAD	100% Non-Fibrous
10	ARC-FaithWng-010/ Beige/Off-White Brittle	NAD	100% Non-Fibrous
11	ARC-FaithWng-011/ Tan/Dk. Brown Fib.; Off-White Brittle	NAD	70% Cellulose 10% Hair 20% Non-Fibrous
12	ARC-FaithWng-012/ Tan Fib.; Off-White Brittle	NAD	80% Cellulose 15% Synthetic 5% Non-Fibrous
13	ARC-FaithWng-013/ Tan Fib.; Off-White Brittle	NAD	80% Cellulose 15% Hair 5% Non-Fibrous
14	ARC-FaithWng-014/ Pale Gray Fib.	NAD	5% Cellulose 50% Fibrous Glass 45% Non-Fibrous
15	ARC-FaithWng-015/ Black Pliable; Black Fib.	NAD	30% Cellulose 15% Fibrous Glass 55% Non-Fibrous
16	ARC-FaithWng-016/ Black Pliable; Black Fib.	NAD	25% Cellulose 20% Fibrous Glass 55% Non-Fibrous

QC SAMPLE: M2-1999-1

QC BLANK: SRM 1866 Fiberglass

REPORTING LIMIT: 1% Asbestos

METHOD: Polarized Light Microscopy, EPA Method 600/R-93/116 *

ANALYST: Mark Case

Reviewed By Authorized Signatory: _____

Howard Varner, Laboratory Director
Irma Faszewski, Quality Assurance Coordinator
David Xu, MS, Senior Chemist
Feng Jiang, MS, Senior Geologist
Michael A. Mueller, Quality Assurance Manager

ENVIRONMENTAL HAZARDS SERVICES, L.L.C.

CLIENT NUMBER: 42-4515 B
EHS PROJECT #: 12-04-2476
PROJECT: USARC Ft. McClellan, AL; Building #1081

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Results represent the analysis of samples submitted by the client. Sample location, description, area, volume, etc., was provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of Environmental Hazards Services, L.L.C. California Certification #2319 NY ELAP #11714. All information concerning sampling location, date, and time can be found on Chain-of-Custody. Environmental Hazards Services, L.L.C. does not perform any sample collection.

Environmental Hazards Services, L.L.C. recommends reanalysis by point count (for more accurate quantification) or Transmission Electron Microscopy (TEM), for enhanced detection capabilities) for materials regulated by the EPA NESHAP (National Emission Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

* All California samples analyzed by Polarized Light Microscopy, EPA Method 600/M4-82-020, Dec. 1982.

LEGEND NAD = no asbestos detected
 SCF = suspected ceramic fibers

plm1.dot/29OCT2004/ MR

-- PAGE 03 of 03 -- END OF REPORT --

LEAD-BASED PAINT SURVEY FINAL REPORT

United States Army Reserve Center
Ft McClellan, AL (AL079)



Prepared for:
U. S. Army Reserve Center
81st Regional Readiness Command
Birmingham, Alabama



Prepared by:
Environmental Enterprise Group, Inc.
1345 Barracks Rd
North Charleston, SC 29405

April 2005

DISCLAIMER

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Information provided in this document is provided 'as is' without warranty of any kind, either express or implied, including but not limited to the implied warranties of merchantability, fitness for a particular purpose and freedom from infringement. The user assumes the entire risk as to the accuracy and the use of this document.

This survey is of readily accessible areas of the building and is limited to visual observations and XRF analysis of apparent conditions/components tested and existing at the time of the survey only. Latent and concealed defects and deficiencies are excluded from the survey; equipment items and systems were not dismantled. EEG assumes no responsibility or obligation to update these findings.

Maintenance and other items may be discussed, but they are not a part of this survey. The report is not a compliance survey or certification for past or present governmental codes or regulation of any kind, unless specifically stated for that purpose. The survey and report only address the presence of or danger from the potentially harmful substance of lead in paint. The survey and report do not address the presence of or danger from other potentially harmful substances and environmental hazards including but not limited to radon, asbestos, urea formaldehyde, toxic or flammable chemicals, and water and airborne hazards. Also excluded are surveys of and report on wells, septic systems, security systems, central vacuum systems, sprinkler systems, fire and safety equipment and the presence of rodents, termites, and other insects.

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ACRONYM LIST

CFR	Code of Federal Regulations
CLR	Color
CND	Condition
DI	Depth Index
EEG	Environmental Enterprise Group
EPA	U. S. Environmental Protection Agency
FEAT	Feature
HUD	U. S. Department of Housing and Urban Development
LBP	Lead-Based Paint
mg/cm ²	milligrams of lead per square centimeter
PPM	Parts Per Million
RES	Result
SSEC	Source Seconds
STRC	Structure
SUB	Substrate
µg/ft ²	micrograms of lead per square foot
µg/g	micrograms of lead per gram
XRF	X-Ray Fluorescence

EXECUTIVE SUMMARY

The United States Army Reserve, 81st Regional Support Command, retained the Environmental Enterprise Group, Inc (EEG) to perform a modified lead-based paint (LBP) survey of the United States Army Reserve Center (USARC, AL079) located in Ft. McClellan, Alabama.

A lead inspector from EEG performed the survey using a Niton Model XL309 X-ray Fluorescence (XRF) analyzer (serial # 936) to measure the lead content of various painted surfaces throughout the buildings. The inspection was performed using modified guidelines of the U.S. Department of Housing and Urban Development (HUD) Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing, June 1995 and 1997. The inspector visually examined the building and grouped similar components together for survey purposes. The inspector then selected a small number of the grouped components for survey to obtain a representative characteristic analysis of similar components throughout the building. Dust and soil samples were not collected.

U.S. Environmental Protection Agency (EPA) and HUD guidelines specify a positive determination of lead in paint when the lead content is equal to or greater than 1.0 milligram of lead per square centimeter (mg/cm^2) using an XRF analyzer. A negative classification does not necessarily mean the component is lead free. The Occupational Safety and Health Administration (OSHA) Lead in Construction Standard (29 CFR 1926.62) defines lead based paint as any detectable amount and guidelines must be followed.

186 LBP readings and calibration checks were taken using the XRF analyzer. The components that contained consistently detectable amounts of lead were the interior wood and metal trim components such as hall window casings, doors and door casings, baseboards, and stair components. The door, casing, and handrail to exterior basement room 105 were the only exterior components with elevated levels. The results are included as Appendix A, XRF Field Data Results.

1.0 INTRODUCTION

The United States Army Reserve, 81st Regional Support Command, retained the Environmental Enterprise Group, Inc (EEG) to perform a modified lead-based paint (LBP) survey of the United States Army Reserve Center (USARC, AL079) located in Ft. McClellan, Alabama. The facility is a two story concrete block building with a partial basement.

2.0 LEAD-BASED PAINT TESTING PROCEDURES

The facility was inventoried and room equivalents identified. Each room equivalent was further classified into components. The component substrate was then identified. All of these elements make up a testing combination. The following paragraphs describe the wall, room, and component description and designation:

Definition of Room Equivalent:

A room equivalent is an identifiable part of a building, such as a room, an exterior side, or an exterior area. Hallways, stairways, and exterior areas, such as loading docks, parking lots, and each side of a building, are all examples of room equivalents.

Delineation of Room Equivalent:

Each room equivalent is made up of *components*. Components may be located inside or outside a building. For example, components in a room are the ceiling, floor, walls, a door and its casing, the window sash, and window casings. The *substrate* is the material underneath the paint. Many substrates exist, however, the industry standards recommend classifying substrates into one of six substrate types: brick, concrete, drywall, metal, plaster, and wood. These substrate types are intended to include a broad range of materials. If the true substrate is not one of the six types, the substrate that most closely matches the true substrate is selected. For substrates on top of substrates, such as plaster on concrete, the substrate directly beneath the painted surface is used. The room equivalent, component, and substrate characterize a *testing combination*. In some cases,

visible color of paint may also be used to further define unique testing combinations. The *test location* is a specific area on a testing combination where the XRF instrument tests for LBP.

Exterior Structure Designations:

The exterior sides of the building are lettered, starting with the letter A. The A side of the building is the main entry side of the building. Starting on the A side, the remaining sides are lettered consecutively (B, C, D) going clockwise around the building (assuming you are viewing the building from above).

Interior Designations, Room Names, Room Sides, and Component Identification:

Unique rooms (such as halls) in the facility are named on the inspection report. If there is more than one of a certain type of named room, they are numbered. (For example, if there are three halls, they are labeled "Hall 1," "Hall 2," etc.). Other rooms, which cannot be uniquely named because the use may change, are numbered. Certain building components that are adjacent to each other and not likely to have a different painting history are grouped together in a single testing combination. Every room in the building has each of its sides lettered in accordance with the building's exterior lettering.

Sampling Strategies:

The sampling strategy adheres to the EPA Performance Characteristic Sheet for the particular XRF instrument used, as well as the manufacturer's modifications and recommendations. The XRF used for detection of LBP in these buildings was the NITON XL700 Spectrum Analyzer Lead Detector, manufactured by NITON Corporation, 74 Loomis Street, Bedford, Massachusetts 01730-0368.

Evaluation of the Quality of Inspection:

Evaluation methods include direct observation of the XRF testing, calibration checks prior to testing, periodically throughout the day, at the end of the day, and repeat testing of painted surfaces. Repeat testing entails randomly selecting and testing (in a different spot) a number of testing combinations from previously tested areas. Usually, the XRF instrument used in the original inspection is used for retesting. The repeat results are compared with the previous results of the

same testing combinations. Results should not differ from the original readings by more than the Retest Tolerance Limit, as specified in the XRF Performance Characteristic Sheet. If the difference is less than the Retest Tolerance Limit, the inspection has passed the retest. If the difference of the overall averages equals or exceeds the Retest Tolerance Limit, the procedure should be repeated with new testing combinations. If the difference of the overall averages is equal to or greater than the Retest Tolerance Limit a second time, then the inspection is considered deficient and should be re-accomplished. Appendix C includes the Quality Evaluation Results and the formula for obtaining the Retest Tolerance Limit.

3.0 IDENTIFICATION OF LEAD-BASED PAINT

Summary of Lead-Based Paint Identified in Facility:

A total 186 XRF samples and calibrations were taken throughout the building. The overall hazard condition of paint in the building was fair. The components that contained consistently detectable amounts of lead were the interior wood and metal trim components such as hall window casings, doors and door casings, baseboards, and stair components. The door, casing, and handrail to basement room 105 were the only exterior components with elevated levels.

OSHA Lead in Construction Standard (29 CFR 1926.62) defines lead based paint as any detectable amount and guidelines must be followed prior to disturbing these surfaces. Appendix A contains the room-by-room results of the paint sampling conducted in the facility. Appendix B shows the floor plans.

Depth Index

The Depth Index (DI) is an indication of the amount of non-lead paint covering the lead detected by the XRF. A DI less than 1.5 indicates lead near the surface layer of paint; between 1.5 and 4 indicates moderately covered lead; and greater than 4 indicates deeply buried lead.

APPENDIX A

Lead In Paint XRF Field Data Sheets

The positive (POS) and negative (NEG) results reported on the following data sheets are based on the EPA/HUD Guidelines that specify a positive determination of lead when the lead content is greater than or equal to 1.0 mg/cm² using an XRF analyzer.

Serial #XL309-U936NR5964 Site: Date: 12/10/2004

No	XLNo	Site	Flr	Side	Room	Source	Sub	Feat	Clr	Ssec	Date/Time	DI	Result	Pbl ± Prec	Pbk ± Prec	Pbc ± Prec
1	1286				Shutter Cal	1				43.9	12/10/2004 10:02:01	0.0	...	NA	NA	NA
2	1287				Calibrate					20.7	12/10/2004 10:02:08	1.1	POS	1.11 ± 0.15	0.02 ± 0.86	1.11 ± 0.15
3	1288				Calibrate					20.7	12/10/2004 10:02:44	1.0	POS	1.05 ± 0.14	0.85 ± 0.84	1.05 ± 0.14
4	1289				Calibrate					20.8	12/10/2004 10:03:21	1.0	POS	1.04 ± 0.14	0.15 ± 0.86	1.04 ± 0.14
5	1290	1	1	A	Hall 100	Wall	Concrte		Beige	12.3	12/10/2004 10:48:39	2.3	NEG	0.02 ± 0.21	-0.76 ± 1.31	-0.76 ± 1.31
6	1291	1	1	A	Hall 100	Window	Metal	Casing	Beige	3.3	12/10/2004 10:49:08	1.2	NEG	0.04 ± 0.21	-0.98 ± 3.13	0.04 ± 0.21
7	1292	1	1	A	Hall 100	Door	Metal	Casing	Beige	3.2	12/10/2004 10:49:23	1.0	NEG	0.05 ± 0.04	0.77 ± 2.67	0.05 ± 0.04
8	1293	1	1	A	Room 117	Wall	Concrte		Beige	12.4	12/10/2004 10:49:48	1.0	NEG	0.00 ± 0.01	-0.35 ± 0.94	-0.35 ± 0.94
9	1294	1	1	D	Room 117	Wall	Concrte		Beige	7.8	12/10/2004 10:50:18	6.2	NEG	0.04 ± 0.11	-1.35 ± 1.64	0.04 ± 0.11
10	1295	1	1	A	Room 117	Door	Metal	Casing	Beige	7.9	12/10/2004 10:50:38	6.7	NEG	0.21 ± 0.37	-0.69 ± 1.82	0.21 ± 0.37
11	1296	1	1	C	Hall 100	Door	Metal	Pipes	Beige	3.2	12/10/2004 10:51:22	1.0	NEG	0.01 ± 0.30	0.19 ± 2.96	0.01 ± 0.30
12	1297	1	1	A	Hall 100	Window	Metal	Casing	Beige	12.3	12/10/2004 10:52:29	2.6	NEG	0.61 ± 0.28	-0.52 ± 1.43	0.61 ± 0.28
13	1298	1	1	A	Hall 100	Window	Metal	Casing	Beige	5.5	12/10/2004 10:52:52	1.8	NEG	0.25 ± 0.24	-0.06 ± 2.21	0.25 ± 0.24
14	1299	1	1	C	Room 122	Door	Metal	Casing	Beige	10.1	12/10/2004 10:53:23	4.2	NEG	0.16 ± 0.40	-0.88 ± 1.57	0.16 ± 0.40
15	1300	1	1	A	Room 122	Wall	Concrte		Beige	12.3	12/10/2004 10:54:00	5.1	NEG	0.05 ± 0.16	0.30 ± 1.30	0.05 ± 0.16
16	1301	1	1	B	Room 122	Wall	Concrte		Beige	19.3	12/10/2004 10:54:35	1.0	NEG	0.01 ± 0.04	-0.38 ± 0.97	-0.38 ± 0.97
17	1302	1	1	B	Room 122	Wall	Metal	Pipes	Beige	5.0	12/10/2004 10:55:11	1.0	NEG	0.00 ± 0.01	0.05 ± 1.83	0.00 ± 0.01
18	1303	1	1	D	Room 122	Wall	Concrte		Beige	17.0	12/10/2004 10:56:10	2.8	NEG	0.04 ± 0.22	-0.30 ± 1.00	-0.30 ± 1.00
19	1304	1	1	D	Room 122	Door	Wood	Casing	Beige	3.0	12/10/2004 10:57:02	1.0	NEG	0.00 ± 0.02	-0.02 ± 1.95	0.00 ± 0.02
20	1305	1	1	C	Room 122	Wall	Drywall		Beige	5.5	12/10/2004 10:57:23	1.0	NEG	0.00 ± 0.01	0.20 ± 1.43	0.00 ± 0.01
21	1306	1	1	C	Room 122	Wall	Concrte		Beige	7.8	12/10/2004 10:57:49	3.7	NEG	0.04 ± 0.20	-0.74 ± 1.68	0.04 ± 0.20
22	1307	1	1	A	Room 115	Wall	Drywall		Beige	5.4	12/10/2004 10:59:23	1.0	NEG	0.00 ± 0.02	-0.46 ± 1.49	0.00 ± 0.02
23	1308	1	1	B	Room 115	Wall	Drywall		Beige	3.2	12/10/2004 10:59:50	1.0	NEG	0.00 ± 0.18	-0.75 ± 2.28	0.00 ± 0.18
24	1309	1	1	B	Room 115	Door		Crown mold	Beige	20.4	12/10/2004 11:00:08	3.8	NEG	0.74 ± 0.31	0.35 ± 0.81	0.74 ± 0.31
25	1310	1	1	B	Room 115	Door		Crown mold	Beige	51.3	12/10/2004 11:00:42	4.7	NEG	0.87 ± 0.23	0.98 ± 0.49	0.87 ± 0.23
26	1311	1	1	C	Room 115	Wall	Concrte		Beige	7.8	12/10/2004 11:02:16	1.0	NEG	0.00 ± 0.01	-0.33 ± 1.60	0.00 ± 0.01
27	1312	1	1	A	Room 115	Door	Metal	Casing	Beige	21.7	12/10/2004 11:02:47	7.8	NEG	0.33 ± 0.40	0.15 ± 0.94	0.33 ± 0.40
28	1313	1	1	A	Room 121	Wall	Concrte		Beige	12.3	12/10/2004 11:03:50	8.7	NEG	0.15 ± 0.19	-0.91 ± 1.42	-0.91 ± 1.42
29	1314	1	1	A	Room 121	Wall		Pipes	Beige	4.6	12/10/2004 11:04:28	1.0	NEG	0.03 ± 0.03	0.07 ± 1.98	0.03 ± 0.03
30	1315	1	1	C	Room 121	Door	Metal	Casing	Beige	21.6	12/10/2004 11:04:56	3.2	NEG	0.06 ± 0.17	-0.01 ± 0.92	0.06 ± 0.17
31	1316	1	1	C	Room 114	Wall	Concrte		Beige	21.6	12/10/2004 11:05:56	1.0	NEG	0.01 ± 0.03	0.63 ± 0.88	0.01 ± 0.03
32	1317	1	1	C	Room 114	Door	Wood	Crown mold	Beige	13.8	12/10/2004 11:06:48	3.1	NEG	0.60 ± 0.31	0.27 ± 1.10	0.60 ± 0.31
33	1318	1	1	A	Room 114	Door	Metal	Casing	Beige	21.7	12/10/2004 11:07:29	10.0	NEG	0.17 ± 0.15	-0.15 ± 0.95	-0.15 ± 0.95
34	1319	1	1	B	Room 120	Wall	Drywall		Beige	5.4	12/10/2004 11:08:22	1.0	NEG	0.00 ± 0.10	-0.54 ± 1.48	0.00 ± 0.10
35	1320	1	1	C	Room 120	Door	Metal	Casing	Beige	3.2	12/10/2004 11:08:41	1.6	NEG	0.09 ± 0.27	0.38 ± 2.82	0.09 ± 0.27
36	1321	1	1	C	Room 120	Wall	Drywall		Beige	5.5	12/10/2004 11:09:37	1.0	NEG	0.00 ± 0.01	-0.28 ± 1.34	0.00 ± 0.01
37	1322	1	1	C	Room 120	Wall	Drywall		Beige	21.3	12/10/2004 11:10:39	1.0	NEG	0.01 ± 0.07	0.50 ± 0.97	0.01 ± 0.07
38	1323	1	1	C	Room 111	Wall	Concrte		White	21.5	12/10/2004 11:11:41	1.0	NEG	0.00 ± 0.09	0.19 ± 0.88	0.00 ± 0.09
39	1324	1	1	A	Room 111	Wall	Concrte		Blue	12.4	12/10/2004 11:12:30	2.6	NEG	0.03 ± 0.21	-0.80 ± 1.29	-0.80 ± 1.29
40	1325	1	1	A	Room 111	Door	Metal	Casing	Blue	3.2	12/10/2004 11:14:13	1.4	NEG	0.11 ± 0.25	-0.03 ± 2.90	0.11 ± 0.25
41	1326	1	1	0	Room 111	Window	Metal	Casing	Beige	5.5	12/10/2004 11:14:39	1.7	NEG	0.19 ± 0.21	-1.18 ± 2.16	0.19 ± 0.21
42	1327	1	1	0	Room 111	Window	Metal	Casing	Beige	3.2	12/10/2004 11:14:50	1.5	NEG	0.21 ± 0.29	0.32 ± 3.14	0.21 ± 0.29
43	1328	1	1	0	Room 111	Window	Concrte	Baseboard	Blue	3.0	12/10/2004 11:15:43	1.5	NEG	0.03 ± 0.48	0.11 ± 2.17	0.03 ± 0.48
44	1329	1	1	0	Room 111	Ceiling	Concrte		Blue	14.7	12/10/2004 11:16:10	1.0	NEG	0.01 ± 0.05	-0.70 ± 1.13	-0.70 ± 1.13
45	1330	1	1	D	Room 111	Door	Metal	Door	Blue	3.3	12/10/2004 11:16:42	1.0	NEG	0.01 ± 0.22	0.22 ± 3.04	0.01 ± 0.22

No	XLNo	Site	Flr	Side	Room	Source	Sub	Feat	Clr	Ssec	Date/Time	DI	Result	Pbl ± Prec	Pbk ± Prec	Pbc ± Prec
46	1331	1	1	C	Room 111	Door	Metal	Casing	Beige	7.9	12/10/2004 11:17:09	2.2	NEG	0.07 ± 0.19	-0.21 ± 1.65	0.07 ± 0.19
47	1332	1	1	C	Room 119	Door	Metal	Casing	Beige	3.2	12/10/2004 11:17:58	2.0	NEG	0.16 ± 0.40	-0.01 ± 3.42	0.16 ± 0.40
48	1333	1	1	C	Room 119	Wall	Drywall		White	7.8	12/10/2004 11:18:15	2.4	NEG	0.01 ± 0.03	-0.45 ± 1.18	0.01 ± 0.03
49	1334	1	1	A	Room 119	Wall	Concrte		White	7.8	12/10/2004 11:18:42	1.0	NEG	0.00 ± 0.02	-0.83 ± 1.70	0.00 ± 0.02
50	1335	1	1	A	Room 119	Wall	Metal	Pipes	White	12.4	12/10/2004 11:19:02	1.6	NEG	0.02 ± 0.14	-0.65 ± 1.24	-0.65 ± 1.24
51	1336	1	1	B	Room 118	Wall	Concrte		Beige	5.5	12/10/2004 11:20:03	3.0	NEG	0.02 ± 0.06	-0.99 ± 2.18	0.02 ± 0.06
52	1337	1	1	C	Room 118	Wall	Drywall		Beige	14.7	12/10/2004 11:20:20	10.0	NEG	0.08 ± 0.24	-0.10 ± 0.87	-0.10 ± 0.87
53	1338	1	1	D	Room 118	Door	Metal	Door	Beige	3.2	12/10/2004 11:20:53	1.0	NEG	0.01 ± 0.17	1.20 ± 2.77	0.01 ± 0.17
54	1339	1	1	C	Room 118	Door	Metal	Casing	Beige	3.2	12/10/2004 11:21:14	2.0	NEG	0.21 ± 0.40	-0.60 ± 2.53	0.21 ± 0.40
55	1340	1	1	D	Room 108	Wall	Drywall		Beige	24.0	12/10/2004 11:21:53	7.6	NEG	0.03 ± 0.08	0.12 ± 0.72	0.03 ± 0.08
56	1341	1	1	A	Room 108	Wall	Concrte		Beige	12.4	12/10/2004 11:22:45	8.1	NEG	0.06 ± 0.13	-0.68 ± 1.23	-0.68 ± 1.23
57	1342	1	1	A	Room 108	Door	Metal	Casing	Beige	3.2	12/10/2004 11:23:27	1.0	NEG	0.00 ± 0.15	0.32 ± 2.55	0.00 ± 0.15
58	1343	1	1	A	Room 108	Door	Metal	Door	Beige	3.2	12/10/2004 11:23:48	1.0	NEG	0.00 ± 0.10	1.35 ± 2.86	0.00 ± 0.10
59	1344	1	1	C	Room 108	Door	Metal	Door	Beige	3.2	12/10/2004 11:24:23	1.0	NEG	0.00 ± 0.15	-0.55 ± 2.52	0.00 ± 0.15
60	1345	1	1	C	Room 108	Door	Metal	Casing	Beige	3.2	12/10/2004 11:24:33	1.0	NEG	0.00 ± 0.15	0.16 ± 2.66	0.00 ± 0.15
61	1346	1	1	C	Outside 108	Door	Metal	Casing	Brown	3.1	12/10/2004 11:24:57	1.2	NEG	0.01 ± 0.22	-0.46 ± 2.60	0.01 ± 0.22
62	1347	1	1	C	Outside 108	Door	Metal	Casing	Brown	3.1	12/10/2004 11:25:09	1.0	NEG	0.00 ± 0.19	0.23 ± 2.71	0.00 ± 0.19
63	1348	1	1	C	Outside 108	Wall	Concrte		Beige	21.5	12/10/2004 11:25:48	6.5	NEG	0.04 ± 0.10	-0.23 ± 0.91	0.04 ± 0.10
64	1349	1	1	C	S002	Wall	Metal		Beige	3.2	12/10/2004 11:27:23	1.0	NEG	0.02 ± 0.19	-0.06 ± 3.05	0.02 ± 0.19
65	1350	1	1	C	S002	Stairs	Metal	Rail cap	Brown	11.6	12/10/2004 11:28:06	1.6	POS	1.49 ± 0.31	1.70 ± 1.51	1.49 ± 0.31
66	1351	1	1	C	S002	Stairs	Concrte	Stringer	Brown	22.6	12/10/2004 11:28:36	1.7	NEG	0.89 ± 0.17	0.72 ± 0.96	0.89 ± 0.17
67	1352	1	1	C	S002	Stairs	Concrte	Riser	Brown	9.3	12/10/2004 11:29:19	2.0	POS	2.09 ± 0.52	2.05 ± 1.73	2.09 ± 0.52
68	1353	1	1	C	S002	Stairs	Concrte	Baseboard Ins	Brown	20.4	12/10/2004 11:29:46	1.8	POS	1.00 ± 0.20	0.63 ± 0.99	1.00 ± 0.20
69	1354	1	1	C	S002	Stairs	Concrte	Baseboard	Brown	8.3	12/10/2004 11:30:33	3.4	POS	2.69 ± 1.00	3.38 ± 1.82	2.69 ± 1.00
70	1355	1	1	0	Room 127	Wall	Concrte		Beige	10.1	12/10/2004 11:40:26	1.8	NEG	0.01 ± 0.15	0.26 ± 1.34	0.01 ± 0.15
71	1356	1	1	A	Room 127	Wall	Drywall		Beige	5.5	12/10/2004 11:40:52	1.0	NEG	0.00 ± 0.01	-1.29 ± 1.59	0.00 ± 0.01
72	1357	1	1	B	Room 127	Door	Metal	Casing	Beige	5.6	12/10/2004 11:41:28	2.7	NEG	0.14 ± 0.34	-0.24 ± 2.17	0.14 ± 0.34
73	1358	1	1	B	Room 128	Wall	Concrte		Beige	7.7	12/10/2004 11:42:59	1.0	NEG	0.00 ± 0.01	-0.32 ± 1.56	0.00 ± 0.01
74	1359	1	1	C	Room 128	Door	Metal	Casing	Beige	3.2	12/10/2004 11:43:35	1.0	NEG	0.00 ± 0.09	0.37 ± 2.76	0.00 ± 0.09
75	1360	1	1	C	Room 125	Wall	Concrte		Beige	12.4	12/10/2004 11:44:27	10.0	NEG	0.11 ± 0.29	-0.94 ± 1.15	0.11 ± 0.29
76	1361	1	1	C	Room 125	Ceiling	Concrte		Beige	12.4	12/10/2004 11:44:53	1.0	NEG	0.01 ± 0.06	-1.05 ± 1.16	-1.05 ± 1.16
77	1362	1	1	C	Room 125	Door	Metal	Casing	Beige	5.6	12/10/2004 11:45:56	5.7	NEG	0.14 ± 0.35	0.54 ± 2.28	0.14 ± 0.35
78	1363	1	1	C	Room 125	Door	Wood	Door	Beige	3.1	12/10/2004 11:46:11	1.0	NEG	0.00 ± 0.02	0.18 ± 1.84	0.00 ± 0.02
79	1364	1	1	A	Room 124	Wall	Concrte		Beige	12.3	12/10/2004 11:47:29	1.0	NEG	0.00 ± 0.06	-0.22 ± 1.16	0.00 ± 0.06
80	1365	1	1	A	Room 124	Ceiling	Concrte		Beige	4.7	12/10/2004 11:48:00	1.0	NEG	0.01 ± 0.01	-2.13 ± 2.00	0.01 ± 0.01
81	1366	1	1	D	Room 124	Door	Metal	Casing	Beige	3.2	12/10/2004 11:48:33	1.4	NEG	0.08 ± 0.25	-0.48 ± 3.35	0.08 ± 0.25
82	1367	1	1	C	Hall 101	Door	Metal	Casing	Beige	3.3	12/10/2004 11:49:05	1.0	NEG	0.00 ± 0.15	-0.05 ± 3.10	0.00 ± 0.15
83	1368	1	1	C	Hall 101	Door	Metal	Door	Beige	3.3	12/10/2004 11:49:18	1.0	NEG	0.02 ± 0.06	-0.70 ± 2.69	0.02 ± 0.06
84	1369	1	1	D	Hall 101	Wall	Concrte		Beige	21.6	12/10/2004 11:49:35	1.5	NEG	0.01 ± 0.10	-0.02 ± 0.83	0.01 ± 0.10
85	1370	1	1	D	Hall 101	Wall	Concrte	Baseboard	Brown	4.6	12/10/2004 11:50:57	2.1	POS	>>5.0	8.09 ± 3.24	8.09 ± 3.24
86	1371	1	1	A	Hall 101	Door	Metal	Casing	Beige	10.2	12/10/2004 11:51:51	3.4	NEG	0.41 ± 0.33	1.18 ± 1.47	0.41 ± 0.33
87	1372	1	1	A	Hall 101	Door	Metal	Door	Beige	12.5	12/10/2004 11:52:14	5.3	NEG	0.27 ± 0.43	-0.34 ± 1.25	0.27 ± 0.43
88	1373	1	1	A	S001	Door	Wood	Casing	Brown	25.4	12/10/2004 11:52:59	7.6	NEG	0.27 ± 0.35	0.62 ± 0.66	0.27 ± 0.35
89	1374	1	1	A	S001	Door	Wood	Casing	Brown	3.1	12/10/2004 11:53:41	1.0	NEG	0.03 ± 0.29	0.56 ± 2.36	0.03 ± 0.29
90	1375	1	1	A	S001	Door	Wood	Casing	Brown	9.9	12/10/2004 11:53:52	10.0	POS	2.08 ± 1.58	3.53 ± 1.56	3.53 ± 1.56
91	1376	1	1	A	S001	Stairs	Metal	Rail cap	Brown	21.3	12/10/2004 11:54:31	1.3	NEG	0.10 ± 0.06	-0.11 ± 0.97	0.10 ± 0.06

No	XLNo	Site	Flr	Side	Room	Source	Sub	Feat	Clr	Ssec	Date/Time	DI	Result	Pbl ± Prec	Pbk ± Prec	Pbc ± Prec
92	1377	1	1	A	S001	Stairs	Concrte	Stringer	Brown	4.9	12/10/2004 11:55:18	1.9	POS	2.90 ± 0.90	4.45 ± 2.75	2.90 ± 0.90
93	1378	1	1	A	S001	Stairs	Concrte	Riser	Brown	9.2	12/10/2004 11:55:33	1.5	POS	1.53 ± 0.35	1.10 ± 1.52	1.53 ± 0.35
94	1379	1	2	A	Room 219	Wall	Concrte		Beige	14.7	12/10/2004 11:57:09	2.6	NEG	0.03 ± 0.23	-0.41 ± 1.09	-0.41 ± 1.09
95	1380	1	2	B	Room 219	Wall	Concrte		Beige	21.6	12/10/2004 11:57:40	1.9	NEG	0.01 ± 0.11	-0.03 ± 0.83	0.01 ± 0.11
96	1381	1	2	B	Room 219	Door	Metal	Casing	Beige	5.5	12/10/2004 11:58:26	2.8	NEG	0.22 ± 0.37	0.62 ± 2.05	0.22 ± 0.37
97	1382	1	2	B	Room 219	Door	Metal	Door	Beige	3.1	12/10/2004 11:58:48	1.0	NEG	0.00 ± 0.09	-0.19 ± 2.30	0.00 ± 0.09
98	1383	1	2	C	Room 210	Wall	Concrte		Beige	12.4	12/10/2004 11:59:56	7.7	NEG	0.11 ± 0.17	-0.09 ± 1.29	0.11 ± 0.17
99	1384	1	2	C	Room 210	Wall	Concrte		Beige	12.4	12/10/2004 12:00:29	1.0	NEG	0.00 ± 0.12	-0.64 ± 1.19	-0.64 ± 1.19
100	1385	1	2	C	Room 210	Door	Metal	Casing	Beige	7.8	12/10/2004 12:00:55	3.0	NEG	0.22 ± 0.30	-0.40 ± 1.63	0.22 ± 0.30
101	1386	1	2	A	Room 207	Wall	Drywall		Beige	5.5	12/10/2004 12:02:06	1.0	NEG	0.00 ± 0.01	-0.64 ± 1.70	0.00 ± 0.01
102	1387	1	2	B	Room 207	Wall	Drywall		Beige	3.2	12/10/2004 12:02:24	1.0	NEG	0.00 ± 0.02	-2.30 ± 2.35	0.00 ± 0.02
103	1388	1	2	A	Room 207	Door	Metal	Casing	Beige	3.2	12/10/2004 12:02:57	1.0	NEG	0.01 ± 0.19	-1.95 ± 3.25	0.01 ± 0.19
104	1389	1	2	A	Room 207	Door	Metal	Door	Beige	3.2	12/10/2004 12:03:13	2.1	NEG	0.02 ± 0.24	-1.34 ± 2.42	0.02 ± 0.24
105	1390	1	2	C	Room 217	Door	Metal	Casing	Beige	7.9	12/10/2004 12:03:41	3.1	NEG	0.18 ± 0.31	0.53 ± 1.49	0.18 ± 0.31
106	1391	1	2	A	Room 216	Wall	Concrte		Beige	7.8	12/10/2004 12:05:11	1.0	NEG	0.00 ± 0.10	-0.02 ± 1.51	0.00 ± 0.10
107	1392	1	2	A	Room 216	Wall	Wood		Beige	3.0	12/10/2004 12:05:42	1.8	NEG	0.02 ± 0.06	-1.43 ± 2.26	0.02 ± 0.06
108	1393	1	2	C	Room 216	Door	Metal	Casing	Beige	3.2	12/10/2004 12:05:58	1.0	NEG	0.07 ± 0.14	0.21 ± 2.95	0.07 ± 0.14
109	1394	1	2	C	Room 216	Window	Metal	Casing	Beige	5.1	12/10/2004 12:06:29	3.1	INCOM	0.17 ± 0.46	1.11 ± 2.20	0.17 ± 0.46
110	1395	1	2	C	Room 216	Window	Metal	Casing	Beige	10.2	12/10/2004 12:06:42	4.9	NEG	0.30 ± 0.45	-0.08 ± 1.52	0.30 ± 0.45
111	1396	1	2	C	Room 216	Window	Metal	Casing	Beige	3.2	12/10/2004 12:07:02	1.6	NEG	0.10 ± 0.28	0.66 ± 3.20	0.10 ± 0.28
112	1397	1	2	C	Room 216	Window	Metal	Casing	Beige	7.8	12/10/2004 12:07:14	2.4	NEG	0.24 ± 0.25	-0.87 ± 1.72	0.24 ± 0.25
113	1398	1	2	B	Room 216	Window	Metal	Pipes	Beige	4.5	12/10/2004 12:08:29	1.0	NEG	0.00 ± 0.01	-0.12 ± 1.62	0.00 ± 0.01
114	1399	1	2	C	Room 216	Door	Metal	Casing	Beige	14.8	12/10/2004 12:08:55	4.6	NEG	0.33 ± 0.33	-0.30 ± 1.19	0.33 ± 0.33
115	1400	1	2	A	Room 206	Wall	Concrte		Beige	21.6	12/10/2004 12:09:39	1.4	NEG	0.00 ± 0.01	-0.33 ± 0.88	0.00 ± 0.01
116	1401	1	2	B	Room 206	Wall	Drywall		Beige	5.5	12/10/2004 12:10:41	4.7	NEG	0.04 ± 0.10	-0.61 ± 1.40	0.04 ± 0.10
117	1402	1	2	B	Room 206	Door	Metal	Casing	Beige	12.5	12/10/2004 12:11:50	7.4	NEG	0.35 ± 0.49	-1.06 ± 1.34	0.35 ± 0.49
118	1403	1	2	A	Room 207	Door	Metal	Casing	Beige	10.2	12/10/2004 12:12:34	4.5	NEG	0.24 ± 0.40	-0.44 ± 1.46	0.24 ± 0.40
119	1404	1	2	C	Room 207	Wall	Drywall		Beige	5.5	12/10/2004 12:13:03	1.0	NEG	0.00 ± 0.14	-0.45 ± 1.34	0.00 ± 0.14
120	1405	1	2	B	Room 207	Wall	Wood		Beige	3.0	12/10/2004 12:13:39	2.5	NEG	0.03 ± 0.08	-0.37 ± 2.33	0.03 ± 0.08
121	1406	1	2	B	Room 207	Door	Wood	Casing	Beige	3.1	12/10/2004 12:14:02	1.0	NEG	0.00 ± 0.02	-1.42 ± 2.09	0.00 ± 0.02
122	1407	1	2	A	Room 213	Wall	Concrte		Beige	7.8	12/10/2004 12:14:52	1.0	NEG	0.01 ± 0.18	-0.97 ± 1.57	0.01 ± 0.18
123	1408	1	2	C	Room 213	Wall	Concrte		Beige	21.6	12/10/2004 12:15:25	1.0	NEG	0.01 ± 0.02	-0.07 ± 0.87	0.01 ± 0.02
124	1409	1	2	C	Room 213	Window	Metal	Casing	Beige	14.8	12/10/2004 12:16:28	4.6	NEG	0.48 ± 0.36	0.74 ± 1.16	0.48 ± 0.36
125	1410	1	2	C	Room 213	Window	Metal	Casing	Beige	7.9	12/10/2004 12:16:54	3.2	NEG	0.31 ± 0.34	-0.82 ± 1.65	0.31 ± 0.34
126	1411	1	2	C	Room 213	Door	Metal	Casing	Beige	7.9	12/10/2004 12:17:26	3.7	NEG	0.23 ± 0.38	-0.07 ± 1.68	0.23 ± 0.38
127	1412	1	2	A	Room 204	Door	Metal	Casing	Beige	3.2	12/10/2004 12:18:27	1.0	NEG	0.00 ± 0.08	-1.17 ± 2.67	0.00 ± 0.08
128	1413	1	2	C	Room 204	Door	Metal	Pipes	Beige	4.7	12/10/2004 12:18:43	1.2	NEG	0.01 ± 0.03	0.94 ± 1.94	0.01 ± 0.03
129	1414	1	2	A	Room 204	Door	Metal	Casing	Beige	10.2	12/10/2004 12:19:27	4.9	NEG	0.26 ± 0.46	-0.97 ± 1.42	0.26 ± 0.46
130	1415	1	2	C	Room 204	Wall	Concrte		Beige	10.1	12/10/2004 12:19:56	1.0	NEG	0.00 ± 0.01	-0.45 ± 1.34	0.00 ± 0.01
131	1416	1	2	C	Room 212	Wall	Concrte		Beige	21.6	12/10/2004 12:21:57	1.0	NEG	0.00 ± 0.09	0.15 ± 0.85	0.00 ± 0.09
132	1417	1	2	A	Room 212	Wall	Concrte		Beige	7.8	12/10/2004 12:22:34	1.7	NEG	0.01 ± 0.18	-0.54 ± 1.67	0.01 ± 0.18
133	1418	1	2	C	Room 212	Door	Metal	Casing	Beige	10.2	12/10/2004 12:22:54	4.2	NEG	0.17 ± 0.37	-0.13 ± 1.27	0.17 ± 0.37
134	1419	1	2	D	Room 211	Wall	Drywall		Beige	5.5	12/10/2004 12:23:52	1.0	NEG	0.00 ± 0.09	-1.18 ± 1.45	0.00 ± 0.09
135	1420	1	2	C	Room 211	Wall	Concrte		Beige	21.6	12/10/2004 12:24:18	1.8	NEG	0.02 ± 0.09	0.68 ± 0.88	0.02 ± 0.09
136	1421	1	2	C	Room 211	Window	Metal	Casing	Beige	7.9	12/10/2004 12:25:12	3.2	NEG	0.26 ± 0.34	-0.11 ± 1.69	0.26 ± 0.34
137	1422	1	2	C	Room 211	Window	Metal	Casing	Beige	3.2	12/10/2004 12:25:26	1.4	NEG	0.09 ± 0.23	0.02 ± 3.02	0.09 ± 0.23

No	XLNo	Site	Flr	Side	Room	Source	Sub	Feat	Clr	Ssec	Date/Time	DI	Result	Pbl ± Prec	Pbk ± Prec	Pbc ± Prec
138	1423	1	2	C	Room 211	Door	Metal	Casing	Beige	5.6	12/10/2004 12:25:55	1.9	NEG	0.07 ± 0.22	-0.55 ± 1.93	0.07 ± 0.22
139	1424	1	2	C	Room 202	Wall	Concrte		Beige	21.5	12/10/2004 12:29:26	1.3	NEG	0.01 ± 0.13	0.34 ± 0.76	0.01 ± 0.13
140	1425	1	2	A	Room 202	Door	Metal	Casing	Beige	10.2	12/10/2004 12:30:32	3.9	NEG	0.18 ± 0.33	-1.53 ± 1.45	0.18 ± 0.33
141	1426	1	2	C	Hall 200	Door	Metal	Casing	Beige	3.2	12/10/2004 12:31:28	2.0	NEG	0.13 ± 0.39	0.78 ± 2.72	0.13 ± 0.39
142	1427	1	2	C	Hall 200	Door	Metal	Casing	Beige	5.6	12/10/2004 12:31:53	3.0	NEG	0.17 ± 0.39	-0.25 ± 1.92	0.17 ± 0.39
143	1428	1	2	C	Hall 200	Door	Metal	Casing	Beige	17.1	12/10/2004 12:33:28	3.5	NEG	0.12 ± 0.19	-0.54 ± 1.05	-0.54 ± 1.05
144	1429	1	B	A	Room B100	Wall	Concrte		Beige	7.8	12/10/2004 12:47:29	1.0	NEG	0.01 ± 0.13	-0.80 ± 1.61	0.01 ± 0.13
145	1430	1	B	A	Room B100	Wall	Concrte		Beige	19.2	12/10/2004 12:48:01	3.2	NEG	0.02 ± 0.13	0.20 ± 0.99	0.02 ± 0.13
146	1431	1	B	B	Room B100	Wall	Wood		Beige	12.3	12/10/2004 12:48:37	6.6	NEG	0.03 ± 0.11	-0.54 ± 0.98	-0.54 ± 0.98
147	1432	1	B	B	Room B100	Wall		Pipes	Beige	17.0	12/10/2004 12:49:09	1.0	NEG	0.00 ± 0.02	-0.32 ± 1.02	-0.32 ± 1.02
148	1433	1	B	B	Room B100	Door	Metal		Beige	7.8	12/10/2004 12:49:59	7.9	NEG	0.18 ± 0.26	-0.41 ± 1.61	0.18 ± 0.26
149	1434	1	B	B	Room B100	Door	Metal	Casing	Grey	5.1	12/10/2004 12:50:36	5.5	NEG	0.05 ± 0.17	-0.35 ± 1.72	0.05 ± 0.17
150	1435	1	B	C	BH100	Door	Metal	Casing	Beige	10.2	12/10/2004 12:51:07	5.6	NEG	0.22 ± 0.48	-0.31 ± 1.39	0.22 ± 0.48
151	1436	1	B	B	BH100	Wall	Concrte		Beige	14.7	12/10/2004 12:51:38	10.0	NEG	0.10 ± 0.19	-0.43 ± 1.06	-0.43 ± 1.06
152	1437	1	B	A	BH100	Door	Metal	Door	Beige	3.2	12/10/2004 12:52:11	1.9	NEG	0.17 ± 0.36	-0.42 ± 2.46	0.17 ± 0.36
153	1438	1	B	A	BH100	Door	Metal	Casing	Beige	10.2	12/10/2004 12:52:22	3.5	NEG	0.28 ± 0.31	-0.89 ± 1.51	0.28 ± 0.31
154	1439	1	B	D	Room B102	Wall	Concrte		Beige	14.6	12/10/2004 12:53:11	1.0	NEG	0.00 ± 0.10	-0.16 ± 1.02	0.00 ± 0.10
155	1440	1	B	D	Room B102	Wall	Concrte		Beige	16.8	12/10/2004 12:53:50	2.6	NEG	0.01 ± 0.03	-0.40 ± 0.98	-0.40 ± 0.98
156	1441	1	B	D	Room B102	Door	Metal	Door	Beige	3.2	12/10/2004 12:54:23	1.0	NEG	0.00 ± 0.10	0.62 ± 2.18	0.00 ± 0.10
157	1442	1	B	D	Room B102	Door	Metal	Casing	Beige	3.2	12/10/2004 12:54:36	1.0	NEG	0.00 ± 0.08	1.38 ± 2.45	0.00 ± 0.08
158	1443	1	B	A	Room B103	Wall	Concrte		Beige	21.6	12/10/2004 12:56:09	1.4	NEG	0.02 ± 0.06	0.11 ± 0.82	0.02 ± 0.06
159	1444	1	B	A	Room B103	Wall	Concrte		Beige	3.2	12/10/2004 12:56:56	1.0	NEG	0.00 ± 0.17	-1.90 ± 3.08	0.00 ± 0.17
160	1445	1	B	A	Room B103	Door	Metal	Casing	Beige	12.4	12/10/2004 12:57:14	1.1	NEG	0.02 ± 0.06	-0.30 ± 1.02	-0.30 ± 1.02
161	1446	1	B	A	Room B103	Door	Metal	Door	Grey	3.2	12/10/2004 12:57:39	6.5	NEG	0.10 ± 0.27	-0.98 ± 3.05	0.10 ± 0.27
162	1447	1	B	A	Room B103	Door	Metal	Casing	Beige	3.3	12/10/2004 12:58:19	1.2	NEG	0.02 ± 0.34	-1.75 ± 3.23	0.02 ± 0.34
163	1448	1	B	A	Room B103	Door	Metal	Casing	Beige	3.2	12/10/2004 12:58:34	1.0	NEG	0.00 ± 0.15	-0.13 ± 2.58	0.00 ± 0.15
164	1449	1	B	A	Room B102	Door	Metal	Pipes	Beige	3.1	12/10/2004 12:59:51	1.2	NEG	0.01 ± 0.03	0.70 ± 3.10	0.01 ± 0.03
165	1450	1	B	C	BH100	Door	Metal	Casing	Beige	3.3	12/10/2004 13:00:33	1.0	NEG	0.00 ± 0.11	-1.32 ± 3.46	0.00 ± 0.11
166	1451	1	B	C	BH100	Door	Metal	Casing	Beige	3.3	12/10/2004 13:00:57	1.0	NEG	0.02 ± 0.13	-0.08 ± 2.62	0.02 ± 0.13
167	1452	1	B	D	Room B101	Wall	Concrte		Beige	14.6	12/10/2004 13:01:39	6.1	NEG	0.05 ± 0.13	-0.38 ± 1.09	-0.38 ± 1.09
168	1453	1	B	0	Room B101	Door	Metal	Casing	Beige	3.2	12/10/2004 13:02:17	1.0	NEG	0.04 ± 0.11	0.27 ± 2.47	0.04 ± 0.11
169	1454	1	1	C	Outside	Door	Metal	Door	Brown	4.8	12/10/2004 13:09:44	1.0	NEG	0.01 ± 0.18	-0.00 ± 1.81	0.01 ± 0.18
170	1455	1	1	C	Outside	Door		Casing	Brown	3.0	12/10/2004 13:10:00	1.0	NEG	0.00 ± 0.04	1.28 ± 2.94	0.00 ± 0.04
171	1456	1	1	C	Outside	Stairs		Rail cap	Brown	3.0	12/10/2004 13:10:27	1.0	NEG	0.01 ± 0.14	-0.41 ± 2.65	0.01 ± 0.14
172	1457	1	B	C	Room B105	Door		Casing	Black	9.7	12/10/2004 13:11:27	7.4	POS	2.81 ± 3.29	4.85 ± 1.89	4.85 ± 1.89
173	1458	1	B	C	Room B105	Door		Casing	Grey	5.1	12/10/2004 13:12:12	1.0	NEG	0.01 ± 0.15	-0.33 ± 1.99	0.01 ± 0.15
174	1459	1	B	C	Room B105	Door	Wood	Door	Brown	4.6	12/10/2004 13:13:14	1.6	POS	3.63 ± 2.47	8.01 ± 2.49	8.01 ± 2.49
175	1460	1	B	C	Room B105	Door	Wood	Casing	Brown	3.0	12/10/2004 13:13:30	1.0	NEG	0.00 ± 0.02	1.65 ± 1.92	0.00 ± 0.02
176	1461	1	B	C	Room B105	Door	Wood	Casing	Brown	3.1	12/10/2004 13:14:10	1.0	NEG	0.05 ± 0.14	0.06 ± 3.29	0.05 ± 0.14
177	1462	1	B	C	Room B105	Stairs	Metal	Rail cap	Brown	4.8	12/10/2004 13:14:33	2.7	POS	>>5.0	7.56 ± 3.25	7.56 ± 3.25
178	1463	1	B	A	Room B105	Door	Wood	Casing	Brown	5.0	12/10/2004 13:18:28	4.7	POS	>>5.0	8.34 ± 3.21	8.34 ± 3.21
179	1464	1	1	A	Outside	Wall	Wood		Beige	12.1	12/10/2004 13:18:50	10.0	NEG	0.15 ± 0.33	-0.43 ± 1.12	-0.43 ± 1.12
180	1465	1	1	C	Outside	Wall	Wood		Beige	18.7	12/10/2004 13:19:32	10.0	NEG	0.10 ± 0.46	-0.37 ± 1.00	-0.37 ± 1.00
181	1466	1	1	C	Outside	Window	Metal	Stool	Beige	9.8	12/10/2004 13:20:10	1.0	NEG	0.00 ± 0.03	-0.62 ± 1.43	0.00 ± 0.03
182	1467	1	1	A	Outside	Window	Metal	Stool	Beige	7.6	12/10/2004 13:20:36	1.0	NEG	0.00 ± 0.10	-0.34 ± 1.69	0.00 ± 0.10
183	1468	1	1	A	Outside	Stairs	Metal	Rail cap	Brown	4.8	12/10/2004 13:21:14	1.0	NEG	0.03 ± 0.05	-0.18 ± 1.90	0.03 ± 0.05

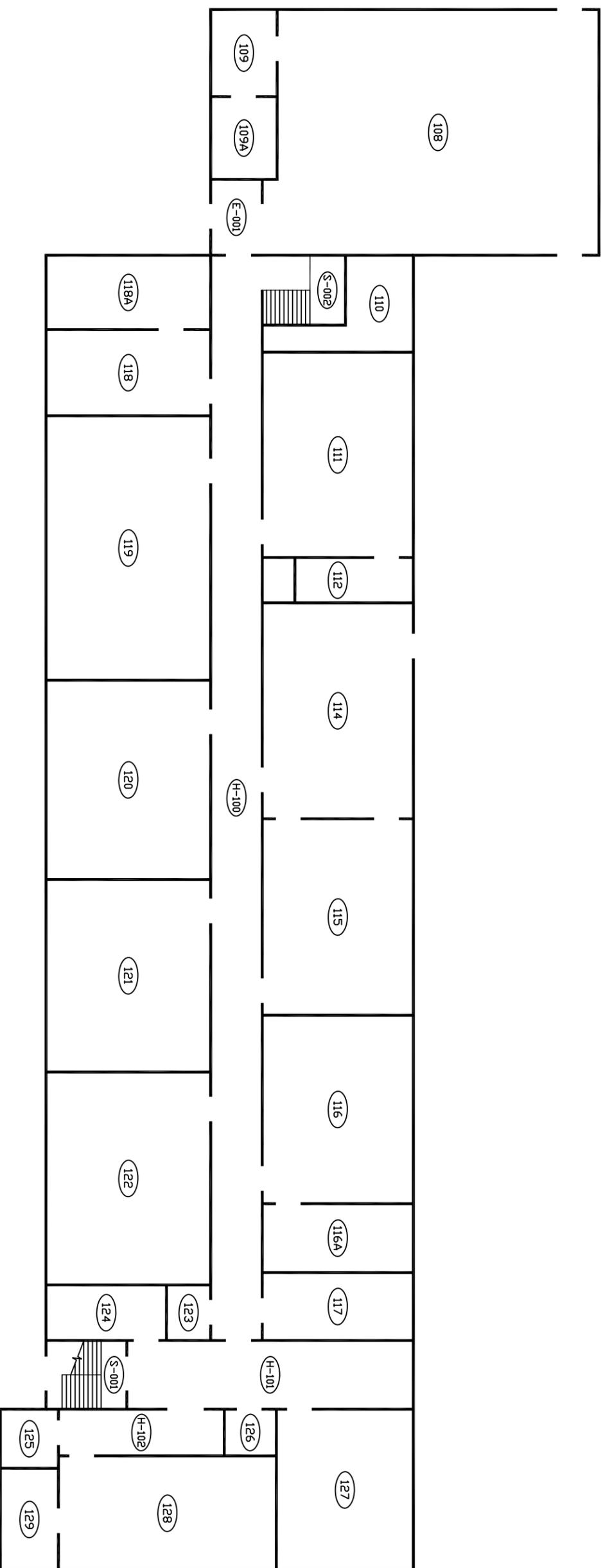
Site: Date: 12/10/2004

Paint Page 5

No	XLNo	Site	Flr	Side	Room	Source	Sub	Feat	Clr	Ssec	Date/Time	DI	Result	Pbl ± Prec	Pbk ± Prec	Pbc ± Prec
184	1469				Calibrate					20.8	12/10/2004 14:04:57	1.1	POS	1.13 ± 0.16	0.52 ± 0.82	1.13 ± 0.16
185	1470				Calibrate					20.7	12/10/2004 14:05:35	1.0	POS	0.97 ± 0.13	0.26 ± 0.77	0.97 ± 0.13
186	1471				Calibrate					20.9	12/10/2004 14:06:11	1.0	NEG	0.92 ± 0.13	0.98 ± 0.76	0.92 ± 0.13

APPENDIX B

Facility Floor Plans Pictures



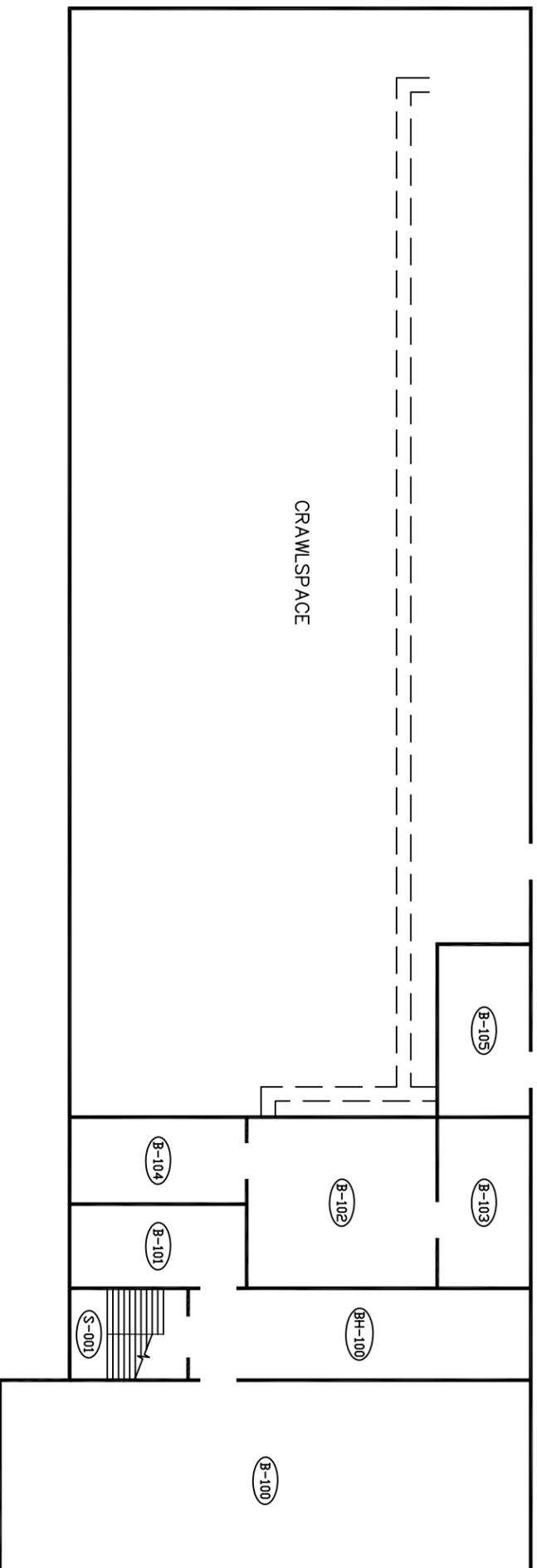
ENVIRONMENTAL ENTERPRISE GROUP, INC.

1345 Barreche Rd.
NORTH CHARLESTON, SOUTH CAROLINA 29405

FLOOR PLAN

BUILDING 1081 - FIRST FLOOR
ARC FT MCCLELLAN (AL079)
FT MCCLELLAN, ALABAMA

DATE	01-28-05	PREPARED BY	T. LEWIS	DRAWN BY	J.I. BROWNLEE	REV	-
SCALE	NONE	DWG NUMBER	eehnc_AL079_Bldg1081_1st Fl	SHEET	1 OF 1		



CRAWLSPACE

B-105

B-103

B-102

B-104

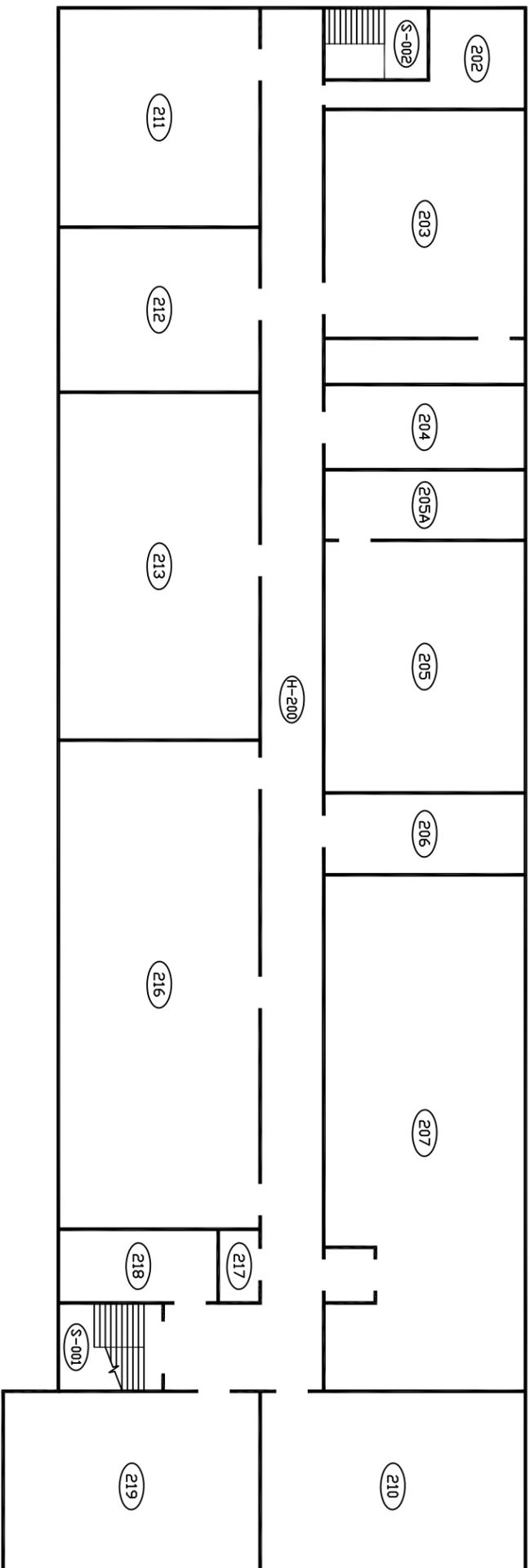
B-101

S-001

B-100

B-100

<p>ENVIRONMENTAL ENTERPRISE GROUP, INC. 1345 Bartrick Rd. NORTH CHARLESTON, SOUTH CAROLINA 29405</p>			
<p>FLOOR PLAN BUILDING 1081 - BASEMENT & CRAWLSPACE ARC FT MCCLELLAN (AL079) FT MCCLELLAN, ALABAMA</p>			
DATE	PREPARED BY	DRAWN BY	REV
01-28-05	T. LEWIS	J.I. BROWNLEE	-
SCALE	DWG NUMBER	SHEET	
NONE	eeengine_AL079_Bldg1081_BldgCrspl	1 OF 1	



ENVIRONMENTAL ENTERPRISE GROUP, INC.			
1345 Bartrick Rd. NORTH CHARLESTON, SOUTH CAROLINA 29405			
FLOOR PLAN			
BUILDING 1081 - SECOND FLOOR			
ARC FT MCCLELLAN (AL079)			
FT MCCLELLAN, ALABAMA			
DATE	PREPARED BY	DRAWN BY	REV
01-28-05	T. LEWIS	J.I. BROWNLEE	-
SCALE	DWG NUMBER	SHEET	
NONE	ee\inc_AL079_Bldg1081_2nd Fl	1 OF 1	



Building 1081 (Faith Wing) – Main Reserve Building
US Army Reserve Center – Ft McClellan, AL (AL079)

APPENDIX C

Quality Evaluation Results

Lead-Based Paint Survey Report
Quality Evaluation Results

ORIGINAL XRF Shot #	ORIGINAL Result	RETEST XRF Shot #	RETEST Result	Average	Squared
1429	0.0100	1430	0.0200	0.0150	0.0002
1439	0.0000	1440	-0.0400	-0.0200	0.0004
1443	0.0200	1444	0.0000	0.0100	0.0001
1447	0.0200	1448	0.0000	0.0100	0.0001
1450	0.0000	1451	0.0200	0.0100	0.0001
Total	0.0500		0.0000	0.0250	0.0009

Original Reading Average **0.0050**
Retest Reading Average **0.0000**
 0.0050

Absolute Difference 0.0050

$$\begin{aligned}
 C &= 0.0009 \\
 D &= 0.0009 \times 0.0072 = 0.0000 \\
 E &= 0.0000 + 0.0320 = 0.0320 \\
 F &= 0.0320 \text{ sqrt} = 0.1789 \\
 \text{Retest Tolerance Limit} &= 0.1789 \times 1.645 = 0.2943
 \end{aligned}$$

Retest Tolerance Limit = 0.2943
Absolute Difference = 0.0050

Inspection passed retest: 0.0050 < 0.2943

The Retest Tolerance Limit was computed using the following steps

1. Calculate the average of the original XRF result and retest XRF result for each combination.
2. Square the average of each testing combination
3. Add the squared averages together. This quantity is called C.
4. Multiply the number C by 0,0072. This quality is called D.
5. Add the number 0.032 to D. This quantity is called E.
6. Take the square root of E. Call this quantity F.
7. Multiply F by 1.645. The result is the Retest Tolerance Limit.
8. Find the absolute difference of the two averages.

If the absolute difference is less than the Retest Tolerance Limit, the inspection has passed retest. If the difference of the overall averages equals or exceeds the Retest Tolerance Limit, the procedure should be repeated with ten new testing combinations. If the difference of the overall averages is equal to or greater than the Retest Tolerance Limit a second time, the inspection is considered deficient. Retest Tolerance was performed in accordance with HUD/EPA Performance Characteristics Sheet for Niton XRF instruments.



6312 West Oakton Street
 Morton Grove, IL 60053-2723
 847-965-1999
 Fax 847-965-1991

March 20, 2006

USAR 81ST RRC
 ATTN: BEN DUNN
 BLDG 1511
 745 MCDONALD STREET
 GUNTER ANNEX, AL 36144

RE: Radon Monitor Test Results

This report lists the average radon concentration your radon monitor has been exposed to for the period between the reported start and end dates. The result is rounded to the nearest 0.1 picocuries per liter (pCi/l), the unit in which the radon concentration is expressed. Before making a decision about radon reduction actions, you may wish to retest for a longer period if the result is close to 4 pCi/l. If testing instructions were not followed, the result may not be accurate. Additional information is printed on both sides of this form.

AL 083
 ECS 157
 AL 079
 Faith Wing

Monitor Number	pCi/l	Test Location	Exposure Start	Exposure End Date
168594	0.8	3415 MCLELLAN BLVD-OFFICE Shop Foreman	12/02/05	02/28/06
168617	0.7	BLDG 1081 FEDERAL WAY-OFFICE -vacant	12/02/05	02/28/06

WHAT YOUR TEST RESULTS MEAN

The average indoor radon level in homes is estimated by the US EPA to be below 2 pCi/l. About 0.4 pCi/l is normally found in outside air. Congress has set a long-term goal that indoor radon levels be no more than outdoor levels. While this goal is not yet technologically achievable in all cases, the radon concentration in most homes with elevated concentrations can be reduced to below 2 pCi/l. However, US EPA believes that any radon exposure carries some risk. No level of radon is safe and you can reduce your risk of lung cancer by lowering your radon exposure. If your living patterns change and you begin occupying a level of your home lower than the level on which you have tested, you should retest your home on that lower level. Also, radon concentrations fluctuate daily, seasonally, and with weather conditions. This alpha track monitor provides the best averaging for these fluctuations. Therefore, you may wish to test again for a full year to average seasonal fluctuations or if exposure was for less than 90 days.

Dunn, John B Mr 81 RRC INST MGMT

From: Mark Moltzen [moltzen@EEGINC.net]
Sent: Tuesday, November 28, 2006 9:24 AM
To: Dunn, John B Mr 81 RRC INST MGMT
Subject: RE: Faith Wing Asbestos

Attachments: Faith Wing Report _Rev A.pdf



Faith Wing Report
_Rev A.pdf (...)

Ben,

Here is the updated report for Faith Wing. Sorry for any delays we may have caused. If you have any ??? or comments please call me.

The quantity, friability and condition for the material is listed in the Building Summary Table. The condition is listed as PD (Potential for Disturbance) which means it is in Good condition.

Thanks for your patience,

Mark

<<Faith Wing Report _Rev A.pdf>>

ASBESTOS INSPECTION REPORT
UNITED STATES ARMY RESERVE
FORT MCCLELLAN - FAITH WING
(AL079)
REV. A
11/06



PREPARED FOR:

UNITED STATES ARMY RESERVE
81ST REGIONAL READINESS COMMAND
BIRMINGHAM, ALABAMA



PREPARED BY:

ENVIRONMENTAL ENTERPRISE GROUP
10179 HIGHWAY 78
LADSON, SOUTH CAROLINA

NOVEMBER 2006

**UNITED STATES ARMY
RESERVE CENTER
FT McCLELLAN – FAITH WING
ALABAMA
(AL079)**

**ASBESTOS INSPECTION
REPORT
REVISION A (11/06)**

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BUILDING SUMMARY

BUILDINGS

Page No.

BLDG. 1081: Main Reserve Center (Faith Wing) - -	BLDG 1081-1
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US ARMY RESERVE CENTER – FT McCLELLAN (AL079)
ASBESTOS INSPECTION REPORT – Rev. A (11/06)

EXECUTIVE SUMMARY

1. **INTRODUCTION**

Asbestos Building Inspectors Mark Moltzen and Terry Lewis from the Environmental Enterprise Group, Inc. (EEG) of Charleston, SC conducted an inspection to identify asbestos containing building material (ACBM) at the US Army Reserve Center (Faith Wing) located in Fort McClellan, Alabama. The inspection was conducted on 10 December 2004 and the results of the inspection provide an inventory of ACBM in one (1) building. Additional samples were taken on site visit on 11 November 2006 to identify previously un-sampled suspect material. Those changes are noted by underlining updated text

All inspectors were certified by an EPA accredited training center under the Asbestos Hazard Emergency Response Act (AHERA), as Building Inspectors. All Inspectors and Management Planners are employees of EEG, Inc. and copies of inspector licenses are located in the **TRAINING** section of this report.

Suspect ACBM was identified and sampled in accordance with AHERA-style guidelines (See Paragraph 5 for sampling strategy). Some materials suspected of being ACBM may not have been assumed to be ACBM and not sampled. Assumed materials may include floor tile and ventilation transition boots. Some materials may not have been identified as ACBM because they were portable and removable (e.g. blackboards, fire hoses), were not safe to sample (e.g. electrical insulation), or sampling would have damaged the material and impaired the normal system operation/integrity (e.g. heating/ventilation/AC systems, furnace, boiler door and pipe gaskets).

Bulk samples were analyzed by the Environmental Hazards Services (EHS) laboratory of Richmond, Virginia. EHS is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP) and the American Industrial Hygiene Association (AIHA) for asbestos analysis. Polarized Light Microscopy (PLM) was used to analyze samples.

Materials identified as ACBM and either sampled or assumed were designated a homogeneous area by similarity of color, texture and date of application. Each homogeneous area was assessed in accordance with the "Asbestos Facility Inventory/Assessment Protocol," NEESA 70.2-010, Developed by the Naval Facilities Engineering Service Center (NFESC).

US ARMY RESERVE CENTER – FT McCLELLAN (AL079)
ASBESTOS INSPECTION REPORT – Rev. A (11/06)

The NFESC protocol establishes an algorithm rating for each homogeneous area based on condition, quantity, friability, exposure potential, number of persons exposed, building significance and percentage of asbestos present in the material. The ***BUILDING SUMMARY TABLES*** lists the ratings for each homogeneous area. The rating is heavily weighted by condition, friability, exposure potential and building significance. The higher the rating, the more attention is needed for this material. For the purposes of this inspection, all buildings were listed as essential and occupied during the inspection.

2. **FINDINGS SUMMARY**

BUILDING 1081 (Main Reserve Center): Confirmed friable ACBM in the form of Aircell piping insulation was found in this building.

See individual Building Summary for detailed information on these materials. Buildings containing asbestos are required to be included in an Operations and Maintenance (O&M) Program. Any identified asbestos containing material not removed must be maintained following the guidelines of an O&M Plan.

3. **RENOVATION/DEMOLITION**

The National Emission Standard for Hazardous Air Pollutants (NESHAP) 40 CFR Part 61 requires written notification to the state and/or local environmental regulators at least ten working days prior to renovation or demolition of ACBM in quantities of 260 linear feet, 160 square feet, 35 cubic feet, or greater, except in cases of emergencies.

Contractors are advised to verify most current regulations with the state and/or local environmental regulators prior to start of any work.

US ARMY RESERVE CENTER – FT McCLELLAN (AL079)
ASBESTOS INSPECTION REPORT – Rev. A (11/06)

4. **REPORT ORGANIZATION**

Specific, detailed information on each inspected building is noted in the *BUILDING SUMMARIES* section of this report and include the following:

Photos of existing buildings

Narrative description of the building with findings and recommendations

Building Summary Table

Report Summary Table

Laboratory Test Results Table

Operations and Maintenance Table

CADD drawing showing sample locations

Chain of Custody and laboratory results forms

Following the *BUILDING SUMMARIES* is a tabbed section for *TRAINING*. Copies of each inspector's appropriate certificates and laboratory accreditations are included there.

5. **SAMPLING STRATEGY**

The sampling and analysis of bulk samples was conducted in accordance with established AHERA guidelines. Unless otherwise stated, the following sampling scheme was utilized during the survey:

Thermal System Insulation (TSI)

- 1) A minimum of 1 sample was taken of each homogenous area <6 linear feet (LF) or <6 square feet (SF).
- 2) A minimum of 3 samples was taken of each homogenous area >6 LF or > 6 SF.

Surfacing Materials

- 1) A minimum of 3 samples were taken of each homogeneous area of material 1000 SF or less.
- 2) A minimum of 5 samples were taken of each homogenous area of material greater than 1000 SF but less than 5000 SF.
- 3) A minimum of 7 samples were taken of each homogenous area of material greater than 5000 SF.

Miscellaneous Materials (Including floor tiles, ceiling tiles and mastics)

A minimum of 2 samples

US ARMY RESERVE CENTER – FT McCLELLAN (AL079)
ASBESTOS INSPECTION REPORT – Rev. A (11/06)

6. **DISCLAIMER**

A comprehensive and thorough asbestos inspection was conducted on these facilities by certified and experienced Environmental Enterprise Group asbestos inspectors. Every effort was made to identify all ACBM in the facility, but due to random sampling techniques mandated by EPA regulations and the non-destructive sampling policy for this project, the possibility always exists that some ACBM remains undetected.

**US ARMY RESERVE CENTER - FT McCLELLAN
ASBESTOS BUILDING INSPECTION**

REPORT SUMMARY TABLE

Bldg No.	Bldg Name or Description	Year Built	Sq. Ft.	Number of Homogeneous Areas		Comments
				Total	Confirmed	
1081	Faith Wing Reserve Center	1960	31,300	9	0	1 Aircell piping TSI

NOTES: N/A

US ARMY RESERVE CENTER – FT McCLELLAN (AL079)
ASBESTOS INSPECTION REPORT – Rev. A (11/06)

BUILDING SUMMARY

The following pages report observations noted and suggest actions required as a result of an asbestos inspection conducted by Environmental Enterprise Group, Inc. in December of 2004 and updated November 2006. One (1) building at the US Army Reserve Center located in Fort McClellan, AL was inspected for possible presence of suspect/assumed asbestos. This section provides *Description, Findings, Observations, Recommended Abatement Action, and Recommendations for Operations and Maintenance* for each building inspected.

The room numbers shown on the CADD drawings and referenced in this report were assigned by the inspectors at the time of inspection unless previous room numbers were assigned and displayed.

Some room numbers are prefixed by a letter to indicate the type of room; **E** indicates an entry to the building, **H** indicates a hallway, **R** indicates a roof, **S** indicates a stairwell, **A** is an attic area and **B** indicates basement rooms.



Building 1081 (Faith Wing) - Main Reserve Building
US Army Reserve Center - Ft McClellan, AL (AL079)

BUILDING 1081: Faith Wing Reserve Center

1. DESCRIPTION:

Building 1081 is a 31,300 square-foot building constructed in the 1960s. It is a concrete block structure with tar & gravel roofing. The following information was identified during the inspection and from the analysis of the samples taken:

- Nine homogeneous areas were identified during the inspection.
- No homogeneous areas were assumed to contain asbestos.
- Nine of the homogeneous areas were suspected to contain asbestos and sampled to confirm.
- One suspected homogeneous area was confirmed to contain asbestos.

2. FINDINGS:

Nine homogeneous areas with suspected ACM were identified. Nineteen samples were collected and analyzed. Sample results are summarized in the Laboratory Test Results table in this section. Friable asbestos was found in one homogeneous area.

Confirmed ACM. The following homogeneous areas sampled were confirmed to contain asbestos:

- H-9: TSI, PIPE, AIRCELL, Brown

Asbestos Free. Asbestos was not detected in the following homogeneous areas:

- H-1: MISC, FLOOR TILE & MASTIC, 12" white tile w/gray & beige marbling/mastic
- H-2: MISC, SHEETROCK/MUD, White
- H-3: MISC, ACOUSTICAL TILE, White w/pinholes & grooves
- H-4: MISC, SHEET FLOORING, Pink & white linoleum/mastic
- H-5: MISC, GLAZING, WINDOW INTERIOR, Beige
- H-6: TSI, PIPE, AIRCELL, Brown (wrapped in black paper)
- H-7: TSI, FITTING, MUDDERED, Gray
- H-8: MISC, ROOFING, TAR AND GRAVEL, Black

Assumed ACM. The following homogeneous areas were assumed to contain asbestos: **NONE**

3. OBSERVATIONS: Re-inspection conducted of suspect material (H-9) in 11/06 found asbestos TSI located in Room B-104. More of this material may be located above ceiling in Room B-101, which is inaccessible. Ceiling tiles replaced within past 6-7 years and are not considered to be suspect material.

US ARMY RESERVE CENTER – FORT McCLELLAN, AL
ASBESTOS INSPECTION REPORT – Rev. A (11/06)

4. RECOMMENDED ABATEMENT ACTIONS:

Recommended actions for the following homogeneous areas:

- H-9: T TSI, PIPE, AIRCELL: O&M until Removed

5. RECOMMENDATIONS FOR OPERATIONS AND MAINTENANCE:

Operations & Maintenance recommendations for confirmed homogeneous areas of ACM are found in the O&M Table of this report. The materials listed below should be maintained following the guidelines in the O & M Plan during regular maintenance and small-scale repair activities, until removed.

TSI PIPING is Confirmed, Moderately-friable ACM.

H-9 (PIPING, Aircell) is located in Room B-104.

BUILDING SUMMARY TABLE

US ARMY RESERVE CENTER - FT McCLELLAN ASBESTOS BUILDING INSPECTION

Building No. 1081

H- No	ACM Y,N,A	Material Description	Quantity	Rating	Fria- bility	Con- d	% D	Recommended Action	Abate Cost	Comments
1	N	Misc, FLOOR TILE & MASTIC, 12" white tile w/gray & beige marbling/mastic Rooms B-104, H-100, various	SF	0						
2	N	Misc, SHEETROCK/MUD, White Rooms 115, 205a, various	SF	0						
3	N	Misc, ACOUSTICAL TILE, White w/pinholes & grooves Rooms 111	SF	0						
4	N	Misc, SHEET FLOORING, Pink & white linoleum/mastic Rooms 120	SF	0						
5	N	Misc, GLAZING, WINDOW INTERIOR, Beige Rooms H-100, H-200	SF	0						
6	N	TSI, PIPE, AIRCELL, Brown Rooms Crawlspace	SF	0						Wrapped in black paper.
7	N	TSI, FITTING, MUDDED, Gray Rooms Crawlspace	SF	0						
8	N	Misc, ROOFING, TAR AND GRAVEL, Black Rooms Roof	SF	0						
9	Y	TSI, PIPE, AIRCELL, Brown Rooms B-104	10 LF	20	Mod	PD	0.0	O&M/Remove		May also be located above ceiling in Room B-101 (inaccessible).

Note: Asbestos abatement cost estimates are not included in this report.

H-No= Homogenous Area Number, ACM= Asbestos Containing Material: Y=Yes, N= No, A= Assumed, TSI= Thermal System Insulation, Misc= Miscellaneous, Quantity: SF= Square Footage, LF= Linear Feet, Friability: Mod= Moderate, Condition: PD= Potential for Damage, D= Damaged, SD= Significantly Damaged, Recommended Action: O&M= Operation and Maintenance

LABORATORY TEST RESULTS TABLE

**US ARMY RESERVE CENTER - FT McCLELLAN
ASBESTOS BUILDING INSPECTION
INDUSTRIAL LABORATORY TEST REPORT**

Building No. 1081

Hom. Area No.	ASB Y/N	Sample Number	Room Number	Material Description:	Date Sampled	Date Analyzed	Sample Results	Percent Asbestos
1	NO	FaithWng-001	H-100	Misc, FLOOR TILE & MASTIC, 12" white tile w/gray & beige marbli	12/10/04	12/21/04	No Asbestos Detected	0%
1	NO	FaithWng-002	B-104	Misc, FLOOR TILE & MASTIC, 12" white tile w/gray & beige marbli	12/10/04	12/21/04	No Asbestos Detected	0%
2	NO	FaithWng-003	205a	Misc, SHEETROCK/MUD, White	12/10/04	12/21/04	No Asbestos Detected	0%
2	NO	FaithWng-004	115	Misc, SHEETROCK/MUD, White	12/10/04	12/21/04	No Asbestos Detected	0%
3	NO	FaithWng-005	111	Misc, ACOUSTICAL TILE, White w/pinholes & grooves	12/10/04	12/21/04	No Asbestos Detected	0%
3	NO	FaithWng-006	111	Misc, ACOUSTICAL TILE, White w/pinholes & grooves	12/10/04	12/21/04	No Asbestos Detected	0%
4	NO	FaithWng-007	120	Misc, SHEET FLOORING, Pink & white linoleum/mastic	12/10/04	12/21/04	No Asbestos Detected	0%
4	NO	FaithWng-008	120	Misc, SHEET FLOORING, Pink & white linoleum/mastic	12/10/04	12/21/04	No Asbestos Detected	0%
5	NO	FaithWng-009	H-200	Misc, GLAZING, Beige	12/10/04	12/21/04	No Asbestos Detected	0%
5	NO	FaithWng-010	H-200	Misc, GLAZING, Beige	12/10/04	12/21/04	No Asbestos Detected	0%
6	NO	FaithWng-011	Crawlspace	TSI, PIPE, Brown	12/10/04	12/21/04	No Asbestos Detected	0%
6	NO	FaithWng-012	Crawlspace	TSI, PIPE, Brown	12/10/04	12/21/04	No Asbestos Detected	0%
6	NO	FaithWng-013	Crawlspace	TSI, PIPE, Brown	12/10/04	12/21/04	No Asbestos Detected	0%
7	NO	FaithWng-014	Crawlspace	TSI, FITTING, Gray	12/10/04	12/21/04	No Asbestos Detected	0%
8	NO	FaithWng-015	Roof	Misc, ROOFING, Black	12/10/04	12/21/04	No Asbestos Detected	0%
8	NO	FaithWng-016	Roof	Misc, ROOFING, Black	12/10/04	12/21/04	No Asbestos Detected	0%
9	YES	FaithWng-017	B-104	TSI, PIPE, Brown	11/17/06	11/22/06	Chrysotile	10%
9	YES	FaithWng-018	B-104	TSI, PIPE, Brown	11/17/06	11/22/06	Chrysotile	9%
9	YES	FaithWng-019	B-104	TSI, PIPE, Brown	11/17/06	11/22/06	Chrysotile	10%

TEST METHOD: Method for the determination of Asbestos in bulk building materials (EPA/600/R-93/116) DETECTION LIMIT: 1%

**OPERATIONS AND
MAINTENANCE TABLE**

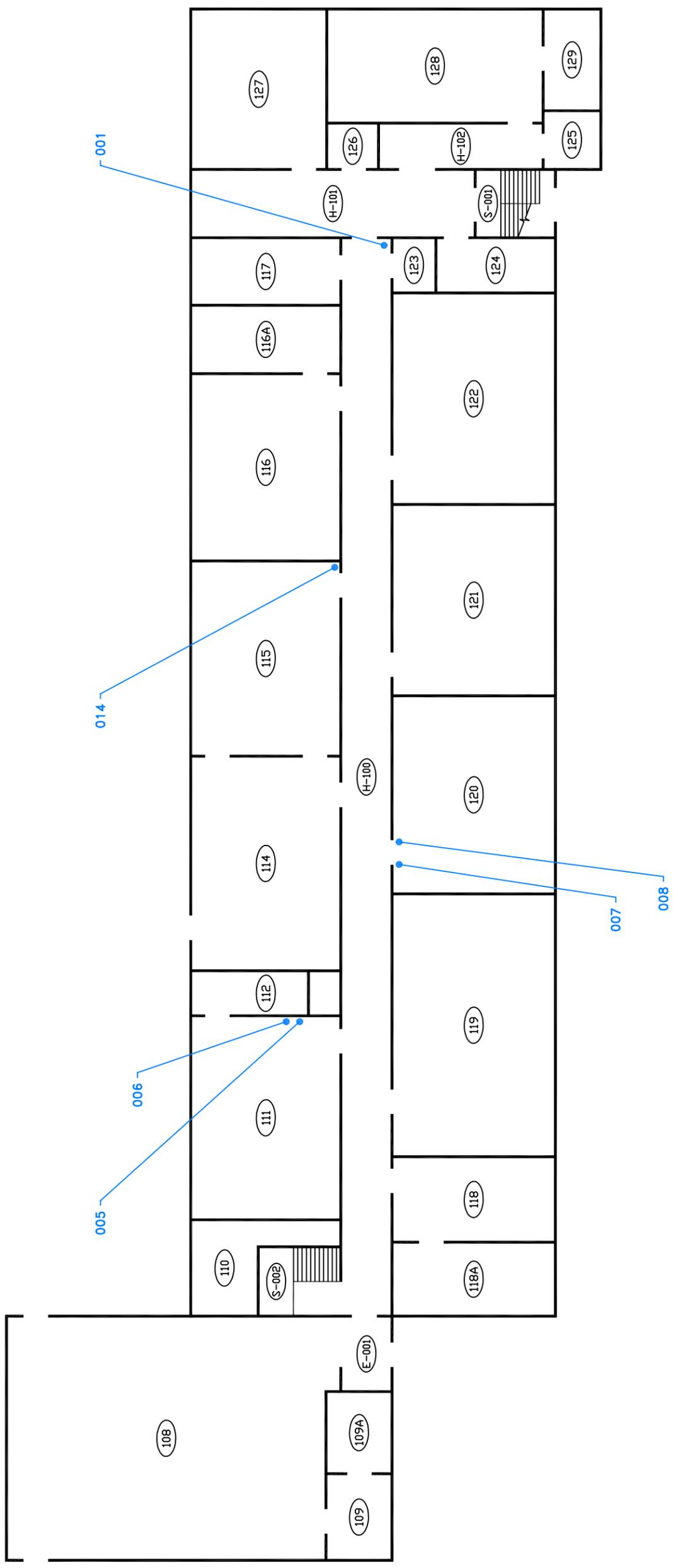
**US ARMY RESERVE CENTER - FT McCLELLAN
ASBESTOS BUILDING INSPECTION**

O&M

Bldg. No.	Homo No.	Material Description	Quantity	Rat- ing	Fria- bility	Condition	% D	Recommended Action
1081	9	TSI, PIPE, AIRCELL, Brown	10 LF	20	Mod	Not Damaged	0.00	O&M/Remove

Locations: Rooms B-104

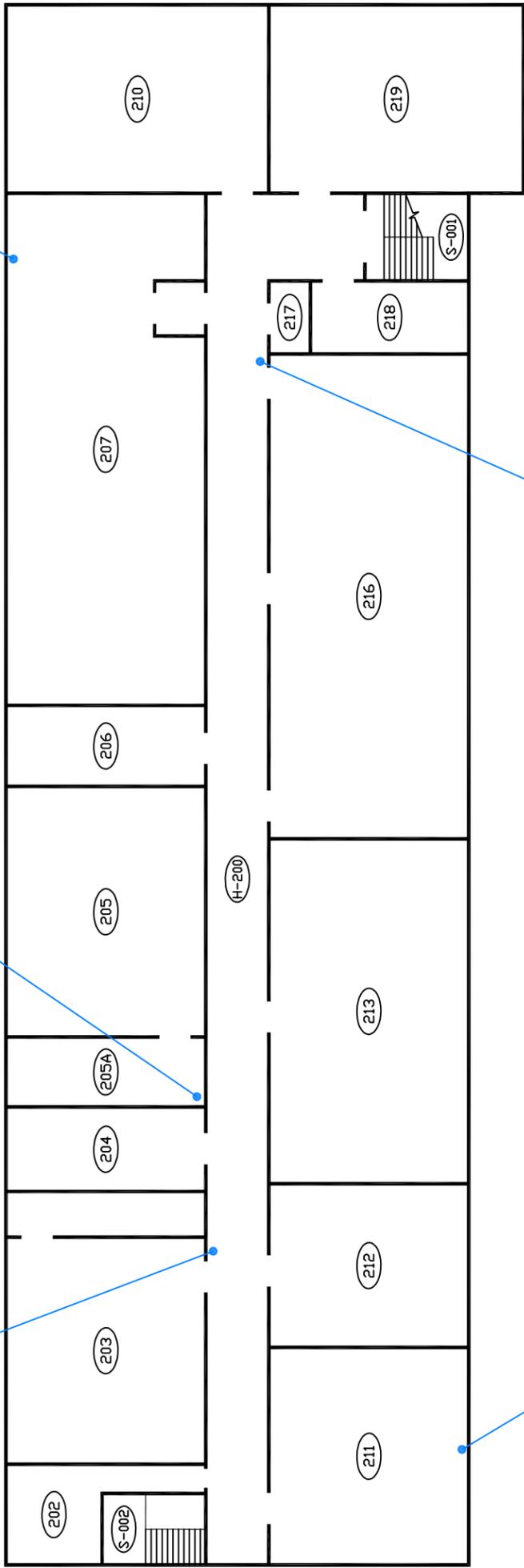
Homo No= Homogenous Area Number, ACM= Asbestos Containing Material, TSI= Thermal System Insulation, MISC= Miscellaneous, Quantity: SF= Square Footage, LF= Linear Feet, Friability: Mod= Moderate, Non= Non-Friable, Recommended Action: O&M= Operation and Maintenance, Refer to the Section III Operations and Maintenance Plan for standard O&M and Repair procedures.



LEGEND

- (XXX) --- Indicates unique room number assigned by inspector
- (XXX) --- Indicates sample locations which tested positive for asbestos

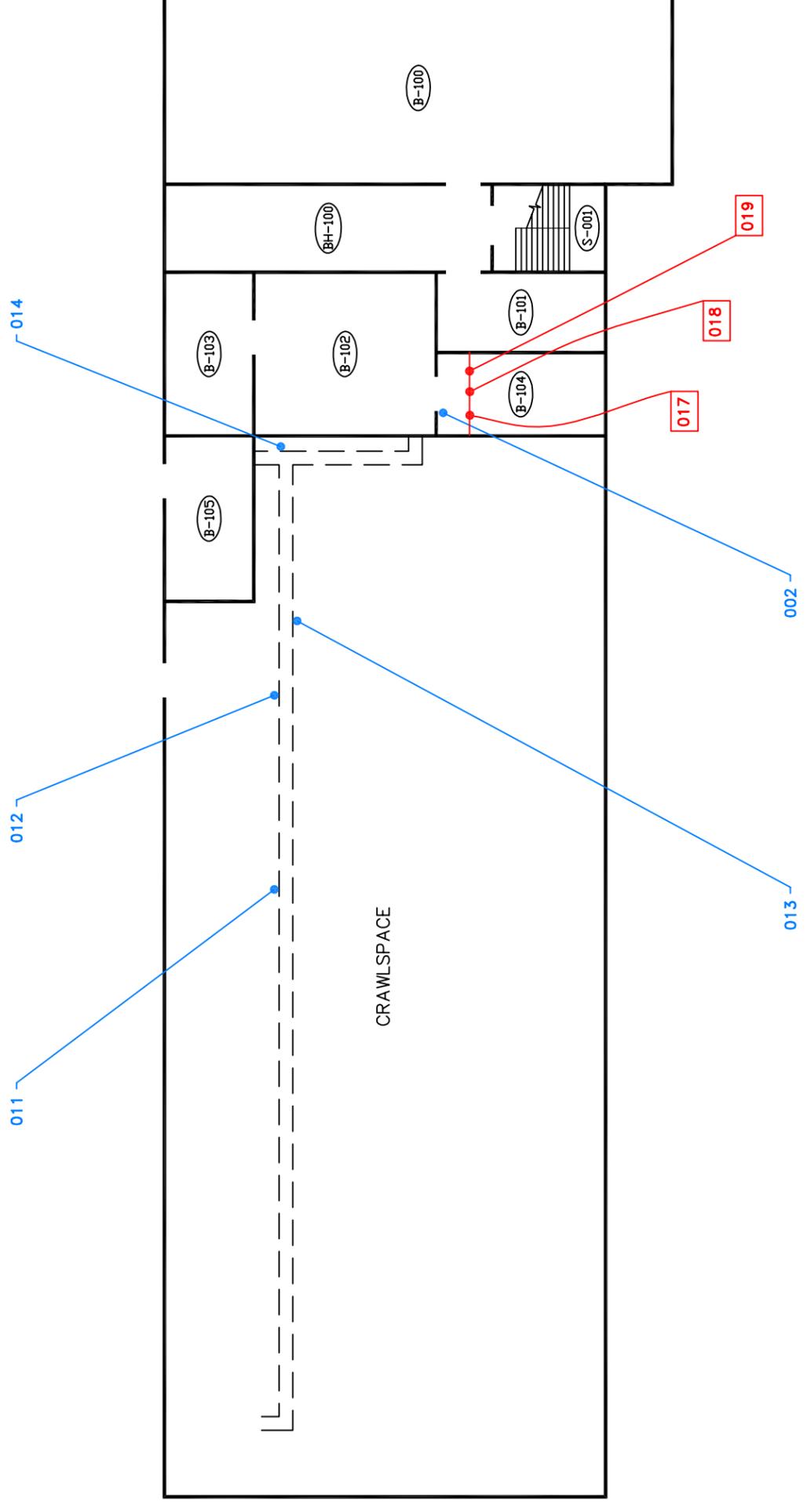
ENVIRONMENTAL ENTERPRISE GROUP, INC. 1345 Barracks Rd. NORTH CHARLESTON, SOUTH CAROLINA 29405	
ASBESTOS SAMPLE LOCATIONS BUILDING 1081 - FIRST FLOOR ARC FT MCCLELLAN (AL079) FT MCCLELLAN, ALABAMA	
DATE 01-28-05	PREPARED BY T. LEWIS
SCALE NONE	DWG NUMBER ee9inc_AL079_Bldg1081_1st Fl
REV -	DRAWN BY J.I. BROWNLEE
	SHEET 1 OF 1



LEGEND

- (XXX) --- Indicates unique room number assigned by inspector
- (XXX) --- Indicates sample locations which tested positive for asbestos

ENVIRONMENTAL ENTERPRISE GROUP, INC. 1345 Barracks Rd. NORTH CHARLESTON, SOUTH CAROLINA 29405	
ASBESTOS SAMPLE LOCATIONS BUILDING 1081 - SECOND FLOOR ARC FT MCCLELLAN (AL079) FT MCCLELLAN, ALABAMA	
DATE 01-28-05	PREPARED BY T. LEWIS
SCALE NONE	DWG NUMBER ee9inc_AL079_Bldg1081_2nd Fl
REV -	DRAWN BY J.I. BROWNLEE
	SHEET 1 OF 1



LEGEND

- (XXX) --- Indicates unique room number assigned by inspector
- (XXX) --- Indicates sample locations which tested positive for asbestos

ENVIRONMENTAL ENTERPRISE GROUP, INC. 1345 Barracks Rd. NORTH CHARLESTON, SOUTH CAROLINA 29405			
ASBESTOS SAMPLE LOCATIONS BUILDING 1081 - BASEMENT & CRAWLSPACE ARC FT MCCLELLAN (AL079) FT MCCLELLAN, ALABAMA			
DATE	PREPARED BY	DRAWN BY	REV
11-29-06	M. MOLTZEN	L. DIASIO	A
SCALE	DWG NUMBER	SHEET	
NONE	06_eeginc_AL079_Bldg1081_Bt&Crsp	1 OF 1	

ENVIRONMENTAL HAZARDS SERVICES, L.L.C.

7469 WHITE PINE ROAD - RICHMOND, VA 23237

804-275-4788 FAX 804-275-4907

BULK ASBESTOS SAMPLE ANALYSIS SUMMARY

CLIENT: Environmental Enterprise Group, Inc.
1345 Barracks Road
North Charleston, SC 29405

DATE OF RECEIPT: 20 DEC 2004
DATE OF ANALYSIS: 21 DEC 2004
DATE OF REPORT: 22 DEC 2004

CLIENT NUMBER: 42-4515 B
EHS PROJECT #: 12-04-2476
PROJECT: USARC Ft. McClellan, AL; Building #1081

EHS SAMPLE #	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
01A	ARC-FaithWng-001(a)-Tile/ Off-White/Pale Gray Gran.	NAD	100% Non-Fibrous
01B	ARC-FaithWng-001(b)-Mastic/ Black Adhes.	NAD	12% Cellulose 88% Non-Fibrous
02A	ARC-FaithWng-002(a)-Tile/ Off-White/Pale Gray Gran.	NAD	100% Non-Fibrous
02B	ARC-FaithWng-002(b)-Mastic/ Black Adhes.	NAD	15% Cellulose 85% Non-Fibrous
03	ARC-FaithWng-003/ Off-White/White Brittle; Beige Fib.	NAD	15% Cellulose 3% Fibrous Glass 82% Non-Fibrous
04	ARC-FaithWng-004/ White/Pale Beige Brittle; Beige Fib.	NAD	9% Cellulose 1% Fibrous Glass 90% Non-Fibrous
05	ARC-FaithWng-005/ Tan Fib.; Blue/White Brittle	NAD	90% Cellulose 10% Non-Fibrous
06	ARC-FaithWng-006/ Tan Fib.; Blue/White Brittle	NAD	90% Cellulose 10% Non-Fibrous
07A	ARC-FaithWng-007(a)-Flooring/ Pale Pink/White Vinyl-Like; Pale Gray Fib.	NAD	25% Cellulose 10% Fibrous Glass 65% Non-Fibrous
07B	ARC-FaithWng-007(b)-Mastic/ Yellow Adhes.	NAD	8% Cellulose 2% Hair 90% Non-Fibrous
08A	ARC-FaithWng-008(a)-Flooring/ Pale Pink/White Vinyl-Like; Pale Gray Fib.	NAD	25% Cellulose 10% Fibrous Glass 65% Non-Fibrous

ENVIRONMENTAL HAZARDS SERVICES, L.L.C.

CLIENT NUMBER: 42-4515 B
EHS PROJECT #: 12-04-2476
PROJECT: USARC Ft. McClellan, AL; Building #1081

EHS SAMPLE #	CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
08B	ARC-FaithWng-008(b)-Mastic/ Yellow Adhes.	NAD	8% Cellulose 2% Hair 90% Non-Fibrous
09	ARC-FaithWng-009/ Beige/Off-White Brittle	NAD	100% Non-Fibrous
10	ARC-FaithWng-010/ Beige/Off-White Brittle	NAD	100% Non-Fibrous
11	ARC-FaithWng-011/ Tan/Dk. Brown Fib.; Off-White Brittle	NAD	70% Cellulose 10% Hair 20% Non-Fibrous
12	ARC-FaithWng-012/ Tan Fib.; Off-White Brittle	NAD	80% Cellulose 15% Synthetic 5% Non-Fibrous
13	ARC-FaithWng-013/ Tan Fib.; Off-White Brittle	NAD	80% Cellulose 15% Hair 5% Non-Fibrous
14	ARC-FaithWng-014/ Pale Gray Fib.	NAD	5% Cellulose 50% Fibrous Glass 45% Non-Fibrous
15	ARC-FaithWng-015/ Black Pliable; Black Fib.	NAD	30% Cellulose 15% Fibrous Glass 55% Non-Fibrous
16	ARC-FaithWng-016/ Black Pliable; Black Fib.	NAD	25% Cellulose 20% Fibrous Glass 55% Non-Fibrous

QC SAMPLE: M2-1999-1

QC BLANK: SRM 1866 Fiberglass

REPORTING LIMIT: 1% Asbestos

METHOD: Polarized Light Microscopy, EPA Method 600/R-93/116 *

ANALYST: Mark Case

Reviewed By Authorized Signatory:



Howard Varner, Laboratory Director

Irma Faszewski, Quality Assurance Coordinator

David Xu, MS, Senior Chemist

Feng Jiang, MS, Senior Geologist

Michael A. Mueller, Quality Assurance Manager

ENVIRONMENTAL HAZARDS SERVICES, L.L.C.

CLIENT NUMBER: 42-4515 B
EHS PROJECT #: 12-04-2476
PROJECT: USARC Ft. McClellan, AL; Building #1081

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Results represent the analysis of samples submitted by the client. Sample location, description, area, volume, etc., was provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of Environmental Hazards Services, L.L.C. California Certification #2319 NY ELAP #11714. All information concerning sampling location, date, and time can be found on Chain-of-Custody. Environmental Hazards Services, L.L.C. does not perform any sample collection.

Environmental Hazards Services, L.L.C. recommends reanalysis by point count (for more accurate quantification) or Transmission Electron Microscopy (TEM), for enhanced detection capabilities) for materials regulated by the EPA NESHAP (National Emission Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

* All California samples analyzed by Polarized Light Microscopy, EPA Method 600/M4-82-020, Dec. 1982.

LEGEND NAD = no asbestos detected
 SCF = suspected ceramic fibers

plm1.dot/29OCT2004/ MR

-- PAGE 03 of 03 -- END OF REPORT --

16 PLM

EHS 12-04-2476

ASBESTOS CHAIN OF CUSTODY FORM



FACILITY: USARC FT McCLELLAN, AL BUILDING: 1081

INSPECTOR'S NAME(S): Mark Moltzen / Terry Lewis DATE: 12/10/04

(PRINT)

TOTAL NUMBER OF SAMPLES RELINQUISHED: 16

<u>Sample #s:</u>	<u>Relinquished by / Date:</u>	<u>Received by / Date:</u>
<u>ARC-Faithing-001</u>	<u>T. Lewis 12/15/04</u>	<u>[Signature] 12-20-04 1109a</u>
<u>Area 016</u>		

ANALYSIS REQUIRED

- Bulk ID by PLM
- Asbestos Wipe
- Fiber Count (PCM)
- TEM Chatfield (Bulk)
- TEM Air
- Other (specify) _____

Additional Information / Comments

EEG Inc Control No. 358

Notify of Results: Terry Lewis Phone (843) 202-8062

EEG, INC
1345 Barracks Road
North Charleston, SC 29405
(843) 202-8000
FAX (843) 202-8001

SAMPLE CONDITION

Acceptable

Unacceptable

ASBESTOS SAMPLE LOG



FACILITY: USARC FT MCCLELLAN, AL

Building: 1081

INSPECTORS NAMES: Mark Moltzen / Terry Lewis
(PRINT)

DATE: 12/10/04

INSPECTOR SIGNATURE / LICENSE #: Terry Lewis

SAMPLE NO.	HOMO #	SAMPLE LOCATION (Room #, Floor #, Etc.)	SAMPLE DESCRIPTION
EEG, Inc. ARC-FaithWng - 001	H-1	H 100	12" FT WHT w/ GRY & BEIGE
EEG, Inc. ARC-FaithWng - 002	H-1	B 104	↓ ↓
EEG, Inc. ARC-FaithWng - 003	H-2	205 A	SR MUD
EEG, Inc. ARC-FaithWng - 004	H-2	115	↓ ↓
EEG, Inc. ARC-FaithWng - 005	H-3	111	ACOUSTIC TILE
EEG, Inc. ARC-FaithWng - 006	H-3	111	↓ ↓
EEG, Inc. ARC-FaithWng - 007	H-4	120	LINOLEUM
EEG, Inc. ARC-FaithWng - 008	H-4	120	↓ ↓
EEG, Inc. ARC-FaithWng - 009	H-5	H 200	WINDOW GLAZING
EEG, Inc. ARC-FaithWng - 010	H-5	H 200	↓ ↓
EEG, Inc. ARC-FaithWng - 011	H-6	CRAWLSPACE	PPG TSI AIR CELL -BRN
EEG, Inc. ARC-FaithWng - 012	H-6	CRAWLSPACE	↓ ↓

ASBESTOS SAMPLE LOG



FACILITY: USARC FT McCLELLAN, AL

Building: 1081

INSPECTORS NAMES: Mark Moltzen / Terry Lewis
(PRINT)

DATE: 12/10/04

INSPECTOR SIGNATURE / LICENSE #: _____

SAMPLE NO.	HOMO #	SAMPLE LOCATION (Room #, Floor #, Etc.)	SAMPLE DESCRIPTION
EEG, Inc. ARC-FaithWng - 013	H-6	CRAWL SPACE	PPG TSI AIR CELL-BRN
EEG, Inc. ARC-FaithWng - 014	H-7	CRAWL SPACE	TSI - MUD
EEG, Inc. ARC-FaithWng - 015	H-8	ROOF	ROOFING TAR PAPER
EEG, Inc. ARC-FaithWng - 016	H-8	ROOF	↓ ↓

ENVIRONMENTAL HAZARDS SERVICES, L.L.C.

7469 WHITE PINE ROAD - RICHMOND, VA 23237

804-275-4788 FAX 804-275-4907

BULK ASBESTOS SAMPLE ANALYSIS SUMMARY

CLIENT: Environmental Enterprise Group, Inc.
10179 Highway 78
Ladson, SC 29456-3702

DATE OF RECEIPT: 22 Nov 2006
DATE OF ANALYSIS: 22 Nov 2006
DATE OF REPORT: 22 Nov 2006

CLIENT NUMBER: 42-4515 B
EHS PROJECT #: 2006-11-2574
PROJECT: USAR Faith Wing; Bldg. 1081

<u>EHS SAMPLE #</u>	<u>CLIENT SAMPLE #/ LABORATORY GROSS DESCRIPTION</u>	<u>% ASBESTOS</u>	<u>OTHER MATERIALS</u>
01	Faithwing-017/ Tan/White Fib.	10% Chrysotile 10% Total Asbestos	80% Cellulose 10% Non-Fibrous
02	Faithwing-018/ Tan/White Fib.	9% Chrysotile 9% Total Asbestos	80% Cellulose 11% Non-Fibrous
03	Faithwing-019/ Tan/White Fib.	10% Chrysotile 10% Total Asbestos	85% Cellulose 5% Non-Fibrous

QC SAMPLE: M21995-2

QC BLANK: SRM 1866 Fiberglass

REPORTING LIMIT: 1% Asbestos

METHOD: Polarized Light Microscopy, EPA Method 600/R-93/116 *

ANALYST: Mark DeLeonardis

Reviewed By Authorized Signatory:


Michael A. Mueller, MPH, Laboratory Director
Howard Varner, General Manager
Irma Faszewski, Quality Assurance Coordinator

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Results represent the analysis of samples submitted by the client. Sample location, description, area, volume, etc., was provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of Environmental Hazards Services, L.L.C. California Certification #2319 NY ELAP #11714. All information concerning sampling location, date, and time can be found on Chain-of-Custody. Environmental Hazards Services, L.L.C. does not perform any sample collection.

Environmental Hazards Services, L.L.C. recommends reanalysis by point count (for more accurate quantification) or Transmission Electron Microscopy (TEM), for enhanced detection capabilities) for materials regulated by the EPA NESHAP (National Emission Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

* All California samples analyzed by Polarized Light Microscopy, EPA Method 600/M4-82-020, Dec. 1982.

LEGEND NAD = no asbestos detected
SCF = suspected ceramic fibers

plm1.dot/07MAR2006/REV2/ TE

3PLM

EHS 2006-11-2574

VOIC 11-22-06

ASBESTOS CHAIN OF CUSTODY FORM



FACILITY: USAR. FAITH WING BUILDING #: 1081

INSPECTOR'S NAME(S): M.A. MOLTZEN DATE: 11/17/06
(PRINT)

TOTAL NUMBER OF SAMPLES RELINQUISHED: 3

Sample #s:

Relinquished by / Date:

Received by / Date:

FAITHWING-017 TARM 019

MA Moltzen 11/21/06

[Signature] 11-22-06 10a

SAMPLE CONDITION

ANALYSIS REQUIRED

Bulk ID by PLM

TEM Chatfield (Bulk)

Asbestos Wipe

TEM Air

Fiber Count (PCM)

Other (specify) _____

Additional Information / Comments

~~STOP ANALYSIS AFTER 1ST POSITIVE READING PER MATERIAL~~

EEG Inc Control No. _____

EEG Inc Job No. _____

Notify of Results: _____

843 879-0432

EEG, INC
10179 Highway 78
Ladson, SC 29456
(843) 879-0403
FAX (843) 879-0401

APPENDIX E

**REGULATORY DATABASE
SEARCH REPORTS**



"Linking Technology with Tradition"®

Sanborn® Map Report

Ship To: Robert Newman
FMSM Engineers
1901 Nelson Miller
Louisville, KY 40223

Order Date: 7/14/2006 **Completion Date:** 7/18/2006
Inquiry #: 1715536.101s
P.O. #: NA
Site Name: FAITH WING USARC

Customer Project: USARC
1022764WEI 502-212-5039

Address: 215 REGIMENTAL AVE
City/State: FORT MCCLELLAN, AL 36205
Cross Streets:

This document reports that the largest and most complete collection of Sanborn fire insurance maps has been reviewed based on client supplied information, and fire insurance maps depicting the target property at the specified address were not identified.

NO COVERAGE

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report AS IS. Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.



EDR® Environmental
Data Resources Inc

The EDR-City Directory
Abstract

**FAITH WING USARC
215 REGIMENTAL AVE
FORT MCCLELLAN, AL 36205**

Inquiry Number: 1715536.104

Wednesday, July 26, 2006

**The Standard in
Environmental Risk
Management Information**

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

EDR City Directory Abstract

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening report designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

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SUMMARY

- ***City Directories:***

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1961 through 2005. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

Date EDR Searched Historical Sources: July 26, 2006

Target Property:

215 REGIMENTAL AVE
FORT MCCLELLAN, AL 36205

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1961	Street Not Listed in Research Source	Polk's City Directory
1966	Street Not Listed in Research Source	Polk's City Directory
1970	Street Not Listed in Research Source	Polk's City Directory
1975	Street Not Listed in Research Source	Polk's City Directory
1980	Street Not Listed in Research Source	Polk's City Directory
1985	Street Not Listed in Research Source	Polk's City Directory
1990	Street Not Listed in Research Source	Polk's City Directory
1995	Street Not Listed in Research Source	Polk's City Directory
2000	Street Not Listed in Research Source	Polk's City Directory
2005	Street Not Listed in Research Source	Polk's City Directory

Adjoining Properties

SURROUNDING

Multiple Addresses
FORT MCCLELLAN, AL 36205

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1961	Street Not Listed in Research Source	Polk's City Directory
1966	Street Not Listed in Research Source	Polk's City Directory
1970	Street Not Listed in Research Source	Polk's City Directory
1975	Street Not Listed in Research Source	Polk's City Directory
1980	Street Not Listed in Research Source	Polk's City Directory
1985	Street Not Listed in Research Source	Polk's City Directory

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	Street Not Listed in Research Source	Polk's City Directory
1995	Street Not Listed in Research Source	Polk's City Directory
2000	Street Not Listed in Research Source	Polk's City Directory
2005	Street Not Listed in Research Source	Polk's City Directory



EDR® Environmental
Data Resources Inc

The EDR Radius Map with GeoCheck®

**FAITH WING USARC
215 REGIMENTAL AVE
FORT MCCLELLAN, AL 36205**

Inquiry Number: 01715536.100r

July 18, 2006

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

215 REGIMENTAL AVE
FORT MCCLELLAN, AL 36205

COORDINATES

Latitude (North): 33.730867 - 33° 43' 51.1"
Longitude (West): 85.794047 - 85° 47' 38.6"
Universal Transverse Mercator: Zone 16
UTM X (Meters): 611722.8
UTM Y (Meters): 3732775.0
Elevation: 786 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 33085-F7 ANNISTON, AL
Most Recent Revision: 1972

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

FEDERAL RECORDS

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
Delisted NPL..... National Priority List Deletions
NPL RECOVERY..... Federal Superfund Liens
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP..... CERCLIS No Further Remedial Action Planned
RCRA-TSDF..... Resource Conservation and Recovery Act Information
RCRA-LQG..... Resource Conservation and Recovery Act Information
ERNS..... Emergency Response Notification System

EXECUTIVE SUMMARY

HMIRS	Hazardous Materials Information Reporting System
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
FUDS	Formerly Used Defense Sites
US BROWNFIELDS	A Listing of Brownfields Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
ODI	Open Dump Inventory
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

SHWS	Hazardous Substance Cleanup Fund
SWF/LF	Permitted Landfills
SWRCY	Recycling/Recovered Materials Processors Directory
LUST	Leaking Underground Storage Tank Listing
AOCONCERN	Area of Concern
LAST	List of AST Release Incidents
AST	Aboveground Storage Tank Sites
SPILLS	Emergency Response Data
INST CONTROL	Land Division Brownfields 128(a) Program Site Listing
VCP	Cleanup Program Inventory
BROWNFIELDS	Land Division Brownfields 128(a) Program Site Listing
CDL	Clandestine Methamphetamine Lab Sites
TIER 2	Tier 2 Data Listing

TRIBAL RECORDS

INDIAN RESERV..... Indian Reservations

EDR PROPRIETARY RECORDS

Manufactured Gas Plants... EDR Proprietary Manufactured Gas Plants
EDR Historical Auto Stations... EDR Proprietary Historic Gas Stations
EDR Historical Cleaners..... EDR Proprietary Historic Dry Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

FEDERAL RECORDS

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 03/15/2006 has revealed that there are 2 CORRACTS sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
US ARMY-FT MCCLELLAN PELHAM RA	HIGHWAY 431 SOUTH	1/2 - 1 SSE B3		8
USA FT MCCLELLAN ARMY GARRISON	US HWY 21 N OF ANNISTON	1/2 - 1 SSE B4		9

RCRAInfo: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/09/2006 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SMITH CLEANERS	6716 MCCLELLAN BLVD	1/8 - 1/4NW	A1	6

DOD: Consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

A review of the DOD list, as provided by EDR, and dated 12/31/2004 has revealed that there is 1 DOD site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
FORT MCCLELLAN MILITARY RESERV		0 - 1/8	0	6

STATE AND LOCAL RECORDS

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Management's UST Data with Owner/Site/Tank Information database.

A review of the UST list, as provided by EDR, and dated 04/17/2006 has revealed that there is 1 UST

EXECUTIVE SUMMARY

site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
AMOCO SERVICE STATION	49 CAVE RD	1/8 - 1/4NW	A2	6

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
US ARMY, FT. MCCLELLAN	LUST
BLDG #265, PARCEL 4	LUST
BLDG # 3176	UST
ARMY & A.F. EXCHANGE (AFES)BLDG 2109	UST
BLDG # 1876	UST
BLDG #265	UST
BLDG #503	UST
BLDG # 1076	UST
BLDG # 2278	UST
BLDG # 3138	UST
BLDG # 3196	UST
FT MCCLELLAN BUILDING 3298	UST
FT MCCLELLAN BUILDING 3148	UST
ALA ARMY NAT'L GUARD TRAINING SITE	UST
CONCORD CUSTOM CLEANERS	RCRA-SQG

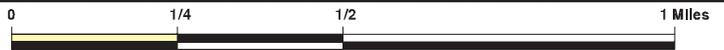
OVERVIEW MAP - 01715536.100r



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites

- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone

- Areas of Concern

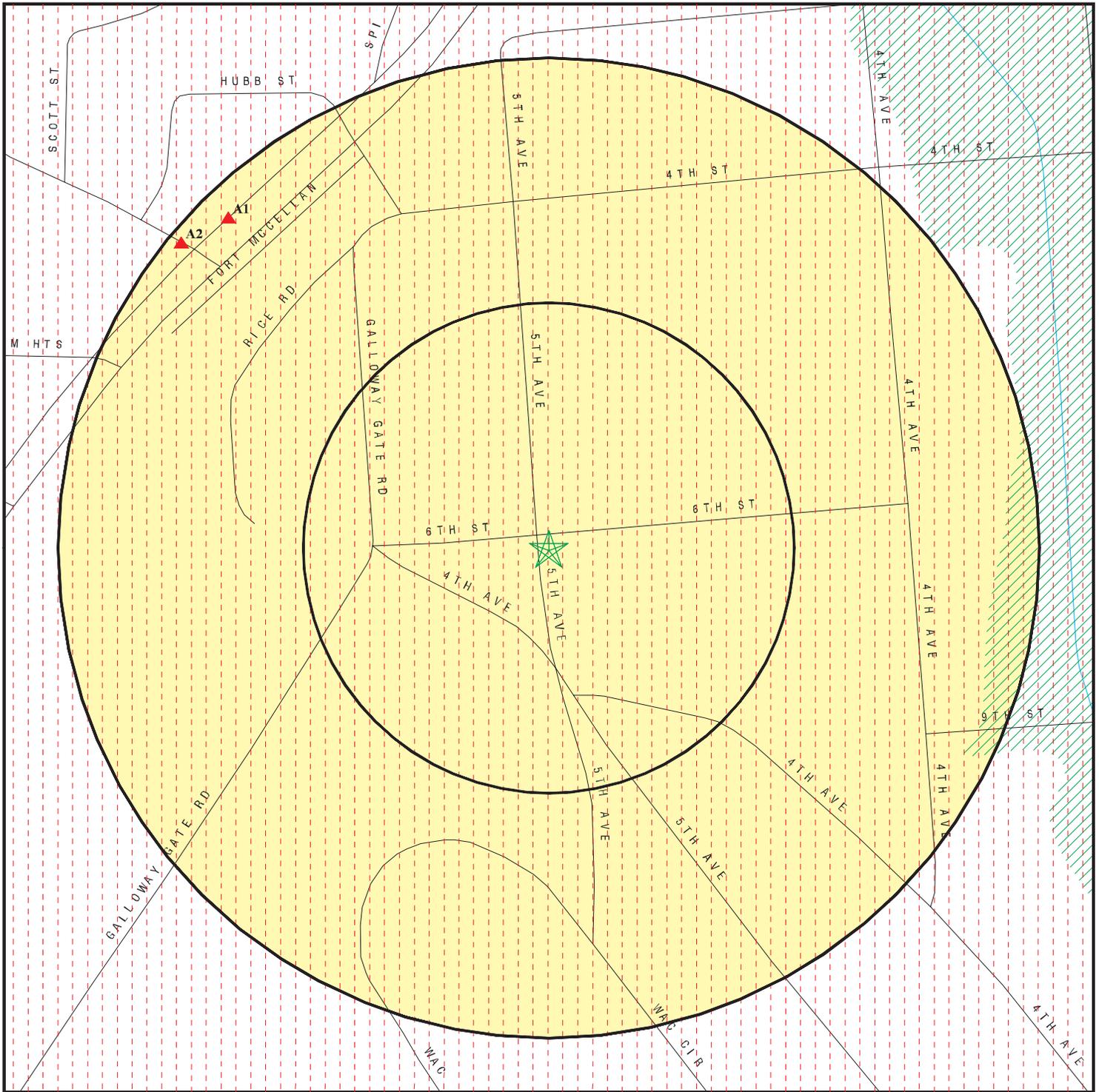


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: FAITH WING USARC
 ADDRESS: 215 REGIMENTAL AVE
 FORT MCCLELLAN AL 36205
 LAT/LONG: 33.7309 / 85.7940

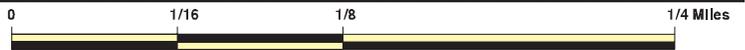
CLIENT: FMSM Engineers
 CONTACT: Robert Newman
 INQUIRY #: 01715536.100r
 DATE: July 18, 2006

DETAIL MAP - 01715536.100r



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites

- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Areas of Concern



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: FAITH WING USARC
 ADDRESS: 215 REGIMENTAL AVE
 FORT MCCLELLAN AL 36205
 LAT/LONG: 33.7309 / 85.7940

CLIENT: FMSM Engineers
 CONTACT: Robert Newman
 INQUIRY #: 01715536.100r
 DATE: July 18, 2006

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL RECORDS</u>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL RECOVERY	TP		NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	0	0	0	NR	NR	0
CORRACTS		1.000	0	0	0	2	NR	2
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRA Sm. Quan. Gen.		0.250	0	1	NR	NR	NR	1
ERNS	TP		NR	NR	NR	NR	NR	0
HMIRS	TP		NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
DOD		1.000	1	0	0	0	NR	1
FUDS		1.000	0	0	0	0	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
<u>STATE AND LOCAL RECORDS</u>								
State Haz. Waste		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
SWRCY		0.500	0	0	0	NR	NR	0
LUST		0.500	0	0	0	NR	NR	0
AOCONCERN		1.000	0	0	0	0	NR	0
UST		0.250	0	1	NR	NR	NR	1
LAST		0.500	0	0	0	NR	NR	0
AST		0.250	0	0	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
INST CONTROL		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
BROWNFIELDS		0.500	0	0	0	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
TIER 2	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
<u>TRIBAL RECORDS</u>								
INDIAN RESERV		1.000	0	0	0	0	NR	0
<u>EDR PROPRIETARY RECORDS</u>								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0
EDR Historical Auto Stations		TP	NR	NR	NR	NR	NR	0
EDR Historical Cleaners		TP	NR	NR	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

AMOCO SERVICE STATION (Continued)

U000007183

Tank Construction Material: Steel
 Tank Corrosion Protection: None or Painted (ex. asphalt)
 External Pipe Protection Installed Date: 01/01/01
 Piping Material of Construction: Bare Steel
 Other Pipe: Not reported
 Total Regulated Tanks Owned: 0
 Total Sites: 0
 Total Permanently Out Tanks: 3
 Regulated Tanks This Fiscal Year: 0
 Tanks On Indian Land: Not reported
 Number of AST's: 0
 Total Temp Closed Tanks: 0
 Number Of Retired Tanks: 0

**B3
 SSE
 1/2-1
 4174 ft.**

**US ARMY-FT MCCLELLAN PELHAM RANGE
 HIGHWAY 431 SOUTH
 FORT MCCLELLAN, AL 36205**

**CERCLIS 1000239274
 RCRA-SQG AL8213700000
 FINDS
 RCRA-TSDF
 CORRACTS**

Site 1 of 2 in cluster B

**Relative:
 Lower**

CERCLIS Classification Data:

**Actual:
 742 ft.**

Federal Facility: Federal Facility
 Non NPL Status: Other Cleanup Activity: Federal Facility-Lead Cleanup
 NPL Status: Not on the NPL
 Contact: Doyle Brittain Contact Tel: (404) 562-8549
 Contact Title: Not reported
 Contact: RANDALL CHAFFINS Contact Tel: (404) 562-8910
 Contact Title: Not reported
 Contact: BARBARA DICK Contact Tel: (404) 562-8923
 Contact Title: Not reported
 Contact: Ralph Howard Contact Tel: (404) 562-8829
 Contact Title: Not reported
 Contact: William Joyner Contact Tel: (404) 562-8795
 Contact Title: Not reported
 Contact: Mike Norman Contact Tel: (404) 562-8792
 Contact Title: Not reported
 Site Description: Per Federal Facilities Branch, this is a BRAC site. (Mike Norman 11/18/2005)

CERCLIS Assessment History:

Assessment: DISCOVERY Completed: 09/17/2002

CERCLIS Site Status:

Not reported

CERCLIS Alias Name(s):

US ARMY FT MCCLELLAN PELHAM RANGE
 FORT MCCLELLAN CHEMICAL AND MP CENTERS

CORRACTS Data:

EPA Id: AL8213700000
 Region: 04
 Area Name: ENTIRE FACILITY
 Actual Date: 03/31/1992
 Corrective Action: CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority
 2002 NAICS Title: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

US ARMY-FT MCCLELLAN PELHAM RANGE (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000239274

RCRAInfo Corrective Action Summary:

Event: CA Prioritization, Facility or area was assigned a medium corrective action priority.
 Event Date: 03/31/1992
 Event: RFA Completed
 Event Date: 12/14/1988

RCRAInfo:

Owner: DEPT OF ARMY
 (205) 848-3758
 EPA ID: AL8213700000
 Contact: HAYES BEVERLY
 (205) 848-3758

Classification: TSDF
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**B4
 SSE
 1/2-1
 4174 ft.**

**USA FT MCCLELLAN ARMY GARRISON
 US HWY 21 N OF ANNISTON
 ANNISTON, AL 36205**

Site 2 of 2 in cluster B

**CERCLIS 1000114675
 RCRA-SQG AL4210020562
 FINDS
 RCRA-TSDF
 RAATS
 CORRACTS
 NY MANIFEST**

**Relative:
 Lower**

**Actual:
 742 ft.**

CERCLIS Classification Data:

Federal Facility:	Federal Facility		
Non NPL Status:	Other Cleanup Activity: Federal Facility-Lead Cleanup		
NPL Status:	Not on the NPL		
Contact:	Doyle Brittain	Contact Tel:	(404) 562-8549
Contact Title:	Not reported		
Contact:	RANDALL CHAFFINS	Contact Tel:	(404) 562-8910
Contact Title:	Not reported		
Contact:	BARBARA DICK	Contact Tel:	(404) 562-8923
Contact Title:	Not reported		
Contact:	Ralph Howard	Contact Tel:	(404) 562-8829
Contact Title:	Not reported		
Contact:	William Joyner	Contact Tel:	(404) 562-8795
Contact Title:	Not reported		
Contact:	Carol Monell	Contact Tel:	(404) 562-8719
Contact Title:	Not reported		
Contact:	Mike Norman	Contact Tel:	(404) 562-8792
Contact Title:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

USA FT MCCLELLAN ARMY GARRISON (Continued)

EDR ID Number
EPA ID Number

1000114675

Database(s)

Contact: BART REEDY Contact Tel: (404) 562-8541
Contact Title: Not reported
Site Description: BRAC site.
CERCLIS Assessment History:
Assessment: DISCOVERY Completed: 02/12/1988
Assessment: PRELIMINARY ASSESSMENT Completed: 08/11/1988
CERCLIS Site Status:
NFRAP (No Further Remedial Action Planned)
CERCLIS Alias Name(s):
USA FT MCCLELLAN MP CHEM TRNG CTR
FORT MCCLELLAN/T-38,T-31,24A,T-6, ETC.
US ARMY/FT MCCLELLAN SITES I,J,K,L
USA FT MCCLELLAN MP CHEM TRNG CTR

CORRACTS Data:

EPA Id: AL4210020562
Region: 04
Area Name: ENTIRE FACILITY
Actual Date: 12/14/1988
Corrective Action: CA050 - RFA Completed
2002 NAICS Title: National Security

RCRAInfo Corrective Action Summary:

Event: RFA Completed
Event Date: 12/14/1988

RCRAInfo:

Owner: USA FT MCCLELLAN CHEM & MP
(205) 848-3758
EPA ID: AL4210020562
Contact: BEVERLEY HAYES
(205) 848-3758

Classification: TSDf, Conditionally Exempt Small Quantity Generator
TSDf Activities: Not reported

Violation Status: Violations exist

Regulation Violated: 335-14-8-.01(1)(c)
Area of Violation: TSD-OTHER REQUIREMENTS
Date Violation Determined: 07/21/2004
Actual Date Achieved Compliance: 07/30/2004

Enforcement Action: FINAL IMMEDIATE HAZARD ORDER
Enforcement Action Date: 07/30/2004
Penalty Type: Not reported

Regulation Violated: 335-14-5-.03(2)
Area of Violation: TSD-PREPAREDNESS/PREVENTION REQUIREMENTS
Date Violation Determined: 07/21/2004
Actual Date Achieved Compliance: 07/30/2004

Enforcement Action: FINAL IMMEDIATE HAZARD ORDER
Enforcement Action Date: 07/30/2004
Penalty Type: Not reported

Regulation Violated: 335-14-9-.04(1)
Area of Violation: GENERATOR-LAND BAN REQUIREMENTS
Date Violation Determined: 07/21/2004
Actual Date Achieved Compliance: 07/30/2004

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

USA FT MCCLELLAN ARMY GARRISON (Continued)

1000114675

Enforcement Action:	FINAL IMMINENT HAZARD ORDER
Enforcement Action Date:	07/30/2004
Penalty Type:	Not reported
Regulation Violated:	335-14-3-.01(2)
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	07/26/2001
Actual Date Achieved Compliance:	08/27/2001
Regulation Violated:	14-3-.01(2)
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	10/23/2000
Actual Date Achieved Compliance:	01/30/2001
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	10/23/2000
Penalty Type:	Not reported
Regulation Violated:	14-3-.01(2)
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	01/07/1999
Actual Date Achieved Compliance:	03/10/1999
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	01/14/1999
Penalty Type:	Not reported
Regulation Violated:	14-11-.02(8)(a)
Area of Violation:	GENERATOR-OTHER REQUIREMENTS
Date Violation Determined:	01/07/1999
Actual Date Achieved Compliance:	03/10/1999
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	01/14/1999
Penalty Type:	Not reported
Regulation Violated:	14-11-.02(6)(c)
Area of Violation:	GENERATOR-OTHER REQUIREMENTS
Date Violation Determined:	01/07/1999
Actual Date Achieved Compliance:	03/10/1999
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	01/14/1999
Penalty Type:	Not reported
Regulation Violated:	14-11-.02(5)(e)
Area of Violation:	GENERATOR-OTHER REQUIREMENTS
Date Violation Determined:	01/07/1999
Actual Date Achieved Compliance:	03/10/1999
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	01/14/1999
Penalty Type:	Not reported
Regulation Violated:	14-3-.03(5)(a)4.
Area of Violation:	GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined:	01/07/1999
Actual Date Achieved Compliance:	03/10/1999
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	01/14/1999
Penalty Type:	Not reported
Regulation Violated:	14-17-.03(3)(c)1.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

USA FT MCCLELLAN ARMY GARRISON (Continued)

1000114675

Area of Violation: GENERATOR-OTHER REQUIREMENTS
Date Violation Determined: 11/04/1997
Actual Date Achieved Compliance: 12/09/1997
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 11/05/1997
Penalty Type: Not reported
Regulation Violated: 14-17-.03(3)(a)1.
Area of Violation: GENERATOR-OTHER REQUIREMENTS
Date Violation Determined: 11/04/1997
Actual Date Achieved Compliance: 12/09/1997
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 11/05/1997
Penalty Type: Not reported
Regulation Violated: 14-11-.03
Area of Violation: GENERATOR-OTHER REQUIREMENTS
Date Violation Determined: 11/04/1997
Actual Date Achieved Compliance: 12/09/1997
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 11/05/1997
Penalty Type: Not reported
Regulation Violated: 14-3-.03(5)(c)1.(i)
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined: 11/04/1997
Actual Date Achieved Compliance: 12/09/1997
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 11/05/1997
Penalty Type: Not reported
Regulation Violated: 14-3-.03(5)(a)1.(i)
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined: 11/04/1997
Actual Date Achieved Compliance: 12/09/1997
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 11/05/1997
Penalty Type: Not reported
Regulation Violated: 14-3-.01(2)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 07/12/1995
Actual Date Achieved Compliance: 09/29/1995
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/07/1995
Penalty Type: Not reported
Regulation Violated: 14-8-.01(1)(c)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 07/12/1995
Actual Date Achieved Compliance: 09/29/1995
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/07/1995
Penalty Type: Not reported
Regulation Violated: Not reported
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

USA FT MCCLELLAN ARMY GARRISON (Continued)

1000114675

Date Violation Determined:	11/04/1992
Actual Date Achieved Compliance:	12/28/1992
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	11/18/1992
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined:	11/04/1992
Actual Date Achieved Compliance:	12/28/1992
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	11/18/1992
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined:	11/04/1992
Actual Date Achieved Compliance:	12/28/1992
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	11/18/1992
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	01/21/1992
Actual Date Achieved Compliance:	04/10/1992
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	02/12/1992
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	01/21/1992
Actual Date Achieved Compliance:	04/10/1992
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	02/12/1992
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined:	01/21/1992
Actual Date Achieved Compliance:	04/10/1992
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	02/12/1992
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined:	01/21/1992
Actual Date Achieved Compliance:	04/10/1992
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	02/12/1992
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined:	01/21/1992

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

USA FT MCCLELLAN ARMY GARRISON (Continued)

1000114675

Actual Date Achieved Compliance:	04/10/1992
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	02/12/1992
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined:	01/21/1992
Actual Date Achieved Compliance:	04/10/1992
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	02/12/1992
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-GENERAL STANDARDS
Date Violation Determined:	01/21/1992
Actual Date Achieved Compliance:	04/10/1992
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	02/12/1992
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-CONTINGENCY PLAN REQUIREMENTS
Date Violation Determined:	01/21/1992
Actual Date Achieved Compliance:	04/10/1992
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	02/12/1992
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-CONTAINERS REQUIREMENTS
Date Violation Determined:	01/21/1992
Actual Date Achieved Compliance:	04/10/1992
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	02/12/1992
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
Date Violation Determined:	01/21/1992
Actual Date Achieved Compliance:	04/10/1992
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	02/12/1992
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-GENERAL STANDARDS
Date Violation Determined:	01/21/1992
Actual Date Achieved Compliance:	04/10/1992
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	02/12/1992
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-GENERAL STANDARDS
Date Violation Determined:	01/21/1992
Actual Date Achieved Compliance:	04/10/1992

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

USA FT MCCLELLAN ARMY GARRISON (Continued)

1000114675

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 02/12/1992
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-CONTINGENCY PLAN REQUIREMENTS
Date Violation Determined: 03/13/1991
Actual Date Achieved Compliance: 07/11/1991

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 05/15/1991
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-GENERAL STANDARDS
Date Violation Determined: 03/13/1991
Actual Date Achieved Compliance: 07/11/1991

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 05/15/1991
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-LAND BAN REQUIREMENTS
Date Violation Determined: 03/13/1991
Actual Date Achieved Compliance: 07/11/1991

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 05/15/1991
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 03/13/1991
Actual Date Achieved Compliance: 07/11/1991

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 05/15/1991
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 03/13/1991
Actual Date Achieved Compliance: 07/11/1991

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 05/15/1991
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
Date Violation Determined: 10/16/1990
Actual Date Achieved Compliance: 07/11/1991

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 12/10/1990
Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 05/15/1991
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-LAND BAN REQUIREMENTS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

USA FT MCCLELLAN ARMY GARRISON (Continued)

1000114675

Date Violation Determined:	06/05/1990
Actual Date Achieved Compliance:	01/28/1991
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	10/17/1990
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	06/05/1990
Actual Date Achieved Compliance:	01/28/1991
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/25/1987
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	06/05/1990
Actual Date Achieved Compliance:	01/28/1991
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/25/1987
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-LAND BAN REQUIREMENTS
Date Violation Determined:	06/05/1990
Actual Date Achieved Compliance:	01/28/1991
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/25/1987
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-LAND BAN REQUIREMENTS
Date Violation Determined:	06/05/1990
Actual Date Achieved Compliance:	01/28/1991
Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	06/21/1989
Actual Date Achieved Compliance:	10/18/1989
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/05/1986
Penalty Type:	Not reported
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/18/1989
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	06/21/1989
Actual Date Achieved Compliance:	10/18/1989
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/18/1989
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-LAND BAN REQUIREMENTS
Date Violation Determined:	06/21/1989

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

USA FT MCCLELLAN ARMY GARRISON (Continued)

1000114675

Actual Date Achieved Compliance: 10/18/1989
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/18/1989
Penalty Type: Not reported
Regulation Violated: Not reported
Area of Violation: GENERATOR-LAND BAN REQUIREMENTS
Date Violation Determined: 06/21/1989
Actual Date Achieved Compliance: 10/18/1989
Regulation Violated: Not reported
Area of Violation: TSD-LAND BAN REQUIREMENTS
Date Violation Determined: 06/21/1989
Actual Date Achieved Compliance: 10/18/1989
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/03/1987
Penalty Type: Not reported
Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 06/21/1989
Actual Date Achieved Compliance: 10/18/1989
Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 06/21/1989
Actual Date Achieved Compliance: 10/18/1989
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/18/1989
Penalty Type: Not reported
Regulation Violated: Not reported
Area of Violation: TSD-LAND BAN REQUIREMENTS
Date Violation Determined: 06/21/1989
Actual Date Achieved Compliance: 10/18/1989
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/18/1989
Penalty Type: Not reported
Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 09/07/1988
Actual Date Achieved Compliance: 12/23/1988
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 11/23/1988
Penalty Type: Not reported
Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 09/07/1988
Actual Date Achieved Compliance: 12/23/1988
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 11/23/1988
Penalty Type: Not reported
Regulation Violated: Not reported
Area of Violation: TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
Date Violation Determined: 10/13/1987

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

USA FT MCCLELLAN ARMY GARRISON (Continued)

1000114675

Actual Date Achieved Compliance:	12/23/1988
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	10/13/1987
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
Date Violation Determined:	10/13/1987
Actual Date Achieved Compliance:	12/23/1988
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	10/13/1987
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
Date Violation Determined:	06/11/1987
Actual Date Achieved Compliance:	12/23/1988
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/03/1987
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	FORMAL ENFORCEMENT AGREEMENT
Date Violation Determined:	06/11/1987
Actual Date Achieved Compliance:	12/23/1988
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/02/1987
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
Date Violation Determined:	06/11/1987
Actual Date Achieved Compliance:	12/23/1988
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/03/1987
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	06/11/1987
Actual Date Achieved Compliance:	12/23/1988
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/03/1987
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	FORMAL ENFORCEMENT AGREEMENT
Date Violation Determined:	06/11/1987
Actual Date Achieved Compliance:	12/23/1988
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/02/1987
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
Date Violation Determined:	06/11/1987
Actual Date Achieved Compliance:	12/23/1988

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

USA FT MCCLELLAN ARMY GARRISON (Continued)

1000114675

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/03/1987
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
Date Violation Determined: 06/11/1987
Actual Date Achieved Compliance: 12/23/1988

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/02/1987
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 06/11/1987
Actual Date Achieved Compliance: 12/23/1988

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/03/1987
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: FORMAL ENFORCEMENT AGREEMENT
Date Violation Determined: 06/11/1987
Actual Date Achieved Compliance: 12/23/1988

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/03/1987
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
Date Violation Determined: 06/11/1987
Actual Date Achieved Compliance: 12/23/1988

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/03/1987
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 06/11/1987
Actual Date Achieved Compliance: 12/23/1988

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/02/1987
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: FORMAL ENFORCEMENT AGREEMENT
Date Violation Determined: 06/11/1987
Actual Date Achieved Compliance: 12/23/1988

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/02/1987
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
Date Violation Determined: 06/11/1987
Actual Date Achieved Compliance: 12/23/1988

Enforcement Action: WRITTEN INFORMAL

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

USA FT MCCLELLAN ARMY GARRISON (Continued)

1000114675

Enforcement Action Date: 07/02/1987
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 06/11/1987
Actual Date Achieved Compliance: 12/23/1988

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/03/1987
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: FORMAL ENFORCEMENT AGREEMENT
Date Violation Determined: 06/11/1987
Actual Date Achieved Compliance: 12/23/1988

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/03/1987
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 06/11/1987
Actual Date Achieved Compliance: 12/23/1988

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/02/1987
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: FORMAL ENFORCEMENT AGREEMENT
Date Violation Determined: 06/11/1987
Actual Date Achieved Compliance: 12/23/1988

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/02/1987
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 06/11/1987
Actual Date Achieved Compliance: 12/23/1988

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/02/1987
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
Date Violation Determined: 06/11/1987
Actual Date Achieved Compliance: 12/23/1988

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/02/1987
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: FORMAL ENFORCEMENT AGREEMENT
Date Violation Determined: 06/11/1987
Actual Date Achieved Compliance: 12/23/1988

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/03/1987

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

USA FT MCCLELLAN ARMY GARRISON (Continued)

1000114675

Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	06/11/1987
Actual Date Achieved Compliance:	12/23/1988
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/02/1987
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
Date Violation Determined:	06/11/1987
Actual Date Achieved Compliance:	12/23/1988
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/02/1987
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	06/11/1987
Actual Date Achieved Compliance:	12/23/1988
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/03/1987
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	FORMAL ENFORCEMENT AGREEMENT
Date Violation Determined:	06/11/1987
Actual Date Achieved Compliance:	12/23/1988
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/03/1987
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	FORMAL ENFORCEMENT AGREEMENT
Date Violation Determined:	03/10/1987
Actual Date Achieved Compliance:	12/23/1988
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/25/1987
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	03/10/1987
Actual Date Achieved Compliance:	12/23/1988
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/25/1987
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	03/10/1987
Actual Date Achieved Compliance:	12/23/1988
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/25/1987
Penalty Type:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

USA FT MCCLELLAN ARMY GARRISON (Continued)

1000114675

Regulation Violated:	Not reported
Area of Violation:	FORMAL ENFORCEMENT AGREEMENT
Date Violation Determined:	03/10/1987
Actual Date Achieved Compliance:	12/23/1988
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/25/1987
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	03/10/1987
Actual Date Achieved Compliance:	12/23/1988
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/25/1987
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	03/10/1987
Actual Date Achieved Compliance:	12/23/1988
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/25/1987
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	FORMAL ENFORCEMENT AGREEMENT
Date Violation Determined:	03/10/1987
Actual Date Achieved Compliance:	12/23/1988
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/25/1987
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	03/10/1987
Actual Date Achieved Compliance:	12/23/1988
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/25/1987
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	03/10/1987
Actual Date Achieved Compliance:	12/23/1988
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/25/1987
Penalty Type:	Not reported
Regulation Violated:	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
USA FT MCCLELLAN ARMY GARRISON (Continued)		1000114675
Non-Financial Record Review	GENERATOR-OTHER REQUIREMENTS	19971209
	GENERATOR-OTHER REQUIREMENTS	19971209
	GENERATOR-OTHER REQUIREMENTS	19971209
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19971209
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19971209
Compliance Evaluation Inspection	GENERATOR-OTHER REQUIREMENTS	19971209
	GENERATOR-OTHER REQUIREMENTS	19971209
	GENERATOR-OTHER REQUIREMENTS	19971209
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19971209
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19971209
Non-Financial Record Review	GENERATOR-GENERAL REQUIREMENTS	19950929
	GENERATOR-GENERAL REQUIREMENTS	19950929
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19950929
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19950929
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19921228
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19921228
Compliance Evaluation Inspection	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19921228
	GENERATOR-GENERAL REQUIREMENTS	19920410
	GENERATOR-GENERAL REQUIREMENTS	19920410
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19920410
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19920410
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19920410
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19920410
	TSD-GENERAL STANDARDS	19920410
	TSD-GENERAL STANDARDS	19920410
	TSD-GENERAL STANDARDS	19920410
	TSD-CONTINGENCY PLAN REQUIREMENTS	19920410
	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	19920410
	TSD-CONTAINERS REQUIREMENTS	19920410
	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	19910711
	TSD-CONTINGENCY PLAN REQUIREMENTS	19910711
TSD-GENERAL STANDARDS	19910711	
TSD-LAND BAN REQUIREMENTS	19910711	
Other Evaluation	GENERATOR-GENERAL REQUIREMENTS	19910711
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19910711
	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	19910711
Compliance Evaluation Inspection	TSD-LAND BAN REQUIREMENTS	19910128
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19910128
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19910128
	GENERATOR-LAND BAN REQUIREMENTS	19910128
	TSD-LAND BAN REQUIREMENTS	19910128
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19910128
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19910128
Compliance Evaluation Inspection	GENERATOR-LAND BAN REQUIREMENTS	19891018
	TSD-LAND BAN REQUIREMENTS	19891018
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19891018
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19891018
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19891018
Compliance Evaluation Inspection	GENERATOR-LAND BAN REQUIREMENTS	19891018
	TSD-LAND BAN REQUIREMENTS	19891018
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19881223
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19881223
Non-Financial Record Review	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	19881223
	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	19881223
Compliance Schedule Evaluation	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	19881223
	FORMAL ENFORCEMENT AGREEMENT	19881223
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19881223
	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	19881223

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

USA FT MCCLELLAN ARMY GARRISON (Continued)

1000114675

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

NY MANIFEST:

Document ID: NYB2359116
Manifest Status: K
Trans1 State ID: Not reported
Trans2 State ID: Not reported
Generator Ship Date: 901213
Trans1 Recv Date: 901213
Trans2 Recv Date: 901220
TSD Site Recv Date: 901231
Part A Recv Date: 910109
Part B Recv Date: 910108
Generator EPA ID: AL4210020562
Trans1 EPA ID: TND987766292
Trans2 EPA ID: GAD984279794
TSD ID: NYD000632372
Waste Code: D003 - NON-LISTED REACTIVE WASTES
Quantity: 00600
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 90
Facility Type: Generator
EPA ID: AL4210020562
Facility Name: UNITED STATES MILITARY
Facility Address: FORT MCCLELLAN
Facility City: FORT MCCLELLAN
Facility Zip 4: Not reported
Country: Not reported
County: Not reported
Mailing Name: UNITED STATES MILITARY
Mailing Contact: WILLIAM PITTMAN/T.PAIGE
Mailing Address: FORT MCCLELLAN
Mailing City: FORT MCCLELLAN
Mailing State: AL
Mailing Zip: 36705
Mailing Zip4: Not reported
Mailing Country: Not reported
Mailing Phone: 205-238-3019

[Click this hyperlink](#) while viewing on your computer to access
1 additional NY MANIFEST: record(s) in the EDR Site Report.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
ANNISTON	1007090606	CONCORD CUSTOM CLEANERS	5730 PELHAM ROAD	36206	RCRA-SQG
FORT MCCLELLAN	S106599054	US ARMY, FT. MCCLELLAN	FORT MCCLELLAN		LUST
FT MCCLELLAN	U001860832	BLDG # 3176	HWY 21 NORTH	36206	UST
FT MCCLELLAN	U001860833	ARMY & A.F. EXCHANGE (AFES)BLDG 2109	HWY 21 NORTH	36206	UST
FT MCCLELLAN	U001860834	BLDG # 1876	HWY 21 NORTH	36206	UST
FT MCCLELLAN	U001860835	BLDG #265	HWY 21 NORTH	36206	UST
FT MCCLELLAN	U001860836	BLDG #503	HWY 21 N	36206	UST
FT MCCLELLAN	U001860838	BLDG # 1076	HWY 21 NORTH	36206	UST
FT MCCLELLAN	U001860839	BLDG # 2278	HWY 21 NORTH	36206	UST
FT MCCLELLAN	U001860840	BLDG # 3138	HWY 21 NORTH	36206	UST
FT MCCLELLAN	U001860841	BLDG # 3196	HWY 21 NORTH	36206	UST
FT MCCLELLAN	S107671884	BLDG #265, PARCEL 4	HWY 21 NORTH	36205	LUST
FT MCCLELLAN	U003933720	FT MCCLELLAN BUILDING 3298	HWY 21 N	36205	UST
FT MCCLELLAN	U003984714	FT MCCLELLAN BUILDING 3148	HWY 21 NORTH	36205	UST
FT MCCLELLAN	U003203787	ALA ARMY NAT'L GUARD TRAINING SITE	4TH ST BLDG 1220 PO BOX 5052	36205	UST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

FEDERAL RECORDS

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/19/2006	Source: EPA
Date Data Arrived at EDR: 05/05/2006	Telephone: N/A
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 05/05/2006
Number of Days to Update: 17	Next Scheduled EDR Contact: 07/31/2006
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 8
Telephone: 303-312-6774

EPA Region 4
Telephone 404-562-8033

Proposed NPL: Proposed National Priority List Sites

Date of Government Version: 04/19/2006	Source: EPA
Date Data Arrived at EDR: 05/05/2006	Telephone: N/A
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 05/05/2006
Number of Days to Update: 17	Next Scheduled EDR Contact: 07/31/2006
	Data Release Frequency: Quarterly

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/19/2006	Source: EPA
Date Data Arrived at EDR: 05/05/2006	Telephone: N/A
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 05/05/2006
Number of Days to Update: 17	Next Scheduled EDR Contact: 07/31/2006
	Data Release Frequency: Quarterly

NPL RECOVERY: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 05/23/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 08/21/2006
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/01/2006	Source: EPA
Date Data Arrived at EDR: 03/21/2006	Telephone: 703-413-0223
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 06/22/2006
Number of Days to Update: 23	Next Scheduled EDR Contact: 09/18/2006
	Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 02/01/2006	Source: EPA
Date Data Arrived at EDR: 03/21/2006	Telephone: 703-413-0223
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 06/23/2006
Number of Days to Update: 23	Next Scheduled EDR Contact: 09/18/2006
	Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/15/2006	Source: EPA
Date Data Arrived at EDR: 03/17/2006	Telephone: 800-424-9346
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 05/21/2006
Number of Days to Update: 27	Next Scheduled EDR Contact: 09/04/2006
	Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/09/2006	Source: EPA
Date Data Arrived at EDR: 04/27/2006	Telephone: 800-424-9346
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 06/28/2006
Number of Days to Update: 33	Next Scheduled EDR Contact: 08/21/2006
	Data Release Frequency: Quarterly

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2005	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/12/2006	Telephone: 202-260-2342
Date Made Active in Reports: 02/21/2006	Last EDR Contact: 04/26/2006
Number of Days to Update: 40	Next Scheduled EDR Contact: 07/24/2006
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2005	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-366-4555
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 04/14/2006
Number of Days to Update: 46	Next Scheduled EDR Contact: 07/17/2006
	Data Release Frequency: Annually

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 03/21/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2006	Telephone: 703-603-8905
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 07/03/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 03/21/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2006	Telephone: 703-603-8905
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 07/03/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2004	Source: USGS
Date Data Arrived at EDR: 02/08/2005	Telephone: 703-692-8801
Date Made Active in Reports: 08/04/2005	Last EDR Contact: 05/12/2006
Number of Days to Update: 177	Next Scheduled EDR Contact: 08/07/2006
	Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/05/2005	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 01/19/2006	Telephone: 202-528-4285
Date Made Active in Reports: 02/21/2006	Last EDR Contact: 07/17/2006
Number of Days to Update: 33	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Varies

US BROWNFIELDS: A Listing of Brownfields Sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 04/26/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/27/2006	Telephone: 202-566-2777
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 06/12/2006
Number of Days to Update: 33	Next Scheduled EDR Contact: 09/11/2006
	Data Release Frequency: Semi-Annually

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/14/2004	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 02/15/2005	Telephone: Varies
Date Made Active in Reports: 04/25/2005	Last EDR Contact: 03/13/2006
Number of Days to Update: 69	Next Scheduled EDR Contact: 07/24/2006
	Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/13/2006	Source: EPA
Date Data Arrived at EDR: 04/28/2006	Telephone: 703-416-0223
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 07/06/2006
Number of Days to Update: 32	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 11/04/2005	Source: Department of Energy
Date Data Arrived at EDR: 11/28/2005	Telephone: 505-845-0011
Date Made Active in Reports: 01/30/2006	Last EDR Contact: 06/21/2006
Number of Days to Update: 63	Next Scheduled EDR Contact: 09/18/2006
	Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2003	Source: EPA
Date Data Arrived at EDR: 07/13/2005	Telephone: 202-566-0250
Date Made Active in Reports: 08/17/2005	Last EDR Contact: 06/22/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/18/2006
	Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002	Source: EPA
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-260-5521
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 07/17/2006
Number of Days to Update: 46	Next Scheduled EDR Contact: 10/16/2006
	Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/29/2006	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/26/2006	Telephone: 202-566-1667
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 06/19/2006
Number of Days to Update: 34	Next Scheduled EDR Contact: 09/18/2006
	Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Date of Government Version: 03/31/2006	Source: EPA
Date Data Arrived at EDR: 04/26/2006	Telephone: 202-566-1667
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 06/19/2006
Number of Days to Update: 34	Next Scheduled EDR Contact: 09/18/2006
	Data Release Frequency: Quarterly

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 05/11/2006	Telephone: 202-564-4203
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 07/17/2006
Number of Days to Update: 11	Next Scheduled EDR Contact: 10/16/2006
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 02/13/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/21/2006	Telephone: 202-564-5088
Date Made Active in Reports: 05/11/2006	Last EDR Contact: 07/17/2006
Number of Days to Update: 20	Next Scheduled EDR Contact: 10/16/2006
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 12/27/2005	Source: EPA
Date Data Arrived at EDR: 02/08/2006	Telephone: 202-566-0500
Date Made Active in Reports: 02/27/2006	Last EDR Contact: 06/28/2006
Number of Days to Update: 19	Next Scheduled EDR Contact: 08/07/2006
	Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/12/2006	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 04/26/2006	Telephone: 301-415-7169
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 07/03/2006
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Quarterly

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/09/2006	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 03/29/2006	Telephone: 303-231-5959
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 06/28/2006
Number of Days to Update: 62	Next Scheduled EDR Contact: 09/25/2006
	Data Release Frequency: Semi-Annually

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/27/2006	Source: EPA
Date Data Arrived at EDR: 05/02/2006	Telephone: N/A
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 04/03/2006
Number of Days to Update: 28	Next Scheduled EDR Contact: 07/03/2006
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/05/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/04/2006
	Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 06/17/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 48

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/30/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Biennially

STATE AND LOCAL RECORDS

SHWS: Hazardous Substance Cleanup Fund

Hazardous substance sites, which pose a threat to public health and the environment, which will be cleaned up utilizing the Hazardous Substance Cleanup Fund.

Date of Government Version: 04/10/2006
Date Data Arrived at EDR: 04/10/2006
Date Made Active in Reports: 05/17/2006
Number of Days to Update: 37

Source: Department of Environmental Management
Telephone: 334-271-7984
Last EDR Contact: 07/10/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Semi-Annually

SWF/LF: Permitted Landfills

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 08/01/2005
Date Data Arrived at EDR: 11/22/2005
Date Made Active in Reports: 12/23/2005
Number of Days to Update: 31

Source: Department of Environmental Management
Telephone: 334-271-7988
Source: Department of Environmental Management, GIS Section
Telephone: 334-271-7700
Last EDR Contact: 05/12/2006
Next Scheduled EDR Contact: 08/07/2006
Data Release Frequency: Annually

SWRCY: Recycling/Recovered Materials Processors Directory

A listing of recycling facilities.

Date of Government Version: 09/01/2003
Date Data Arrived at EDR: 02/25/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 31

Source: Department of Economic & Community Affairs
Telephone: 334-242-5336
Last EDR Contact: 05/12/2006
Next Scheduled EDR Contact: 08/07/2006
Data Release Frequency: Varies

LUST: Leaking Underground Storage Tank Listing

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 03/27/2006
Date Data Arrived at EDR: 04/27/2006
Date Made Active in Reports: 05/17/2006
Number of Days to Update: 20

Source: Department of Environmental Management
Telephone: 334-270-5655
Last EDR Contact: 04/27/2006
Next Scheduled EDR Contact: 07/24/2006
Data Release Frequency: Quarterly

AOCONCERN: Area of Concern

Property boundary of the Redstone Arsenal facility.

Date of Government Version: N/A
Date Data Arrived at EDR: 08/13/2001
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: Department of the Army
Telephone: N/A
Last EDR Contact: 05/30/2006
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Underground Storage Tank Information

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 04/17/2006
Date Data Arrived at EDR: 04/26/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 334-270-5655
Last EDR Contact: 07/05/2006
Next Scheduled EDR Contact: 10/23/2006
Data Release Frequency: Quarterly

LAST: List of AST Release Incidents

A listing of aboveground storage tank releases that have been reported to ADEM. These are primarily smaller retail ASTs and smaller bulk plant ASTs.

Date of Government Version: 05/01/2006
Date Data Arrived at EDR: 05/01/2006
Date Made Active in Reports: 05/17/2006
Number of Days to Update: 16

Source: Department of Environmental Management
Telephone: 334-271-7712
Last EDR Contact: 04/25/2006
Next Scheduled EDR Contact: 07/24/2006
Data Release Frequency: Varies

AST: Aboveground Storage Tank Sites

Aboveground storage tank locations.

Date of Government Version: 04/17/2006
Date Data Arrived at EDR: 04/26/2006
Date Made Active in Reports: 05/24/2006
Number of Days to Update: 28

Source: Department of Environmental Management
Telephone: 334-271-7926
Last EDR Contact: 07/05/2006
Next Scheduled EDR Contact: 10/23/2006
Data Release Frequency: Quarterly

SPILLS: Emergency Response Data

Date of Government Version: 05/16/2006
Date Data Arrived at EDR: 05/22/2006
Date Made Active in Reports: 06/29/2006
Number of Days to Update: 38

Source: Department of Environmental Management
Telephone: 334-394-4382
Last EDR Contact: 05/08/2006
Next Scheduled EDR Contact: 07/24/2006
Data Release Frequency: Varies

INST CONTROL: Land Division Brownfields 128(a) Program Site Listing

Institutional Controls (ICs) are non-engineered instruments, such as administrative and/or legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of a remedy by limiting land or resource use. There are five different types of controls. These are governmental, proprietary, enforcement tools with IC components, informational devices and unrestricted. Unrestricted- No institutional controls (unrestricted for industrial and residential use). Governmental- controls implemented and enforced by state and local governments. (zoning restrictions, ordinances, building permits, etc.). Proprietary- controls which have their basis in real property law (easements, covenants). Enforcement and Permit Tools with IC components- these controls are issued to compel land owners to limit certain site activities on both federal and private sites. Informational devices- informational tools with provide information or notification that residual or capped contamination may remain on site (deed or hazard notices).

Date of Government Version: 03/03/2005
Date Data Arrived at EDR: 05/03/2005
Date Made Active in Reports: 05/13/2005
Number of Days to Update: 10

Source: Department of Environmental Management
Telephone: 334-271-7735
Last EDR Contact: 07/14/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Varies

VCP: Cleanup Program Inventory

Currently the Cleanup Inventory List contains information about sites undergoing assessment and possible cleanup under Alabama's Brownfield Redevelopment and Voluntary Cleanup Program. It also includes sites that have exited the program but were remediated to less than unrestricted levels.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/05/2006
Date Data Arrived at EDR: 04/13/2006
Date Made Active in Reports: 05/17/2006
Number of Days to Update: 34

Source: Department of Environmental Management
Telephone: 334-271-7700
Last EDR Contact: 07/10/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Semi-Annually

BROWNFIELDS: Land Division Brownfields 128(a) Program Site Listing

A listing of Brownfields activities performed by ADEM.

Date of Government Version: 03/03/2005
Date Data Arrived at EDR: 05/03/2005
Date Made Active in Reports: 05/13/2005
Number of Days to Update: 10

Source: Department of Environmental Management
Telephone: 334-271-7735
Last EDR Contact: 07/14/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Varies

CDL: Clandestine Methamphetamine Lab Sites

Clandestine methamphetamine lab locations seized by law enforcement agencies.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/18/2005
Date Made Active in Reports: 04/01/2005
Number of Days to Update: 42

Source: Department of Environmental Management
Telephone: 334-271-7700
Last EDR Contact: 05/15/2006
Next Scheduled EDR Contact: 08/14/2006
Data Release Frequency: Varies

TIER 2: Tier 2 Data Listing

A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report.

Date of Government Version: 04/05/2006
Date Data Arrived at EDR: 05/31/2006
Date Made Active in Reports: 07/07/2006
Number of Days to Update: 37

Source: Department of Environmental Management
Telephone: 334-260-2714
Last EDR Contact: 07/10/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Varies

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/08/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 177

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 05/12/2006
Next Scheduled EDR Contact: 08/07/2006
Data Release Frequency: Semi-Annually

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2004	Source: Department of Environmental Protection
Date Data Arrived at EDR: 02/17/2006	Telephone: 860-424-3375
Date Made Active in Reports: 04/07/2006	Last EDR Contact: 06/14/2006
Number of Days to Update: 49	Next Scheduled EDR Contact: 09/11/2006
	Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2004	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/24/2006	Telephone: N/A
Date Made Active in Reports: 05/02/2006	Last EDR Contact: 07/05/2006
Number of Days to Update: 8	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 05/02/2006	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 05/31/2006	Telephone: 518-402-8651
Date Made Active in Reports: 06/27/2006	Last EDR Contact: 05/31/2006
Number of Days to Update: 27	Next Scheduled EDR Contact: 08/28/2006
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 05/04/2006
Date Made Active in Reports: 06/06/2006
Number of Days to Update: 33

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/12/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 09/30/2005
Date Data Arrived at EDR: 05/09/2006
Date Made Active in Reports: 05/24/2006
Number of Days to Update: 15

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 06/19/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 05/02/2006
Number of Days to Update: 46

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 07/11/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: PennWell Corporation
Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Centers

Source: Department of Human Resources

Telephone: 334-242-1425

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

FAITH WING USARC
215 REGIMENTAL AVE
FORT MCCLELLAN, AL 36205

TARGET PROPERTY COORDINATES

Latitude (North):	33.730867 - 33° 43' 51.1"
Longitude (West):	85.794047 - 85° 47' 38.6"
Universal Transverse Mercator:	Zone 16
UTM X (Meters):	611722.8
UTM Y (Meters):	3732775.0
Elevation:	786 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	33085-F7 ANNISTON, AL
Most Recent Revision:	1972

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK[®] - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

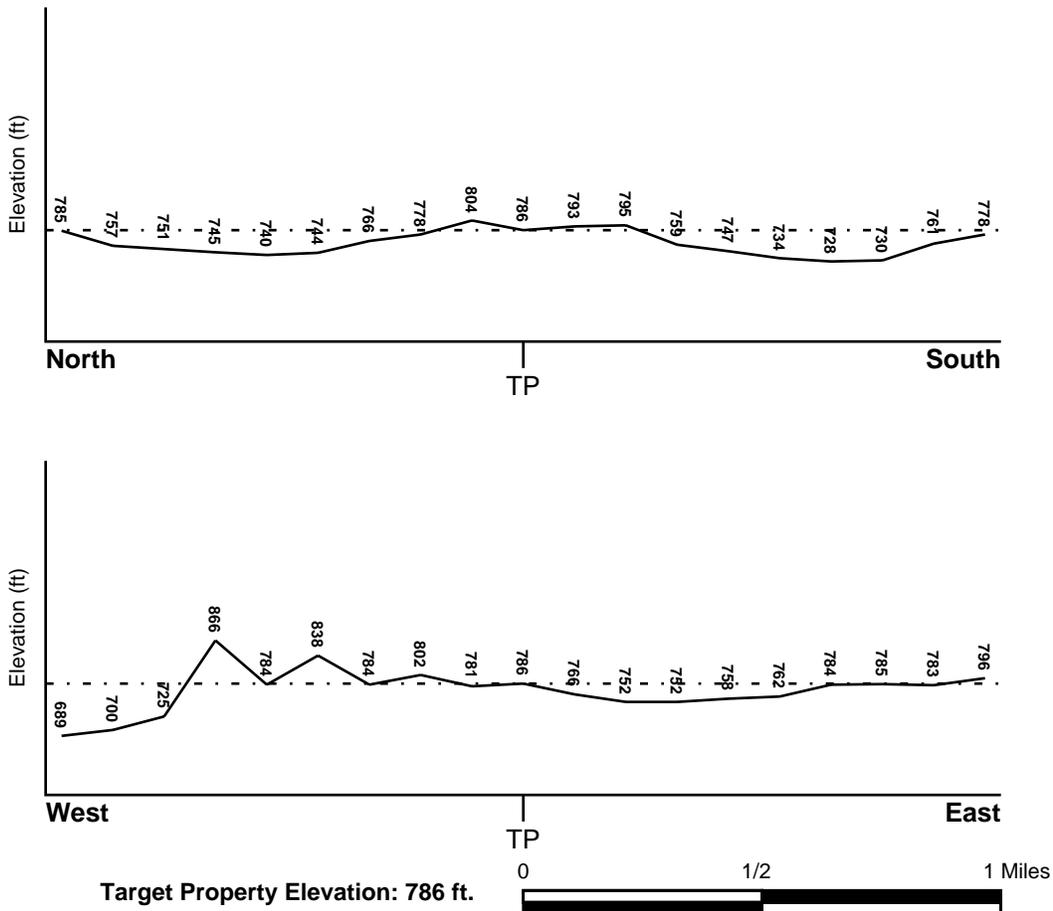
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General East

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Target Property County</u> CALHOUN, AL	FEMA Flood <u>Electronic Data</u> YES - refer to the Overview Map and Detail Map
--	--

Flood Plain Panel at Target Property: 0100130168C

Additional Panels in search area: 0100130166C
0100200002C
0100250001B
0100130162C
0100130164C

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> ANNISTON	NWI Electronic <u>Data Coverage</u> Not Available
--	---

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era: Paleozoic
System: Mississippian
Series: Mississippian
Code: M (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: CONASAUGA

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained. Soils have a layer of low hydraulic conductivity, wet state high in the profile. Depth to water table is 3 to 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 20 inches

Depth to Bedrock Max: > 40 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	4 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 6.00 Min: 3.60
2	4 inches	10 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 0.20 Min: 0.06	Max: 6.00 Min: 3.60
3	10 inches	19 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.20 Min: 0.06	Max: 6.00 Min: 3.60
4	19 inches	30 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.20 Min: 0.06	Max: 6.50 Min: 3.60
5	30 inches	60 inches	weathered bedrock	Not reported	Not reported	Max: 0.20 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: channery - silt loam
 silty clay loam
 gravelly - sandy loam
 loam
 sandy loam
 unweathered bedrock

Surficial Soil Types: channery - silt loam
 silty clay loam
 gravelly - sandy loam
 loam
 sandy loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

unweathered bedrock

Shallow Soil Types: silty clay loam
 clay
 gravelly - loam
 loam

Deeper Soil Types: silty clay
 gravelly - clay loam
 stratified
 unweathered bedrock

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

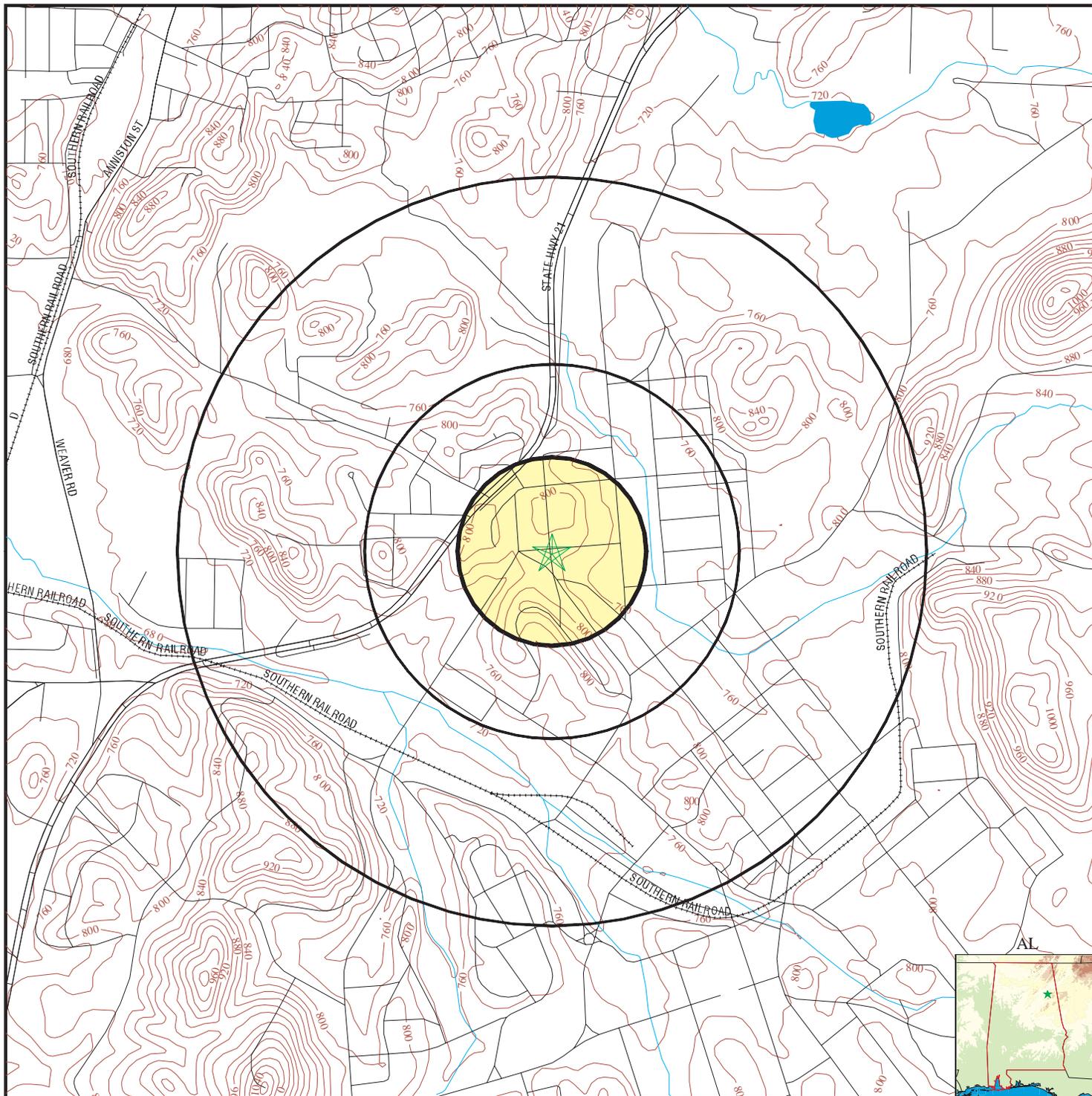
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 01715536.100r



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location

<p>SITE NAME: FAITH WING USARC ADDRESS: 215 REGIMENTAL AVE FORT MCCLELLAN AL 36205 LAT/LONG: 33.7309 / 85.7940</p>	<p>CLIENT: FMSM Engineers CONTACT: Robert Newman INQUIRY #: 01715536.100r DATE: July 18, 2006</p>
---	--

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: AL Radon

Radon Test Results

County	Zip	City	Total Sites	< 4 pCi/L	>=4 pCi/L	% of sites >=4 pCi/L
CALHOUN	36205	ANNISTON	0	0	0	0.00

Federal EPA Radon Zone for CALHOUN County: 1

- Note: Zone 1 indoor average level > 4 pCi/L.
- : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
- : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for CALHOUN COUNTY, AL

Number of sites tested: 16

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.150 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	32.067 pCi/L	67%	17%	17%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Alabama Wells Data

Source: Department of Environmental Management

Telephone: 334-271-7985

OTHER STATE DATABASE INFORMATION

RADON

State Database: AL Radon

Source: Department of Public Health

Telephone: 334-206-5391

Short-Term Test Results for Alabama Counties

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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Fax To: FMSM Engineers
Contact: Robert Newman
Fax : 502-212-5055
Date: 07/18/2006

Fax From: Jeff Weiss
EDR
Phone: 1-800-352-0050

EDR PUR-IQ[®] Report

"the intelligent way to conduct historical research"

for
FAITH WING USARC
215 REGIMENTAL AVE
FORT MCCLELLAN, AL 36205
Lat./Long. 33.730867 / 85.794047
EDR Inquiry # 01715536.100r

The EDR PUR-IQ report facilitates historical research planning required to complete the Phase I ESA process. The report identifies the *likelihood* of prior use coverage by searching proprietary EDR-Prior Use Reports[®] comprising nationwide information on: city directories, fire insurance maps, aerial photographs, historical topographic maps, flood maps and National Wetland Inventory maps.

Potential for EDR Historical (Prior Use) Coverage - Coverage in the following historical information sources may be used as a guide to develop your historical research strategy:

- 1. City Directory:** Coverage may exist for portions of Calhoun County, AL.
- 2. Fire Insurance Map:** When you order online any EDR Package or the EDR Radius Map with EDR Sanborn Map Search/Print, you receive site specific Sanborn Map coverage information at no charge.
- 3. Aerial Photograph:** Aerial photography coverage may exist for portions of Calhoun County. Please contact your EDR Account Executive for information about USGS photos available through EDR.
- 4. Topographic Map:** The USGS 7.5 min. quad topo sheet(s) associated with this site:
Historical: Coverage exists for Calhoun County
Current: Target Property: TP | 1972 | 33085-F7 Anniston, AL

EDR's network of professional researchers, located throughout the United States, accesses the most extensive national collections of city directory, fire insurance maps, aerial photographs and historical topographic map resources available for FORT MCCLELLAN, AL. These collections may be located in multiple libraries throughout the country. To ensure maximum coverage, EDR will often assign researchers at these multiple locations on your behalf. Please call or fax your EDR representative to authorize a search.



EDR™ Environmental
Data Resources Inc

EDR - HISTORICAL SOURCE(S) ORDER FORM

**FMSM Engineers
Robert Newman
Account # 1022764**

**FAITH WING USARC
215 REGIMENTAL AVE
FORT MCCLELLAN, AL 36205
Calhoun County
Lat./Long. 33.730867 / 85.794047
EDR Inquiry # 01715536.100r**

Should you wish to change or add to your order, fax this form to your EDR account executive:

**Jeff Weiss
Ph: 1-800-352-0050 Fax: 1-800-231-6802**

Reports

- EDR Sanborn Map® Search/Print
- EDR Fire Insurance Map Abstract
- EDR Multi-Tenant Retail Facility® Report
- EDR City Directory Abstract
- EDR Aerial Photo Decade Package
- USGS Aerial 5 Package
- USGS Aerial 3 Package
- EDR Historical Topographic Maps
- Paper Current USGS Topo (7.5 min.)
- Environmental Lien Search
- Chain of Title Search
- NJ MacRaes Industrial Directory Report
- EDR Telephone Interview

Shipping:

- Email
- Express, Next Day Delivery
- Express, Second Day Delivery
- Express, Next day Delivery
- Express, Second Day Delivery
- U.S. Mail

Customer Account
Customer Account

RUSH SERVICE IS AVAILABLE

Acct # _____
Acct # _____

Thank you



1409
North Forbes Road
Lexington, Kentucky
40511-2050

859-422-3000
859-422-3100 FAX

www.fmsmengineers.com

August 7, 2006

O.1.1.LV2006038L02

Alabama Department of Environmental Management
Air Division
PO Box 301463
Montgomery, Alabama 36130-1463

Re: Environmental Baseline Survey
Department of Defense Base Realignment and Closure (BRAC)

Dear Sir or Madam:

We have been contracted by the US Army Corps of Engineers to perform Environmental Baseline Surveys on the sites that are to be effected by BRAC. Our sites in Alabama are as follows:

Faith Wing USARC	215 Regimental Avenue Fort McClelland, Alabama
BG William P. Screws USARC	4050 Atlanta Highway Montgomery Alabama
Wright USARC	1900 Hurte! Avenue Mobile, Alabama
Harry L. Gary Jr. USARC	801 Mill Avenue Enterprise, Alabama
PFC Grady C. Anderson USARC	358 Elba Highway Troy, Alabama
Finnell AFRC/AMSA51	2627 10 th Avenue Tuscaloosa, Alabama
Cleveland Leight Abbot USARC	2202 VA Hospital Road Tuskegee, Alabama

We would appreciate it very much if you could provide us with any information that your branch could provide us regarding environmental incidents at or in the immediate vicinity of these sites.

Alabama Department of Environmental Management
August 7, 2006
Page 2

Thank you for your assistance.

Sincerely,

FULLER, MOSSBARGER, SCOTT AND MAY
ENGINEERS, INC.

A handwritten signature in black ink, appearing to read "Ronald W. Yost". The signature is written in a cursive style with a long horizontal flourish extending to the right.

Ronald W. Yost, PG
Senior Geologist

/rws



ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

POST OFFICE BOX 301463 36130-1463 ♦ 1400 COLISEUM BLVD. 36110-2050

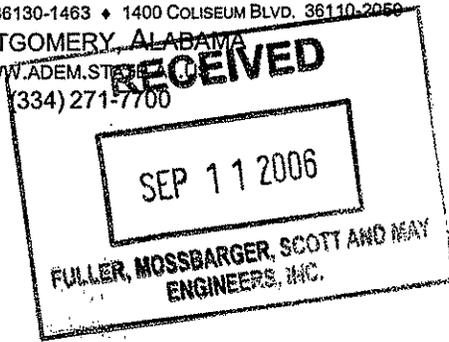
MONTGOMERY, ALABAMA

WWW.ADEM.STATE.GOV

(334) 271-7700

ONIS "TREY" GLENN, III, P.E.

DIRECTOR



BOB RILEY
GOVERNOR

September 6, 2006

Facsimiles: (334)

Administration: 271-7850
General Counsel: 394-4332
Communication: 394-4383
Air: 279-3044
Land: 279-3050
Water: 279-3051
Groundwater: 270-5631
Field Operations: 272-8131
Laboratory: 277-6718
Mining: 394-4326

Mr. Ronald Yost, PG
Senior Geologist
FMSM Engineers
1409 North Forbes Road
Lexington, Kentucky 40511-2050

Re: Environmental Baseline Survey
Department of Defense Base Realignment and Closure (BRAC)

Dear Mr. Yost:

This is in response to your letter dated August 7, 2006, requesting information regarding any environmental incidents at or in the immediate vicinity of the following sites in Alabama:

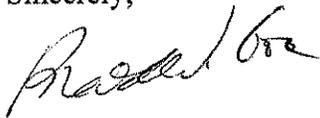
Faith Wing USARC	215 Regimental Avenue Fort McClelland, Alabama
BG William P. Screws USARC	4050 Atlanta Highway Montgomery, Alabama
Wright USARC	1900 Hurtel Avenue Mobile, Alabama
Harry L. Gary Jr. USARC	801 Mill Avenue Enterprise, Alabama
PFC Grady C. Anderson USARC	358 Elba Highway Troy, Alabama
Finnell AFRC/AMSA51	2627 10 th Avenue Tuscaloosa, Alabama
Cleveland Leight Abbot USARC	2202 VA Hospital Road Tuskegee, Alabama



Based on our review, we have determined that the Department has no information on file regarding environmental incidents concerning air emissions at or in the immediate vicinity of these sites.

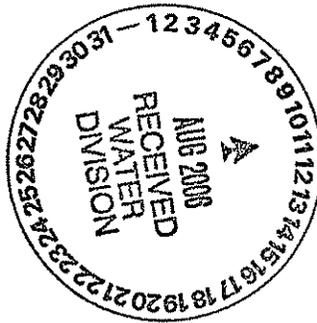
If you have any questions regarding this matter, please contact Charles Killebrew in Montgomery at (334) 270-5676.

Sincerely,

A handwritten signature in black ink, appearing to read "Ronald W. Gore". The signature is written in a cursive style with a large initial "R".

Ronald W. Gore, Chief
Air Division

RWG/CVK:cvk



1409
North Forbes Road
Lexington, Kentucky
40511-2050

859-422-3000
859-422-3100 FAX

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August 7, 2006

O.1.1.LV2006038L010

Alabama Department of Environmental Management
Water Division
PO Box 301463
Montgomery, Alabama 36130-1463

Re: Environmental Baseline Survey
Department of Defense Base Realignment and Closure (BRAC)

Dear Sir or Madam:

We have been contracted by the US Army Corps of Engineers to perform Environmental Baseline Surveys on the sites that are to be effected by BRAC. Our sites in Alabama are as follows:

Faith Wing USARC	215 Regimental Avenue Fort McClelland, Alabama
BG William P. Screws USARC	4050 Atlanta Highway Montgomery Alabama
Wright USARC	1900 Hurtel Avenue Mobile, Alabama
Harry L. Gary Jr. USARC	801 Mill Avenue Enterprise, Alabama
PFC Grady C. Anderson USARC	358 Elba Highway Troy, Alabama
Finnell AFRC/AMSA51	2627 10 th Avenue Tuscaloosa, Alabama
Cleveland Leight Abbot USARC	2202 VA Hospital Road Tuskegee, Alabama

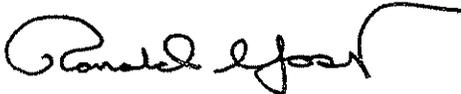
We would appreciate it very much if you could provide us with any information that your branch could provide us regarding environmental incidents at or in the immediate vicinity of these sites.

Alabama Department of Environmental Management
August 7, 2006
Page 2

Thank you for your assistance.

Sincerely,

FULLER, MOSSBARGER, SCOTT AND MAY
ENGINEERS, INC.

A handwritten signature in black ink, appearing to read "Ronald W. Yost". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Ronald W. Yost, PG
Senior Geologist

/rws

Ron Yost

From: Warren, Lee [DLW@adem.state.al.us]
Sent: Monday, September 11, 2006 4:55 PM
To: Ron Yost
Subject: Requested Written Statement to August 7, 2006 Letter from FMSM Engineers
Attachments: im55200306141512.pdf

Mr. Yost,

After review of Industrial records, the Industrial Section is currently unaware of any "environmental incidents" that have occurred at the seven sites referenced in your August 7, 2006 letter. However, Scott Demick/Permits and Services (334) 271-7712 should be contacted regarding file reviews. Also, the Groundwater Branch (334) 270-5655 should be contacted regarding any remediation(s) in the areas and Field Operations Division (334) 260-2700 should be contacted regarding possible spill responses in the areas.

If you have any questions, please feel free to contact me.

Lee Warren
Industrial Section/Water Division
ADEM
(334) 271-7845

This email and any files transmitted with it are confidential and intended solely for the use of the individual named. If you have received this email in error, please notify the system manager. This email has been scanned for known viruses but that does not necessarily guarantee it is free from viruses.

9/13/2006



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40511-2050

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859-422-3100 FAX

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August 7, 2006

O.1.1.LV2006038L01

Alabama Department of Environmental Management
Solid Waste Branch
PO Box 301463
Montgomery, Alabama 36130-1463

Re: Environmental Baseline Survey
Department of Defense Base Realignment and Closure (BRAC)

Dear Sir or Madam:

We have been contracted by the US Army Corps of Engineers to perform Environmental Baseline Surveys on the sites that are to be effected by BRAC. Our sites in Alabama are as follows:

Faith Wing USARC	215 Regimental Avenue Fort McClelland, Alabama
BG William P. Screws USARC	4050 Atlanta Highway Montgomery, Alabama
Wright USARC	1900 Hurtel Avenue Mobile, Alabama
Harry L. Gary Jr. USARC	801 Mill Avenue Enterprise, Alabama
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Finnell AFRC/AMSA51	2627 10 th Avenue Tuscaloosa, Alabama
Cleveland Leight Abbot USARC	2202 VA Hospital Road Tuskegee, Alabama

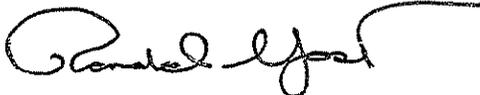
We would appreciate it very much if you could provide us with any information that your branch could provide us regarding environmental incidents at or in the immediate vicinity of these sites.

Alabama Department of Environmental Management
August 7, 2006
Page 2

Thank you for your assistance.

Sincerely,

FULLER, MOSSBARGER, SCOTT AND MAY
ENGINEERS, INC.

A handwritten signature in black ink, appearing to read "Ronald W. Yost". The signature is fluid and cursive, with a long horizontal flourish extending to the right.

Ronald W. Yost, PG
Senior Geologist

/rws



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North Forbes Road
Lexington, Kentucky
40511-2050

859-422-3000
859-422-3100 FAX

www.fmsmengineers.com

August 7, 2006

O.1.1.LV2006038L06

Alabama Department of Public Health
Calhoun Office
PO Box 4699
Anniston, Alabama 36204-4699

Re: Environmental Baseline Study
Department of Defense Base Realignment and Closure (BRAC)
Faith Wing USARC
215 Regimental Avenue
Fort McClennan, Alabama

Dear Sir or Madam:

We have been contracted by the US Army Corps of Engineers to perform an Environmental Baseline Study at the BG William P. Screws USARC located at 4050 Atlanta Highway, in Montgomery, Alabama. We would appreciate it very much if you would provide us with any information your office might have regarding environmental incidents at or in the immediate vicinity of this site.

Thank you for your assistance.

Sincerely,

FULLER, MOSSBARGER, SCOTT AND MAY
ENGINEERS, INC.

Ronald W. Yost, PG
Senior Geologist

/rws



STATE OF ALABAMA
DEPARTMENT OF PUBLIC HEALTH
DONALD E. WILLIAMSON, M.D. • STATE HEALTH OFFICER

CALHOUN COUNTY HEALTH DEPARTMENT

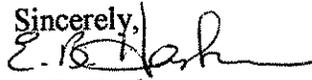
August 14, 2006

FMSM Engineers
Attn: Ronald W. Yost, PG
1409 North Forbes Road
Lexington, KY 40511-2050

Re: Request for information [0.1..LV2006038L06]

Dear Mr. Yost:

In response to your request concerning Faith Wing USARC, 215 Regimental Avenue, Fort McClellan, Alabama there are no records of environmental incidents at or in the immediate vicinity of this site.

Sincerely,

E. B. Haskew
Environmental Supervisor