

***FINAL***

**ENVIRONMENTAL CONDITION OF  
PROPERTY REPORT**

**U.S. ARMY RESERVE  
EQUIPMENT CONCENTRATION SITE #15 (AR014)  
11408 ROBERTS BOULEVARD  
FORT SMITH, ARKANSAS 72903**

***Prepared For:***

**U.S. Army Corps of Engineers — Louisville District  
Engineering Division — Environmental Engineering Branch  
600 Dr. Martin Luther King, Jr. Place  
Louisville, Kentucky 40202-2232**

**August 16, 2007**

## CERTIFICATION

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

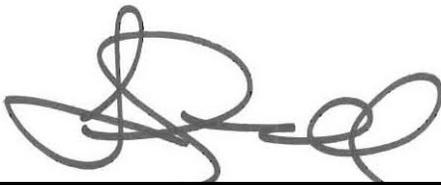
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**JAMES WHEELER II**  
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**90<sup>th</sup> Regional Readiness Command**

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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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**Project Geologist**  
**U.S. Army Corps of Engineers**

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**August 16, 2007**  
**DATE**

## EXECUTIVE SUMMARY

The Terraine-EnSafe Joint Venture (TEJV), under contract to the U.S. Army Corps of Engineers, Louisville District, has prepared this Environmental Condition of Property (ECP) Report for the U.S. Army Reserve (USAR) Equipment Concentration Site (ECS) #15 (Facility ID AR014), hereafter referred to as the "Site" or "ECS #15." The Site is located at 11408 Roberts Boulevard in Fort Smith, Sebastian County, Arkansas.

This ECP Report was conducted in conformance with primary Department of Defense (DoD) and Army guidance, the DoD's Base Redevelopment and Realignment Manual, DoD 4165.66-M, Army regulations, and the American Society for Testing and Materials 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 Site, including the USAR and any prior uses of the Site and the resulting environmental condition of property.

The ECS #15 encompasses 39.32 acres of land and has five permanent structures: the 29,337-square-foot Building 470 with administrative offices and vehicle maintenance shops; the 38,934-square-foot Building 572, a warehouse for storage of parts and equipment; a roofed, concrete-floored vehicle wash rack (VWR), also known as Building 471; and two 126-square-foot concrete-floored and bermed chemical storage buildings. The Site is currently occupied by ECS #15 and is staffed by civilians employed by the USAR.

Based on a review of historical street maps, aerial photographs, and U.S. Geological Survey topographical maps dating back to 1951, along with other historical documents, the Site was part of Fort Chaffee which was developed in the early 1940s on former farmland. A 4.6-acre sanitary landfill was used from the 1940s until about 1954; the military equipment parking (MEP) area was constructed over a portion of the former sanitary landfill. Building 572, Building 470, and the VWR were constructed in 1982.

Areas of potential environmental concern were reviewed and the TEJV found the following concerns relating to the environmental condition of property. Part of the Site was constructed on a former landfill; stains observed on pavement and graveled areas, as well as memorandums documenting spills, indicate multiple small releases of oil products over multiple years; and adjacent/nearby properties have documented contaminants in soil and groundwater, including Sanitary Landfill #1 south of the MEP area, the incinerator disposal area west of the MEP area, and the pesticide handling center to the west-northwest.

In accordance with DoD policy defining the classifications (see S.W. Goodman Memorandum dated October 21, 1996), the Site has been classified as Category 3. 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.

## Table of Contents

EXECUTIVE SUMMARY.....	i
List of Acronyms and Abbreviations .....	vi
1.0 INTRODUCTION.....	1
1.1 Purpose of Environmental Condition of Property .....	1
1.2 Scope of Services.....	2
1.3 Assumptions and Limitations .....	3
2.0 SITE LOCATION AND PHYSICAL DESCRIPTION.....	4
2.1 Site Location .....	4
2.2 Asset Information.....	4
2.3 Physical Description .....	5
2.4 Site Hydrology and Geology .....	7
2.4.1 Surface Water Characteristics.....	7
2.4.2 Hydrogeological Characteristics .....	7
2.5 Site Utilities.....	9
2.6 Water Supply Wells and Septic Systems.....	9
3.0 SITE HISTORY.....	10
3.1 History of Ownership.....	10
3.2 Past Uses and Operations .....	10
3.3 Past Use, Storage, Disposal, and Release of Hazardous Substances .....	13
3.3.1 Past Use and Storage of Hazardous Substances .....	13
3.3.2 Past Disposal and Release of Hazardous Substances .....	13
3.4 Past Use, Storage, Disposal, and Release of Petroleum, Oils and Lubricants .....	14
3.5 Past Petroleum Releases .....	15
3.6 Past Bulk Petroleum Storage Tanks .....	16
3.7 Review of Previous Environmental Reports.....	16
3.7.1 Environmental Baseline Survey Report.....	16
3.7.2 Asbestos Report.....	17
3.7.3 Oil-Water Separator Evaluation.....	17
3.7.4 Engineering and Environmental Assessment.....	18
3.7.5 Lead-Based Paint Report .....	18
3.7.6 Storm Water Pollution Prevention Plan .....	18
3.7.7 Radon Report.....	18
3.7.8 Geophysical Survey, Landfill #2 .....	18
3.7.9 Site Investigation, Sanitary Landfill #2.....	19
3.7.10 USEPA Superfund Record of Decision.....	20
4.0 ADJACENT PROPERTIES.....	21

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5.0	REVIEW OF REGULATORY INFORMATION.....	22
5.1	Federal Environmental Records .....	23
5.1.1	Federal National Priorities List Sites within One Mile .....	23
5.1.2	Federal CERCLIS Sites within One-Half Mile .....	23
5.1.3	RCRA Corrective Action Sites within One Mile .....	29
5.1.4	RCRA Transport, Treatment, Storage, and/or Disposal Facilities within One-Half Mile .....	30
5.1.5	Federal RCRA Small- and Large-Quantity Generators List within One-Quarter Mile .....	30
5.1.6	Federal Emergency Response Notification System List.....	30
5.2	State and Local Environmental Records.....	30
5.2.1	State-Registered Landfills or Solid Waste Disposal Sites within One-Half Mile .....	31
5.2.2	State-Registered Leaking UST Sites within One-Half Mile.....	31
5.2.3	State-Registered UST Sites within One-Quarter Mile .....	31
5.2.4	State Hazardous Waste Sites within One Mile .....	31
5.2.5	State Closed Landfills within One-Half Mile .....	31
5.2.6	State AST Sites within One-Quarter Mile .....	31
5.2.7	State Spills Incidents.....	32
5.2.8	State Sites with Institutional and Engineering Controls within One-Half Mile .....	32
5.2.9	State Voluntary Cleanup Program Sites within One-Half Mile.....	32
5.2.10	State Brownfields Program Sites within One-Half Mile.....	32
5.2.11	State Enforcement Sites .....	32
5.2.12	State Poultry Sludge Permit Sites within One-Half Mile .....	33
5.2.13	State Permit Data System.....	33
5.2.14	State Facility Emission and Stack Data Sites.....	33
5.2.15	State Asbestos Notification of Intent Database Sites .....	33
5.3	Tribal Environmental Records.....	33
5.4	Unmapped Sites .....	33
5.5	Summary of Properties Evaluated To Determine Risk to Site.....	34
6.0	SITE INVESTIGATION AND REVIEW OF HAZARDS .....	35
6.1	USTs and ASTs .....	35
6.2	Inventory of Chemicals/Hazardous Substances .....	35
6.3	Waste Disposal Sites .....	37
6.4	Pits, Sumps, Dry Wells, and Catch Basins .....	37
6.5	Asbestos-Containing Material .....	37
6.6	PCB-Containing Equipment .....	38
6.7	Lead-Based Paint .....	38
6.8	Radon .....	38
6.9	Unexploded Ordnance .....	38
6.10	Radioactive Materials.....	39

7.0	REVIEW OF SPECIAL RESOURCES.....	40
7.1	Land Use .....	40
7.2	Coastal Zone Management.....	40
7.3	Wetlands.....	40
7.4	100-Year Floodplain .....	40
7.5	Natural Resources .....	40
7.6	Cultural Resources .....	41
7.7	Other Special Resources .....	41
8.0	CONCLUSIONS .....	42
9.0	REFERENCES .....	45

### List of Tables

Table 1	Historical Summary for ECS # 15 .....	11
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### List of Appendices

#### Appendix A Figures

Figure 1	General Site Location Map
Figure 2	Site Layout Plan
Figure 3	Building 470 Floor Plan
Figure 4	Building 572 Floor Plan
Figure 5	1951 Topographic Map
Figure 6	1971 Topographic Map
Figure 7	1987 Topographic Map
Figure 8	1967 Aerial Photograph
Figure 9	1983 Aerial Photograph
Figure 10	1994 Aerial Photograph
Figure 11	2007 Aerial Photograph
Figure 12	FEMA Flood Plain Map
Figure 13	Wetland Map

Appendix B Site Reconnaissance Photographs

Appendix C Chain-of-Title Report and Deed Information

Appendix D Previous Environmental Reports

Appendix E Regulatory Database Search Report and Site Reports

## List of Acronyms and Abbreviations

ACM	asbestos-containing material
ADEQ	Arkansas Department of Environmental Quality
AST	aboveground storage tank
ASTM	American Society for Testing and Materials
bgs	below ground surface
BRAC	Base Realignment and Closure
BRRM	Base Redevelopment and Realignment Manual
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CERCLIS	CERCLA Information System
CESQG	conditionally exempt small-quantity generator
CFR	Code of Federal Regulations
CORRACTS	Corrective Action Sites
DDT	Dichlorodiphenyltrichloroethane
DoD	Department of Defense
EBS	Environmental Baseline Survey
ECCI	Engineering, Compliance & Construction, Inc.
ECP	Environmental Condition of Property
ECS	Equipment Concentration Site
EDR	Environmental Data Resources, Inc.
ERNS	Emergency Response Notification System
FEMA	Federal Emergency Management Agency
FINDS	Facility Index System
FOST	Finding of Suitability for Transfer
FRDS	Federal Reporting Data System
GIS	Geographical Information System
kg	kilogram
LBP	lead-based paint
LQG	large-quantity generator
LUST	leaking underground storage tank

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MCL	Maximum Contaminant Level
MEK	methyl ethyl ketone
MEP	military equipment parking
MSSL	Medium-Specific Screening Level
NFA	No Further Action
NFRAP	No Further Remedial Action Planned
NPL	National Priorities List
NRCS	Natural Resources Conservation Service
OWS	oil-water separator
PCB	polychlorinated biphenyl
pCi/L	picocuries per liter
PMT	pole-mounted transformer
POL	petroleum, oils, and lubricants
POTW	Publicly Owned Treatment Works
POV	privately owned vehicle
PWS	Public Water Supply
RCRA	Resource Conservation and Recovery Act
RCRAInfo	RCRA Information Database
ROD	Record of Decision
RQ	reportable quantity
RRC	Regional Readiness Command
SQG	small-quantity generator
SVOC	semi-volatile organic compound
SWPPP	Storm Water Pollution Prevention Plan
TEJV	Terraine-EnSafe Joint Venture
TPH	total petroleum hydrocarbons
TSD	treatment, storage, and disposal
USACE	U.S. Army Corps of Engineers
USAR	U.S. Army Reserve
USEPA	U.S. Environmental Protection Agency
USGS	U.S. Geological Survey
UST	underground storage tank
VOC	volatile organic compound
VWR	vehicle wash rack

## **1.0 INTRODUCTION**

The Terraine-EnSafe Joint Venture (TEJV), under contract to the U.S. Army Corps of Engineers (USACE) Louisville District, was authorized to prepare an Environmental Condition of Property (ECP) Report for the U.S. Army Reserve (USAR) Equipment Concentration Site (ECS) #15 (Facility ID AR014) in response to the Base Realignment and Closure Act (BRAC) 2005 legislation. The work was performed under Contract No. W912QR-04-D-0044, Delivery Order No. 0008. The facility located at 11408 Roberts Boulevard, in Fort Smith, Sebastian County, Arkansas, is hereafter referred to as the "Site" or "ECS #15."

In support of the ECP process, a visual reconnaissance of the Site was conducted by TEJV personnel on May 3, 2007. The purpose of the reconnaissance was to obtain information indicating the likelihood of recognized environmental conditions in connection with the Site.

### **1.1 PURPOSE OF ENVIRONMENTAL CONDITION OF PROPERTY**

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 (DoD'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 BRAC property.
- Assist federal agencies during the property screening process.
- Provide information for prospective buyers.
- Assist prospective new owners in meeting the requirements under U.S. Environmental Protection Agency's (USEPA) "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 one year or more — specifically, quantities exceeding 1,000 kilograms (kg) or the reportable quantity (RQ), whichever is greater, of the substances specified in 40 CFR 302.4 or one kg 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 RQ. Army Regulation 200-1 requires that the ECP Report address asbestos, lead-based paint (LBP), 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 approximately 40-acre ECS #15 at 11408 Roberts Boulevard in Fort Smith, Arkansas. A general Site location map, Site maps, historical topographic maps and aerial photographs, a wetlands map, and a floodplain map are provided in Appendix A. Appendix B provides photographs taken during the May 2007 Site reconnaissance. Appendix C provides chain-of-title information for the Site. Historical environmental documents and reports are provided in Appendix D. The environmental database report is provided in Appendix E.

This ECP Report classifies the property into one of seven DoD Environmental ECP categories as defined by the S.W. Goodman Memorandum dated October 21, 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 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 underway, but all required remedial actions have not yet been taken.
- Category 6: Areas where release, disposal, and/or migration of hazardous substances has occurred, but required actions have not yet been implemented.
- Category 7: Areas that are not evaluated or require additional evaluation.

### **1.3 ASSUMPTIONS AND LIMITATIONS**

This report was prepared to permit formulation of an opinion of the environmental condition of the Site. Opinions on the environmental conditions at the Site are based on information from the visual reconnaissance, interviews, and collection and review of readily available information. New information or changes in Site use could require a review and possible modification of the findings and conclusions contained in this report.

The information obtained from the USAR, the USAR's representatives, individuals interviewed, and prior environmental reports was considered to be accurate unless reasonable inquiries indicated otherwise. Conditions observed were considered representative of areas that were not accessible unless otherwise indicated.

This ECP Report presents a summary of readily available information on the environmental conditions of, and concerns relative to, the land, facilities, and real property assets at the ECS #15. Its findings are based on a record search of readily available documents, a thorough review of the applicable and relevant documents, a visual Site reconnaissance conducted on May 3, 2007, and interviews with personnel knowledgeable about the Site and its history. Extensive environmental investigations and reports and Site historical documents were reviewed in support of this ECP. Information obtained from these other studies is reflected within this report by reference. A complete list of references is provided as Section 9.0.

All Site buildings were visually inspected during the Site reconnaissance. However, a 100% visual reconnaissance of each building (e.g., attics, crawl spaces, etc.) was not practical due to accessibility limitations. The interiors of some portable storage containers were locked and inaccessible during the Site reconnaissance. No sampling or analysis of any media was conducted during this survey.

## 2.0 SITE LOCATION AND PHYSICAL DESCRIPTION

The Site reconnaissance included a walking assessment of the developed area of the Site and buildings and a driving tour of the surrounding area. The visual reconnaissance was conducted by TEJV personnel on May 3, 2007 to field-verify information produced in the document review and to identify recognized environmental conditions of property.

A reconnaissance of the Site perimeter was conducted to evaluate adjacent property uses that could cause environmental contamination on the Site. TEJV personnel walked the Site perimeter and drove on roads in the surrounding area to visually identify any contiguous properties that appear, in TEJV's professional judgment, to have contamination that could migrate to the Site. The findings of the perimeter survey are presented in Section 4.0.

### 2.1 SITE LOCATION

The Site address is 11408 Roberts Boulevard in Fort Smith, Sebastian County, Arkansas. The Site has historically been addressed as 1900 Roberts Boulevard in Barling, Arkansas, but the address was modified in the past few years during redevelopment of the former Fort Chaffee property. As shown on Figure 1 in Appendix A, the Site is near the intersection of Roberts Boulevard and Terry Road, in an area that was formerly Fort Chaffee property. When Fort Chaffee was officially closed in 1997, the Site area was designated "Excess Area" land to be redeveloped. A U.S. Army National Guard facility is southeast of the Site. To the northeast, beyond Roberts Boulevard, is property (a former fuel distribution center) that has been acquired by a construction company as well as property that has not yet been redeveloped. To the northwest is former Fort Chaffee property (former pesticide handling center, two former incinerators, and undeveloped land) that has not been redeveloped. To the southwest are undeveloped fields. A portion of the Site was constructed on former Sanitary Landfill #2, associated with Fort Chaffee, and the landfill footprint extends beyond the Site to the west.

### 2.2 ASSET INFORMATION

Facility Name and Address: Equipment Concentration Site #15  
11408 Roberts Boulevard  
Fort Smith, Arkansas 72903

Property Owner: United States of America

Date of Ownership: June 14, 1943

Current Occupant: ECS #15

Zoning: Not zoned, according to the City of Fort Smith Geological Information System (GIS) zoning map. According to Fort Chaffee Redevelopment Authority information, the Site

is within an area being developed by the Fort Chaffee Redevelopment Authority as Chaffee Crossing, and is central to the portion of Chaffee Crossing designated as *The Valley*, a planned industrialized area.

County, State: Sebastian County, Arkansas

USGS Quadrangle: Barling, Arkansas

Section/Township/Range: Section 9, Township 7 North, Range 31 West

Latitude/Longitude: 35° 18' 24.5" N; 94° 18' 26.3" W

Legal Description: All that certain piece or parcel of land situated and lying in Section 9, Township 7 North, Range 31 West, of the 5<sup>th</sup> Principal Meridian, Sebastian County, State of Arkansas.

### 2.3 PHYSICAL DESCRIPTION

A Site map of the ECS #15 is provided as Figure 2 in Appendix A. The ECS #15 is on 39.32 acres of land and has five permanent structures: Building 470, which includes administrative offices and vehicle maintenance shops; Building 572, a warehouse for the storage of parts and equipment; a roofed, concrete-floored vehicle wash rack (VWR), also known as Building 471; and two concrete-floored and bermed chemical storage buildings. A floor plan of Buildings 470 and 572 are provided as Figures 3 and 4, respectively, in Appendix A. Photographs of the Site and adjacent properties and specific environmental conditions or other Site-specific features are in Appendix B.

Buildings 470, 572, and the VWR were constructed in 1982, and the chemical storage buildings in approximately 1997. Building 470 is a 29,337-square-foot chevron-shaped structure with an administration section in the center and vehicle maintenance shops on the north and south ends of the building. The building was constructed with a concrete slab floor and cinder block and metal walls, with a partial brick veneer. The administration section has an asphalt and gravel roof, and the maintenance shops are roofed with metal. The administration portion of the building has offices on either side of a central hallway, a parts supply room and tool room, an electronics work room, a break room, a weapons storage area, and a mechanical room. The mechanical room houses a natural gas-fired boiler and water heater, and has two floor drains. The south maintenance shop has six bays, with the southernmost bay used as a tire room and storage area. A battery storage room and a welding area are in the south maintenance shop. The north maintenance shop has five bays. Each of the shops has a central grated floor drain that is piped to an oil-water separator (OWS) immediately north of the building.

Building 572 is a 38,934-square-foot warehouse used to store vehicle parts and supplies needed to equip the reserve troops. The warehouse has a concrete slab floor, metal walls, and a metal roof. Inside the warehouse are a small office, metal shelves for storage, a sprinkler system, and a caged storage area for selected equipment, including chemical monitors, which have radioactive elements. A diesel-powered forklift and two floor sweepers are stored in the warehouse. The warehouse is not heated or cooled and has no sewer system connections. The fire suppression (sprinkler) equipment is the only connection to a municipal potable water source, the Fort Smith water supply system. The sprinkler system equipment, including piping and an air compressor, is housed in a closet on the north side of the building. The piping for the system is dry (air-filled) to prevent the pipes from freezing in the winter. If fire water is needed, the system is designed to pump water into the sprinkler pipes for distribution.

The VWR has undergone several modifications since construction in 1982, including the 2003 addition of a metal roof and a concrete berm to reduce storm water runoff from entering the attached OWS. Use of the VWR was discontinued in 2005 when it was discovered that a baffle wall in the OWS was defective, preventing the OWS from operating properly.

One permanent waste-petroleum, oils, and lubricants (POL) storage building is west of both maintenance shops. The two one-room 126-square-foot buildings have metal walls and roofs and concrete floors with a 12-inch concrete berm. Both contain a 600-gallon tank for storage of used oil, and drums for storage of used antifreeze and other non-hazardous oily wastes.

Adjacent to both of the permanent waste POL storage buildings are three portable storage buildings for hazardous materials and shop wastes, and a portable storage unit for shop equipment such as jacks and fans. West of the central portion of Building 470 are three hazardous material storage buildings, a covered area with picnic tables and a barbeque grill, and a solid waste container under cover.

An asphalt-paved privately owned vehicle (POV) parking area is east of Building 470 and a fenced, gravel-covered military equipment parking (MEP) area is west of Building 470. Military vehicles and equipment such as portable bridge units are in the MEP area. Two portable buildings just east of the MEP area store compressed gas cylinders. A fenced, asphalt-paved storage area is southwest of Building 572 and large items such as tires are stored on the pavement. A flammable materials storage cabinet on the west side of the paved area is used for diesel fuel storage.

Approximately 20% of the Site is considered impervious (asphalt parking areas, driveways, concrete aprons near the maintenance bay doorways, building footprints, pavement south of Building 572, etc.). Most of the remainder of the Site, including the MEP area, is graveled. A strip of lawn and trees line Roberts Boulevard on the north side of the Site. Vehicle access is from entrances on Roberts Boulevard.

The ECS #15 is staffed by approximately 48 civilians employed by the USAR. The Site is used for the storage and maintenance of USAR military vehicles and heavy mobile equipment.

## **2.4 SITE HYDROLOGY AND GEOLOGY**

### **2.4.1 Surface Water Characteristics**

Figure 1 in Appendix A provides a topographic map of the Site and surrounding area. As shown on the map, the Site elevation ranges from approximately 445 to 495 feet above mean sea level and slopes downward to the northeast. Storm water runoff at the Site flows generally northeastward via swales, overland flow, and grated storm drains. Most of the storm water enters ditches along Roberts Boulevard, but a component of the storm water flows onto the adjacent Arkansas Army National Guard site to the southeast. The storm water draining from the Site eventually flows into Little Vache Grasse Creek, and then into the Arkansas River. No surface water bodies are on the Site or adjacent properties. Review of the topographic map of the Site area indicates that the nearest surface water body is Little Vache Grasse Creek, approximately one-quarter mile southeast of the Site.

According to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map for unincorporated areas of Sebastian County, Arkansas (Community Panel Number 0504620011B, May 7, 2001), the Site is in "Zone X." Zone X is defined by FEMA as "Areas of moderate to minimal hazard subject to flooding from severe storm activity or local drainage problems." The Site is outside the 100-year and 500-year flood zones.

### **2.4.2 Hydrogeological Characteristics**

The Site is in the Arkansas Valley Section of the Ouachita Province, in an area of rolling, flat-topped hills, long narrow ridges, and broad valleys. The hilltops and ridges are capped by sandstone, while the valleys are mostly underlain by shale. Based on the soil survey obtained from the U. S. Department of Agriculture Natural Resources Conservation Service (NRCS), the predominant soil types originally on the Site are:

- Leadvale silt loam, 3 to 8% slopes. This soil formed in loamy sediment washed from uplands of weathered sandstone and shale, on the toes slopes of hills and old stream terraces in broad valleys. Runoff is medium, and erosion is a severe hazard. Native vegetation consists chiefly of hardwood trees and pines. This soil type is mapped near Roberts Boulevard and under the buildings.
- Enders-Mountainburg association, rolling. This soil type formed on hillsides and mountainsides and has slopes of 8% to 20%. It is a combination of 50% to 65% Enders silt loam that is gravelly or stony, and 25% to 40% Mountainburg gravelly or stony sandy loam, with the remainder small areas of other soil types or rock outcrops. Enders soil formed in thin layers of loamy material and underlying

clayey material that weathered from shale. Native vegetation is hardwood trees or mixed pines and hardwoods. Mountainburg soil formed from loamy material weathered from sandstone. Native vegetation is a mixture of pines, hardwood trees, and understory tall grasses. This soil type is mapped under the MEP portion of the site.

None of the soils identified is listed as hydric by the NRCS. The soils originally on the Site may have been disturbed or replaced by landfilling, excavation of landfilled material, and capping of the landfilled or excavated areas.

According to the *Ground Water Atlas of the United States, Arkansas, Louisiana, and Mississippi, HA 730-F*, the Arkansas Valley Section of the Ouachita Province is a low-lying plain with low ridges oriented east to west composed of a thick sequence of fractured, faulted, and folded shale and sandstone. These sedimentary rocks are Pennsylvanian in age, and were deposited within an elongated subsiding trough.

The surficial aquifer in the Site vicinity is the Arkansas River alluvial aquifer. The aquifer is comprised of terraced alluvial deposits of Pleistocene age and floodplain alluvial deposits of Holocene age. The Arkansas River alluvial aquifer is usually less than 100 feet thick. The groundwater is generally under artesian conditions except near the river, where water table conditions predominate.

Three groundwater monitoring wells were observed on the Site, but no water production wells or springs. The monitoring wells are associated with investigation of the sanitary landfill previously at the Site. According to the *Site Investigation Report, Sanitary Landfill #2* (U.S. Army Fort Chaffee Base Transition Team, 2000), the subsurface was characterized during well installation as fill and alluvium or clay (over landfill areas), underlain by fractured shale and then 0 to 6 feet of sandstone. The fill and shale layer together were 1 to 12 feet thick. The shale and sandstone were described as the Pennsylvanian age Savanna Formation. The investigation also indicated that the groundwater flow direction in the near-surface aquifer generally follows the surface topography, flowing northeasterly to easterly.

The Site and surrounding area are served with public water by the City of Fort Smith, which uses surface water from Lake Fort Smith as its water supply source. A database search was conducted for federal U.S. Geological Survey (USGS) wells, federal Public Water Supply (PWS) System wells, and state-registered wells within one mile of the Site (see the Environmental Data Resources, Inc. [EDR] Report in Appendix E).

One PWS system, Fort Chaffee Waterworks, ID AR0000514, was listed between one-quarter and one-half mile north-northeast of the Site at 1389 Fort Smith Boulevard, Fort Chaffee. The Fort Chaffee Waterworks was described as a PWS system serving approximately 250 people that purchased surface water and treated it with gaseous chlorination for disinfection. The database information was from the

Federal Reporting Data System (FRDS). The FRDS was active prior to August 1995, when it was replaced by the PWS Violation and Enforcement Data system, implying that the Fort Chaffee Waterworks discontinued operations before August 1995. No other listings or wells were identified on databases for properties within one mile of the Site.

## **2.5 SITE UTILITIES**

The Site's water service is provided by the City of Fort Smith. The City of Barling provides sanitary sewer services for the Site. The Site has no storm water permits or industrial sewer use agreement with either city. Solid waste is placed in a Dumpster west of Building 470 and picked up by Waste Management under a private contract administered by the 90<sup>th</sup> Regional Readiness Command (RRC).

The Site does not have a separate sewer system for industrial wastewater. The only process water generated is from the OWS north of Building 470, which discharges into the sanitary sewer. The OWS at the VWR does not generate process water since its use was discontinued in 2005. Storm water from the Site flows into grated storm drains or via overland flow to five outfalls: one west of Building 572, two north of Building 470 adjacent to the POV parking area, and two on the southeast side of the Site near the VWR.

Electricity is provided by Oklahoma Gas and Electric Company. Natural gas is supplied to the Site by Arkansas Oklahoma Gas Company. The Site has a central heat and air system for the administration section of Building 470, and a boiler that provides heat for the maintenance shops. Building 572 is not heated and has electric fans for cooling.

## **2.6 WATER SUPPLY WELLS AND SEPTIC SYSTEMS**

As described in Section 2.4.2, there is a PWS system but no PWS wells within one mile of the Site (the PWS identified used surface water). Because the Site is served by a public sanitary sewer system, there are no septic systems on the Site, and no known systems were identified on the Site.

### 3.0 SITE HISTORY

#### 3.1 HISTORY OF OWNERSHIP

A *Historical Chain-of-Title Report* for the Site was reviewed and is provided in Appendix C. The Sebastian County Tax Assessor's Office did not have a property record card available for the Site, but a property record (parcel 40001-0000-00706-00) was available online from the Sebastian County Assessor Office Web site. A copy of the property record card is in Appendix D. A quitclaim deed for the subject property reviewed at the Sebastian County Clerk's office indicated that when a portion of Fort Chaffee land was transferred from the United States of America to the Fort Chaffee Redevelopment Trust in 2000, the ECS #15 land and buildings were an exception to the deed. The United States of America retained ownership of the subject property. A copy of the pertinent section of the quitclaim deed reviewed at the Sebastian County Clerk's office is in Appendix C.

The property record indicates that the Site is a 39.32-acre parcel. Key historical deed transfers within the last 60 years as listed on the chain-of-title are as follows:

- June 14, 1943 — A declaration of taking from the County of Sebastian, Arkansas, to the United States of America.

The chain-of-title report did not identify any leases or environmental liens against the ECS #15 property. Two lease documents in the Environmental Baseline Survey (EBS) report in Appendix D were reviewed during this ECP process. Neither lease document pertains to the Site buildings.

#### 3.2 PAST USES AND OPERATIONS

According to USAR personnel and Fort Chaffee historical information, Fort Chaffee was established in the early 1940s on land that had previously been farmland. According to USAR personnel, historical topographic maps, and the *Site Investigation Report, Sanitary Landfill #2* (U.S. Army Fort Chaffee Base Transition Team, 2000), a portion of the Site was used as a sanitary landfill prior to development of the ECS #15. The sanitary landfill was comprised of 4.6 acres that underlie the present-day MEP area, and it was in operation from the 1940s to approximately 1954.

Important events in the facility's development, administration, and mission are summarized in Table 1.

<b>Table 1 Historical Summary for ECS #15</b>	
<b>Year</b>	<b>Description</b>
Early 1940s	Fort Chaffee is established. Sanitary Landfill #2 in use in the 1940s.
1954	Sanitary Landfill #2 is closed.
1978 to 1982	Geotechnical borings of ECS #15 property revealed landfill debris in some of the borings.
1982	Construction of Building 470, Building 572, VWR, and two OWSs; the beginning of ECS #15 operations at the Site.
1989 (estimated)	Drain in battery storage room sealed.
Early to mid 1990s	Addition of three acres to the west side of the MEP area. Conversion of POL storage room in Building 470 administration wing to arms storage room.
1995	The BRAC Commission recommended the permanent closure of Fort Chaffee.
1997	Fort Chaffee closed and Fort Chaffee Redevelopment Authority was formed.
1997	Permanent waste POL buildings constructed.
1999 — 2000	Environmental investigation of Sanitary Landfill #2 area.
2005	Conversion of painting bay on south end of Building 470 to storage bay. The OWS at the VWR was found to be defective, and use of the VWR was discontinued.

According to USAR personnel, Building 470 originally had a POL storage room inside the building where an arms vault is currently. The POL storage was moved outside into portable flammable materials storage units in the early 1990s. Also in the early 1990s, an additional three acres of land were added to the west side of the MEP area. The addition is the triangular-shaped portion of the MEP area west of the storm water drainage ditch and that extends north and south in the MEP area. The hazardous waste storage buildings were constructed in approximately 1997.

A portion of the southernmost shop bay in Building 470 had been used for spray painting. In 2005, this bay was converted to a storage area. Part of the conversion included placement of a raised concrete floor over the former concrete floor.

USAR personnel stated the Site has not had an operational indoor firing range.

Historical topographic maps and aerial photographs provide information about the Site and surrounding area. Figures 5, 6, and 7 present historical topographic maps dated 1951, 1971, and 1987, respectively. Figures 8, 9, 10, and 11 are aerial photographs of the Site and surrounding areas dated 1967, 1983, 1994, and 2007, respectively.

Pertinent observations on the USGS topographic maps are summarized below.

- **1951 (Figure 5).** This figure depicts a road on the Site that extends from Roberts Boulevard to the approximate location of Sanitary Landfill #2. Indications of trenches can be seen at the terminus of the road. The map also shows a small building on the Site, in the approximate location of Building 572. A circular road is near Roberts Boulevard.
- **1971 (Figure 6).** No road extends across the Site, but the trench locations are indicated. The circular road near Roberts Boulevard is present.
- **1987 (Figure 7).** In this figure, Buildings 470 and 572 are visible. No roads are shown on the Site.

Pertinent observations on the historical aerial photographs are summarized below.

- **1967 (Figure 8).** The portion of the Site adjacent to Roberts Boulevard is a cleared rectangular area with no structures. The present-day MEP area is also cleared and has no structures, but some vegetation is visible on this portion of the Site. Fort Chaffee buildings to the north-northeast across Roberts Boulevard, the pesticide handling center, incinerator stacks, and Arkansas Army National Guard facilities are present on adjacent properties.
- **1983, 1994, and 2007 (Figures 9 through 11).** On each of these figures, Buildings 470 and 572, and the VWR are visible (the VWR is outside the Site boundary drawn in on Figures 9 and 10). The 1983 photograph shows the MEP area as rectangular, without the additional land to the west. The 1994 and 2007 photographs indicate that the MEP area has been expanded to include the triangular portion of land on the west side. Fort Chaffee buildings on surrounding properties were similar to those present in 1967.

Available business directories including *Polk's City Directory* were reviewed by EDR. EDR's research included directories dated 1964, 1971, 1978, 1985, 1992, 2000, and 2007. In addition, the TEJV reviewed available Polk's city directories dated 1996, 2000, and 2004 at the Fort Smith Public Library. The Site's current address was not listed for any years reviewed. Neither Terry Street addresses nor Roberts Boulevard addresses beyond 720 were listed until 2000. In 2000, Building 470 was listed on Roberts Boulevard as occupied by U.S. Department of Army. In 2004, Building 470 was listed as occupied by U.S. Army Reserve. The only nearby listing on Roberts Boulevard was Fort Chaffee Canteen MWR at 1589 Roberts Boulevard in 2000 and 2004.

No historical Sanborn fire insurance maps were available for this Site.

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

#### **3.3.1 Past Use and Storage of Hazardous Substances**

Information related to the past use and storage of hazardous substances at the Site was compiled through review of available Site records, search of federal and state environmental databases, and interviews with USAR personnel.

Chemicals used and stored at the Site are associated primarily with vehicle and facility maintenance activities and janitorial services. Hazardous substances storage and use are associated with the shops, as well as other vehicle maintenance products, welding gases, batteries, and paints. Janitorial chemicals and building maintenance-related products are stored in the janitorial closet.

A 1997 chemical list for the Site indicated the following types of hazardous substances were present: adhesives, acids, cleaners, paint sealers, solvent for the parts washers, epoxy thinner, toluene, toluene-methyl isobutyl ketone mixture, acetylene, Freon, insect repellent, oxygen, nitrogen, wax, corrosion preventative compound, and welding rods.

Discussion with USAR personnel indicated that the storage locations of vehicle maintenance materials have generally been consistent with only a few changes over the years. The storage bay west of the tire bay was formerly used for painting, but was converted to a storage area after modification of the floor. Previously, the acid in batteries in the battery room was changed or topped off by USAR personnel, resulting in acid releases to the wood storage shelves and concrete floor. That practice has been discontinued and the spent batteries are now exchanged for new batteries.

A hazardous materials inventory of products at the Site in 2006 was being revised for 2007; a copy of the draft inventory is in Appendix D. USAR personnel indicated that the hazardous materials used in the past were similar to those currently at the Site.

#### **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 USAR personnel. According to USAR personnel and Site records, hazardous wastes have been disposed of occasionally and several spills of oil-related materials are known to have occurred at the Site. This section discusses releases related to the ECS #15 operations at the Site. Information pertaining to possible releases from historical use of a portion of the Site as a sanitary landfill is in Section 3.7.9.

According to USAR personnel and records, the Site is a Resource Conservation and Recovery Act (RCRA) conditionally exempt small-quantity generator (CESQG) of hazardous waste; that is, one that generates less than 100 kg of hazardous waste or 1 kg of acutely hazardous waste in a calendar month. The Site's USEPA identification number is ARR000005009.

The following list, compiled from records reviewed at the Site, provides examples of the types of wastes generated at the Site, but does not necessarily include all wastes generated for a particular year.

- 1998 waste records list the disposal of waste paint, non-friable asbestos, naphtha, coating, antifreeze, and paint-related wastes.
- 2001 waste records list the disposal of methyl ethyl ketone (MEK) and mineral spirits.
- 2004 waste records list the disposal of 5 pounds of cadmium and lead waste, 45 pounds of waste asbestos, empty and punctured gas cylinders, 6,800 pounds of oil, 5 pounds of waste aerosols, 80 pounds of waste flammable liquid (epoxy), 20 pounds of sealing compound, and 900 pounds of empty acetylene bottles containing asbestos.
- 2005 waste records list the disposal of 60 pounds of lead-containing waste, 55 pounds of chromium-containing waste, and 1,200 pounds of waste asbestos.

USAR personnel stated that current waste streams generated on the Site include 12 to 13 55-gallon drums of waste antifreeze per year, and two 55-gallon drums of used brake shoes (asbestos) per year.

Fluorescent bulbs and cardboard generated on the Site are recycled. Spent batteries are picked up by Exide when replacement batteries are obtained.

### **3.4 PAST USE, STORAGE, DISPOSAL, AND RELEASE OF PETROLEUM, OILS AND LUBRICANTS**

Information related to the past use and storage of POL at the Site was compiled through review of available Site records, search of federal and state environmental databases, and interviews with USAR personnel.

POL storage and use are associated with the shops. Discussion with USAR personnel indicated that POL storage locations have generally been consistent with only a few changes over the years. POL were once stored in a room that is now used as an arms vault. The POL were moved to the flammable materials storage buildings west of the maintenance shops.

Used oil and transmission fluid are stored in 600-gallon tanks in the POL waste storage buildings west of the maintenance shops. Safety-Kleen is the waste hauler that pumps out the used oil and recycles it offsite. Currently, two 55-gallon drums of crushed oil filters are generated at the Site per year.

### **3.5 PAST PETROLEUM RELEASES**

According to USAR personnel and Site records, several spills of oil-related materials are known to have occurred at the Site.

- A February 3, 1998, memorandum described two oil spill areas in the MEP area, one on the north (warehouse) side and one on the south (loading dock) side. The analytical data indicated the soil could not be landfilled, but had to be disposed of due to high concentrations of total petroleum hydrocarbons (TPH).
- A July 19, 2000, memorandum indicated that 55 gallons of used diesel was released inside one of the two waste POL storage buildings, and that the building had a cracked floor and side walls.
- A September 7, 2005, memorandum indicated that 2 gallons of hydraulic fluid were released onto the asphalt-paved area south of Building 572.
- A September 19, 2005, memorandum indicated that a pint of diesel fuel was released from a vehicle in the MEP area.

During the Site reconnaissance, an open excavation was present in the MEP area. The soil had been excavated because of a diesel fuel release from a vehicle. The released volume was unknown, but estimated at slightly greater than 5 gallons. The excavation was approximately 15 feet by 20 feet, and extended to a depth of about 2.5 feet. At slightly deeper than two feet, clay was encountered, possibly the cap for the former landfill. The excavated soil was being temporarily stored on plastic and was scheduled to be disposed offsite. Documentation obtained since the Site reconnaissance stated that approximately 27 cubic yards of contaminated soil had been disposed of in the Fort Smith landfill (Terracon Consulting, Inc., 2007). The documentation also contained laboratory analytical data that indicated that a composite soil sample from the sidewalls of the pit contained no detectable benzene, toluene, ethylbenzene, or xylenes, and had less than 100 parts per million of TPH. The excavation was backfilled with clean soil.

USAR personnel reported that for small oil stains in the gravel-covered MEP area, the soil is typically turned and mixed with enzymes to degrade the oil. For stains on pavement, an oil-dry absorbent material is used to pick up as much oil as possible, and then placed with other oil-related wastes, such as shop rags, for offsite disposal as a non-hazardous waste. For large stains not on paved areas, the 90<sup>th</sup> RRC is notified and the spill response actions follow their guidelines, which typically includes excavation of the affected area. USAR personnel indicated that the number of releases since 1982 requiring remediation is estimated at two, which includes the recent excavation.

During the Site reconnaissance, small oil stains were noted on the concrete floors of the warehouse and maintenance shops. An oil stain was observed on the asphalt by the entrance to the south POL waste storage building, in the area where used oil is transferred into the bulk used oil storage tank. Old (weathered) oil stains were observed on the asphalt paved area southwest of the warehouse and inside the berm of one of the POL waste storage buildings. No staining was observed on the ground around either POL waste storage building, or around the portable flammable storage buildings. No cracks in the floors or sidewalls of the POL waste storage buildings were visible.

During the Site reconnaissance, small oil stains were noted in the MEP area and many of the vehicles parked in the area had containers under them to catch drips. Staining of the concrete floor in the battery room in Building 470 and on the wood storage shelves appeared to have resulted from battery acid releases.

All of the stains noted during the Site reconnaissance are considered *de minimis*, based on their size and because most were on pavement. The stains southwest of Building 572 were on cracked asphalt and the stains in the MEP area were on gravel; however, the small quantity of oil that appeared to have been released each time is not expected to have impacted more than surface soil.

### **3.6 PAST BULK PETROLEUM STORAGE TANKS**

Based on a review of available Site records, a search of federal and state environmental databases, and interviews with USAR personnel, it does not appear that bulk petroleum underground storage tanks (USTs) have been used on the Site. Two 600-gallon aboveground storage tanks (ASTs) are on the Site. Both tanks are used for used oil storage and are inside permanent waste POL storage buildings constructed with concrete floors, 12-inch high curbs, metal walls, and metal roofs.

### **3.7 REVIEW OF PREVIOUS ENVIRONMENTAL REPORTS**

A review of Site records produced several applicable reports pertaining to the Site. The following subsections provide a brief summary of these reports. Copies of the reports, unless otherwise specified, are provided in Appendix D. Only pertinent sections of reports that addressed multiple sites are presented in Appendix D.

#### **3.7.1 Environmental Baseline Survey Report**

Engineering, Compliance & Construction, Inc. (ECCI) issued an *Environmental Baseline Survey* for the ECS #15 in March 2005. The EBS provides summary and general information about the Site. "In accordance with the ASTM Standard D 5746-98 for *Standard Classification of Environmental Condition of Property Area Types for Defense Base Closure and Realignment Facilities*," ECCI classified the Site as an ECP Area Type 3 Property. An ECP Area Type 3 Property is an area or parcel of real property where

release, disposal, and/or migration of hazardous substances has occurred, but at concentrations that do not require a removal or remedial response.

### **3.7.2 Asbestos Report**

An *Asbestos Building Survey* report dated January 1997 was prepared for the ECS #15 by the USAR. The report detailed the findings of an asbestos inspection and sampling event. One of the eight samples collected, a non-friable floor tile adhesive (mastic) from the library hallway, indicated it was asbestos-containing material (ACM) (defined as materials containing more than 1% asbestos by weight).

### **3.7.3 Oil-Water Separator Evaluation**

EnSafe Inc. performed an evaluation and issued an *Oil-Water Separator Evaluation* for the 90<sup>th</sup> RRC on May 5, 2000. The report stated that two OWSs were in use at ECS #15. A 15,000-gallon OWS was installed in 1982 to service an adjacent VWR that had no canopy or curbing to reduce storm water infiltration. A 5,000-gallon OWS was installed in 1982 to service the mechanic shop floor drains.

Each OWS was described as a concrete, two-chamber, rectangular vessel. Concrete weirs and baffles divided each OWS into a settlement chamber and a separation chamber. Each OWS discharged effluent to the Fort Chaffee sanitary sewer, which had been recently taken over by the City of Barling sanitary sewer system, which did not have a pretreatment ordinance at the time. No permit, monitoring, or reporting to the publicly owned treatment works (POTW) was required.

During the 2000 inspection, the VWR OWS settlement chamber contained approximately four feet of sediment. The mechanic shop floor drain OWS settlement chamber contained approximately three feet of sediment and four inches of sludge. EnSafe's report recommended the following: installing a valve on the floor drain system to prevent unauthorized discharges to the OWS and subsequently to the POTW; removing sediment from both settlement chambers; redesigning the wash rack by installing speed reducers/curbing; removing all liquid and sludge from both OWS and having the systems inspected and cleaned, if necessary; following up with the Barling Sanitary Sewer Department to ensure compliance with the sewer use ordinance, when written; establishing a schedule for routine sludge and oil removal; inspecting the OWS annually; and developing a site-specific written program that describes procedures and management practices to ensure compliance with the Clean Water Act.

Memorandums in the ECS #15 files by USAR personnel indicated that both OWS systems had been tested with dye and oil on July 7, 2004, and on May 16, 2005. The 2004 test did not indicate any problems, but the 2005 test showed that the VWR OWS was not functioning properly; a crack between the OWS wall and a baffle allowed oil to seep out without going through the normal separation process. The VWR and its OWS were shut down and have not been in use since, according to USAR personnel.

### **3.7.4 Engineering and Environmental Assessment**

A *USAR Facility Engineering and Environmental Assessment* report by the U.S. Army Facility Engineering Group, Little Rock Facilities Engineer Team #13 for the Site was conducted in April 2001. The report summary stated that all Site buildings were in good condition. The summary also stated that the Site did not have a spill prevention plan, but was required to have one.

### **3.7.5 Lead-Based Paint Report**

A *Lead-Based Paint and Ozone-Depleting Chemical Assessment and Management* report for the Site was prepared in 1994 by ETC Engineers, Inc. for the USAR. LBP was identified in three locations within Building 470: a pipe bollard in Room 118, a garbage can in Room 118, and the service center counter in Room 114. The report included diagrams of sampled areas, but no diagram specifically identifying the locations of the positive LBP samples.

### **3.7.6 Storm Water Pollution Prevention Plan**

A Storm Water Pollution Prevention Plan (SWPPP) developed by the U.S. Army Fort Chaffee Base Transition Team for Fort Chaffee, Arkansas, dated May 16, 1997, included the Site. The Plan identified five storm water outfalls from the Site: one west of Building 572, two north of Building 470 adjacent to the POV parking area, and two on the southeast side of the Site near the VWR. These locations were consistent with storm water outfalls observed during the Site reconnaissance.

The SWPPP stated that a 2.5-acre inactive and closed asbestos landfill is southwest of Building 542, shown on a plan figure as southwest of the intersection of Roberts Boulevard and Terry Avenue (where Building 572 is located). A second figure identified the ECS #15 structures as Buildings 470 and 542, but does not show the asbestos landfill location. The asbestos landfill was reported to be capped with two feet of clay.

### **3.7.7 Radon Report**

A *Radon Building Survey* report dated December 1998 was prepared for the ECS #15 by the USAR. The report stated that a radon survey was performed in Building 470 on December 16, 1998, and that radon levels greater than 4.0 picocuries per liter (pCi/L) were not measured during the survey.

### **3.7.8 Geophysical Survey, Landfill #2**

A *Draft Geophysical Survey, Landfill No. 2, Fort Chaffee, Arkansas* report, dated December 11, 1998 was prepared by IT Corporation; this report was also included as an appendix in the Site Investigation Report for the landfill (discussed in Section 3.7.9). The geophysical survey was conducted to provide insight into the likely presence and orientation of former burial trenches for a sanitary landfill in use in the 1940s and

early 1950s. A portion of the landfill underlies a portion of the ECS #15 property. Magnetic and electromagnetic terrain conductivity geophysical survey techniques were used. The data indicated the presence of buried ferrometallic debris and nonferrometallic conductive material. Three large anomalies and several small localized anomalies were identified from the survey data. The survey concluded that the typical trenching and backfilling operations evidenced at other Fort Chaffee landfill sites were not used here; instead, pit and backfill operations appeared to be the method of disposal.

### **3.7.9 Site Investigation, Sanitary Landfill #2**

*A Site Investigation Report, Sanitary Landfill #2 — Site FTCH-002, Volumes I and II*, dated May 2000, was prepared for the ECS #15 property by the U.S. Army Fort Chaffee Base Transition Team. The report described an investigation of the 4.6 acres formerly used as a sanitary landfill, from the 1940s until 1954. A portion of the landfill underlies the area now occupied by the ECS #15 MEP area.

The sanitary landfill reportedly contained eight 900-foot by 20-foot trenches oriented east-west. The trenches were excavated and backfilled with municipal waste in the 1940s and early 1950s. The total landfill width was approximately 225 feet. The depth of the landfill reportedly extends from approximately three to five feet below ground surface (bgs) to at least 16 feet bgs. The document stated that geotechnical borings drilled in 1979 and 1980 to obtain information for ECS #15 building construction indicated the presence of glass, lumber, paper, and incinerator residue wastes.

The document stated that the landfill contents had reportedly been excavated and relocated to an offsite landfill during construction of ECS #15. Borings drilled in the 1980s under Building 470 did not uncover any wastes under the building footprint. The site investigation focused on the areas adjacent to the footprint of the landfill to avoid disturbing potentially buried waste material which might still be present.

Nine surface and 17 subsurface soil samples were collected and analyzed, and 12 groundwater samples were collected from monitoring wells surrounding the landfill footprint. Samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), pesticides, organophosphate pesticides, herbicides, cyanide, sulfides, and 25 metals. Detected concentrations in soil were compared to then-current medium-specific screening levels (MSSLs) for residential and industrial soil, which are risk-based screening criteria. Detected concentrations in groundwater were compared to USEPA Safe Drinking Water Act Maximum Contaminant Levels (MCLs).

Detections in surface soil samples included 4,4-dichlorodiphenyldichloroethylene at concentrations below the applicable residential MSSL; acetone, 2-butanone, and toluene below the applicable MSSLs; methylene chloride slightly above the applicable residential MSSL but below the industrial MSSL; and metals. The metals concentrations were consistent with background levels, except copper, lead, mercury, and

sodium concentrations. Concentrations of metal constituents above background levels did not exceed residential MSSLS.

Detections in subsurface soil samples included acetone, benzene, methylene chloride, toluene, and xylenes, all at concentrations below the applicable residential MSSLS, and metals concentrations, except for sodium, consistent with background levels. Sodium was detected in two samples above the maximum background concentration. An MSSL has not been established for sodium.

Detections in groundwater samples included cyanide below the MCL, and 2-butanone slightly above the sample quantitation limit (no MCL had been established for this parameter). Thirteen metals were detected but all concentrations were below applicable MCLs.

The report concluded that impacts to surface soil, subsurface soil, and groundwater in the area surrounding Landfill #2 were negligible. The concentrations of metals and VOCs detected were at levels that do not pose an unacceptable risk to human health and the environment. No further action was recommended.

### **3.7.10 USEPA Superfund Record of Decision**

As part of the transition of Fort Chaffee property to other uses, the U.S. Army was identified as the lead agency for CERCLA response actions. The U.S. Army Fort Chaffee Base Transition Team was the onsite agency responsible for response actions. The ECS #15 property was one of multiple Fort Chaffee sites that at some point had been included in lists of sites with a potential to require a response action under CERCLA, and was therefore included in further investigation by the U.S. Army Fort Chaffee Base Transition Team.

*A Record of Decision for 19 No Further Action Group III Environmental Sites, Fort Chaffee, Arkansas, dated December 13, 1999, included Site Building 470 as FTCH 21F, one of six building locations in the Group III investigation area of Fort Chaffee identified as a hazardous waste accumulation point for aboveground storage of vehicle maintenance fluids or paint wastes. The Superfund Record of Decision (ROD) stated that surface soil, subsurface soil, and groundwater samples were collected from each of the six building locations in September 1997. The samples were analyzed for VOCs, SVOCs, and metals. The ROD indicated that no VOCs or SVOCs were detected in the soil samples collected from the Building 470 location, that the metal concentrations detected were consistent with background concentrations or below residential screening levels and that groundwater was not impacted.*

Based on the investigation findings, the ROD concluded that the Site did not present unacceptable risk to human health and the environment, and no CERCLA-related restriction on land use was required.

#### 4.0 ADJACENT PROPERTIES

Figure 11 in Appendix A provides an aerial photograph of the Site and adjacent properties. To the north and northeast, the Site is bounded by Roberts Boulevard and then former Fort Chaffee property. Some of the Fort Chaffee property is unoccupied, but a portion of the property is now occupied by Blake Construction. To the southeast is an Arkansas Army National Guard vehicle maintenance facility, which includes Buildings 458 and 460 as well as a VWR. To the south and west of the Site and northwest of the MEP area are woods and fields. North of the MEP area and west of Building 572 are an unoccupied building which once housed a pesticide handling center, and two inactive incinerator structures; these structures were previously part of Fort Chaffee and are in the Excess Area, land which has been transferred to the Fort Chaffee Redevelopment Authority. Further north-northwest of the Site, across Roberts Boulevard, is St. Mary's Cemetery (listed on some historical maps as Roberts Cemetery).

Appendix A provides historical aerial photographs and topographic maps and Appendix E presents an environmental data report that was used to evaluate potential environmental impacts from adjacent and nearby properties that may have also impacted the environmental conditions at the Site. Fort Chaffee is listed in the environmental database search report as a DoD facility. Additional information associated with specific Fort Chaffee facilities near the Site with potential environmental issues is presented in Section 5.

Land use at some of the properties adjacent to the Site has changed significantly over the years. The former pesticide handling center and the former incinerators are no longer in operation. The former motor pool and the fuel depot to the northeast across Roberts Boulevard are no longer in service. Tanks for the fuel depot were not observed on the property and are believed to have been removed. The cemetery to the north-northwest across Roberts Boulevard once also had a swimming pool, as shown in the 1951 topographic map. The 1951 topographic map also depicts the symbol for mining or a quarry west of the Site.

The Arkansas Army National Guard facility to the southeast, the cemetery to the north-northwest across Roberts Boulevard, and the woods and fields to the south and west appear to have been unchanged since at least 1951.

## 5.0 REVIEW OF REGULATORY INFORMATION

A component of the ECP is the review of all reasonably obtainable federal, state, and local government records for the Site and surrounding properties where there has been a release or likely release of any hazardous substance or petroleum product and that are likely to cause a release or threatened release of any hazardous substance or petroleum product on the federal real property. An environmental database summary was obtained from EDR on May 4, 2007. The environmental database summary consolidates standard federal, state, local, and tribal environmental record sources based on ASTM D 6008-recommended minimum search distances from the Site. A copy of the complete EDR report is included in Appendix E.

There were no environmental permits issued for the Site.

Available information on potential impacts to the Site was assessed. TEJV personnel interviewed local authorities and reviewed reasonably accessible USAR environmental documents, Arkansas Department of Environmental Quality (ADEQ) files, and historical aerial photographs and maps to investigate environmental conditions at the Site and surrounding area. TEJV personnel also reviewed several documents pertaining to environmental investigations of portions of Fort Chaffee, because the Site is surrounded by former Fort Chaffee properties. These documents are in Appendix D and include:

- *Record of Decision for 15 Sites (No Further Action Group II Sites), Fort Chaffee, Arkansas, and Record of Decision for Three Sites (No Further Action Group I Sites), Fort Chaffee, Arkansas, dated May 13, 1999*
- *Record of Decision for 19 No Further Action Group III Environmental Sites, Fort Chaffee, Arkansas, dated December 13, 1999*
- *Record of Decision for Five No Further Action Group III-D Environmental Sites, Fort Chaffee, Arkansas, dated February 8, 2000*
- *Record of Decision for Two No Further Action Group V Environmental Sites, Fort Chaffee, Arkansas, dated September 9, 2002*
- *Record of Decision for Two No Further Action Group VI Environmental Sites, Fort Chaffee, Arkansas, dated April 2003*
- Letter dated February 25, 2004, from the USEPA to the Fort Chaffee Redevelopment Authority regarding a Ready for Reuse Determination for portions of the former Fort Chaffee property.

The TEJV conducted interviews with USAR personnel to discuss general environmental interest and specific areas of interest identified during the records review and visual reconnaissance. Copies of the interview reports are included in Appendix D.

Section 9.0 of this report identifies the individuals interviewed with respect to conditions and operations at the Site. The interviews included topics of general environmental interest and specific areas of interest identified during the records review and visual Site reconnaissance. Pertinent information from these interviews is incorporated into this report.

## **5.1 FEDERAL ENVIRONMENTAL RECORDS**

### **5.1.1 Federal National Priorities List Sites within One Mile**

The National Priorities List (NPL) is a subset of the CERCLA Information System (CERCLIS) and identifies more than 1,200 sites for priority cleanup under the Superfund Program. NPL sites are targeted for long-term remedial action under CERCLA. According to the environmental database report, the ECS #15 is not an NPL site and there are no such sites within one mile of the Site.

### **5.1.2 Federal CERCLIS Sites within One-Half Mile**

CERCLIS contains data on hazardous waste sites and potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies, and persons, pursuant to Section 103 of CERCLA. CERCLIS contains sites that are either proposed to be or are on the NPL and sites that are in the screening and assessment phase for possible inclusion on the NPL.

CERCLIS No Further Remedial Action Planned (NFRAP) sites have been removed and archived from CERCLIS. NFRAP status indicates that, to the best of USEPA's knowledge, assessment at a site has been completed and that no further steps will be taken to list this site on the NPL, unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with the site; it means that, based on available information, the location is not judged to be a potential NPL site.

According to the environmental database report, the ECS #15 is not a CERCLIS or CERCLIS NFRAP site and there are no CERCLIS or CERCLIS NFRAP sites within one-half mile of the Site. However, multiple locations at Fort Chaffee have been investigated for their potential to require a response under CERCLA, including several locations within one-half mile of ECS #15. When Fort Chaffee was closed, portions of the Fort Chaffee property surrounding the Site were designated to be transferred for reuse. In preparation for transfer, the U.S. Army Fort Chaffee Base Transition Team investigated properties that had, at some point, been included in lists of sites with a potential to require a response under CERCLA. The properties were placed into Groups I through VI for the purposes of the investigation. The findings of the investigations were summarized in several ROD documents. TEJV personnel reviewed as many of the ROD documents as were readily available.

Properties within one-half mile of the Site that were in ROD documents include the following:

- FTCH-002, landfill portion of the Site, discussed in Sections 3.7.8 and 3.7.9
- FTCH-021F, the Site, discussed in Section 3.7.10

### **Groups I and II**

- FTCH-010, Former Electrical Transformer Storage Area, Building 460. The property was a paved area along the railroad tracks east of Building 460 (which is one of the Arkansas Army National Guard buildings on the adjacent property southeast of the Site). Electrical transformers and miscellaneous drums were stored under temporary cover while awaiting disposal. No spills or releases from the area are known. Several soil sampling events were conducted from 1988 through 1998. The sampling results indicated the presence of coal tar constituents, believed to be associated with the asphalt pavement and treated railroad ties. No PCBs were detected.
- FTCH-014, Used Oil Storage Tank on the north side of Roberts Boulevard east of Terry Avenue (north of the Site across Roberts Boulevard). A 10,000-gallon AST was in use from 1987 until 1995 for storage of used oil from maintenance activities. The tank was on an asphalt-lined concrete slab inside a concrete containment curb. One spill of approximately 80 gallons of oil outside the containment area was reported in October 1989 and addressed with absorbents and temporary berms. Soil sampling in 1997 from two locations indicated the presence of naphthalene and 2-methylnaphthalene in one sample, at concentrations below the residential screening level for naphthalene. The AST was removed on April 22, 1999.
- FTCH-015, PCB Storage Facility, in the former Building 426 on the southwest corner of Ellis and Pritchard Avenue (approximately 1,500 feet northeast of the Site). This building was used for electrical transformer storage prior to disposal from 1987 to 1988, after storage at the FTCH-010 area was discontinued. Transformers suspected of containing PCBs were stored in drip pans in a bermed area. Drums and lithium batteries were also stored temporarily. No spills or releases from this area are known. Five soil samples were collected in 1997 from drainage areas surrounding the slab and from under the lab. PCBs were not detected.
- FTCH-024, Paint Shop Waste Storage Area, in Building 416, east of the intersection of Roberts Boulevard and Terry Street (north of the Site across Roberts Boulevard). A 55-gallon drum was used to collect waste paint and thinner from the early 1980s until 1988. When the drum was full, it was removed for disposal and replaced with a new drum. Visibly contaminated soil was removed in 1988, when waste collection was discontinued. Soil samples were collected in 1997 and 1998, and analyzed for VOCs, SVOCs, and metals. Lead and cadmium were present at concentrations higher than background but below residential screening levels. Benzo(a)pyrene was detected slightly above the quantitation limit in 1997 but not in 1998.

- FTCH-025, Troop Medical Clinic Silver Recovery Unit, in Building 130 (approximately one-half mile northeast of the Site). Silver was recovered from photochemical solutions from 1985 to 1990, then the solutions were discharged to a sanitary sewer. The sewage lagoon sludge was sampled to assess whether the silver had been released to the sewer system. Elevated concentrations of silver were not detected in the sludge.
- FTCH-037, USTs at Buildings B260 and B263, 500 feet southwest of the intersection of Fort Smith Boulevard and Taylor Avenue (approximately one-half mile northeast of the Site). Building B260 housed four 1,130-gallon USTs and Building B263 housed one 600-gallon UST and three 3,000-gallon USTs. UST contents that could be determined were a mixture of water and petroleum. In 1991, all USTs were removed. Soil and groundwater samples collected in 1997 were analyzed for VOCs and SVOCs. No constituents were detected in excess of screening or ADEQ closure criteria.

### **Group III**

- FTCH-009, DDT (dichlorodiphenyltrichloroethane) Storage Area, Building 314 and surrounding lot, north of Roberts Boulevard and 70 feet west of Chaffee Boulevard (northeast of the Site across Roberts Boulevard). Excess DDT was stored in 55-gallon drums stacked on wood pallets from 1966 through 1979. Over time, the drums corroded and leaked, and DDT-contaminated surface soil and the drainage ditch behind Building 314. Cleanup actions included removal of the building, excavation and offsite disposal of contaminated soils, groundwater monitoring, confirmation sampling, and site restoration. The site was remediated to below the USEPA residential screening level for DDT-contaminated soil. Post-remediation groundwater samples indicated concentrations below detection limits for pesticides except for one sample that contained DDT at the detection limit.
- FTCH-012, Hazardous Waste Satellite Accumulation Point, Building 262, east of the intersection of Taylor and Darby Avenues (approximately one-half mile northeast of the Site). Materials including waste solvents, oils, and used lead-acid batteries were stored here from 1942 to 1989. Subsurface and surface soil and groundwater samples were collected in 1997. Soil samples were analyzed for VOCs, SVOCs, pesticides, PCBs, petroleum hydrocarbons, and metals. Lead, zinc, and cadmium were detected at higher than background concentrations, but lower than residential screening levels. Chlorinated pesticides detected in surface soil samples were attributed to past pest control practices rather than a release. SVOCs detected in soil samples from the drainage ditch along the southern boundary were attributed to drainage from other areas or asphalt runoff; the SVOCs were below industrial screening levels. Analysis of groundwater samples for VOCs, SVOCs, petroleum hydrocarbons, and metals indicated no releases to the groundwater.

- FTCH-017, VWR Ditches, various ditches near the Site associated with multiple vehicle wash racks. OWSs installed at 18 VWRs in 1975 treated and discharged wash water into the installation sanitary sewer. The OWSs were removed in 1997 and 1998. The ditches were investigated in 1997 to assess the impact of possible wash water discharges on the ditches and the creeks into which they discharge. Soil and sediment samples collected were analyzed for VOCs, SVOCs, and 25 metals. No VOCs were detected; the sole SVOC detected was considered a laboratory artifact. Cadmium, lead, mercury, copper, and zinc in soil samples were elevated compared to background levels, but below residential screening levels. Arsenic, chromium, and nickel concentrations in sediment samples were above the screening criteria for probable effects levels for freshwater sediment. The presence of metals above the conservative screening levels for freshwater sediment was attributed to natural sources (such as metals in the shale formation underlying much of the area), Fort Chaffee activities, or other anthropogenic sources unrelated to Fort Chaffee activities. The metals concentrations in the creek sediments were not considered to pose an unacceptable risk to human health or the environment.
- FTCH-021A, Waste Oil Accumulation Point, Building 262 (approximately one-half mile northeast of the Site). A 600-gallon AST was used to store waste soil in this former vehicle maintenance shop. In 1997, surface soil, subsurface soil, and groundwater samples were collected and analyzed for VOCs, SVOCs, and metals. No VOCs or SVOCs were detected. Metals concentrations were consistent with background levels or below residential screening levels. Groundwater was not found to be impacted.
- FTCH-021B, Waste Oil Accumulation Point, Building 423 (approximately 500 feet north-northeast of the Site, across Roberts Boulevard). This maintenance shop had a drum storage area outside the building. In 1997, surface soil, subsurface soil, and groundwater samples were collected and analyzed for VOCs, SVOCs, and metals. No VOCs or SVOCs were detected. Metals concentrations were consistent with background levels or below residential screening levels. Groundwater was not found to be impacted.
- FTCH-021C, Waste Oil Accumulation Point, Building 421 (approximately 750 feet north-northeast of the Site). A waste oil and drum storage accumulation point, with drums stored inside and outside the building. In 1997, surface soil, subsurface soil, and groundwater samples were collected and analyzed for VOCs, SVOCs, and metals. No VOCs or SVOCs were detected. Metals concentrations were consistent with background levels or below residential screening levels. Groundwater was not found to be impacted.
- FTCH-023, Defense Reutilization and Marketing Service, Hazardous Waste Storage Area, Building 339 near the intersection of Taylor and Darby Avenues (approximately 1,500 feet northeast of the Site). This building contained a

temporary storage area for hazardous waste prior to disposal until 1994. No spills or releases were known for the area. In 1995 and 1998, surface soil samples were analyzed for VOCs, SVOCs, metals, pesticides, herbicides, and PCBs. VOCs, SVOCs, pesticides, and herbicides were detected in the 1995 surface soil samples, and attributed to routine application of pesticides and herbicides (with VOCs and SVOCs serving as carrier compounds), not a release from site-related activities. One 1998 surface soil sample contained lead above background levels; the source of the lead was believed to have been weathered lead-based paint from an exterior wall. SVOCs detected in 1998 samples are believed to be caused by remnants of asphalt from the parking lot. The 1998 soil samples also contained low levels of pesticides, believed to be related to routine pest control.

- FTCH-035, Buildings 145, 402 and 403, USTs. Building 145 is near the intersection of Chaffee Boulevard and Fort Smith Boulevard (approximately one-half mile northeast of the Site). This location was formerly the Post Exchange Service Station, and three fuel USTs were present. Buildings 402 and 403 were east of Terry Street between Roberts Boulevard and Darby Avenue, approximately 500 feet north-northeast of the Site. Building 402 had a diesel UST, and Building 403 had a gasoline UST. Both tanks were installed in 1955. Tanks at all locations were removed and soil excavation samples were collected and analyzed for VOCs, SVOCs, and gasoline and diesel constituents. Soil concentrations were below ADEQ screening criteria for petroleum. Groundwater samples were collected at Buildings 402 and 403. The sample results indicated that the groundwater petroleum concentrations were below ADEQ criteria for petroleum. ADEQ files indicated that a "No Further Action" (NFA) letter for those tanks was issued on December 7, 1998.
- FTCH-038B, Building 428 on the north corner of Roberts Boulevard and Ellis Street (northeast of the Site across Roberts Boulevard). A 12,000-gallon fuel UST was installed in 1945 and removed in 1991. In 1998, soil samples were collected and analyzed for VOCs, SVOCs, and gasoline and diesel constituents. Diesel constituents and five SVOCs were detected in one borehole near Ellis Street, at a depth of 7.5 to 9 feet bgs. The diesel hydrocarbons were below ADEQ screening levels for petroleum and the SVOCs were below residential screening levels, except for benzo(a)anthracene, which was slightly above the screening level. Based on the depth and concentration, this constituent was not considered to pose a risk for future residential use. ADEQ issued an NFA letter on August 13, 1998, for this facility.
- FTCH-042A, Pesticide Handling Area, Building 540 (west of Building 572 and adjacent to the Site). Pesticide storage and mixing was performed at this property since the late 1970s. Drums were stored in a secondary containment area and mixing occurred on concrete pads. No releases were reported. In 1998, surface and subsurface soil samples were collected near outside storage areas and drainage pathways. Groundwater samples were collected from monitoring wells.

No VOCs, SVOCs, PCBs, metals, or pesticides were detected in the samples above USEPA soil screening limits for residential exposure or above MCLs in groundwater. Metals concentrations were consistent with background concentrations. Chlorinated pesticides detected in soil samples were not detected in groundwater samples, indicating that these compounds have not migrated into groundwater. One groundwater sample contained the chlorinated herbicide dicamba, but this detection was not considered representative of a release.

### **Group V**

- FTCH-001, Sanitary Landfill #1, 31 acres between Roberts and Custer boulevards and east of Hari Cari Road (approximately 300 feet south of the Site). The landfill is comprised of a permitted trench area and four unpermitted trench areas (the unpermitted trench areas are west and southwest of the Site). The landfill consists of a series of parallel unlined trenches, approximately 20 feet wide, 10 feet deep, and up to 800 feet long. The trenches were used to dispose of sanitary and household solid wastes generated at Fort Chaffee from before 1954 until 1994. The permitted trench area was designated as a Class 4 landfill in 1990 to accept ACM from demolition of Fort Chaffee facilities. In 1998 and 1999, the landfill cap was inspected and repaired to meet ADEQ Solid Waste Division requirements. Groundwater samples collected indicated that only one SVOC was present above its MCL; the SVOC, bis(2-ethylhexyl)phthalate, which is a common plasticizer used in sampling equipment and is often a laboratory contaminant, and was attributed to laboratory contamination in this case. Metals detected in the groundwater above their MCLs were cadmium, nickel, and thallium; these metals were found in both upgradient and downgradient wells, so they were believed to not be released from the landfill. A soil-gas survey indicated that methane is present, but only within the boundaries of the landfill. Only the source area was identified as having the potential to present a risk to human health and the environment, and the risk is mitigated by the landfill cap. A CERCLA land use restriction is applied to this area to ensure protection of the landfill cover system.

### **Group VI**

- FTCH-013, Solid Waste Incinerator Slag Piles, 11 acres approximately 1,500 feet east of the intersection of Roberts Boulevard and Hari Cari Road (west of and adjacent to the ECS #15 MEP area). This area was used for the disposal of incinerator residue from the two nearby coal-fired incinerators, which operated from 1942 until approximately 1960. The area was investigated in 1999 and 2000. Constituents detected in the incinerator residue included arsenic, trichloroethylene, dioxin, benzo(a)pyrene, chromium, thallium, antimony, cadmium, and others. The concentrations associated with the constituents detected were evaluated based on an industrial land use scenario. The cumulative cancer risk for all chemicals detected was within the USEPA's acceptable risk range. The cumulative non-cancer risk for all chemicals under an industrial use scenario was below the USEPA's acceptable risk range. In contrast, both the cancer and non-cancer risk evaluations exceeded the residential use ranges. Groundwater samples contained

high levels of manganese (above a USEPA secondary guideline; there is no MCL for this constituent). This metal is believed to be naturally occurring based on the levels of manganese found in other wells across Fort Chaffee. Land use restrictions for industrial use only have been placed on this area.

- FTCH-045, Wood Dump Area, a 3.2-acre parcel southeast of the intersection of Roberts Boulevard and Hari Cari Road (adjacent to and west-southwest of the Site). This was a collection point for wood debris and a burn site for the wood until 1998. The area is co-located with FTCH-001 and overlaps FTCH-013. A portion of the area is covered with the FTCH-001 landfill cap. No adverse environmental impact was noted with respect to the wood dump.

As stated in the February 25, 2004, letter from the USEPA to the Fort Chaffee Redevelopment Authority, ADEQ, and USEPA Region 6 agreed that investigation and remediation of those portions of the Fort Chaffee property covered by Findings of Suitability to Transfer (FOSTs) I through IV have successfully been completed. The Ready for Reuse determination acknowledged that the environmental conditions on areas covered by FOSTs 1 through IV are protective of human health and the environment, subject to the specific environmental restrictions described in the letter.

TEJV personnel contacted USEPA Region 6 to discuss the status of the Ready for Reuse Determination for other FOST areas. USEPA personnel stated that the USEPA did not receive enough supporting documentation to allow this determination to be made for additional areas, as reflected in the USEPA's comments on the documents received. Additionally, the lack of determination did not mean that there are environmental issues remaining in the other areas, nor did it mean that the properties are not ready to reuse, only that the USEPA did not have sufficient documentation to support a Ready for Reuse determination. USEPA personnel also stated that such a determination by the USEPA is not required before transfer of the properties.

Based on the NFA determinations for all of the above properties and the concurrence of the USEPA and ADEQ with the majority of the determinations, these facilities do not appear to pose a potential environmental risk to the Site, provided the land use restrictions for FTCH-001 and FTCH-013 are maintained.

### **5.1.3 RCRA Corrective Action Sites within One Mile**

RCRA Corrective Action Sites (CORRACTS) represent facilities that have generated or managed hazardous wastes and require corrective action. According to the environmental database report, the ECS #15 is not a CORRACTS. No CORRACTS were identified within one mile of the Site.

#### **5.1.4 RCRA Transport, Treatment, Storage, and/or Disposal Facilities within One-Half Mile**

The RCRA Information Database (RCRAInfo), a national information system that supports the RCRA program through tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose (TSD) of hazardous waste, includes selective information on such sites. According to the environmental database report, the ECS #15 is not a RCRA TSD site and there are no such sites within one-half mile of the ECS #15.

#### **5.1.5 Federal RCRA Small- and Large-Quantity Generators List within One-Quarter Mile**

RCRA small-quantity generators (SQGs) are defined as facilities generating between 100 kg and 1,000 kg of hazardous waste per month, while a large-quantity generator (LQG) is defined as a facility generating more than 1,000 kg of hazardous waste, or over 1 kg of acutely hazardous waste, per month.

As discussed in Section 3.3.2, the ECS #15 is a CESQG that was once a SQG. The environmental database search report did not list the Site as a RCRA SQG but did identify it on the Facility Index System/Facility Registry System (FINDS) database. The FINDS database contains both facility information and 'pointers' to other sources that contain more detail. The Site is in the FINDS database because it is listed on RCRAInfo.

ADEQ file records (Appendix D) for the Site's USEPA ID number, ARR000005009 were reviewed. The records indicate that the Site was a SQG in 1998, then a CESQG from 1999 to present. Hazardous wastes disposed in 1998 included naphtha, coatings, ethylene glycol and monomethyl ether, and waste paint related material. No hazardous wastes were generated in 1999 or 2000, according to the ADEQ file records. Wastes generated in 2001 included MEK, paint, and aerosols.

No RCRA LQGs are within one-quarter mile of the Site, according to the EDR report. However, some of the Fort Chaffee properties identified in 5.1.2 may have been RCRA LQGs when active.

#### **5.1.6 Federal Emergency Response Notification System List**

The federal Emergency Response Notification System (ERNS) provides information on reported releases of oil and hazardous substances. According to the environmental database report, the ECS #15 is not listed on the ERNS List.

### **5.2 STATE AND LOCAL ENVIRONMENTAL RECORDS**

The regulatory information presented below was obtained from the environmental database report. Supplemental information was also provided from research at the ADEQ.

### **5.2.1 State-Registered Landfills or Solid Waste Disposal Sites within One-Half Mile**

According to the environmental database report, no solid waste landfills, incinerators, or transfer stations are within one-half mile of the ECS #15. However, as discussed in Section 3.7.9, there was formerly a solid waste landfill on a portion of the Site, and an incinerator facility to the northwest of the Site. As discussed in 5.1.2, the area designated as FTCH-001, approximately 300 feet south of the Site, was a sanitary landfill, and the area designated as FTCH-013, adjacent to the site on the west-southwest, was used to dispose of incinerator residue.

### **5.2.2 State-Registered Leaking UST Sites within One-Half Mile**

The Site is not listed in the state leaking UST (LUST) database. The environmental database report identified no LUST sites within one-half mile of ECS #15.

### **5.2.3 State-Registered UST Sites within One-Quarter Mile**

The environmental database report identified no state-registered UST sites within one-quarter mile of ECS #15. However, the ROD documents identified FTCH-035 and FTCH-037 as UST facilities within one-quarter mile of the Site, as discussed in Section 5.1.2.

### **5.2.4 State Hazardous Waste Sites within One Mile**

According to the environmental database report, no hazardous waste sites are within one mile of the ECS #15. The Site is not classified as a hazardous waste site.

### **5.2.5 State Closed Landfills within One-Half Mile**

According to the environmental database report, no closed or abandoned landfills have been identified within one-half mile of the ECS #15. However, a portion of the Site is on a former sanitary landfill, as discussed in Section 3.7.9. Also, FTCH-001, on adjacent property south and west of the Site, is a former sanitary landfill, as discussed in Section 5.1.2.

### **5.2.6 State AST Sites within One-Quarter Mile**

The environmental database report did not list ASTs at the Site or within one-quarter mile of the Site. However, as discussed in Section 5.1.2, two former AST sites are within one-quarter mile of the ECS #15, both near the corner of Roberts Boulevard and Terry Avenue. The AST facilities are designated FTCH-014 and FTCH-038B.

### **5.2.7 State Spills Incidents**

According to the environmental database report, the ECS #15 is not listed on the Arkansas spills database.

### **5.2.8 State Sites with Institutional and Engineering Controls within One-Half Mile**

Institutional controls include administrative procedures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post-remediation care requirements intended to prevent exposure to contaminants remaining onsite. 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.

According to the environmental database report, no state-registered sites with institutional or engineering controls are within one-half mile of the ECS #15. However, as discussed in Section 5.1.2, the Fort Chaffee property designated as FTCH-001 (Sanitary Landfill #1) was closed in accordance with ADEQ Solid Waste Division guidelines and does have a CERCLA land-use restriction applied to ensure the continued protection of the landfill cover system. The Fort Chaffee property designated as FTCH-013 (Solid Waste Incinerator Slag Piles) has been restricted to industrial use only (no residential use allowed).

### **5.2.9 State Voluntary Cleanup Program Sites within One-Half Mile**

There are no State Voluntary Cleanup Program sites with one-half mile of the ECS #15. According to the environmental database report, the ECS #15 is not listed on the Voluntary Cleanup Program list.

### **5.2.10 State Brownfields Program Sites within One-Half Mile**

Included in the listing are brownfields properties addressed by Cooperative Agreement Recipients and brownfields properties targeted by Targeted Brownfields Assessments. According to the environmental database report, no state-registered Brownfield Program Sites are within one-half mile of the ECS #15. According to the environmental database report, the ECS #15 is not listed on the brownfields list.

### **5.2.11 State Enforcement Sites**

According to the environmental database report, the ECS #15 is not listed on the enforcement list of permit violations.

### **5.2.12 State Poultry Sludge Permit Sites within One-Half Mile**

According to the environmental database report, there are no poultry sludge permit (Sludge) sites within one-half mile of the Site. According to the environmental database report, the ECS #15 is not listed on the Sludge list.

### **5.2.13 State Permit Data System**

According to the environmental database report, the ECS #15 is not listed on the state permit data system.

### **5.2.14 State Facility Emission and Stack Data Sites**

According to the environmental database report, the ECS #15 is not listed on the facility emission and stack list.

### **5.2.15 State Asbestos Notification of Intent Database Sites**

According to the environmental database report, the ECS #15 is not listed on the asbestos database.

## **5.3 TRIBAL ENVIRONMENTAL RECORDS**

According to the environmental database report, no designated Indian Reservations are within one mile of the ECS #15.

## **5.4 UNMAPPED SITES**

The environmental database search yielded three unmapped sites. Unmapped sites are those with address information sufficient only to identify as within the zip code of the target Site. Every effort was made to locate these sites while in the field, and to assess their relevance to this ECP Report. Further research was conducted by contacting ADEQ personnel, reviewing ADEQ files, and reviewing the ROD documents for information on Fort Chaffee properties. The three unmapped sites were estimated to be within the corresponding ASTM D 6008-recommended minimum search distance for the databases on which the sites are listed.

Building 145, with "Fort Chaffee" reported as the site address, is listed as a leaking storage tank facility. An EDR Site Report obtained for this facility stated that an apparent release from piping or a coupling from an UST to a pump was discovered on April 21, 1989, when free product was noted seeping through cracks in the concrete. The pump was turned off and 30 square feet of concrete removed. An excavation was performed to determine the source of the leak. The soil was excavated and removed to the post landfill for aeration, and the piping replaced. An assessment was performed that indicated minor levels of contamination remaining in the soil. Based on the data, the State of Arkansas issued an NFA letter on January 6, 1997. This facility corresponds to FTCH-035, discussed in

Section 5.1.2. Building 145 was plotted near the intersection of Chaffee Boulevard and Fort Smith Boulevard, approximately one-half mile from the Site. The ROD described the facility as the former Post Exchange Service Station, stated that three fuel tanks had been present there, and reported the NFA letter of January 6, 1997.

Fort Chaffee — Site #14, Tank M43, and Fort Chaffee, Tanks M433, M434, M43 were both listed in the unmapped sites section as AST sites with Roberts Boulevard/Terry Avenue Corner as the addresses. The EDR Site Report obtained for Site #14 stated that one 10,000-gallon tank was permanently out of service, with a last-used date of April 22, 1999. This tank may correspond to the one described in FTCH-014, Section 5.1.2. The EDR Site report for tanks M433, M434, and M43 listed three 10,000-gallon tanks, all permanently out of service, with a last-used date of April 22, 1999. The site reports did not specify what the contents of the tanks had been.

Based on the sampling data, no further action rulings by ADEQ, and lack of further potential for environmental impact due to closure of the tanks, these facilities do not appear to pose a potential environmental risk to the Site.

## **5.5 SUMMARY OF PROPERTIES EVALUATED TO DETERMINE RISK TO SITE**

During review of environmental information summarized in this section, multiple databases and sites were reviewed to evaluate potential risks to the Site. Facilities identified as potential risks to the Site are detailed in Sections 5.1.2, 5.2.8, and 5.4. Based on an evaluation of available information and details concerning these facilities, they are considered “Low Risk” sites. No “High Risk” sites were identified. “High Risk” properties are those that exhibit significant environmental conditions that have the probability of adversely affecting the environmental conditions at the Site.

## **6.0 SITE INVESTIGATION AND REVIEW OF HAZARDS**

Findings documented in the following subsections are based on the May 3, 2007, Site and area reconnaissance, review of available Site records, and information obtained from USAR personnel.

### **6.1 USTs AND ASTs**

No USTs were noted on the Site. Behind each of the two shops is a permanent storage building, each of which houses a 600-gallon used oil AST. The buildings each have a 12-inch concrete berm, concrete slab floor, and metal sides. Used oil is transferred from the shops into the ASTs and stored until the tanks are pumped out.

### **6.2 INVENTORY OF CHEMICALS/HAZARDOUS SUBSTANCES**

At the time of the Site reconnaissance, hazardous materials, POL, and wastes were stored in the following locations:

- Three hazardous materials containers west of the Building 470 parts room store unopened one- and five-gallon containers of materials including glass cleaner, motor oil, grease, corrosion inhibitor, methanol, deicers, cleaning compounds, hydraulic fluid, high temperature oil, brake fluid, weapons cleaning fluid, antifreeze, coolant, lube oil, compressed gas (ether) for starting engine assemblies, and one container each of Freon 12, Freon 22, Freon 134, and Freon 502.
- Two flammable materials storage cabinets inside the supply room store one-gallon or smaller size containers of oils and vehicle maintenance products as well as charcoal lighter fluid.
- Three portable flammable storage buildings west of each maintenance shop stored: one had five-gallon containers of diesel; one had 55-gallon drums of used grease and hydraulic oil; and one had 55-gallon drums of new oil, antifreeze, and parts washer solvent.
- One waste POL storage building west of each maintenance shop; each POL waste storage building contains a 300-gallon tank for used oil, a tote for waste antifreeze, and a 55-gallon drum for waste brake fluid.
- Two flammable storage cabinets inside the Building 470 south maintenance shop, one for containers (one-gallon or smaller) of oil and vehicle maintenance materials and the other for spray paints and liquid touch-up paints in containers of one gallon or smaller.
- One flammable materials storage cabinet inside the north maintenance shop of Building 470 for oil and vehicle maintenance materials.

- POL drums, waste POL drums, and a parts washer inside each maintenance shop in Building 470; the POL and waste POL drums were in secondary containment.
- An oil filter crusher inside the south maintenance shop in Building 470.
- Battery acid in batteries in the battery storage room in Building 470.
- Compressed gases in the welding bay in Building 470.
- Two flammable materials storage cabinets inside Building 572, one for cleaning products and small (one gallon or less) containers of oil, the other for spray paints and paints in containers of one gallon or smaller.
- Unopened 55-gallon and 35-gallon drums of oil on pallets inside Building 572.
- A flammable storage building southwest of Building 572 on the asphalt pavement stores 5-gallon containers of diesel fuel.
- Two portable buildings near the MEP area store cylinders of compressed gases.
- Waste POL and waste antifreeze in 55-gallon drums under roof at the VWR.
- Bleach, soap, disinfectants, floor wax, isopropyl alcohol, and glass cleaner in the janitor's closet in Building 470, in containers of five gallons or smaller.

Discussion with USAR personnel indicated that POL and vehicle maintenance materials storage locations have generally been consistent with only a few changes over the years.

The hazardous materials inventory from third quarter 2006 was being updated at the time of the Site Reconnaissance. A copy of the 2006 inventory, with penciled notations of quantities stored on the Site in May 2007, is in Appendix D.

USAR personnel stated that pest control services are contracted as needed, and has only done so twice in the past 18 years. No termite treatment of the buildings has been performed, according to USAR personnel. Grounds maintenance is contracted to an outside vendor. As part of the grounds maintenance, herbicides are sprayed along the fence line of the property to mitigate the need for weed-eating. No other stressed vegetation was observed during the Site reconnaissance. No evidence of the storage or mixing of pesticides at the Site was noted during the Site reconnaissance.

During the Site reconnaissance, no noxious or foul odors were noted on the Site.

### **6.3 WASTE DISPOSAL SITES**

Wastes have been removed to offsite locations for disposal throughout the history of ECS #15. No evidence of illegal waste disposal activities was discovered or reported by USAR personnel during this ECP survey.

The SWPPP reviewed, which included multiple areas of the Fort Chaffee property, identified an ACM landfill southwest of what appeared to be Building 572 near the intersection of Roberts Boulevard and Terry Street. However, the building number provided did not correspond to Building 572. USAR personnel stated the ACM landfill was not at the Site, but located at some distance from Building 572 and the Site. The ROD document that described FTCH-001, Sanitary Landfill #1, indicated that the permitted trench area of this landfill had been designated a Class 4 landfill in 1990 to accept ACM from demolition of base facilities. The permitted trench area of Sanitary Landfill #1 is south of the MEP area, and is likely the ACM landfill mentioned in the SWPPP.

### **6.4 PITS, SUMPS, DRY WELLS, AND CATCH BASINS**

The sump under the VWR directs wash water to the OWS when the wash rack is functioning (it has been shut down since 2005 because the OWS requires repair). At the time of the Site reconnaissance, the VWR had been outfitted with a canopy and a curbing system to direct storm water runoff away from the OWS system.

Each maintenance shop in Building 470 has a grated central floor drain to collect oil and other fluids that may leak from vehicles. The floor drains are piped to the OWS north of Building 470. The grated drain in the tire bay is connected to the floor drain piping.

The sludge and liquid content of the chambers in either OWS were not gauged during the Site reconnaissance.

Floor drains are in the mechanical room, the janitor closet, and the restrooms. USAR personnel stated that the round floor drain in the south maintenance shop is piped into the OWS. The battery room floor drain was filled with concrete at least by 1989 and possibly earlier, according to USAR personnel.

No evidence of a spill or release associated with the Site's sumps or drains was identified during the Site reconnaissance.

### **6.5 ASBESTOS-CONTAINING MATERIAL**

An asbestos building survey of the Site identified nonfriable floor tile adhesive (mastic) from the library hallway in Building 470 as ACM (USAR, 1997). USAR personnel that participated in the asbestos survey stated the mastic was representative of the adhesive present on floor tile throughout the building, not confined to the library hallway only. During

the Site reconnaissance, it was noted that floor tile has been replaced in several locations throughout Building 470.

## **6.6 PCB-CONTAINING EQUIPMENT**

Three pole-mounted transformers (PMTs) are east of Building 470, outside the mechanical room. No record of the PMTs having been tested for PCB content was reviewed during this investigation. The EBS report (ECCI, 2005) stated that the PMTs were owned by Oklahoma Gas and Electric and they did not contain PCBs, based on verbal information provided by the owner. USAR personnel stated that one of the transformers had been replaced during the past few years. The transformers were observed to be in good condition during the Site reconnaissance.

## **6.7 LEAD-BASED PAINT**

A LBP survey of the Site identified LBP in Building 470 in the following areas: a pipe bollard in Room 118, a garbage can in Room 118, and the service center counter in Room 114 (ETC Engineers, Inc., 1994). Report documents included diagrams of sampled areas, but no diagram specifically identifying the locations of the positive LBP samples. USAR personnel stated that the service center counter had been replaced. The pipe bollard and garbage can in Room 118 that tested positive for LBP could not be identified during the Site reconnaissance.

## **6.8 RADON**

According to the USEPA, Sebastian County is in an area with low propensity for radon. The USEPA classifies Sebastian County as Radon Zone 3, which has average radon levels less than 2 pCi/L. The USEPA tested 63 sites in this county. The sites averaged 0.668 pCi/L in first floor living areas and 1.767 pCi/L in basement areas.

A radon survey performed in 1998 indicated no radon levels greater than 4.0 pCi/L were measured at the Site (USAR, 1998). The USEPA-recommended action level for radon is 4.0 pCi/L.

## **6.9 UNEXPLODED ORDNANCE**

The arms vault in Building 470 contains ammunition. No firing ranges have been on the Site and no ordnance is stored in other locations. The *Site Investigation Report, Sanitary Landfill #2 — Site FTCH-002, Volume 1* mentioned that blank ammunition had been unearthed during excavation for installation of a “dead man” post near the western edge of the MEP area (U.S. Army Fort Chaffee Base Transition Team, 2000). No record was found of unexploded ordnance in the landfill investigations. No indications were found during the Site reconnaissance or during the review of records to indicate the presence of munitions and explosives of concern at the Site.

## **6.10 RADIOACTIVE MATERIALS**

The ECS #15 stores equipment with sealed radioactive sources in a cabinet inside a locked caged area in Building 572. The equipment includes tritium compasses and chemical detection meters with Nickel-63 or Americium-241 sources. Signs and placards are posted near the caged area entrance. The radioactive materials contained in the meters are shielded and low-level sources.

Some of the chemical agent monitoring equipment with a low-level radioactive source is calibrated, maintained, and repaired in the electronics shop. According to USAR personnel, wipe testing has been traditionally employed in that shop to assess levels of radioactivity remaining after maintenance of equipment with Americium-241. USAR personnel stated that the Nickel-63 sources have such a low dosage of radioactivity that wipe sampling has not been required.

There is no evidence of the release of radiological materials at the Site and no radioactive waste is generated at the Site.

## **7.0 REVIEW OF SPECIAL RESOURCES**

### **7.1 LAND USE**

According to the City of Fort Smith zoning district map, the Site is in an area that is not zoned. The former Fort Chaffee property that was deeded to the Fort Chaffee Redevelopment Trust and is being developed as part of Chaffee Crossing is designated for Light Business/ Industrial use.

According to the Chaffee Crossing Land Use Map, land to the north, south, east, and west of the ECS #15 is also designated for Light Business/Industrial use, except a small portion of land to the northwest is designated for Parks/Open Space including wetlands and floodplain.

### **7.2 COASTAL ZONE MANAGEMENT**

There is no coastal zone management plan for Arkansas.

### **7.3 WETLANDS**

The Site is upland and well drained. According to the U.S. Fish and Wildlife Service National Wetlands Inventory map, no jurisdictional wetland areas are on the Site or adjacent properties. The nearest wetland is an area located approximately 2,500 feet to the south of the Site, associated with Little Vache Grasse Creek.

### **7.4 100-YEAR FLOODPLAIN**

The FEMA Flood Insurance Rate Map for the Site area, dated May 7, 2001, indicates that the Site lies outside the 500-year and 100-year flood plains.

### **7.5 NATURAL RESOURCES**

No survey for threatened and endangered species at this Site was reviewed during the course of this investigation. Information obtained from the Arkansas Heritage Program lists the following species in Sebastian County as endangered: the American burying beetle and the interior least tern. In addition, the Arkansas Heritage Program lists the bald eagle in Sebastian County as threatened but proposed for delisting, and the maple-leaved oak as a state threatened species (this designation is applied to native plant taxa believed likely to become endangered within the state of Arkansas in the foreseeable future). Due to its development, threatened and endangered species are not expected to be present on the Site.

## **7.6 CULTURAL RESOURCES**

No cultural resource assessment for the Site was reviewed during the course of this investigation.

## **7.7 OTHER SPECIAL RESOURCES**

There are no other known resources that could affect the Site.

## 8.0 CONCLUSIONS

The TEJV, under contract to the USACE Louisville District has prepared this ECP Report for the USAR ECS #15 (Facility ID AR014), at 11408 Roberts Boulevard in Fort Smith, Sebastian County, Arkansas. The ECS #15 encompasses 39.32 acres of land and has five permanent structures: Building 470, which includes administrative offices and vehicle maintenance shops; Building 572, a warehouse for storage of parts and equipment; a roofed, concrete-floored VWR (also known as Building 471); and two concrete-floored and bermed chemical storage buildings. The ECS #15 is staffed by civilians employed by the USAR, and is used for storage and maintenance of military vehicles and equipment.

Findings of this ECP are based on existing environmental information, including visual observations, Site records, and 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 Site. The following present the findings related to areas evaluated during the ECP process.

- **Hazardous Substances.** Chemicals containing CERCLA hazardous substances have been and are used and stored at the Site in amounts necessary to support vehicle maintenance activities. There is no evidence that the chemicals used or stored were improperly handled or disposed at the Site.

A portion of the MEP area was constructed over a former sanitary landfill. The materials reportedly placed in the landfill included municipal and solid waste, but not hazardous waste.

- **Past Petroleum Release.** Evidence of POL releases were noted in the form of staining on pavement and gravel-covered areas, and in memorandums documenting the current and previous releases of oils.
- **USTs/ASTs.** No evidence was found indicating USTs have been on the Site. Two 600-gallon ASTs are used for storing used oil. Each AST is on concrete pad inside a roofed and bermed POL storage building.
- **Non-UST/AST Petroleum Storage.** Petroleum storage areas include diesel inside flammable storage buildings west of the Building 470 maintenance shops and southwest of Building 572; in the waste POL storage buildings and flammable materials storage buildings west of the Building 470 maintenance shops; flammable storage cabinets inside each of the Building 470 maintenance shops; and in Building 572.
- **PCBs.** There are three PMTs on the east side of Building 470. The status of the transformers has been reported as non-PCB-containing (ECCI, 2005).

- **ACM.** An asbestos survey of the Site identified non-friable floor tile adhesive from the library hallway in Building 470 as ACM (USAR, 1997). According to USAR personnel, the floor tile adhesive was representative of the adhesive present on similar floor tile throughout Building 470.
- **Lead and LBP.** A LBP survey of the Site indicated three locations in Building 470 had LBP: a pipe bollard in Room 118, a garbage can in Room 118, and the service center counter in Room 114 (ETC Engineers, Inc., 1994). USAR personnel stated the service center counter in Room 114 had been removed.
- **Radiological Materials.** Radiological materials identified during the Site reconnaissance were limited to items stored in a locker in a caged area of Building 572, with placards and signs. Equipment with low-level radioactive sources are serviced in the electronics shop. Wipe tests are used as necessary to verify that no radioactivity remains in the shop after completion of servicing. There is no evidence of any release of radiological materials at the Site.
- **Radon.** A radon survey performed at the Site indicated all levels detected were less than 4 pCi/L (USAR, 1998). The USEPA-recommended action level is 4.0 pCi/L.
- **Munitions and Explosives.** No evidence was found during the Site reconnaissance or records review process of the past presence of munitions and explosives of concern.
- **Surrounding Properties.** Potential environmental sites of concern located within corresponding ASTM D 6008-recommended minimum search distances from the Site were evaluated. No "High Risk" sites were identified surrounding ECS #15. High Risk" properties are those that exhibit significant environmental conditions that have the probability of adversely affecting the environmental conditions at the Site. Land use at the adjacent properties does not appear to have impacted the environmental conditions of the ECS #15.

Areas of potential environmental concern were reviewed and the TEJV found the following concerns relating to the environmental condition of property. Part of the Site was constructed on a former landfill (Sanitary Landfill #2); stains observed on pavement and gravel covered areas, as well as memorandums documenting spills, indicate multiple small releases of oil products over multiple years; and adjacent/nearby properties have documented contaminants in soil and groundwater, including Sanitary Landfill #1 south of the MEP area, the incinerator disposal area west of the MEP area, and the pesticide handling center to the west-northwest of the Site.

In accordance with DoD policy defining the classifications (see S.W. Goodman Memorandum dated October 21, 1996), the Site has been classified as Category 3. 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.

## 9.0 REFERENCES

### ***PERSONS CONTACTED***

- Noel Bennett, USEPA Region 6, (214) 665-8514.
- Robert Dahlem, Maintenance Supervisor, ECS #15, (479) 484-2414. Meeting on May 3, 2007 and followup phone call.
- Chris Kinslow, USAR, 90<sup>th</sup> RRC, (501) 771-7303.
- Mikel Shinn, PG, ADEQ RST Technical Division, (501) 682-0989.
- Scott Woodland, Reference Section, Fort Smith Public Library, (479) 783-0229.

### ***RESOURCES CONSULTED***

- Arkansas Department of Environmental Quality, Little Rock, Arkansas, file review records.
- Arkansas Department of Environmental Quality Web page for regulated storage tank records at Web site <http://www.adeq.state.ar.us>.
- Arkansas Heritage Program Web page for rare species in Sebastian County, Arkansas at Web site [www.naturalheritage.com/program/element-search/default.asp](http://www.naturalheritage.com/program/element-search/default.asp).
- Chaffee Crossing Land use Map. Web site [www.chaffeecrossing.com](http://www.chaffeecrossing.com).
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- 
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  - ETC Engineers, Inc. *Lead-Based Paint and Ozone Depleting Chemical Assessment and Management.* January 1994.
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  - Sebastian County Clerk, Deed records. Fort Smith Courthouse, 35 South 6<sup>th</sup>, Room 102, Fort Smith, Arkansas 72901, (479) 782-5065.
  - Sebastian County Tax Assessor, Urban Property Record Card — 2006 for the Site. Fort Smith Courthouse, 35 South 6<sup>th</sup>, Room 105, Fort Smith, Arkansas 72901, (479) 783-8943. Web site <http://www.sebastiancountyonline.com>.
  - Terracon Consulting, Inc. *Removal and Disposal of Petroleum Contaminated Soils at Fort Chaffee Building 470 Facility Located in Barling, Arkansas.* June 6, 2007.
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  - *Record of Decision for Two No Further Action Group VI Environmental Sites, Fort Chaffee, Arkansas.* April 2003.
  - Letter to the Fort Chaffee Redevelopment Authority re: Ready for Reuse Determination. February 25, 2004.
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***Agencies Contacted***

- Arkansas Department of Environmental Quality, Little Rock, Arkansas
- Fort Smith Public Library, Fort Smith, Arkansas
- Sebastian County Clerk, Fort Smith Courthouse, Fort Smith, Arkansas
- Sebastian County Tax Appraiser's Office, Fort Smith, Arkansas
- U.S. Department of Agriculture, National Resources Conservation Service
- U.S. Department of Agriculture, Farm Services Agency
- U.S. Environmental Protection Agency, Region 6

**Appendix A**  
**Figures**

**FIGURES**

Figure 1	General Site Location Map
Figure 2	Site Layout Plan
Figure 3	Building 470 Floor Plan
Figure 4	Building 572 Floor Plan
Figure 5	1951 Topographic Map
Figure 6	1971 Topographic Map
Figure 7	1987 Topographic Map
Figure 8	1967 Aerial Photograph
Figure 9	1983 Aerial Photograph
Figure 10	1994 Aerial Photograph
Figure 11	2007 Aerial Photograph
Figure 12	FEMA Flood Plain Map
Figure 13	Wetland Map

**Appendix B**  
**Site Reconnaissance Photographs**

**Appendix C**  
**Chain-of-Title Report and Deed Information**

**Appendix D**  
**Previous Environmental Reports**

## PREVIOUS ENVIRONMENTAL REPORTS

1. Arkansas Department of Environmental Quality, file review records.
2. Arkansas Department of Environmental Quality, regulated storage tank information.
3. Arkansas Heritage Program, information on rare species in Sebastian County.
4. Chaffee Crossing Land use Map. Web site [www.chaffeecrossing.com](http://www.chaffeecrossing.com).
5. Engineering, Compliance & Construction, Inc. *Environmental Baseline Survey*. March 2005.
6. EnSafe Inc. *Oil-Water Separator Evaluation*. May 5, 2000. (pertinent pages only)
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14. U.S. Army Reserve, 90<sup>th</sup> Regional Support Command. *Asbestos Building Survey, Equipment Concentration Site (ECS) 15, Fort Chaffee, Arkansas*. January 1997.
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19. U.S. Environmental Protection Agency. *Record of Decision for Two No Further Action Group V Environmental Sites, Fort Chaffee, Arkansas*. September 9, 2002.
20. U.S. Environmental Protection Agency. *Record of Decision for Two No Further Action Group VI Environmental Sites, Fort Chaffee, Arkansas*. April 2003.
21. U.S. Environmental Protection Agency. Letter to the Fort Chaffee Redevelopment Authority re Ready for Reuse Determination. February 25, 2004.

**Appendix E**  
**Regulatory Database Search Report and Site Reports**

**Appendix A**  
**Figures**

**FIGURES**

- Figure 1 General Site Location Map
- Figure 2 Site Layout Plan
- Figure 3 Building 470 Floor Plan
- Figure 4 Building 572 Floor Plan
- Figure 5 1951 Topographic Map
- Figure 6 1971 Topographic Map
- Figure 7 1987 Topographic Map
- Figure 8 1967 Aerial Photograph
- Figure 9 1983 Aerial Photograph
- Figure 10 1994 Aerial Photograph
- Figure 11 2007 Aerial Photograph
- Figure 12 FEMA Flood Plain Map
- Figure 13 Wetland Map



FIGURE 1  
 GENERAL SITE LOCATION MAP  
 ENVIRONMENTAL CONDITION OF PROPERTY  
 EQUIPMENT CONCENTRATION SITE (ECS) #15  
 FORT SMITH, ARKANSAS

REQUESTED BY: BRADY  
 DRAWN BY: WOOSLEY  
 DWG DATE: 07/16/07  
 DWG NO: 802978W181



G:\draw\802978W181\_PH45\_FIG 1\_SITE LOC\_FORT SMITH\_AR.dwg

MAP SOURCE:  
 U.S.G.S. 7.5 MINUTE QUADRANGLE  
 BARLING, AR 1995

Figure 2 redacted.

Figure 3 redacted.

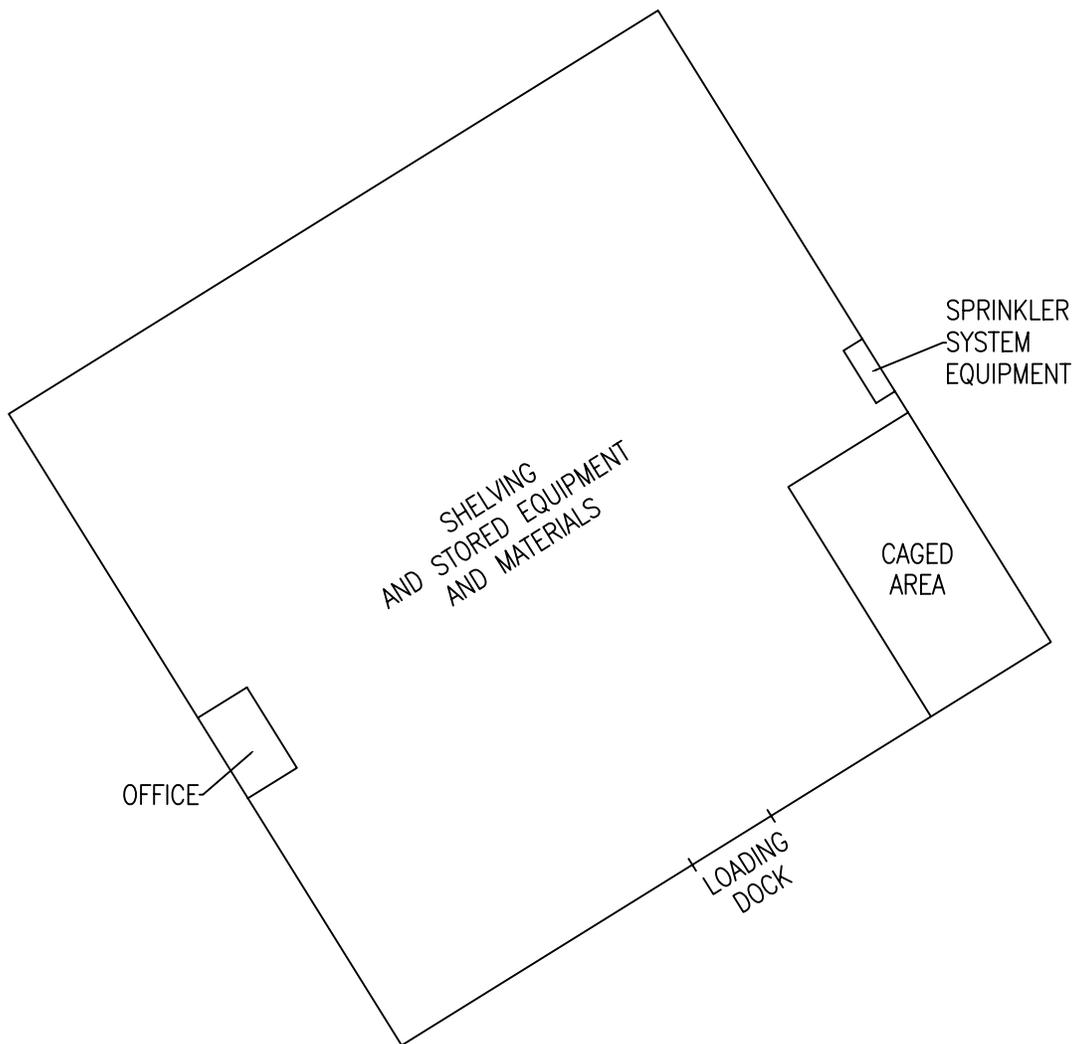
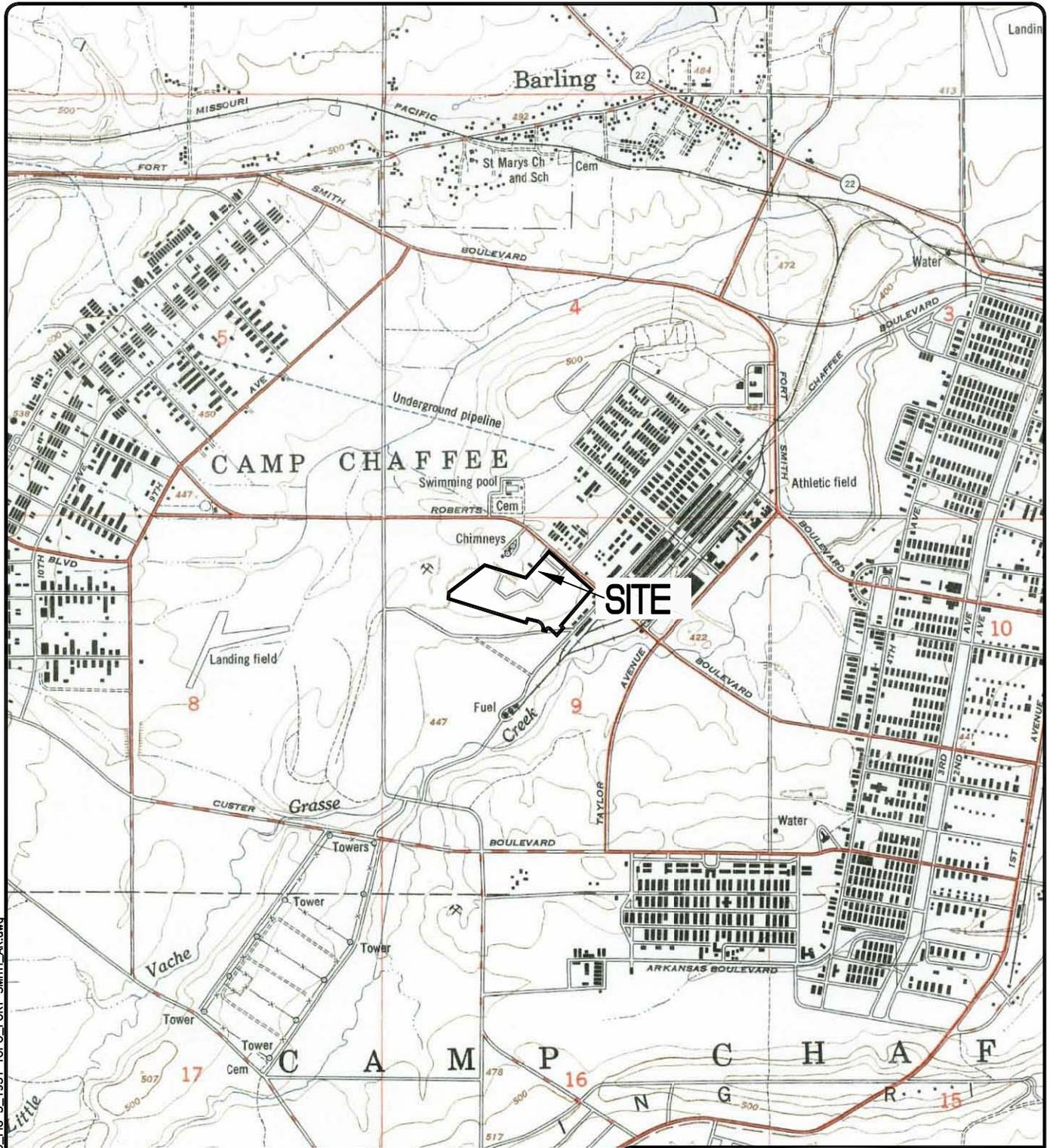


FIGURE 4  
BUILDING 572 FLOOR PLAN  
ENVIRONMENTAL CONDITION OF PROPERTY  
EQUIPMENT CONCENTRATION SITE (ECS) #15  
FORT SMITH, ARKANSAS

REQUESTED BY:	BRADY
DRAWN BY:	WOOSLEY
DWG DATE:	06/05/07
DWG NO:	802978W184

SCALE: 1"=50'





C:\draw\802978W186\_PH45\_FIG 5\_1951\_TOPO\_FORT\_SMITH\_AR.dwg



MAP SOURCE:  
U.S.G.S. 7.5 MINUTE QUADRANGLE  
ENVIRONMENTAL DATA RESOURCES, INC.  
BARLING, AR

FIGURE 5  
1951 TOPOGRAPHIC MAP  
ENVIRONMENTAL CONDITION OF PROPERTY  
EQUIPMENT CONCENTRATION SITE (ECS) #15  
FORT SMITH, ARKANSAS

REQUESTED BY: BRADY  
DRAWN BY: WOOSLEY  
DWG DATE: 07/16/07  
DWG NO: 802978W186



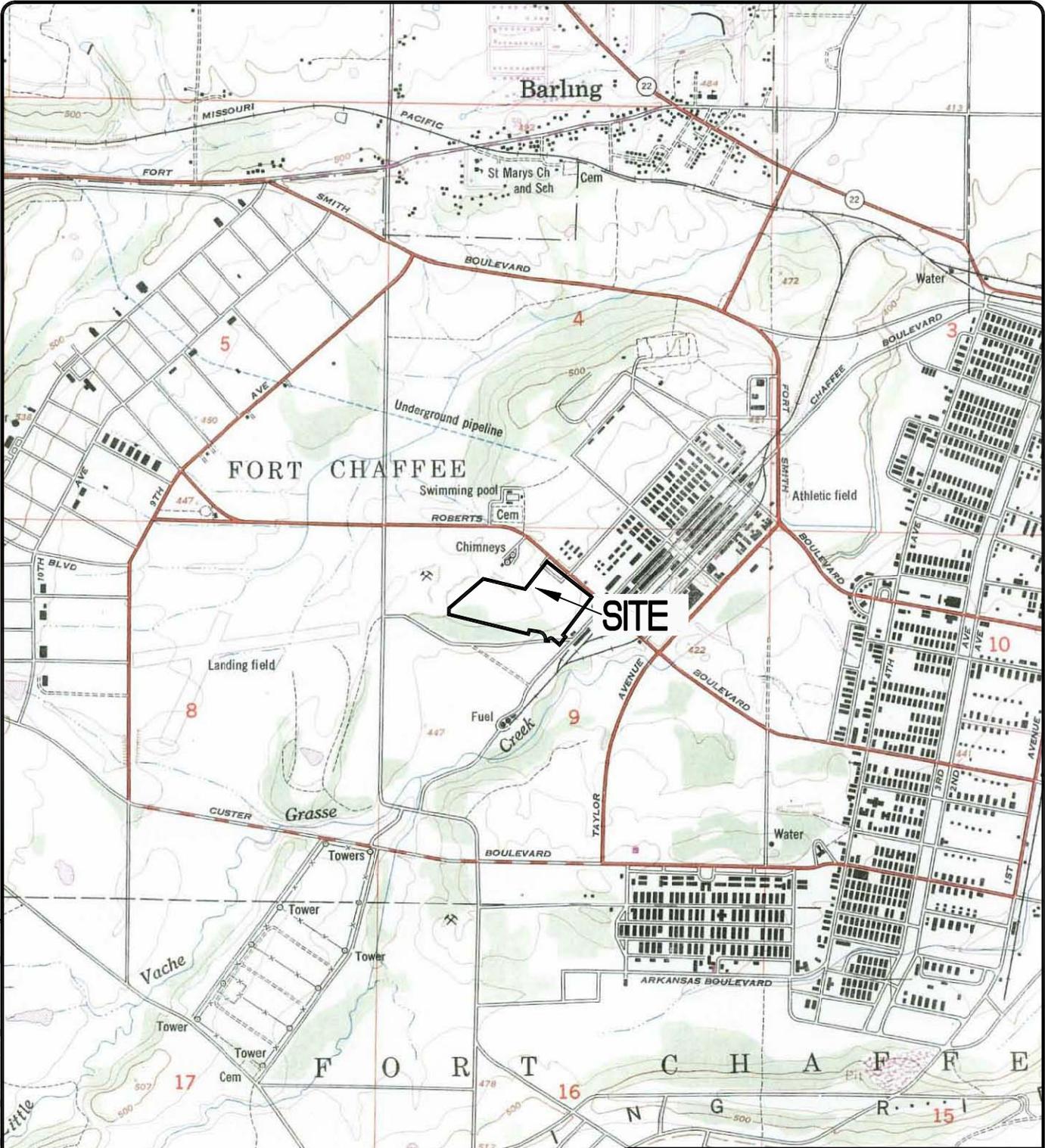
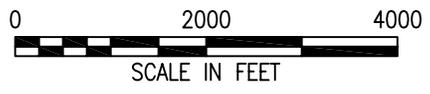


FIGURE 6  
 1971 TOPOGRAPHIC MAP  
 ENVIRONMENTAL CONDITION OF PROPERTY  
 EQUIPMENT CONCENTRATION SITE (ECS) #15  
 FORT SMITH, ARKANSAS

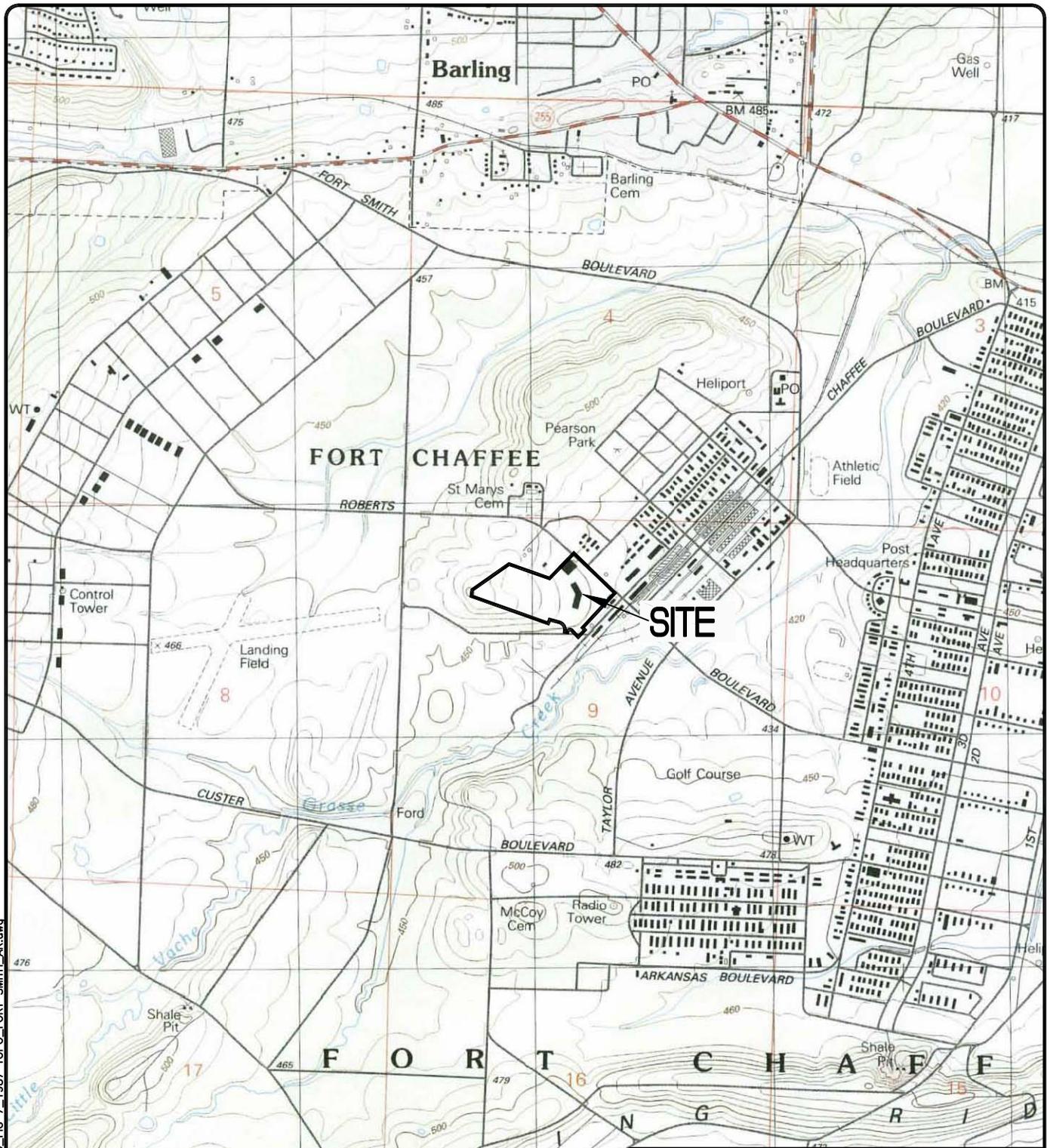


C:\draw\802978W187\_PH45\_FIG 6\_1971\_TOPO\_FORT\_SMITH\_AR.dwg

MAP SOURCE:  
 U.S.G.S. 7.5 MINUTE QUADRANGLE  
 ENVIRONMENTAL DATA RESOURCES, INC.  
 BARLING, AR

REQUESTED BY: BRADY  
 DRAWN BY: WOOSLEY  
 DWG DATE: 06/06/07  
 DWG NO: 802978W187





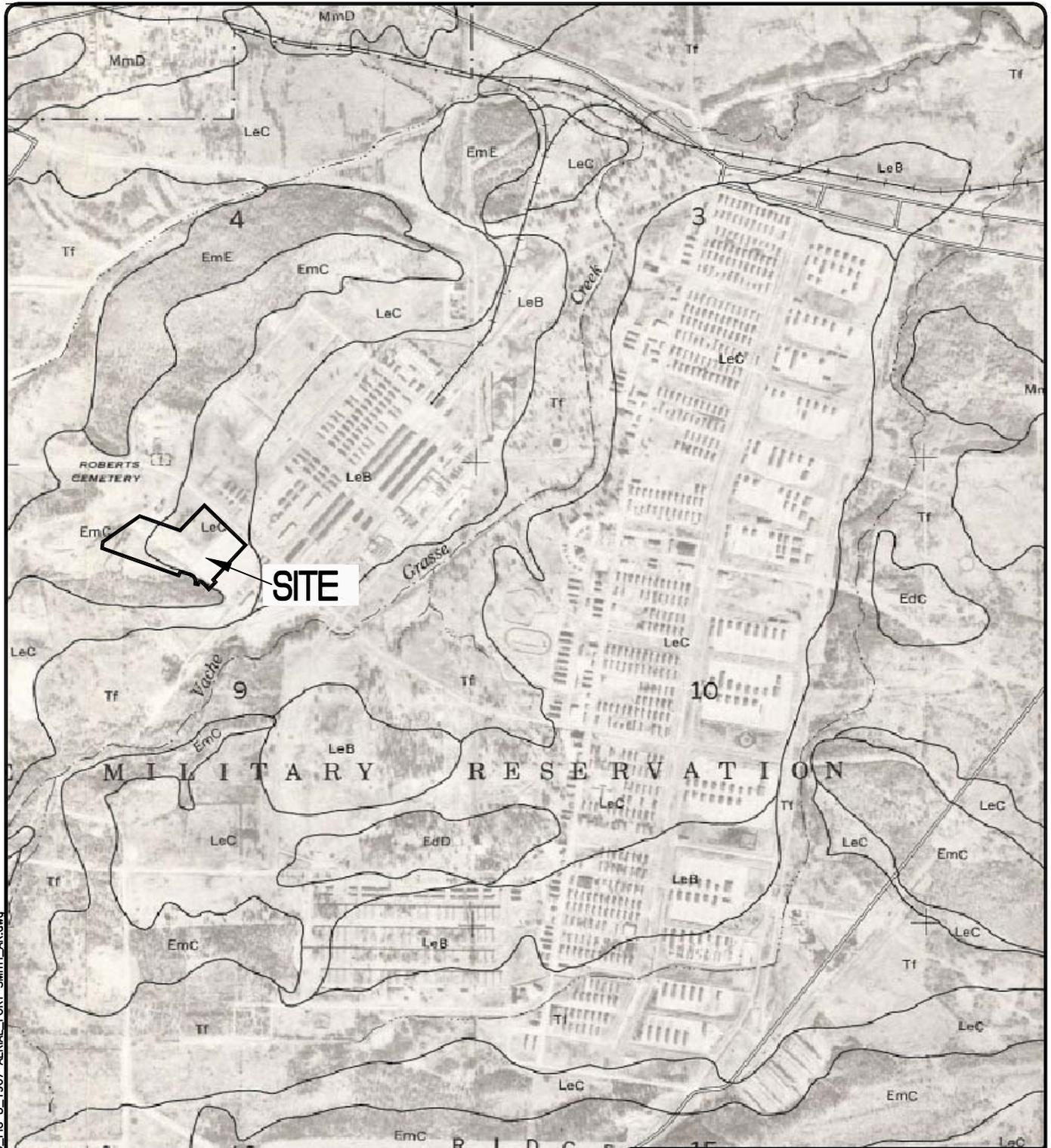
C:\draw\802978W188\_PH45\_FIG 7\_1987 TOPO\_FORT\_SMITH\_AR.dwg



**FIGURE 7**  
1987 TOPOGRAPHIC MAP  
ENVIRONMENTAL CONDITION OF PROPERTY  
EQUIPMENT CONCENTRATION SITE (ECS) #15  
FORT SMITH, ARKANSAS

REQUESTED BY: BRADY	 <p style="font-size: small;">B(a) joint venture</p>
DRAWN BY: WOOSLEY	
DWG DATE: 07/16/07	
DWG NO: 802978W188	

MAP SOURCE:  
U.S.G.S. 7.5 MINUTE QUADRANGLE  
ENVIRONMENTAL DATA RESOURCES, INC.  
BARLING, AR



NOT TO SCALE

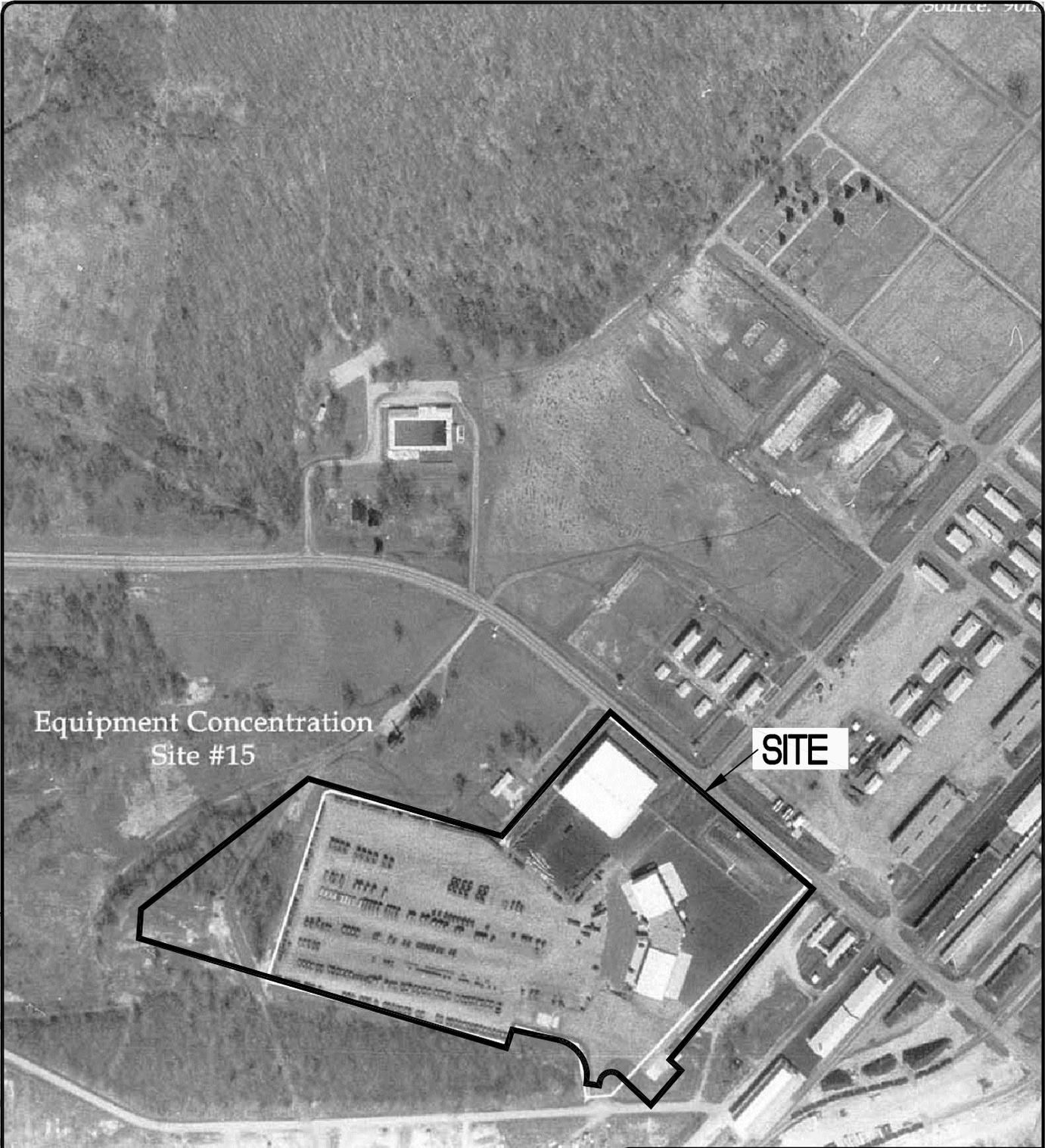
FIGURE 8  
 1967 AERIAL PHOTOGRAPH  
 ENVIRONMENTAL CONDITION OF PROPERTY  
 EQUIPMENT CONCENTRATION SITE (ECS) #15  
 FORT SMITH, ARKANSAS

REQUESTED BY: BRADY  
 DRAWN BY: WOOSLEY  
 DWG DATE: 07/16/07  
 DWG NO: 802978W189



MAP SOURCE:  
 U.S. DEPARTMENT OF AGRICULTURE  
 SOIL SURVEY OF SEBASTIAN COUNTY, ARKANSAS 1972  
 PHOTOBASE: 1967 AERIAL PHOTOGRAPH

C:\draw\802978W189\_PH45\_FIG 8\_1967 AERIAL\_FORT SMITH\_AR.dwg



Equipment Concentration  
Site #15

SITE

C:\draw\802978W190\_PH45\_FIG 9\_1983\_AERIAL\_FORT SMITH\_AR.dwg

NOT TO SCALE

MAP SOURCE:  
90TH REGIONAL READINESS COMMAND

FIGURE 9  
1983 AERIAL PHOTOGRAPH  
ENVIRONMENTAL CONDITION OF PROPERTY  
EQUIPMENT CONCENTRATION SITE (ECS) #15  
FORT SMITH, ARKANSAS

REQUESTED BY:	BRADY
DRAWN BY:	WOOSLEY
DWG DATE:	07/16/07
DWG NO:	802978W190



i:\PROJECTS--BST\0888802978\_enviro\BRAC\_data\802978W191\_PH45\_FIG 10\_1994\_AERIAL\_FORT SMITH\_AR.dwg



Equipment Concentration  
Site #15

**SITE**

NOT TO SCALE

MAP SOURCE:  
90TH REGIONAL READINESS COMMAND

FIGURE 10  
1994 AERIAL PHOTOGRAPH  
ENVIRONMENTAL CONDITION OF PROPERTY  
EQUIPMENT CONCENTRATION SITE (ECS) #15  
FORT SMITH, ARKANSAS

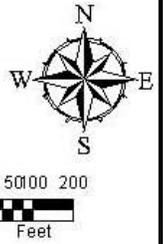
REQUESTED BY: BRADY

DRAWN BY: WOOSLEY

DWG DATE: 06/06/07

DWG NO: 802978W191





Map Legend	
Streets	
—	Private
—	Non-City
—	City Local
—	City Collector
—	City Arterial
—	AR Hwy
—	US Hwy
—	Int Ramp
—	Interstate
—	Streams
—	Water Bodies
—	City Limits

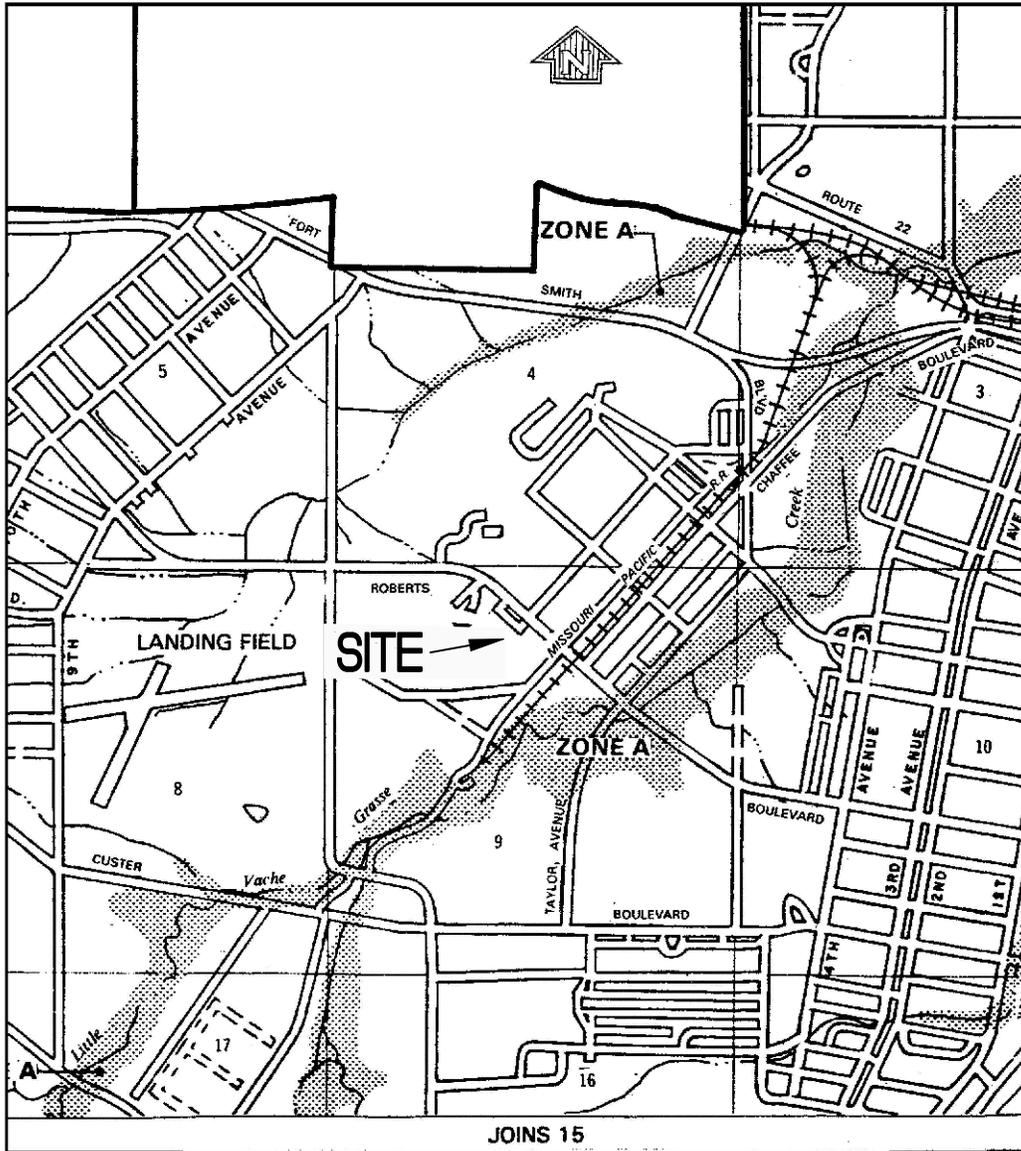
C:\draw\802978W185\_PH45\_FIG 11\_GIS\_MAP\_FORT SMITH\_AR.dwg

SOURCE:  
CITY OF FORT SMITH GIS DEPARTMENT

FIGURE 11  
2007 AERIAL PHOTOGRAPH  
ENVIRONMENTAL CONDITION OF PROPERTY  
EQUIPMENT CONCENTRATION SITE (ECS) #15  
FORT SMITH, ARKANSAS

REQUESTED BY:	BRADY
DRAWN BY:	WOOSLEY
DWG DATE:	07/16/07
DWG NO:	802978W185





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](http://www.msc.fema.gov)

MAP REVISED  
MAY 7, 2001

FEDERAL EMERGENCY MANAGEMENT AGENCY

## SEBASTIAN CO., AR (UNINC. AREA)

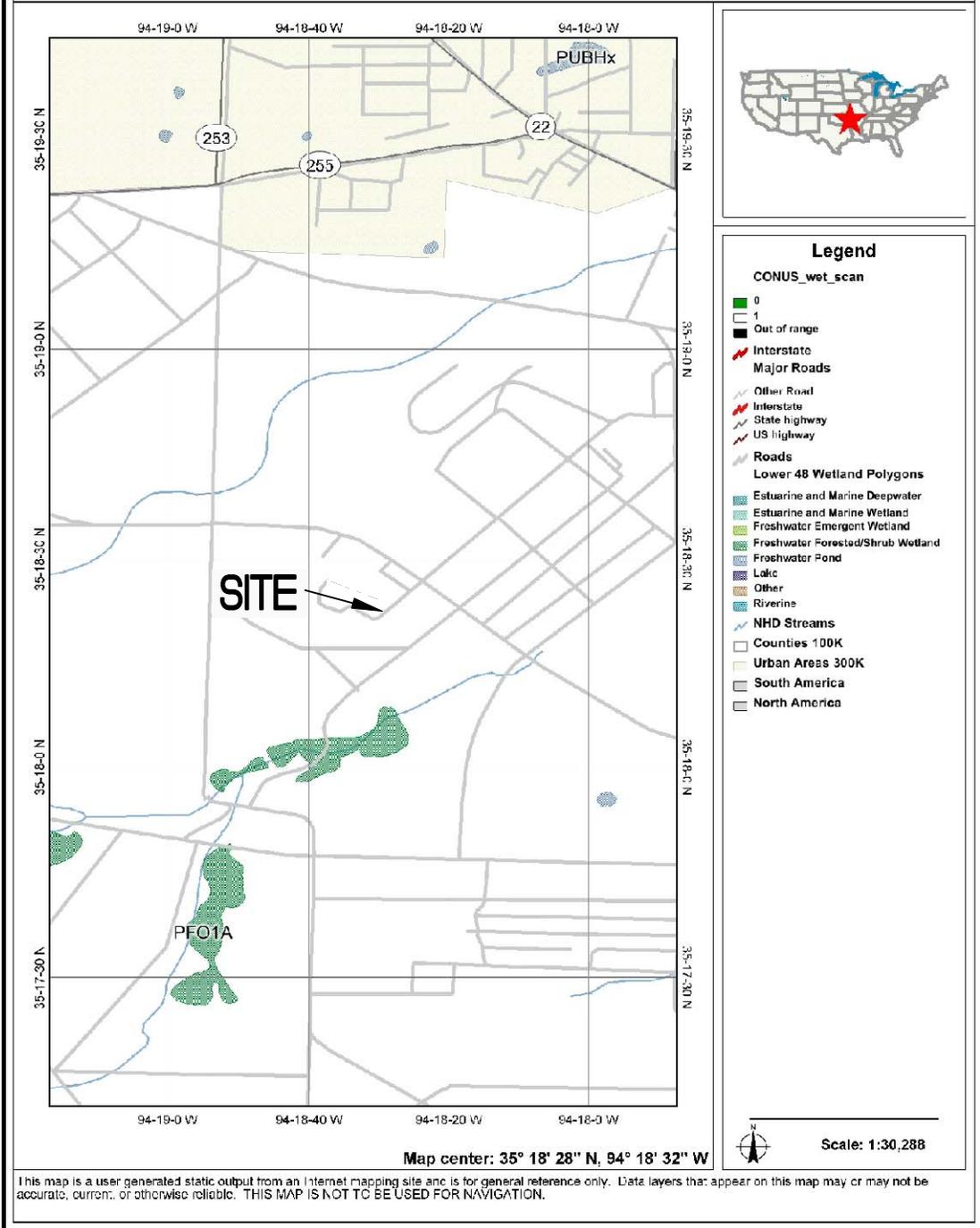
FIGURE 12  
FEMA FLOOD PLAIN MAP  
ENVIRONMENTAL CONDITION OF PROPERTY  
EQUIPMENT CONCENTRATION SITE (ECS) #15  
FORT SMITH, ARKANSAS

REQUESTED BY: BRADY  
DRAWN BY: WOOSLEY  
DWG DATE: 07/16/07  
DWG NO: 802978W194



SOURCE:  
FEDERAL EMERGENCY MANAGEMENT AGENCY

# ECP #15 Wetlands Map



C:\draw\802978W195\_PH45\_FIG 13\_WETLAND\_MAP\_FORT SMITH\_AR.dwg

SOURCE:  
U.S. DEPARTMENT OF THE INTERIOR

**FIGURE 13  
WETLAND MAP  
ENVIRONMENTAL CONDITION OF PROPERTY  
EQUIPMENT CONCENTRATION SITE (ECS) #15  
FORT SMITH, ARKANSAS**

REQUESTED BY: BRADY	 B(a) joint venture
DRAWN BY: WOOSLEY	
DWG DATE: 07/16/07	
DWG NO: 802978W195	

**Appendix B**  
**Site Reconnaissance Photographs**

**Equipment Concentration Site #15  
Fort Smith, Arkansas**



**Photo 1:** View from the northeast border of the Site looking to the southeast. Roberts Boulevard continues to the southeast past the railroad tracks.



**Photo 2:** Building 470 entrance to office areas, as viewed looking to the southwest. Maintenance shops are visible on the north and south sides of the building.

**Equipment Concentration Site #15  
Fort Smith, Arkansas**



**Photo 3:** Typical interior office space. Portions of the floor tile have been replaced throughout the building.



**Photo 4:** Break room in Building 470.

Photographs redacted.

Photographs redacted.

Photographs redacted.

**Equipment Concentration Site #15  
Fort Smith, Arkansas**



**Photo 11:** The southern shop has a floor drain that discharges to the oil-water separator.



**Photo 12:** Oil is stored in secondary containment within the shop.

Photographs redacted.

**Equipment Concentration Site #15  
Fort Smith, Arkansas**



**Photo 15:** A floor drain in the southern maintenance shop is connected to the oil-water separator piping.



**Photo 16:** Batteries are stored on wood shelves in the battery storage room. The shelves are stained with battery acid.

Equipment Concentration Site #15  
Fort Smith, Arkansas



**Photo 17:** The battery room floor drains are closed and the floor shows signs of battery acid stains.



**Photo 18:** The tire bay is on the southern end of Building 470.

**Equipment Concentration Site #15  
Fort Smith, Arkansas**



**Photo 19:** This storage area is on the southern end of Building 470 and was previously used for painting. A new floor was installed when the area was converted to storage.



**Photo 20:** An oil filter crusher is in the southern maintenance shop.

Photographs redacted.

**Equipment Concentration Site #15  
Fort Smith, Arkansas**



**Photo 23:** Oil transfer to the 300-gallon aboveground storage tank in the permanent POL building.



**Photo 24:** An oil stain on the concrete, near a pavement joint, under the oil container being drained into the 300-gallon AST.

Photographs redacted.

Photographs redacted.

**Equipment Concentration Site #15  
Fort Smith, Arkansas**



**Photo 29:** The northernmost maintenance shop has a grated floor drain trench.



**Photo 30:** Grease was stored in an open container in the northern maintenance shop.

**Equipment Concentration Site #15  
Fort Smith, Arkansas**



**Photo 31:** A parts washer in the northern maintenance shop was open.



**Photo 32:** Oil containers are stored over secondary containment.

Photographs redacted.

Photographs redacted.

Photographs redacted.

**Equipment Concentration Site #15  
Fort Smith, Arkansas**



**Photo 39:** An oil-water separator for both maintenance shops is north of the northern maintenance shop. The oil-water separator has an open grate that is covered with tarps to reduce rainwater infiltration.



**Photo 40:** The oil-water separator for the vehicle wash rack (VWR) is currently not in use.

Photographs redacted.

**Equipment Concentration Site #15  
Fort Smith, Arkansas**



**Photo 43:** Many vehicles in the MEP area have pans under them to collect oil drips.



**Photo 44:** The MEP area has a multi-level loading dock.

**Equipment Concentration Site #15  
Fort Smith, Arkansas**



**Photo 45:** A ditch crosses the MEP area to collect storm water runoff.



**Photo 46:** A gravel pile on the northwest side of the MEP area is used to replenish gravel in the area.

**Equipment Concentration Site #15  
Fort Smith, Arkansas**



**Photo 47:** The fence line is sprayed with herbicides to reduce the amount of lawn care.



**Photo 48:** A diesel release in the MEP area was remediated by removing the impacted soil. Confirmation samples were collected and the excavation was still open during the Site reconnaissance pending the receipt of sample results.

**Equipment Concentration Site #15  
Fort Smith, Arkansas**



**Photo 49:** The soil removed from the diesel release area in the MEP area is staged for offsite disposal.



**Photo 50:** One of three monitoring wells on the Site was installed as part of the landfill investigation activities. The fence behind the well encloses an outdoor equipment storage area for the warehouse.

Photographs redacted.

Photographs redacted.

Photographs redacted.

Photographs redacted.

**Equipment Concentration Site #15  
Fort Smith, Arkansas**



**Photo 59:** The loading dock for the warehouse has a grated storm water drain between the ramps.



**Photo 60:** A concrete swale southwest of the warehouse directs storm water from the asphalt paved area to a ditch on the northwest side of the warehouse.

**Equipment Concentration Site #15  
Fort Smith, Arkansas**



**Photo 61:** The ditch on the northwest side of the warehouse conveys storm water into ditches along Roberts Boulevard.



**Photo 62:** A concrete-paved storm water outfall on the south side of the Site discharges to the adjacent property to the southeast.

**Equipment Concentration Site #15  
Fort Smith, Arkansas**



**Photo 63:** Storm water from the asphalt paved area north of Building 470 discharges storm water to the north, and eventually into a ditch along Roberts Boulevard.



**Photo 64:** A storm water outfall on the north side of the Site conveys water into the ditch along Roberts Boulevard. Some erosion of soil near the POV parking area is visible.

**Equipment Concentration Site #15  
Fort Smith, Arkansas**



**Photo 65:** View to the north from the north property boundary. To the northeast of the Site are Roberts Boulevard and then structures formerly used by Fort Chaffee.



**Photo 66:** View to the northeast from the north property boundary. Across Roberts Boulevard are more Fort Chaffee structures.

**Equipment Concentration Site #15  
Fort Smith, Arkansas**



**Photo 67:** View to the east from the north property boundary. Some Fort Chaffee structures have been demolished and are being replaced by new construction.



**Photo 68:** To the southeast of the Site is another wash rack, used by the Army National Guard.

**Equipment Concentration Site #15  
Fort Smith, Arkansas**



**Photo 69:** View to the south from the MEP area southern boundary. Woods and fields are south of the Site.



**Photo 70:** View to the west from the west side of the MEP area. The land is not developed, but it may have been part of the former sanitary landfill.

**Equipment Concentration Site #15  
Fort Smith, Arkansas**



**Photo 71:** View to the north from the north boundary of the MEP area. The incinerator stacks are remnants of incinerators formerly used by Fort Chaffee.

**Appendix C**  
**Chain-of-Title Report and Deed Information**



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

## **HISTORICAL CHAIN OF TITLE REPORT**

**EQUIPMENT CONCENTRATION SITE #15  
11408 ROBERTS BOULEVARD  
BARLING, ARKANSAS**

**Submitted to:**

**ENSAFE INC.**  
525 Vine Street  
Cincinnati, Ohio 45202

**Attention: Jim Rathbone**

**Project No. N07-03708**

**Wednesday, May 23, 2007**

**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:

**FORT CHAFFEE REDEVELOPMENT TRUST**

The following is the current property legal description:

All that certain piece or parcel of land situated and lying in Section 9, Township 7 North, Range 31 West, of the 5th Principal Meridian, Sebastian County, State of Arkansas

Assessor's Parcel Number(s): 4001-0000-00706

## **1. HISTORICAL CHAIN OF TITLE**

### **1. DECLARATION OF TAKING**

RECORDED: 06/14/1943  
GRANTOR: County of Sebastian, Arkansas  
GRANTEE: United States of America  
INSTRUMENT: Civil Action No. 357

### **2. QUIT CLAIM DEED**

RECORDED: 11/20/2000  
GRANTOR: United States of America  
GRANTEE: Fort Chaffee Redevelopment Trust  
INSTRUMENT: 7030813

## **2. LEASES AND MISCELLANEOUS**

1. No leases were found of record

## **LIMITATION**

This report was prepared for the use of ENSAFE 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.

*Jean Sterling*



**QUITCLAIM DEED  
Economic Development Conveyance  
Phase One  
Ft. Chaffee Military Reservation**

**WHEREAS**, pursuant to the Defense Base Closure and Realignment Act of 1990 (DBCRA), PL 101-510, as amended and codified at 10 U.S.C. 2687, note (BRAC), the military installation known as the Ft. Chaffee Military Reservation, Arkansas (FCMR) was closed on September 30, 1997; and

**WHEREAS**, the Ft. Chaffee Redevelopment Authority (FCRA), acknowledged as the Public Trust for FCMR under Arkansas Code Annotated §12-63-103 and recognized as the local redevelopment authority for FCMR by the Office of Economic Adjustment on behalf of the Secretary of Defense, was granted the authority to oversee and implement the civilian reuse of the excess portion of FCMR, excluding the Retained Property, in accordance with a local-approved reuse plan; and

**WHEREAS**, the FCRA has made an application to the Army for a no-cost Economic Development Conveyance (EDC) under Section 2821 of the National Defense Authorization Act for Fiscal Year 2000 (Pub. L. 106-65); and Section 2905(b)(4) of the Defense Base Closure and Realignment Act of 1990 (part A of title XXIX of Public Law 101-510; 10 U.S.C. 2687 note) as amended; and

**WHEREAS**, the Army, as authorized by BRAC and implementing regulations, has determined that the FCRA's application meets the criteria for economic development, and job creation; and

**WHEREAS**, the Army and the FCRA have entered into a Memorandum of Agreement dated the 5<sup>th</sup> day of September, 2000 (hereinafter referred to as the "MOA") establishing the terms and conditions for an EDC of certain surplus portions of the FCMR property to the FCRA; and

**WHEREAS**, the MOA provides for the conveyance of the FCMR property in phases as Army mission requirements cease and environmental remediation is completed; and

**WHEREAS**, pursuant to the power and authority provided in Section 2905(b)(4) of the DBCRA and the implementing regulations of the Department of Defense (32 CFR Part 91), the Army has the authority to convey and does convey to the FCRA, pursuant to the terms and conditions of the MOA, the parcels of land at the FCMR as described in Exhibit A and Exhibit B and all of the improvements not otherwise excluded herein, located in the Counties of Sebastian and Crawford, State of Arkansas.

The foregoing Whereas paragraphs are hereby incorporated by reference as if fully set forth at length.

**NOW THEREFORE,**

**KNOW ALL MEN BY THESE PRESENTS** that the UNITED STATES OF AMERICA (the "GRANTOR"), acting by and through the Deputy Assistant Secretary of the Army (I&H) pursuant to a delegation of authority from the SECRETARY OF THE ARMY (the "Army"), under and pursuant to the Defense Base Closure and Realignment Act of 1990, Public Law 101-510, as amended, in consideration of the faithful observance of the conditions and restrictions herein and other good and valuable consideration as provided for in the MOA between the parties, receipt of which is hereby acknowledged, does hereby grant, remise, release, and forever quitclaim unto the Ft. Chaffee Redevelopment Authority (the "GRANTEE"), a body corporate and politic, and existing under the laws of the State of Arkansas, having its principal place of business at P.O. Box 11921, Fort Smith, Arkansas 72917, and its successors and assigns, all its right, title, and interest in and to the parcels of land, excepting and reserving all oil and gas mineral rights, located in the Counties of Sebastian and Crawford, State of Arkansas, at FCMR approximately 3,792.66 acres (hereinafter called the "Property"), constituting the first phase of the Economic Development Conveyance, more particularly described in Exhibit A and Exhibit B and as shown on Exhibit C attached hereto and made a part hereof, subject to those easements, conditions and restrictions of record (Exhibit D-1) insofar as they may lawfully affect the Property. The GRANTOR, further reserves the following easements [Note: Locations shown for the easements and rights of way on Exhibits D-2 through D-11 are approximate and may not be the actual location] for the benefit of the lands and the GRANTOR:

A. Utility Easements for natural gas distribution system consisting of 11,300 lineal feet (LF) more or less of Arkansas Oklahoma Gas Corporation (AOG) owned steel lines (30' wide easement) as depicted by green lines on Exhibit D-2 entitled "Arkansas Oklahoma Gas Corp. Natural Gas Distribution Lines" ("Plat Map"); 65,700 LF more or less of government owned plastic lines (20' wide easement) as depicted by purple lines on the Plat Map; and a 30' X 50' plot for the AOG owned valve station at the junction where the steel lines connect to the plastic lines.

B. Potable Water Treatment and Distribution System Easements more particularly described as water supply and treatment buildings, valve houses, 1 million gallon storage tank, and 84,450 linear feet of installed underground distribution lines, as shown in Exhibit D-3.

C. General Sanitary Sewer and Industrial Waste System Easements more particularly described as a sewage bar screen, sewage lift station, and 128,450 linear feet of sewage collection lines as shown in Exhibit D-4.

D. U.S. Army Corps of Engineers (USACE) Flowage Easements as shown in Exhibit D-5.

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E. Electric Transmission/Distribution Line and Electric Substation Easements and Federal Energy Regulatory Commission Licenses for electric line rights-of-way as shown in Exhibit D-6.

F. Telephone Service Lines and buried Fiber Optic Cables Easements for telephone line right-of-ways as shown in Exhibit D-7.

G. Railroad and Highway Easements for right-of-ways as shown in Exhibit D-8.

H. Army Retained Property (National Guard Enclave) Reserved Easements for access roads right-of-ways, as shown in Exhibit D-9.

I. Gas Leases, Wells, Collection Lines, Transmission Lines, and Access Road Easements as shown in Exhibit D-10.

J. Landfill Remediation Borrow Area Easement (a 3-year easement from which cover material is taken to cap the landfill) as shown in Exhibit D-11.

The GRANTEE is responsible for the accuracy of the survey and legal description of the Property conveyed herein and shall indemnify and hold the GRANTOR harmless from any and all liability resulting from any inaccuracy in the description.

The words "GRANTOR" and "GRANTEE" used herein shall be construed as if they read "GRANTORS" and "GRANTEES" respectively, whenever the sense of this Deed so requires and, whether singular or plural, such words shall be deemed to include in all cases the successors and assigns of the respective parties.

## **1. STATUTORY INDEMNIFICATION**

Subject to the availability of appropriated funds, the GRANTOR recognizes its obligation to hold harmless, defend, and indemnify the GRANTEE and any successor, assignee, transferee, lender, or lessee of the GRANTEE or its successors and assigns, as required and limited by Section 330 of the Department of Defense Authorization Act of 1993, as amended, and to otherwise meet its obligations under law.

## **2. CONVEYANCE IN "AS IS, WHERE IS" CONDITION**

The GRANTOR conveys the Property in an "As Is, Where Is" condition without any representation, warranty or guarantee, except as required pursuant to applicable law or as otherwise stated herein, as to quantity, quality, title, character, condition, size, or kind, or that the same is in condition or fit to be used for the purpose for which intended, and no claim for allowance or deduction upon such grounds will be considered. There is no obligation on the part of the GRANTOR to make any

alterations, repairs, or additions, and said GRANTOR shall not be liable for any latent or patent defects in the Property. This section shall not affect the GRANTOR's responsibility under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) as stated in this deed.

### **3. CERCLA COVENANTS AND NOTICE**

#### **Pursuant to Sections 120(h)(3) and 120 (h)(4) of the CERCLA:**

##### **A. Notification and Covenants**

1. The Grantor hereby notifies the Grantee that to the extent such information is available on the basis of a complete search of agency files, there was no storage and release of hazardous substances, petroleum, petroleum products or their derivatives on certain portions of the Property, and there was storage and release of hazardous substances on other portions of the Property. For the purpose of this Deed, "hazardous substances" shall have the same meaning as section 101(14) of CERCLA. Available information regarding the type, quantity and location of the hazardous substances found on the Property and action taken is contained in "Notice of Petroleum Product Storage, Release, or Disposal" that is at Exhibit E. The information regarding said storage and release indicates that there is no threat to human health or the environment on the Property.

2. The Grantor hereby covenants that:

a. On those portions of the Property where there was the storage and release of hazardous substances, all remedial action necessary to protect human health and the environment with respect to any such hazardous substances remaining on the Property has been taken before the date of conveyance hereunder; and

b. Any additional remedial, response or corrective action found to be necessary with regard to such hazardous substances remaining on the Property after the date of this Deed that resulted from past activities of the Grantor shall be conducted by the Grantor. This covenant shall not apply to the extent such remedial, response or corrective actions are caused by activities of the Grantee, its successors or assigns.

##### **B. Access Rights and Easement**

The Grantor reserves a right and easement for access to the Property in any case in which remedial action or corrective action is found to be necessary after the date of this Deed. Any such actions undertaken by the Grantor pursuant to this Section 3B will, to the maximum extent practicable, be coordinated with a representative of the Grantee, its successors and assigns. Grantee agrees that, notwithstanding any other provisions of the Deed, that the Grantor assumes no liability to the Grantee, its

successors and assigns, or any other person, should remediation of the Property interfere with the use of the Property by the Grantee, its successors and assigns.

### **C. Transfer Documents**

The Grantee and its successors and assigns covenant and agree that all leases, transfers or conveyances of the Property occurring subsequent to the date of this Deed shall be made subject to, and shall have the benefit of, the provisions contained in this Section 3.

## **4. ENVIRONMENTAL BASELINE SURVEY ("EBS") AND FINDING OF SUITABILITY TO TRANSFER ("FOST")**

A. The Grantee has received the technical environmental reports, including the EBS for the Property dated 7 October 1996, and FOST I and II for the Property dated June 1, 2000 and August 9, 2000, respectively, prepared by the Grantor, and agrees, that these documents accurately describe the environmental condition of the Property. The Grantee has inspected the Property and accepts the physical condition and current level of environmental hazards on the Property and deems the Property to be safe for the Grantee's intended use. If an actual or threatened release of a hazardous substance or petroleum product is discovered on the Property after the date of the conveyance, whether or not such substance was set forth in the technical environmental reports, including the EBS, Grantee or its successors or assigns shall be responsible for such release or newly discovered substance unless Grantee is able to demonstrate that such release or such newly discovered substance was due to Grantor's activities, ownership, use, or occupation of the Property. Grantee, its successors and assigns, as consideration for the conveyance, agree to release Grantor from any liability or responsibility for any claims arising solely out of the release of any hazardous substance or petroleum product on the Property occurring after the date of this Deed, where such substance or product was placed on the Property by the Grantee, or its successors, assigns, employees, invitees, agents or contractors, after the conveyance. This Section 4 shall not affect the Grantor's responsibilities to conduct response actions or corrective actions that are required by applicable laws, rules and regulations or the Grantor's indemnification obligations under applicable laws.

B. All covenants and land use restrictions shall inure to the benefit of the public in general and adjacent lands, including lands retained by the United States, and, therefore, are enforceable by the United States Government and State of Arkansas. These restrictions and covenants are binding on the GRANTEE, its successors and assigns; shall run with the land; and are forever enforceable.

C. The GRANTEE covenants for itself, its successors and assigns, that it shall include and otherwise make legally binding all land use restrictions herein in each subsequent lease, transfer or conveyance document subject hereto. Notwithstanding this provision, failure to include these land use restrictions in subsequent conveyances

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does not abrogate the status of these restrictions as binding upon the parties, their successors and assigns.

D. The GRANTEE, for itself, its successors and assigns, covenants that it will not undertake or allow any activity on or use of the Property that would violate the land use restrictions contained herein.

## **5. ASBESTOS BURIAL SITE**

Asbestos Burial Sites (ABS) are located at the former Buildings 4111 and 5063. The ABS are legally described under "RESTRICTIONS" at Exhibit A, and are as depicted at Exhibit C. The GRANTEE on behalf of itself, its successors and assigns, covenants and agrees that the GRANTEE or the then record owner of the Property will be fully responsible for any investigation and/or remediation of hazardous substances, pollutants or contaminants, or petroleum or petroleum derivatives, to the extent that such investigation and/or remediation becomes necessary in response to a violation of the land use restrictions in this Section.

### **A. Soil Excavation Restrictions**

The GRANTEE, its successors and assigns, shall not conduct or permit others to: (1) conduct any excavation, digging, drilling, or other disturbance of the ABS without prior written approval of the GRANTOR or (2) construct any subsurface structure for human occupation, without the prior written approval of the GRANTOR, and the Arkansas Department of Environmental Quality (ADEQ). If the GRANTEE, its successors or assigns, encounters ground water or contaminated soil while conducting any excavation activities, the GRANTEE, its successors or assigns, will immediately cease such activities until the GRANTOR'S written approval is obtained allowing such activities to continue. In granting excavation approval under this Subsection, the GRANTOR may impose reasonable terms and conditions, on a case by case basis, that the GRANTOR deems necessary to (i) protect human health and the environment and (ii) to ensure proper disposal of contaminated material at no expense to the GRANTOR.

### **B. Cap/Cover Maintenance**

The GRANTEE, its successors and assigns, shall protect the integrity of the cap/cover on the ABS, preventing any ground disturbing activities that could damage the cap/cover. The GRANTEE shall maintain the cap/cover by (1) mowing the site annually, (2) conducting erosion inspections semi-annually and making any necessary repairs, and (3) maintaining in good condition and visibility appropriate signage.

C. The GRANTEE covenants for itself, its successors and assigns, that nothing contained herein shall preclude the GRANTEE from undertaking, in accordance with applicable laws and regulations, such additional remediation necessary to allow for residential use of the ABS. Any additional remediation will be at no additional cost to

residential use of the ABS. Any additional remediation will be at no additional cost to the GRANTOR and with the GRANTOR's prior written consent. Consent may be conditioned upon such terms and conditions as the GRANTOR deems reasonable and appropriate, including performance and payment bonds and insurance. Upon completion of such remediation required to allow residential use of the ABS and upon the GRANTEE's obtaining the approval of the Arkansas Department of Environmental Quality (ADEQ) and, if required, any other regulatory agency, the GRANTOR agrees to release or, if appropriate, modify this restriction by executing and recording, in the same land records of the State of Arkansas as the deed, a Partial Release of Covenant. GRANTEE shall bear the cost of recording and reasonable administrative fees.

## **6. NOTICE OF THE PRESENCE OF ASBESTOS AND COVENANT**

A. The GRANTEE is hereby informed and does acknowledge that friable and non-friable asbestos or asbestos-containing materials ("ACM") has been found on the Property, as described in the table entitled "Asbestos Containing Materials" of FOST II (Exhibit F-2). The locations and conditions of ACM are as described in the Environmental Baseline Survey (EBS), dated October 7, 1996, for which the GRANTEE acknowledges receipt of and understanding. Except as provided for in paragraphs B and C below, the ACM on the Property does not currently pose a threat to human health or the environment. Except as provided for in paragraphs B and C below, all asbestos or ACM that posed a risk to human health has either been removed or encapsulated.

B. Several buildings have been determined to contain friable and non-friable asbestos that may pose a threat to human health. Buildings containing friable and/or non-friable ACM, with location and condition, are summarized in Table 5 "Asbestos Containing Materials" of FOST II (Exhibit F-2). Detailed information is contained in the EBS and referenced asbestos surveys. The GRANTOR has agreed to convey said buildings and structures to the GRANTEE, prior to remediation of asbestos hazards, in reliance upon the GRANTEE's express representation and promise that the GRANTEE will, prior to use or occupancy of said buildings, demolish said buildings or the portions thereof containing friable asbestos, disposing of ACM in accordance with applicable laws and regulations. With respect to the friable asbestos in said buildings and structures, the GRANTEE specifically agrees to undertake any and all abatement or remediation that may be required under CERCLA 120(h)(3) or any other law or regulation. The GRANTEE acknowledges that the consideration for the conveyance of the Property was negotiated based upon the GRANTEE's agreement to the provisions contained in this Subsection.

C. The GRANTEE acknowledges it has been notified that at the sites of former Buildings 4111 and 5063, which were destroyed by fire, all debris, including asbestos, was buried inside the foundation walls. The two former building sites were covered with a clay cap and designated as "no dig" asbestos burial areas. These locations have asbestos warning signs. The GRANTEE and any future owners will be restricted from digging and will be required to maintain the warning signs, cap and ground cover maintenance for

these two sites. Section 5 of this Deed contains specific land use restrictions for these two sites.

D. The GRANTEE covenants and agrees that its use and occupancy of the Property will be in compliance with all applicable laws relating to asbestos; and that the GRANTOR assumes no liability for any future remediation of asbestos or damages for personal injury, illness, disability, or death, to the GRANTEE, its successors or assigns, or to any other person, including members of the general public, arising from or incident to the purchase, transportation, removal, handling, use, disposition, or other activity causing or leading to contact of any kind whatsoever with asbestos or ACM on the Property, whether the GRANTEE, its successors or assigns have properly warned or failed to properly warn the individual(s) injured. The GRANTEE agrees to be responsible for any future remediation of asbestos found to be necessary on the Property. The GRANTEE assumes no liability for damages for personal injury, illness, disability, death or Property damage arising from (i) any exposure or failure to comply with any legal requirements applicable to asbestos on any portion of the Property arising prior to the GRANTOR's conveyance of such portion of the Property to the GRANTEE pursuant to this Deed (Easement), or (ii) any disposal, prior to the GRANTOR's conveyance of the property of any asbestos or ACM.

E. Unprotected or unregulated exposures to asbestos in product manufacturing, shipyard, building construction workplaces have been associated with asbestos-related diseases. Both Occupational Safety and Health Administration (OSHA) and the Environmental Protection Agency (EPA) regulate asbestos because of the potential hazards associated with exposure to airborne asbestos fibers. Both OSHA and EPA have determined that such exposure increases the risk of asbestos-related diseases, which include certain cancers and which can result in disability or death.

F. The GRANTEE acknowledges that it has inspected the Property as to its asbestos content and condition and any hazardous or environmental conditions relating thereto prior to accepting the responsibilities imposed upon the GRANTEE under this section. The failure of the GRANTEE to inspect, or to be fully informed as to the asbestos condition of all or any portion of the Property offered, will not constitute grounds for any claim or demand against the United States, or any adjustment under this Deed. The GRANTEE shall be deemed to have relied solely on its own judgment in assessing the overall condition of all or any portion of the Property, including, without limitation, any asbestos hazards or concerns.

G. The GRANTEE further agrees to indemnify and hold harmless the GRANTOR, its officers, agents and employees, from and against all suits, claims, demands or actions, liabilities, judgments, costs and attorneys' fees arising out of, or in any manner predicated upon, exposure to asbestos on any portion of the Property after this conveyance of the Property to the GRANTEE or any future remediation or abatement of asbestos or the need therefor. The GRANTEE's obligation hereunder shall apply whenever the United States incurs costs or liabilities for actions giving rise to liability under this section. Furthermore, the GRANTEE agrees to make no claim or demand against the United States based on the presence of asbestos or ACM in buildings and structures on the Property.

## 7. LEAD-BASED PAINT WARNING AND COVENANT

A. The GRANTEE is hereby informed and does acknowledge that all buildings on the Property, which were constructed or rehabilitated prior to 1978, are presumed to contain lead-based paint. Lead from paint, paint chips, and dust can pose health hazards if not managed properly. Every purchaser of any interest in Residential Real Property on which a residential dwelling was built prior to 1978 is notified that such property may present exposure to lead from lead-based paint that may place young children at risk of developing lead poisoning. Lead poisoning in young children may produce permanent neurological damage, including learning disabilities, reduced intelligence quotient, behavioral problems, and impaired memory. Lead poisoning also poses a particular risk to pregnant women. The seller of any interest in residential real property is required to provide the buyer with any information on lead-based paint hazards from risk assessments or inspections in the seller's possession and notify the buyer of any known lead-based paint hazards. "Residential Real Property" means dwelling units, common areas, building exterior surfaces, and any surrounding land, including outbuildings, fences and play equipment affixed to the land, available for use by residents but not including land used for agricultural, commercial, industrial, or other non-residential purposes, and not including paint on the pavement of parking lots, garages, or roadways and buildings visited regularly by the same child, 6 years of age or under, on at least two different days within any week, including day-care centers, preschools and kindergarten classrooms.

B. Shown in FOST II (Exhibit F-2) are the locations of installation buildings within the proposed property to be transferred. Certain land tracts in FOST II have been identified for use after transfer for residential or other child occupied purposes (e.g., day care centers preschools, and kindergarten classrooms visited regularly by children under 6 years of age). The existing structures within these tracts have not been used as residential or other child occupied facilities and are planned for demolition; however, such structures were erected prior to 1978 when LBP was commonly used throughout the United States, including at military installations. The age of the structures within these tracts suggests the likelihood that LBP may be present on many of these structures. This in turn creates the possibility that through the action of normal weathering and maintenance (e.g., scraping and repainting) there is lead from LBP in the soil surrounding these structures.

The EPA has concluded that the release of lead to soils from LBP from structures falls within the CERCLA definition of a hazardous release, but to date EPA has not developed generally applicable standards for the remediation of lead in soils from LBP in currently non-residential areas. Nevertheless, because of the expected future presence of children under six in newly constructed residential or other child occupied facilities on these tracts, there may be significant risks of adverse health effects. EPA's *Interim Soil Lead Guidance for CERCLA Sites and RCRA Corrective Action Facilities*; July 14, 1994 does establish risk-based screening levels at 400 ppm for lead concentrations in soil. While screening levels should not necessarily be considered as clean-up levels, further evaluation is advised when these levels are exceeded and residential reuse is anticipated.

0020 0009

C. Available information concerning known lead-based paint and/or lead-based paint hazards, the location of lead-based paint and/or lead-based paint hazards, and the condition of painted surfaces is contained in the Environmental Baseline Survey (EBS), dated October 7, 1996, and (for residential properties) the lead-based paint inspection and risk assessment, which have been provided to the GRANTEE. All purchasers must receive the federally approved pamphlet on lead poisoning prevention. The GRANTEE hereby acknowledges receipt of all of the information described in this subparagraph.

D. The GRANTEE acknowledges that it has received the opportunity to conduct its own risk assessment or inspection for the presence of lead-based paint and/or lead-based paint hazards prior to execution of this document.

E. The GRANTEE covenants and agrees that it shall not permit the occupancy or use of any buildings or structures on the Property as Residential Real Property, as defined in paragraph A, above, without complying with this section and all applicable federal, state, and local laws and regulations pertaining to lead-based paint and/or lead-based paint hazards. Prior to permitting the occupancy of the Property where its use subsequent to sale is intended for residential habitation, the GRANTEE specifically agrees to perform, at its sole expense, the Army's abatement requirements under Title X of the Housing and Community Development Act of 1992 (Residential Lead-Based Paint Hazard Reduction Act of 1992) (hereinafter Title X).

The GRANTEE shall, after consideration of the guidelines and regulations established pursuant to Title X: (1) Perform a Risk Assessment if more than 12 months have elapsed since the date of the last Risk Assessment; (2) Comply with the joint HUD and EPA Disclosure Rule (24 CFR 35, Subpart H, 40 CFR 745, Subpart F), when applicable, by disclosing to prospective purchasers the known presence of lead-based paint and/or lead-based paint hazards as determined by previous risk assessments; (3) Abate lead dust and lead-based paint hazards in pre-1960 residential real property, as defined in paragraph A, above, in accordance with the procedures in 24 CFR 35; (4) Abate soil-lead hazards in pre-1978 residential real property, as defined in paragraph A, above, in accordance with the procedures in 24 CFR 35; (5) Abate lead-soil hazards following demolition and redevelopment of structures in areas that will be developed as residential real property; (6) Comply with the EPA lead-based paint work standards when conducting lead-based paint activities (40 CFR 745, Subpart L); (7) Perform the activities described in this paragraph within 12 months of the date of the lead-based paint risk assessment and prior to occupancy or use of the residential real property; and (8) Send a copy of the clearance documentation to the GRANTOR.

In complying with these requirements, the GRANTEE covenants and agrees to be responsible for any abatement or remediation of lead-based paint or lead-based paint hazards on the Property found to be necessary as a result of the subsequent use of the property for residential purposes. The GRANTEE covenants and agrees to comply with solid or hazardous waste laws that may apply to any waste that may be generated during the course of lead-based paint abatement activities.

F. The GRANTEE further agrees to indemnify and hold harmless the Army, its officers, agents and employees, from and against all suits, claims, demands, or actions, liabilities, judgments, costs and attorney's fees arising out of, or in a manner predicated upon personal injury, death or property damage resulting from, related to, caused by or arising out of lead-based paint or lead-based paint hazards on the Property if used for residential purposes.

G. LBP can be properly managed in place, provided the following precautions are taken by the GRANTEE: 1) If LBP is present in the soil surrounding the Property, ground cover must be maintained in order to prevent soil disturbance. 2) The condition of painted surfaces within buildings containing LBP should be maintained to prevent chipping and dust. The demolition of the existing structures necessary to create residential or other child-occupied facilities on the tracts will greatly affect the risks associated with lead from LBP (improper demolition could exacerbate existing levels of lead in the soil, and the disturbance of soils in the vicinity of the existing structures could render any existing lead in the soils unavailable and thus of no risk). Post-demolition lead levels can be reduced as well, by removing one to three inches of surface soil at each building site following demolition. Because the demolition of the existing structures will be carried out by the GRANTEE of the Property, the GRANTEE shall sample the soil and abate the soil as necessary to protect human health and to achieve the standards established for federal agencies by 24 CFR Part 35 and any required remediation requirements placed on the GRANTEE of the Property.

H. The covenants, restrictions, and requirements of this Section (LBP) shall be binding upon the GRANTEE, its successors and assigns and all future owners and shall be deemed to run with the land. The GRANTEE on behalf of itself, its successors and assigns, covenants that it will include and make legally binding, this Section (LBP) in all subsequent transfers, leases, or conveyance documents.

#### **8. NOTICE OF THE PRESENCE OF POLYCHLORINATED BIPHENYLS (PCB)**

A. The GRANTEE is hereby informed and does acknowledge that equipment containing PCBs may exist on the Property to be conveyed, described as follows: fluorescent light ballasts. All PCB containing equipment has been properly labeled in accordance with applicable laws and regulations in force at the time of purchase and installation to provide notification to future users. Any PCB contamination or spills related to such equipment that has been properly remediated prior to conveyance. The PCB equipment does not currently pose a threat to human health or the environment.

B. Upon request, the Army agrees to furnish to the GRANTEE any and all records in its possession related to such PCB equipment necessary for the continued compliance by the GRANTEE with applicable laws and regulations related to the use and storage of PCBs or PCB containing equipment.

0020 0011

C. The GRANTEE covenants and agrees that its continued possession, use and management of any PCB containing equipment will be in compliance with all applicable laws relating to PCBs and PCB containing equipment, and that the Army assumes no liability for the future remediation of PCB contamination or damages for personal injury, illness, disability, or death to the GRANTEE, its successors or assigns, or to any other person, including members of the general public arising from or incident to future use, handling, management, disposition, or other activity causing or leading to contact of any kind whatsoever with PCBs or PCB containing equipment, whether the GRANTEE, its successors or assigns have properly warned or failed to properly warn the individual(s) insured. The GRANTEE agrees to be responsible for any future remediation of PCBs or PCB-containing equipment found to be necessary on the Property.

## **9. NOTICE OF THE PRESENCE OF PESTICIDES**

A. The Grantee is hereby informed and does acknowledge that the potential exists in all buildings for pesticides, including chlordane, 4,4-DDD, 4,4-DDE, and 4,4-DDT, to be present at the drip line or under building foundation slabs at concentrations above residential and industrial screening levels. The presence of these products is a result of their intended use application as pesticides. The presence of pesticides does not currently pose a threat to human health or the environment. The potential presence of pesticides, however, must be taken into consideration prior to any building demolition.

B. Upon request, the Army agrees to furnish to the Grantee any and all records in its possession related to the use of pesticides necessary for the continued compliance by the Grantee with applicable laws and regulations related to the use of pesticides.

C. The Grantee covenants and agrees that its continued possession, potential use and continued management of all buildings will be in compliance with all applicable laws relating to hazardous substance/pesticides and hazardous wastes, and that the Army assumes no liability for the future remediation of pesticide contamination or damages for personal injury, illness, disability, or death to the Grantee, its successors or assigns, or to any other person, including members of the general public arising from or incident to future use, handling, management, disposition, or other activity causing or leading to contact of any kind whatsoever with chlordane, whether the Grantee, its successors or assigns have properly warned or failed to properly warn the individual(s) insured. The Grantee agrees to be responsible for any future remediation of pesticides found to be necessary on the Property.

## **10. NOTIFICATION OF ORDNANCE AND EXPLOSIVES ("OE") AND COVENANT.**

A. Fort Chaffee is a former military installation with a history of OE use and, therefore, there is a potential for OE to be present on the Property.

0020 0012

B. Based on a review of existing records and available information, none of the buildings or surrounding land proposed for transfer are known to contain high explosive unexploded ordnance ("UXO"). However, blank small arms ammunition may exist on the Property. The risk from blank ammunition is negligible since no projectile or high explosive is present. In the event the GRANTEE, its successors, and assigns, should discover any UXO on the Property, it shall not attempt to remove or destroy it, but shall immediately contact the nearest County Sheriff or local law enforcement agency who will, if needed, contact the Department of Defense Explosive Ordnance Disposal (EOD) unit. Appropriate GRANTOR or GRANTOR designated explosive ordnance personnel will be dispatched promptly to dispose of such UXO at no expense to the GRANTEE. The GRANTEE, or its successors or assigns, shall: (i) cooperate with the GRANTOR with regard to the location of and removal of UXO from the Property, provided such cooperation does not require the GRANTEE, or its successors or assigns, to incur any non-reimbursed direct costs, (ii) notify the GRANTOR as soon as reasonably possible after the discovery of any UXO by the GRANTEE, or its successors or assigns, and (iii) take no actions regarding UXO discovered on the Property, except as may be specifically directed by the GRANTOR.

#### **11. HISTORIC PRESERVATION COVENANT FOR ARCHEOLOGICAL SITES**

This conveyance contains two historic archeological sites that are to be maintained in accordance herewith:

A. In consideration of the conveyance of the Property, located in the Counties of Sebastian and Crawford, State of Arkansas, which is more fully described in Exhibit A, the GRANTEE hereby covenants on behalf of itself, its successors, and assigns, at all times to the Arkansas State Historic Preservation Officer (the SHPO), who the parties agree shall have third party rights hereunder, to maintain and preserve Archeological Site 3CW864 and Site 3CW865 (hereinafter called "Archeological Sites"), in accordance with the requirements of the Programmatic Agreement Among United States Army, Arkansas State Historic Preservation Officer, and Advisory Council On Historic Preservation for the Closure and Disposal of Fort Chaffee, Arkansas, 1999, ("Programmatic Agreement")(Exhibit G) as stated in sections A through K of this covenant. If the GRANTEE desires to deviate from these maintenance standards, the GRANTEE will notify and consult with the Arkansas SHPO in accordance with paragraphs B through K of this covenant.

B. The GRANTEE will notify the Arkansas SHPO in writing prior to undertaking any disturbance, construction, alteration, remodeling, demolition, or other modification of the structures, ground surface or setting, or any other action on the Archeological Sites that would affect their physical integrity or appearance. Such notice shall describe in reasonable detail the proposed undertaking and its expected effect on the affected Archeological Sites.

0020 0013

C. Within thirty (30) calendar days of the appropriate Arkansas SHPO's receipt of notification provided by the GRANTEE pursuant to paragraph B of this covenant, the Arkansas SHPO will respond to GRANTEE in writing as follows:

1. That the GRANTEE may proceed with the proposed undertaking without further consultation; or

2. That the GRANTEE must initiate and complete consultation with the Arkansas SHPO before the GRANTEE can proceed with the proposed undertaking.

If the Arkansas SHPO fails to respond to the GRANTEE's written notice within thirty (30) calendar days of the Arkansas SHPO's receipt of the same, then GRANTEE may proceed with the proposed undertaking without further consultation with the Arkansas SHPO.

D. If the response provided to the GRANTEE by the Arkansas SHPO pursuant to paragraph C of this covenant requires consultation with the Arkansas SHPO, then both parties will so consult in good faith to arrive at mutually-agreeable and appropriate measures that the GRANTEE will employ to mitigate any adverse effects associated with the proposed undertaking. If the parties are unable to arrive at such mutually-agreeable mitigation measures, then the GRANTEE shall, at a minimum, undertake recordation for the concerned property in accordance with the Secretary of Interior's standards for recordation and any applicable state standards for recordation, or in accordance with such other standards to which the parties may mutually agree prior to proceeding with the proposed undertaking. Pursuant to this covenant, any mitigation measures to which the GRANTEE and the Arkansas SHPO mutually agree, or any recordation that may be required, shall be carried out solely at the expense of the GRANTEE.

E. The GRANTEE shall make every reasonable effort to prohibit any person from vandalizing or otherwise disturbing any Archeological Site determined by the Arkansas SHPO to be eligible for inclusion in the National Register of Historic Places. Any such vandalization or disturbance shall be reported to the Arkansas SHPO promptly.

F. The Arkansas SHPO shall be permitted at all reasonable times to inspect any Archeological Site on the Property in order to ascertain its condition and to fulfill its responsibilities hereunder.

G. In the event that either of the Archeological Sites is (i) substantially destroyed, or (ii) not totally destroyed, but continued protection thereof is impractical in the reasonable judgment of the Owner, the Owner shall notify the Arkansas SHPO in writing, requesting concurrence. Upon concurrence by the Arkansas SHPO, this covenant shall terminate. Upon such termination, the Owner shall deliver a duly executed and acknowledged notice of such termination to the Arkansas SHPO, and record a duplicate original of said notice in the Sebastian County Deed Records. Such

0020 0014

notice shall be conclusive evidence in favor of every person dealing with the Archeological Sites as to the facts set forth therein.

H. In the event of a violation of this covenant, and in addition to any remedy now or hereafter provided by law, the Arkansas SHPO may, following reasonable notice to the GRANTEE, institute suit to enjoin said violation or to require the restoration of any archeological site affected by such violation. The successful party shall be entitled to recover all costs or expenses incurred in connection with any such suit, including all court costs and attorney's fees.

I. The GRANTEE agrees that the Arkansas SHPO may, at its discretion and without prior notice to the GRANTEE, convey and assign all or part of its rights and responsibilities contained in this covenant to a third party.

J. This covenant is binding on the GRANTEE, its heirs, successors, and assigns in perpetuity unless explicitly waived by the Arkansas SHPO. Restrictions, stipulations, and covenants contained herein shall be inserted by the GRANTEE verbatim or by express reference in any deed or other legal instrument by which it divests itself of either the fee simple title or any other lesser estate in the Property containing the Archeological Sites or any part thereof.

K. The failure of the Arkansas SHPO to exercise any right or remedy granted under this instrument shall not have the effect of waiving or limiting the exercise of any other right or remedy or the use of such right or remedy at any other time.

L. This covenant shall be a binding servitude upon the real property that includes an Archeological Site(s) and shall be deemed to run with the land. Execution of this covenant shall constitute conclusive evidence that the GRANTEE agrees to be bound by the foregoing conditions and restrictions and to perform the obligations herein set forth and agrees to the rights granted to the Arkansas SHPO hereunder.

## **12. HISTORIC PRESERVATION COVENANT FOR HISTORICAL STRUCTURES**

A. In consideration of the conveyance of the Property, located in the Counties of Sebastian and Crawford, State of Arkansas, which is more fully described in Exhibit A, the GRANTEE hereby covenants on behalf of itself, its heirs, successors and assigns at all times to the Arkansas State Historic Preservation Officer (the SHPO) to preserve and maintain the Stone Amphitheater (Survey #70) and the Officers' Club Bandstand and Dance Floor (Survey #69B) (hereinafter called "Historic Properties") in accordance with the recommended approaches in the *Secretary of the Interior's Standards for Rehabilitation and Illustrated Guidelines for Rehabilitating Historic Buildings* (U.S. Department of the Interior, National Park Service 1992) in order to preserve and enhance those qualities that make these Historic Properties eligible for inclusion in/or resulted in the inclusion of these Historic Properties in the National Register of Historic

0020 0015

Places. If the GRANTEE desires to deviate from these maintenance standards, the GRANTEE will notify and consult with the Arkansas SHPO in accordance with paragraphs B, C and D of this covenant.

B. The GRANTEE will notify the Arkansas SHPO in writing prior to undertaking any construction, alteration, remodeling, demolition, or other modification to structures or setting that would affect the integrity or appearance of the Historic Property. Such notice shall describe in reasonable detail the proposed undertaking and its expected effect on the integrity or appearance of the Historic Property.

C. Within thirty (30) calendar days of the appropriate Arkansas SHPO's receipt of notification provided by the GRANTEE pursuant to paragraph B of this covenant, the Arkansas SHPO will respond to the GRANTEE in writing as follows:

1. That the GRANTEE may proceed with the proposed undertaking without further consultation; *or*
2. That the GRANTEE must initiate and complete consultation with the Arkansas SHPO before proceeding with the proposed undertaking.

If the Arkansas SHPO fails to respond to the GRANTEE 's written notice, as described in paragraph B, within thirty (30) calendar days of the Arkansas SHPO's receipt of the same, then the GRANTEE may proceed with the proposed undertaking without further consultation with the Arkansas SHPO.

D. If the response provided to the GRANTEE by the Arkansas SHPO pursuant to paragraph C of this covenant requires consultation with the Arkansas SHPO, then both parties will so consult in good faith to arrive at mutually-agreeable and appropriate measures that the GRANTEE will implement to mitigate any adverse effects associated with the proposed undertaking. If the parties are unable to arrive at such mutually-agreeable mitigation measures, then the GRANTEE shall, at a minimum, undertake recordation for the concerned property in accordance with the Secretary of Interior's standards for recordation and any applicable state standards for recordation, or in accordance with such other standards to which the parties may mutually agree prior to proceeding with the proposed undertaking. Pursuant to this covenant, any mitigation measures to which the GRANTEE and the Arkansas SHPO mutually agree, or any recordation that may be required, shall be carried out solely at the expense of the GRANTEE.

E. The Arkansas SHPO shall be permitted at all reasonable times to inspect the Historic Properties in order to ascertain its condition and to fulfill its responsibilities hereunder.

F. In the event of a violation of this covenant, and in addition to any remedy now or hereafter provided by law, the Arkansas SHPO may, following reasonable notice to the GRANTEE, institute suit to enjoin said violation or to require the restoration of the

0020 0016

**Historic Properties.** The successful party shall be entitled to recover all costs or expenses incurred in connection with such a suit, including all court costs and attorney's fees.

G. In the event that a Historic Property is (i) substantially destroyed by fire or other casualty, or (ii) not totally destroyed by fire or other casualty, but damage thereto is so serious that restoration would be financially impractical in the reasonable judgment of the Owner, the Owner shall notify the Arkansas SHPO in writing, requesting concurrence. Upon concurrence by the Arkansas SHPO, this covenant shall terminate. Upon such termination, the Owner shall deliver a duly executed and acknowledged notice of such termination to the Arkansas SHPO, and record a duplicate original of said notice in the Sebastian County Deed Records. Such notice shall be conclusive evidence in favor of every person dealing with the Historic Property as to the facts set forth therein.

H. The GRANTEE agrees that the Arkansas SHPO may at its discretion, without prior notice to the GRANTEE, convey and assign all or part of its rights and responsibilities contained herein to a third party.

I. This covenant is binding on the GRANTEE, its heirs, successors and assigns in perpetuity unless explicitly waived by the Arkansas SHPO. Restrictions, stipulations and covenants contained herein shall be inserted by the GRANTEE verbatim or by express reference in any deed or other legal instrument by which it divests itself of either the fee simple title or any other lesser estate in the Historic Properties or any part thereof.

J. The failure of the Arkansas SHPO to exercise any right or remedy granted under this instrument shall not have the effect of waiving or limiting the exercise of any other right or remedy or the use of such right or remedy at any other time.

K. The covenant shall be a binding servitude upon the Historic Property and shall be deemed to run with the land. Execution of this covenant shall constitute conclusive evidence that the GRANTEE agrees to be bound by the foregoing conditions and restrictions and to perform the obligations herein set forth and agrees to the rights granted to the Arkansas SHPO hereunder.

### **13. NOTICE OF ENDANGERED SPECIES AND COVENANT**

A. The GRANTEE is hereby informed and does acknowledge the presence of an endangered species, the American Burying Beetle (ABB) [*Nicrophorus americanus*], on the Property to be accepted.

B. The GRANTEE covenants and agrees that its use and occupancy of the Property will be in compliance with the Endangered Species Act (ESA) of 1973, as amended, [16 U.S.C. §§ 1531-1544; 50 CFR Parts 17, 401-424, 450-453]. The ESA requires protection of threatened or endangered species by prohibiting activities and facilities that would have an adverse effect on them.

C. Section 9 of the ESA and federal regulation pursuant to section 4(d) of the ESA prohibit the take of endangered and threatened species, respectively without special exemption. Under the terms of Section 7(b)(4) and Section 7(o)(2), taking that is incidental to and not intended as part of the agency action is not considered to be prohibited taking under the ESA provided that such taking is in compliance with the terms and conditions of this incidental take statement.

D. Certain non-discretionary measures undertaken by the Department of the Army at Fort Chaffee (Army) become binding conditions upon GRANTEE for the exemption in Section 7(o)(2) to apply. Required consultation with the U.S. Fish and Wildlife Service (USFWS) has been completed. Based on the Biological Opinion issued in June, 1999 (Exhibit H), certain "reasonable and prudent measures" are necessary to minimize impacts of incidental take of ABB's in the EDC areas and must be incorporated as restrictions in the deed. Accordingly, the GRANTEE covenants that the following "reasonable and prudent measures" will be adhered to immediately upon transfer of property to protect the ABB and its habitat:

1. Undeveloped areas should not be cleared until construction is ready to commence. In addition, unnecessary clearing of trees or other vegetation during site preparation should be avoided.

2. Whenever possible, construction and other ground disturbance activities shall be conducted during the non-breeding season, October through April.

3. Because of the sensitivity of the ABB to chemical applications, the GRANTEE shall ensure that the use of pesticides and herbicides is limited. Only those pesticides and herbicides on the list approved by the USFWS shall be used.

4. When no longer in use, cells in the landfill should be closed, revegetated with native plants, and mowed no more than once a year.

E. The GRANTEE further agrees that it shall not permit the occupancy or use of any buildings, facilities, or structures on the Property without complying with the ESA, and all applicable federal, state, and local laws and regulations pertaining to endangered species.

F. Any questions concerning reasonable and prudent measures should be directed to the U.S. Fish and Wildlife Service, Arkansas Field Office; 1500 Museum Road, Suite 105; Conway, AR 72032, telephone 501-513-4477, or to its successor.

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#### **14. INCLUSION OF PROVISIONS**

The GRANTEE, its successors and assigns, or any entity to whom the Property is transferred shall neither transfer the Property, lease the Property, nor grant any interest, privilege, or license whatsoever in connection with the Property without the inclusion of the environmental protection provisions contained herein, and shall require the inclusion of such environmental protection provisions in all further deeds, transfers, leases, or grants of any interest, privilege or license.

#### **15. AIR NAVIGATION RESTRICTION**

The Fort Smith Municipal Airport is in close proximity of the subject Property. The Property lies within the area of protected airspace that normally extends for a five nautical mile radius around the airfield. Accordingly, in coordination with the Federal Aviation Administration (FAA), the GRANTEE covenants and agrees, on behalf of it, its successors and assigns and every successor in interest to the Property wherein described, or any part thereof, that, when applicable, there will be no construction or alteration unless a determination of no hazard to air navigation is issued by the Federal Aviation Administration in accordance with Title 14, Code of Federal Regulations, Part 77, entitled, *Objects Affecting Navigable Airspace*, or under the authority of the Federal Aviation Act of 1968, as amended.

#### **16. NOTICE OF NON-DISCRIMINATION**

With respect to activities related to the Property, the GRANTEE covenants for itself, its successors and assigns, that the GRANTEE, and such successors and assigns, shall not discriminate upon the basis of race, color, religion, sex, age, handicap, or national origin in the use, occupancy, sale or lease of the Property, or in their employment practices conducted thereon in violation of the provisions of Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. Section 2000d); the Age Discrimination Act of 1975 (42 U.S.C. Section 6102); and the Rehabilitation Act of 1973, as amended (29 U.S.C. Section 794). The GRANTOR shall be deemed a beneficiary of this covenant without regard to whether it remains the owner of any land or interest therein in the locality of the Property hereby conveyed, and shall have the sole right to enforce this covenant in any court of competent jurisdiction.

#### **17. MODIFICATION OF RESTRICTIONS AND NOTIFICATIONS**

1. **Modification of Restrictions.** The GRANTEE shall submit any requests to conduct such additional remediation necessary to allow for residential use of the ABS or to construct subsurface structures for human occupation, or for other modifications to restrictions to the GRANTOR with a copy to EPA and ADEQ (or successor), by first class mail, postage prepaid, addressed as follows:

- a. to USACE            U.S. Army Corps of Engineers  
Real Estate Division  
700 W. Capitol Ave.  
Little Rock, Arkansas 72203
- b. to EPA:             EPA Region VI  
Mail Code 6PDNB  
1445 Ross Avenue, Suite 1200  
Dallas, TX 75202-2733
- c. to ADEQ:            Environmental Clean-up Program  
Arkansas Department of Environmental Quality  
8001 National Drive  
P.O. Box 8913  
Little Rock, AR 72219-8913

**18. TITLE 10 UNITED STATES SECTION 2662 REPORTING APPLICABILITY**

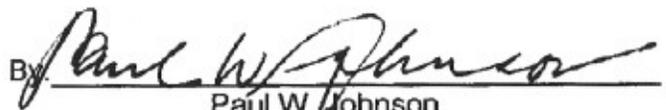
This conveyance is not subject to the reporting requirement in 10 United States Code 2662.

**19. ANTI-DEFICIENCY ACT**

The GRANTOR'S obligation to pay or reimburse any money under this Deed is subject to the availability of appropriated funds to the Department of the Army, and nothing in this Deed shall be interpreted to require obligations or payments by the United States in violation of the Anti-Deficiency Act.

**IN WITNESS WHEREOF** and for the consideration and purposes herein, the GRANTOR has caused this Deed to be executed in its name by the Deputy Assistant Secretary of the Army (I&H) and the Seal of the Department of the Army to be hereunto affixed this 15<sup>th</sup> day of November, 2000.

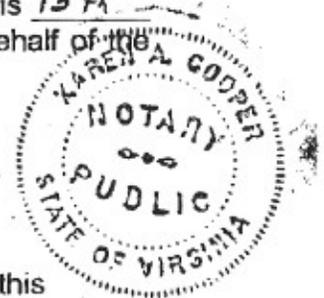
**UNITED STATES OF AMERICA**

By   
Paul W. Johnson  
Deputy Assistant Secretary of the Army (I&H)

COMMONWEALTH OF VIRGINIA )  
 ) SS:  
COUNTY OF ARLINGTON )

I, the undersigned, a Notary Public in and for the Commonwealth of Virginia, County of Arlington, whose commission as such expires on the 30th day of November, 2000, do hereby certify that this day personally appeared before me in the Commonwealth of Virginia, County of Arlington, Paul W. Johnson, Deputy Assistant Secretary of the Army (I&H), whose name is signed to the foregoing instrument and acknowledged the foregoing instrument to be his free act and deed, dated this 15th day of November, 2000, and acknowledged the same for and on behalf of the UNITED STATES OF AMERICA.

Karen A. Cooper  
Notary Public



The terms and conditions of this Quitclaim Deed are hereby accepted this 15th day of November, 2000.

**FT. CHAFFEE REDEVELOPMENT AUTHORITY**

By: Linda E. Schmidt  
Linda E. Schmidt  
Chairman

By: Phillip G. Reeves  
Phillip G. Reeves  
Executive Director & CEO

I certify under penalty of false swearing that at least the legally correct amount of documentary stamps have been placed on this instrument.

Ronald D. Hudson  
Grantee or Grantee's Agent

U.S. Army Corps of Engineers, 700 W CAPITAL  
Little Rock, AR.

Exhibits:

- Exhibit A: Legal Description-Phase 1, Economic Development Conveyance (EDC).
- Exhibit B: Inventory List - Real Property - Phase 1, EDC.
- Exhibit C: Map - Phase 1, Economic Development Conveyance.
- Exhibit D-1: List - Existing Easements, Conditions, and Restrictions.
- Exhibit D-2: Map - Arkansas Oklahoma Gas Corp. Natural Gas Distribution Lines.
- Exhibit D-3: Map - Water Treatment and Distribution System Easements.
- Exhibit D-4: Map - Sanitary Sewer collection and Treatment System Easements.
- Exhibit D-5: Map - U.S. Army Corps of Engineers Flowage Easements.
- Exhibit D-6: Map - Electric Transmission & Distribution Line Easements.
- Exhibit D-7: Map - Telephone Service and Fiber Optic Line Easements.
- Exhibit D-8: Map - Railroad and Highway R-O-W Easements.
- Exhibit D-9: Map - Army Retained Property Reserved Access Easements.
- Exhibit D-10: Map - Gas Well, Collector Lines, Transmission Lines Easements.
- Exhibit D-11: Map - Landfill Borrow Area (3-year) Reserved Easement.
- Exhibit E: Table - Notice of Petroleum Product Storage, Release or Disposal.
- Exhibit F-1: Finding of Suitability to Transfer 1 (FOST 1).
- Exhibit F-2: Finding of Suitability to Transfer 2 (FOST 2).
- Exhibit G: Programmatic Agreement.
- Exhibit H: Biological Opinion.

Fort Chaffee  
Military Reservation  
Base Realignment & Closure

Sebastian & Crawford County, Arkansas  
Owner: United States  
Acres: Fee - 3,792.66

**Parcel No. G-1**  
(Economic Development Conveyance #1)

A tract of land situate in the County of Sebastian, State of Arkansas, being that part of the NE $\frac{1}{4}$ , the SE $\frac{1}{4}$  and the W $\frac{1}{2}$  of Section 3, the S $\frac{1}{4}$  of Section 4, the S $\frac{1}{4}$  of Section 5, the S $\frac{1}{2}$  and part of the NE $\frac{1}{4}$  of Section 6, all that part of Section 7, the N $\frac{1}{2}$ , the SW $\frac{1}{4}$  the W $\frac{1}{2}$  and the N $\frac{1}{2}$  of the SE $\frac{1}{4}$  of Section 8, all of Section 9, part of the W $\frac{1}{2}$  of the W $\frac{1}{2}$  and the N $\frac{1}{2}$  of the N $\frac{1}{2}$  of Section 10, all that part of Section 18, except the W $\frac{1}{2}$  of the SW $\frac{1}{4}$ , part of the W $\frac{1}{2}$  of the SW $\frac{1}{4}$ , part of the NW $\frac{1}{4}$  and part of NW $\frac{1}{4}$  of the NE $\frac{1}{4}$  of Section 17, part of the N $\frac{1}{2}$  of the NE $\frac{1}{4}$  of Section 16, part of the W $\frac{1}{2}$  of the NW $\frac{1}{4}$  of the NW $\frac{1}{4}$  of Section 16, part of the NE $\frac{1}{4}$  of Section 19, all in Township 7 North, Range 31 West, that part of the SE $\frac{1}{4}$  of the SE $\frac{1}{4}$  of Section 1, that part of the N $\frac{1}{2}$  and the E $\frac{1}{2}$  of the E $\frac{1}{2}$  of Section 12, that part of the SE $\frac{1}{4}$  of Section 13, all in Township 7 North, Range 32 West, all that part of Section 34, all that part of the W $\frac{1}{2}$  and that part of the W $\frac{1}{2}$  of the NE $\frac{1}{4}$ , that part of the N $\frac{1}{4}$  of the SE $\frac{1}{4}$  of Fractional Section 35, that part of the N $\frac{1}{2}$  of the SW $\frac{1}{4}$  of Section 36, Township 8 North, Range 31 West being more particularly described as follows:

Beginning 200 feet north of Fort Chaffee Boundary Monument No.-181, (F.C. Bdy. MN- 181) said point being F.C. Bdy MN-382, and point of beginning lying in the NW $\frac{1}{4}$  of Section 19, Township 7 North, Range 31 West; thence N01°16'48"E approximately 2467.29 feet to F.C. Bdy MN-180, said point also being the S $\frac{1}{4}$  corner of Section 18; thence N88°35'48"W approximately 1292.65 feet to F.C. Bdy MN-179; thence N02°48'56"E approximately 2641.92 feet to F.C. Bdy MN-178; thence N87°30'46"W approximately 1870.74 feet to F.C. Bdy MN-177, said point being the W $\frac{1}{4}$  corner of said Section 18; thence N03°24'12"E approximately 54.12 feet to F.C. Bdy MN-176, said point being the E $\frac{1}{4}$  corner of Section 13, Township 7 North, Range 32 West; thence N87°33'28"W approximately 2628.35 feet to F.C. Bdy MN-175, said monument lying approximately 2 feet west of the center of said Section 13; thence N02°54'20"E approximately 673.74 feet to a point on the common property line between the City of Fort Smith Sanitary Landfill and Fort Chaffee Military Reservation Boundary, said point being labeled LF05=FSCLF-368; thence along said common property line the following courses and distances: N48°20'10"E approximately 1295.12 feet to a point; thence S87°03'59"E approximately 655.59 feet to LF02=FSCLF-366, said point being approximately 25 feet west of the centerline of an existing road; thence along the road right-of-way the following courses and distances: N19°17'07"W approximately 70.87 feet to a point; thence N01°57'54"W approximately 109.15 feet to a point; thence N11°24'34"E approximately 205.54 feet to a point; thence N19°22'05"E approximately 157.70 feet to a point; thence N27°35'03"E approximately 214.81 feet to a point; thence N26°04'17"E approximately 51.91 feet to a point; thence N10°02'11"E approximately 99.00 feet to a point; thence N06°36'27"W approximately 215.11 feet to a point; thence N01°56'08"W approximately 107.67 feet to a point;

continued  
EXHIBIT "A"

Economic Development Conveyance #1  
Parcel Nos. G-1 thru G-2(cont'd)

thence  $N07^{\circ}18'34''E$  approximately 109.42 feet to a point; thence  $N20^{\circ}46'09''E$  approximately 373.35 feet to a point; thence  $N27^{\circ}25'36''E$  approximately 214.06 feet to a point; thence  $N35^{\circ}19'03''E$  approximately 157.46 feet to a point; thence  $N42^{\circ}08'56''E$  approximately 362.80 feet to a point; thence  $N57^{\circ}14'10''E$  approximately 159.90 feet to a point; thence  $N60^{\circ}35'17''E$  approximately 102.30 feet to a point; thence  $N50^{\circ}48'06''E$  approximately 113.92 feet to Monument Number LF01=FSCLF-349; thence leaving said road right-of-way  $N41^{\circ}14'00''W$  approximately 1737.56 feet to a point; thence  $N02^{\circ}54'16''E$  approximately 508.29 feet to a point; thence  $N69^{\circ}14'09''W$  approximately 1249.23 feet to a point; thence  $S43^{\circ}03'16''W$  approximately 1026.37 feet to a point; thence  $N87^{\circ}02'30''W$  approximately 2088.72 feet to Monument Number LF04=FSCLF-344; thence  $N02^{\circ}47'29''E$  approximately 2558.61 feet to F.C. Bdy M.N.-171, also being the northwest corner of Section 12, Township 7 North, Range 32 West, said point being the southwest corner of Ben Guren Park; thence along said common property line between Ben Guren Park and Fort Chaffee Military Reservation Boundary the following courses and distances:  $S87^{\circ}24'28''E$  approximately 4459.10 feet to Monument Number B.G.-03; thence  $N33^{\circ}53'31''E$  approximately 3030.38 feet to Monument Number B.G.-02; thence  $S87^{\circ}24'15''E$  approximately 2349.94 feet to Monument Number B.G.-01, said point also being the approximate center of Section 6, Township 7 North, Range 31 West; thence  $N02^{\circ}31'56''E$  approximately 1661.39 feet to a point of intersection with Ben Guren Park, Arkansas National Guard Boundary and Fort Chaffee Military Reservation Boundary; thence  $S82^{\circ}41'04''E$  approximately 375.00 feet to a point; thence  $N02^{\circ}28'45''E$  approximately 560.00 feet to a point on the south right-of-way of Arkansas State Highway 255; thence along said south right-of-way the following courses and distances:  $S76^{\circ}20'48''E$  approximately 72.91 feet to a point; thence  $S77^{\circ}21'19''E$  approximately 215.81 feet to a point; thence along a curve to the left radius = 5701.39 approximately 812.85 feet to a point; the chord bearing and distance  $S81^{\circ}58'12''E$  approximately 812.16 feet; thence  $S85^{\circ}39'02''E$  approximately 285.98 feet to a point; thence  $S85^{\circ}44'59''E$  approximately 734.55 feet to a point; thence  $S85^{\circ}45'45''E$  approximately 465.46 feet to a point; thence  $S85^{\circ}47'27''E$  approximately 458.72 feet to a point; thence  $S85^{\circ}50'07''E$  approximately 752.97 feet to a point; thence  $S85^{\circ}47'52''E$  approximately 409.90 feet to a point; thence  $S85^{\circ}44'43''E$  approximately 368.14 feet to a point; thence along a curve to the left radius of 10,181.75 approximately 592.33 feet to a point; the chord bearing and distance being  $S88^{\circ}32'20''E$  approximately 592.24 feet; thence  $N87^{\circ}55'32''E$  approximately 267.26 feet to a point; thence  $N87^{\circ}53'53''E$  approximately 432.48 feet to a point; thence  $N87^{\circ}39'35''E$  approximately 695.35 feet to a point; thence  $N87^{\circ}19'51''E$  approximately 601.95 feet to a point; thence  $N86^{\circ}27'01''E$  approximately 409.07 feet to a point, said point being on the north south line between Sections 4 and 5, Township 7 North, Range 31 West; thence leaving said road right-of-way  $S02^{\circ}30'59''W$  approximately 906.88 feet to F.C. Bdy. -164; thence  $S87^{\circ}10'09''E$  approximately 2690.71 feet to F.C.Bdy.-163; thence  $N02^{\circ}39'08''E$  approximately 1045.98

continued

Economic Development Conveyance #1  
Parcel Nos. G-1 thru G-2 (cont'd)

feet to F.C. Bdy. MN-162, said point lying on existing Missouri Pacific Railroad south right-of-way and the north south line of said Section 4; thence along said south right-of-way of Missouri Pacific Railroad the following courses and distances: S67°27'34"E approximately 19.55 feet to a point; thence S71°50'18"E approximately 812.39 feet to F.C. Bdy. MN-161F; thence S82°29'37"E approximately 518.47 feet to F.C. Bdy. MN-161E; thence S72°22'14"E approximately 1020.08 feet to F.C. Bdy. MN-161C; thence S73°43'59"E approximately 372.72 feet to F.C. Bdy. MN-161B, also being the intersection of the west line of said Section 3 and the Fort Chaffee Military Reservation Boundary, Township 7 North, Range 31 West; thence along said west line, N02°45'06"E approximately 1387.69 feet to a F.C. Bdy. 160, said point also being the northwest corner of said Section 3; thence S86°18'32"E approximately 24.00 feet to a point, said point being the southwest corner of Section 34, Township 8 North, Range 31 West, also being F.C. Bdy. 159 = Monument No. A3-1; thence north along said Fort Chaffee Military Reservation line and also being the west boundary of Arkansas State Highway 59, N02°11'13"E approximately 2657.17 feet to Monument No. A3-6 said point also being the W¼ corner of Section 33; thence N02°43'32"E approximately 2657.67 feet to Monument No. A3-10, also being the northeast corner of said Section 33; thence leaving said east line of Section 33, S87°20'31"E along the south boundary line of Springhill Park approximately 5,280.09 feet to P.O.T.- 8 = P.O.T.-K also, being the approximate northeast corner of Section 34, Township 8 North, Range 31 West; thence continuing along said common property line of Springhill Park and Fort Chaffee Military Reservation line S86°40'07"E approximately 4,043.35 feet to F.C. Bdy MN-318; thence leaving said south property line of Springhill Park S04°17'29"W approximately 2701.28 feet to F.C. Bdy MN-318-C-1r; thence S86°59'43"E approximately 2819.50 feet to F.C. Bdy. M.N. 318-C-2-r; thence S01°17'37"E approximately 508.38 feet to F.C.Bdy M.N. 318-C-3; thence S87°00'58"W approximately 260.57 feet to F.C.Bdy. M.N. 318-C-4; thence S36°23'53"W approximately 1122.87 feet to F.C.Bdy. M.N. 318-C-5; thence N81°08'01"W approximately 973.83 feet to F.C.Bdy. M.N. 318-C-6; thence S71°21'10"W approximately 1364.97 feet to F.C.Bdy. M.N. 318-C-7; thence S52°35'04"W approximately 1397.98 feet to F.C.Bdy. M.N. 318-C-8; thence N88°32'28"W approximately 1346.13 feet F.C.Bdy. M.N. 318-C-9; thence N02°58'43"E approximately 159.50 feet to F.C. Bdy. M.N. 318-C-10; thence along the south right-of-way of an existing gravel road N87°28'46"W approximately 2266.32 to F.C. Bdy. M.N.-324; thence S53°07'57"W approximately 517.21 feet to F.C. Bdy.M.N.-324-A; thence S53°07'30"W approximately 515.15 to F.C. Bdy. 324-B; thence S53°07'44"W approximately 1038.04 feet to F.C. Bdy 325; thence S04°35'03"W approximately 348.73 to F.C. Bdy. M.N.-326; thence S22°48'39"E approximately 457.62 feet to F.C. Bdy. M.N.-327; thence S75°22'41"E approximately 2106.79 feet to F.C. Bdy. M.N.-328; thence S13°03'07"W approximately 159.18 feet to F.C. Bdy. M.N.-329; thence S13°03'05"W approximately 69.61 feet to F.C. Bdy. 330; thence S04°24'15"W

Economic Development Commission #1  
Parcel Nos. G-1 thru G-2 (continued)

approximately 528.11 feet to F.C. Bdy. M.N.-331; thence S12°43'39"W approximately 646.33 feet to F.C. Bdy. M.N.-332; thence S13°09'22"W approximately 1039.43 feet to F.C. Bdy. M.N.-333; thence S20°31'03"W approximately 652.80 feet to F.C. Bdy 334; thence S20°34'17"W approximately 364.80 feet to F.C. Bdy. M.N.-335; thence S15°16'18"W approximately 344.53 feet to F.C. Bdy. M.N.-336; thence N77°11'12"W approximately 143.81 feet to F.C. Bdy. M.N.-337; thence N70°05'39"W approximately 436.58 feet to F.C. Bdy. M.N.-338; thence N77°44'57"W approximately 493.52 feet to F.C. Bdy. M.N.-339; thence N78°21'15"W approximately 306.39 feet to F.C. Bdy. M.N.-340; thence N77°46'24"W approximately 873.65 feet to F.C. Bdy. M.N.-341; thence N12°25'45"E approximately 84.59 feet to F.C. Bdy. M.N.-342; thence N77°40'12"W approximately 307.36 feet to F.C. Bdy. M.N.-450; thence S69°57'38"W approximately 799.16 feet to F.C. Bdy. M.N.-451; thence S54°38'23"W approximately 199.96 feet to F.C. Bdy. M.N.-452; thence S19°53'57"W approximately 2160.04 feet to F.C. Bdy M.N.-453; thence S02°54'26"W approximately 1513.76 feet to F.C. Bdy. M.N.-454; thence N87°10'46"W approximately 24.98 feet to F.C. Bdy. M.N.-455; thence S03°21'20"W approximately 231.77 feet to F.C. Bdy. M.N.-456; thence S86°05'25"E approximately 24.96 feet to F.C. Bdy. M.N.-457; thence S03°54'53"W approximately 275.46 feet to F.C. Bdy. M.N.-458, lying on the south right-of-way of 35<sup>th</sup> Street; thence S86°57'34"E approximately 297.55 feet to F.C. Bdy. M.N.-459; thence S03°15'52"W along the west right-of-way of Hospital Street approximately 1458.56 feet to F.C. Bdy. M.N.-410-1, said point being on the north right-of-way of Arkansas Boulevard; thence N86°42'21"W along said north right-of-way of Arkansas Boulevard approximately 2407.41 feet to F.C. Bdy. MN-411; thence leaving said north right-of-way of Arkansas Blvd. N03°41'38"E approximately 1456.74 feet to F.C. Bdy. M.N.-500, said point being on the south right-of-way of 35<sup>th</sup> Street; thence along the south right-of-way of said 35<sup>th</sup> Street N86°42'40"W approximately 1834.32 feet to F.C. Bdy. M.N.-501, also being a Tank Trail Easement No.1, (T.T. ESMT #1); thence along the south line of said T.T. ESMT. N86°54'24"W approximately 199.88 feet to F.C. Bdy. M.N.-502, also being T.T. ESMT. #2; thence leaving said Tank Trail Easement N84°52'33"W approximately 422.10 feet to F.C. Bdy. M.N.-503; thence along the south right-of-way of Custer Blvd. N78°18'28"W approximately 2214.14 feet to F.C. Bdy. MN-380; thence S37°33'52"W approximately 632.51 feet to F.C. Bdy. M.N. 380-B; thence S37°31'56"W approximately 657.70 feet to F.C. Bdy. M.N. 380-C; thence S37°34'02"W approximately 1683.91 feet to F.C. Bdy. M.N.-381; thence S40°40'21"W approximately 7831.55 feet to F.C. Bdy. M.N.-382 said point being the point of beginning and containing 3,434.78 acres, more or less. Bearing are Arkansas Coordinate System Grid Bearings, North Zone, North American Datum of 1983. Distances are Arkansas Coordinate System Grid Distances (Combined Grid Factor = 0.9999320), North Zone, North American Datum of 1983, using the U.S. Survey foot less and except the following tracts:

*Less and Except Darby U.S. Army Reserve Center 5.68 acres more or less.*

*continued*

**AND ALSO,**

*Exceptions to Parcel No. G-1  
Ft. Chaffee Military Reservation Excess Area  
Army Reserve E.C.S.-15*

**Parcel "C"**

*A Portion Of Tract Nos. 180, 190, 191, 192, 196*

*Being part of the NW¼ of the NW¼, part of the NE¼ of the NW¼, part of the SE¼ of the NW¼, part of the SW¼ of the NW¼ and the NW¼ of the NE¼, all in Section 9, Township 7 North, Range 31 West, all in Sebastian County, Arkansas, and being more specifically described as follows:*

*Commencing at the corner common to Sections 4, 5, 8 and 9, said Township 7 North, Range 31 West, as marked by an aluminum cap marked RLS #883; thence S87°19'11"E 2869.34 feet to a point; thence S02°40'49"W 984.86 feet to the U.S. Army Corps of Engineers Bronze Cap, Monument Number A.R. BDY-1, (U.S.A.C.O.E. BRZ. CP) Monument Number A.R. BDY-1 and the point of beginning; thence N46°50'09"W 390.24 feet to (U.S.A.C.O.E. BRZ. CP) Monument Number A.R. BDY-1A; thence N46°50'09"W 390.63 feet to (U.S.A.C.O.E. BRZ CP) Monument Number A.R. BDY-2; thence S44°05'10"W 401.75 feet to (U.S.A.C.O.E. BRZ. CP-) Monument Number A.R. BDY-3; thence N58°02'19"W 318.42 feet to (U.S.A.C.O.E. BRZ CP) Monument Number A.R. BDY-4; thence N45°47'56"W 287.18 feet to (U.S.A.C.O.E. BRZ CP) Monument Number A.R. BDY-5; thence S50°43'28"W 862.40 feet to (U.S.A.C.O.E. BRZ CP) Monument Number A.R. BDY-6; thence S37°39'45"W 485.94 feet to (U.S.A.C.O.E. BRZ CP) Monument Number A.R. BDY-7; thence S58°52'35"E 375.61 feet to (U.S.A.C.O.E. BRZ. CP-) Monument Number A.R. BDY-8; thence S75°26'46"E 159.08 feet to A.R. BDY-9; thence S89°17'53"E 500.00 feet to (U.S.A.C.O.E. BRZ CP) Monument Number A.R. BDY-9A; thence continue S89°17'53"E 597.51 feet to (U.S.A.C.O.E. BRZ CP) Monument Number A.R. BDY-10; thence S88°06'30"E 89.21 feet to (U.S.A.C.O.E. BRZ CP) Monument Number A.R. BDY-11; thence N11°13'38"E 73.70 feet to (U.S.A.C.O.E. BRZ CP) Monument Number A.R. BDY-12; thence N31°14'06"E 47.52 feet to (U.S.A.C.O.E. BRZ CP) Monument Number A.R. BDY-13; thence S80°00'16"E 44.82 feet to (U.S.A.C.O.E. BRZ CP) Monument Number A.R. BDY-14; thence S46°20'30"E 105.85 feet to (U.S.A.C.O.E. BRZ CP) Monument Number A.R. BDY-15; thence N43°28'47"E 129.38 feet to (U.S.A.C.O.E. BRZ CP) Monument Number A.R. BDY-16; thence N46°51'23"W 43.89 feet to (U.S.A.C.O.E. BRZ CP) Monument Number A.R. BDY-17; thence N44°00'46"E 519.39 feet to (U.S.A.C.O.E. BRZ CP) Monument Number A.R. BDY-18; thence N53°13'03"E 62.32 feet to the point of beginning and containing 39.32 acres more or less, all of which was previously acquired in Tract Nos. 180, 0.94 acres, 190, 6.70 acres, 191, 21.59 acres, 192, 6.23 acres, and 196, 3.86 acres. Bearings are Arkansas Coordinate System Grid Bearings, north zone, North American Datum of 1983, distances are Arkansas Coordinate System Grid Distances (combined grid factor equals 0.999947), north zone, North American Datum of 1983 using U.S. Survey Foot.*

*continued*

**AND ALSO,**

*Exception to Parcel No. G-1  
Ft. Chaffee Military Reservation  
National Guard Repair Shop*

Parcel "F"  
(National Guard Repair Shop)

*Being part of the NE¼ of the NW¼, the NW¼ of NE¼, the SE¼ of the NW¼, SW¼ of the NE¼ and the NE¼ of the SW¼ all in Section 9, Township 7 North, Range 31 West, all in Sebastian County, Arkansas, and being more specifically described as follows:*

*Commencing at the corner common to Sections 9, 10, 15 and 16, said Township 7 North, Range 31 West, as marked by an aluminum cap marked RLS #883; thence N87°12'02"W 3631.21 feet to a point; thence N02°49'28"E 2282.10 feet to the U.S. Army Corps of Engineers Bronze Cap, (U.S.A.C.O.E. BRZ. CP) Monument Number F.C. BDY-505 = TT ESMT 10 and the point of beginning; thence S45°57'29"E 87.75 feet to (U.S.A.C.O.E. BRZ. CP) Monument Number F.C. BDY-506; thence N44°04'22"E 291.29 feet to (U.S.A.C.O.E. BRZ CP) Monument Number F.C. BDY-507; thence N45°56'25"W 89.89 feet to (U.S.A.C.O.E. BRZ. CP) Monument Number F.C. BDY-508; thence N44°04'52"E 517.67 feet to (U.S.A.C.O.E. BRZ CP) Monument Number F.C. BDY-508-A; thence continue N44°04'52"E 517.82 feet to (U.S.A.C.O.E. BRZ CP) Monument Number F.C. BDY-509; thence S75°36'23"E 129.54 feet to (U.S.A.C.O.E. BRZ CP) Monument Number F.C. BDY-510; thence S54°11'10"E 203.48 feet to (U.S.A.C.O.E. BRZ CP) Monument Number F.C. BDY-511; thence N44°34'02"E 287.10 feet to (U.S.A.C.O.E. BRZ CP) Monument Number F.C. BDY-512; thence N65°19'36"E 417.42 feet to (U.S.A.C.O.E. BRZ CP) Monument Number F.C. BDY-513; thence N83°10'52"E 122.87 feet to (U.S.A.C.O.E. BRZ CP) Monument Number F.C. BDY-514; thence S52°27'00"E 136.57 feet to (U.S.A.C.O.E. BRZ CP) Monument Number F.C. BDY-515; thence N41°06'46"E 92.79 feet to (U.S.A.C.O.E. BRZ CP) Monument Number F.C. BDY-516; thence N45°46'45"W 335.82 feet to (U.S.A.C.O.E. BRZ CP) Monument Number F.C. BDY-516-A; thence continue N45°46'45"W 411.08 feet to (U.S.A.C.O.E. BRZ CP) Monument Number F.C. BDY-517; thence N43°56'27"E 469.74 feet to (U.S.A.C.O.E. BRZ CP) Monument Number F.C. BDY-518; thence N45°51'17"W 225.26 feet to (U.S.A.C.O.E. BRZ CP) Monument Number F.C. BDY-519; thence S44°11'25"W 466.04 feet to (U.S.A.C.O.E. BRZ CP) Monument Number F.C. BDY-520; thence N44°45'06"W 168.40 feet to (U.S.A.C.O.E. BRZ CP) Monument Number F.C. BDY-521 = A.R. BDY 1; thence S53°13'03"W 62.32 feet to (U.S.A.C.O.E. BRZ CP) Monument Number F.C. BDY-522 = A.R. BDY 18; thence S44°00'46"W 519.39 feet to (U.S.A.C.O.E. BRZ CP) Monument Number F.C. BDY-523 = A.R. BDY 17; thence S46°51'23"E 43.89 feet to (U.S.A.C.O.E. BRZ CP) Monument Number F.C. BDY-524 = A.R. BDY 16; thence S43°28'47"W 129.38 feet to (U.S.A.C.O.E. BRZ CP) Monument Number F.C. BDY-525 = A.R. BDY 15; thence N46°20'30"W 105.85 feet to*

*continued*

**Exception to Parcel No. G-1  
Fort Chaffee Military Reservation  
National Guard Repair Shop (continued)**

*(U.S.A.C.O.E. BRZ CP) Monument Number F.C. BDY-526 = A.R. BDY 14; thence N80°00'16"W 44.82 feet to (U.S.A.C.O.E. BRZ CP) Monument Number F.C. BDY-527 = A.R. BDY 13; thence S31°14'06"W 47.52 feet to (U.S.A.C.O.E. BRZ CP) Monument Number F.C. BDY-528 = A.R. BDY 12; thence S11°13'38"W 73.70 feet to (U.S.A.C.O.E. BRZ CP) Monument Number F.C. BDY-529 = A.R. BDY 11; thence N88°06'30"W 89.22 feet to (U.S.A.C.O.E. BRZ CP) Monument Number F.C. BDY-530 = A.R. BDY 10; thence S8°29'23"W 240.62 feet to (U.S.A.C.O.E. BRZ CP) Monument Number F.C. BDY-531; thence S44°02'11"W 604.90 feet to (U.S.A.C.O.E. BRZ CP) Monument Number F.C. BDY-531-A; thence continue S44°02'11"W 604.85 feet to (U.S.A.C.O.E. BRZ CP) Monument Number F.C. BDY-532; thence S45°54'50"E 250.35 feet to (U.S.A.C.O.E. BRZ CP) Monument Number F.C. BDY-533 = TT ESMT 11; thence S45°54'02"E 200.00 feet to the point of beginning and containing 36.45 acres, all of which was previously acquired in Tract Nos. 180 (17.10 acres), 182 (0.04 acre), 189 (0.23 acre), 190 (15.57 acres), 191 (0.15 acre) and 196 (3.36 acres). Arkansas Coordinate System Grid Bearings, north zone, North American Datum of 1983, distances are Arkansas Coordinate System Grid Distances (combined grid factor equals 0.999775), north zone, North American Datum of 1983 using U.S. Survey Foot.*

**AND ALSO,**

**Exception to Parcel No. G-1  
Fort Chaffee Military Reservation  
City of Fort Smith Sanitary Landfill - Phase III**

**City of Fort Smith Sanitary Landfill - Phase III  
(Fort Chaffee Military Reservation)**

Revised November 12, 1999

*A part of the East Half (E½) of Section 12, and a part of the Northeast Quarter (NE¼) of Section 13, Township 7 North, Range 32 West, a part of the West Half (W½) of Section 7, and a part of the Northwest Quarter (NW¼) of Section 18, Township 7 North, Range 31 West, Sebastian County, Arkansas. More particularly described as follow:*

*Commencing at the Northwest (NW) corner of said Section 13; thence Southerly 660 feet more or less along the West line of said Section 13 to the South boundary of the City of Fort Smith Landfill - Phase II; thence Easterly along said South boundary 2620 feet more or less to the West line of said NE¼ of said Section 13; thence Southerly along said South boundary and along said West line 1320 feet more or less to the Southern most point of said South boundary and the Point of Beginning, said point also being on the Easterly boundary of the City of Fort Smith Sanitary Landfill - Phase II; thence N48°20'10"E,*

*continued*

*Exception to Parcel No. G-1  
Fort Chaffee Military Reservation  
City of Fort Smith Sanitary Landfill - Phase III (continued)*

*1295.12 feet along said boundary; thence S87°03'59"E, 655.60 feet along said boundary; thence N19°17'07"W, 70.87 feet along said boundary; thence N01°57'55"W, 109.15 feet along said boundary; thence N11°24'34"E, 205.54 feet along said boundary; thence N19°22'06"E, 157.73 feet along said boundary; thence N27°35'04"E, 214.81 feet along said boundary; thence N26°04'17"E, 51.91 feet along said boundary; thence N10°02'11"E, 99.04 feet along said boundary; thence N06°36'27"W, 215.11 feet along said boundary; thence N01°56'09"W, 107.67 feet along said boundary; thence N07°08'34"E, 109.42 feet along said boundary; thence N20°46'09"E, 373.35 feet along said boundary; thence N27°25'37"E, 214.06 feet along said boundary; thence N35°19'03"E, 157.46 feet along said boundary; thence N42°08'56"E, 362.80 feet along said boundary; thence N57°14'10"E, 159.89 feet along said boundary; thence N60°35'17"E, 102.30 feet along said boundary; thence N50°48'07"E, 113.92 feet along said boundary; thence N41°14'00"W, 1737.56 feet along said boundary; thence N02°16'54"W, 508.29 feet along said boundary; thence N69°14'09"W, 1095.41 feet along said boundary to the proposed South right of way of Planter Road; thence N69°42'13"E, 2059.91 feet along said right of way; thence N80°03'44"E, 912.34 feet along said right of way; thence N87°19'03"E, 290.53 feet along said right of way; thence S25°57'49"E, 2250.89 feet; thence S76°51'52"W, 513.95 feet; thence S71°23'41"W, 370.00 feet; thence S41°52'34"W, 715.00 feet; thence S52°38'33"W, 1335.00 feet; thence S27°03'37"W, 640.00 feet; thence S66°46'38"E, 650.00 feet; thence N59°53'13"E, 760.00 feet; thence S68°36'50"E, 1200.00 feet; thence S56°35'28"E, 980.00 feet; thence S02°08'47"W, 950.88 feet; thence S33°42'46"W, 1180.24 feet; thence S02°33'42"W, 242.28 feet; thence N85°53'39"W, 2179.05 feet; thence N88°21'20"W, 2320 feet more or less to a point on the west line of said NE¼ of Section 13, said point being 50.00 feet north of the SW corner thereof; thence Northerly, 624 feet more or less along said West line to the Point of Beginning. Containing 412.30 acres more or less.*

**AND ALSO,**

*Exception of Parcel No. G-1  
LOT #15  
Ben Geren Park Expansion  
Arkansas Game and Fish Commission*

**Lot #15**  
**(LEGAL DESCRIPTION)**

*A tract of land situated in the Northeast Quarter and the Southeast Quarter of Section Seven, Township Seven North, Range Thirty-one West of the Fifth Principal Meridian (NE¼ & SE¼ Section 7, T-7-N, R-31-W 5<sup>th</sup> P.M.), located in Sebastian County, Arkansas, being more particularly described as follows:*

*continued*

**APPENDIX E**  
**REGULATORY DATABASE SEARCH RESULTS**



**EDR**® Environmental  
Data Resources Inc

## **The EDR Radius Map with GeoCheck®**

**ECS #15  
11408 Roberts Boulevard  
Fort Smith, AR 72905**

**Inquiry Number: 1920008.2s**

**May 04, 2007**

## **The Standard in Environmental Risk 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](http://www.edrnet.com)

# TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary .....	ES1
Overview Map .....	2
Detail Map .....	3
Map Findings Summary .....	4
Map Findings .....	6
Orphan Summary .....	7
Government Records Searched/Data Currency Tracking .....	GR-1
 <b><u>GEOCHECK ADDENDUM</u></b>	
Physical Setting Source Addendum .....	A-1
Physical Setting Source Summary .....	A-2
Physical Setting Source Map .....	A-7
Physical Setting Source Map Findings .....	A-8
Physical Setting Source Records Searched .....	A-12

*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

11408 ROBERTS BOULEVARD  
FORT SMITH, AR 72905

#### COORDINATES

Latitude (North): 35.306800 - 35° 18' 24.5"  
Longitude (West): 94.307300 - 94° 18' 26.3"  
Universal Transverse Mercator: Zone 15  
UTM X (Meters): 381147.5  
UTM Y (Meters): 3907652.2  
Elevation: 455 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 35094-C3 BARLING, AR  
Most Recent Revision: 1987

### TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 6 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
EQUIPMENT CONCENTRATION NUMBER 15 11408 ROBERTS BOULEVARD FORT CHAFFEE, AR 72905	FINDS	110003407368

### 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

## EXECUTIVE SUMMARY

<b>NPL LIENS</b>	Federal Superfund Liens
<b>CERCLIS</b>	Comprehensive Environmental Response, Compensation, and Liability Information System
<b>CERC-NFRAP</b>	CERCLIS No Further Remedial Action Planned
<b>CORRACTS</b>	Corrective Action Report
<b>RCRA-TSDF</b>	Resource Conservation and Recovery Act Information
<b>RCRA-LQG</b>	Resource Conservation and Recovery Act Information
<b>RCRA-SQG</b>	Resource Conservation and Recovery Act Information
<b>ERNS</b>	Emergency Response Notification System
<b>HMIRS</b>	Hazardous Materials Information Reporting System
<b>US ENG CONTROLS</b>	Engineering Controls Sites List
<b>US INST CONTROL</b>	Sites with Institutional Controls
<b>FUDS</b>	Formerly Used Defense Sites
<b>US BROWNFIELDS</b>	A Listing of Brownfields Sites
<b>CONSENT</b>	Superfund (CERCLA) Consent Decrees
<b>ROD</b>	Records Of Decision
<b>UMTRA</b>	Uranium Mill Tailings Sites
<b>ODI</b>	Open Dump Inventory
<b>TRIS</b>	Toxic Chemical Release Inventory System
<b>TSCA</b>	Toxic Substances Control Act
<b>FTTS</b>	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
<b>SSTS</b>	Section 7 Tracking Systems
<b>LUCIS</b>	Land Use Control Information System
<b>DOT OPS</b>	Incident and Accident Data
<b>ICIS</b>	Integrated Compliance Information System
<b>HIST FTTS</b>	FIFRA/TSCA Tracking System Administrative Case Listing
<b>US CDL</b>	Clandestine Drug Labs
<b>RADINFO</b>	Radiation Information Database
<b>PADS</b>	PCB Activity Database System
<b>MLTS</b>	Material Licensing Tracking System
<b>MINES</b>	Mines Master Index File
<b>RAATS</b>	RCRA Administrative Action Tracking System

### STATE AND LOCAL RECORDS

<b>SHWS</b>	Hazardous Substance Remedial Action Trust Fund Priority List
<b>SWF/LF</b>	Solid Waste Facility Permit Database
<b>SWID</b>	Solid Waste Illegal Dumps Database
<b>SWRCY</b>	Recycling Directory
<b>LTANKS</b>	Leaking Storage Tank Location Listing
<b>UST</b>	Underground Storage Tank Data
<b>AST</b>	Aboveground Tank Database
<b>SPILLS</b>	Emergency Response Incidents
<b>INST CONTROL</b>	Institutional Control/Land Use Restriction Sites
<b>VCP</b>	Voluntary Cleanup Program Sites
<b>BROWNFIELDS</b>	Brownfields Projects
<b>ENF</b>	Consent Administrative Order, Notice of Violation Information Database
<b>AR Sludge</b>	Poultry Sludge Permit Sites
<b>PERMITS</b>	Permit Data System
<b>AIRS</b>	Permitted Facility Emission & Stack Data
<b>ASBESTOS</b>	Asbestos Notification of Intent Database

### TRIBAL RECORDS

<b>INDIAN RESERV</b>	Indian Reservations
----------------------	---------------------

## EXECUTIVE SUMMARY

**INDIAN LUST**..... Leaking Underground Storage Tanks on Indian Land  
**INDIAN UST**..... Underground Storage Tanks on Indian Land

### EDR PROPRIETARY RECORDS

**Manufactured Gas Plants**... EDR Proprietary Manufactured Gas Plants

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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.

### FEDERAL RECORDS

**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 12/31/2005 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 CHAFFEE (CLOSED)		0 - 1/8	0	6

## EXECUTIVE SUMMARY

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

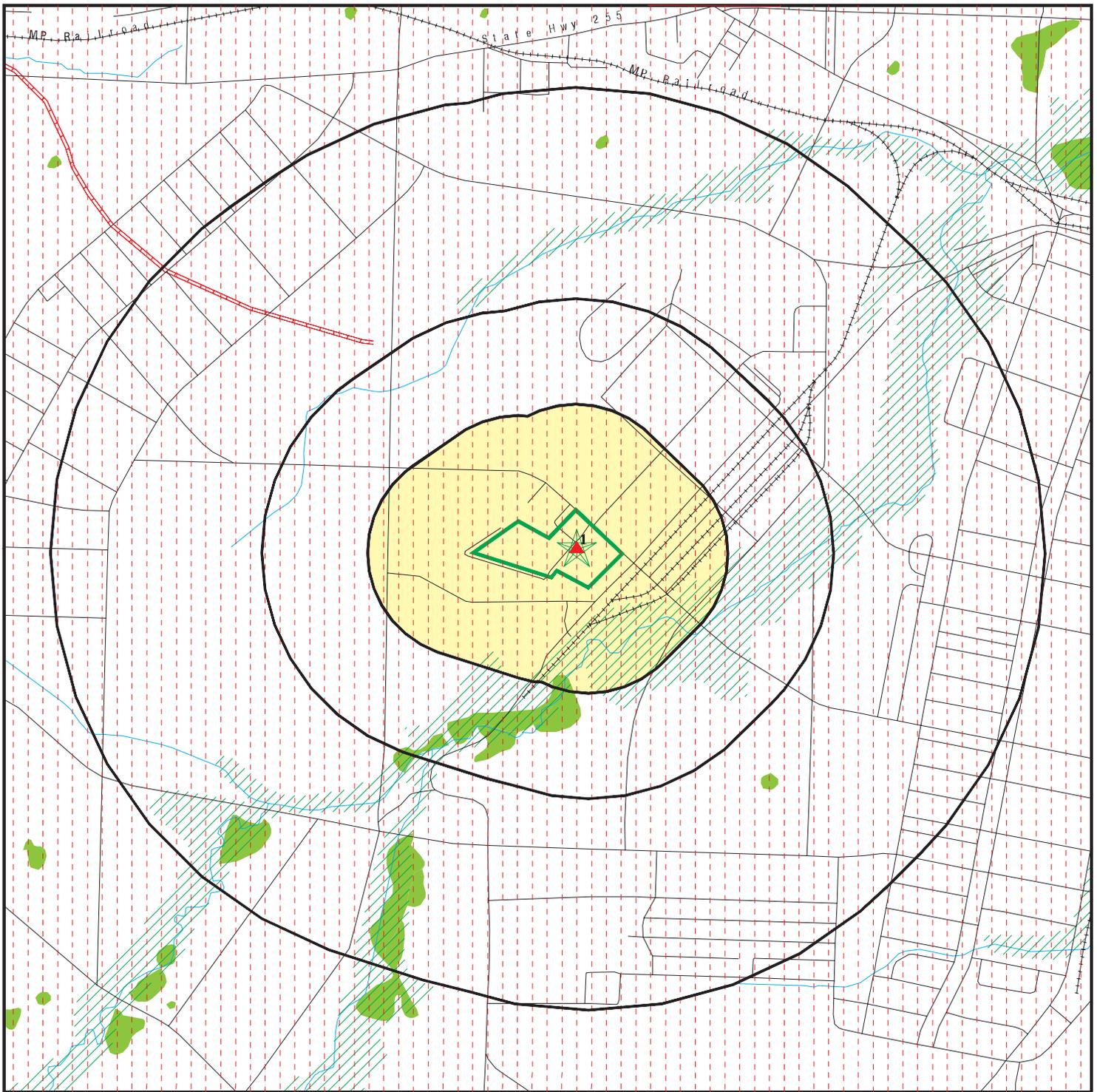
Site Name

BUILDING #145  
FORT CHAFFEE-SITE #14,TANK M43  
FORT CHAFFEE-TKS M433,M434,M43

Database(s)

LTANKS  
AST  
AST

# OVERVIEW MAP - 1920008.2s



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

Dept. Defense Sites

Indian Reservations BIA

Oil & Gas pipelines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

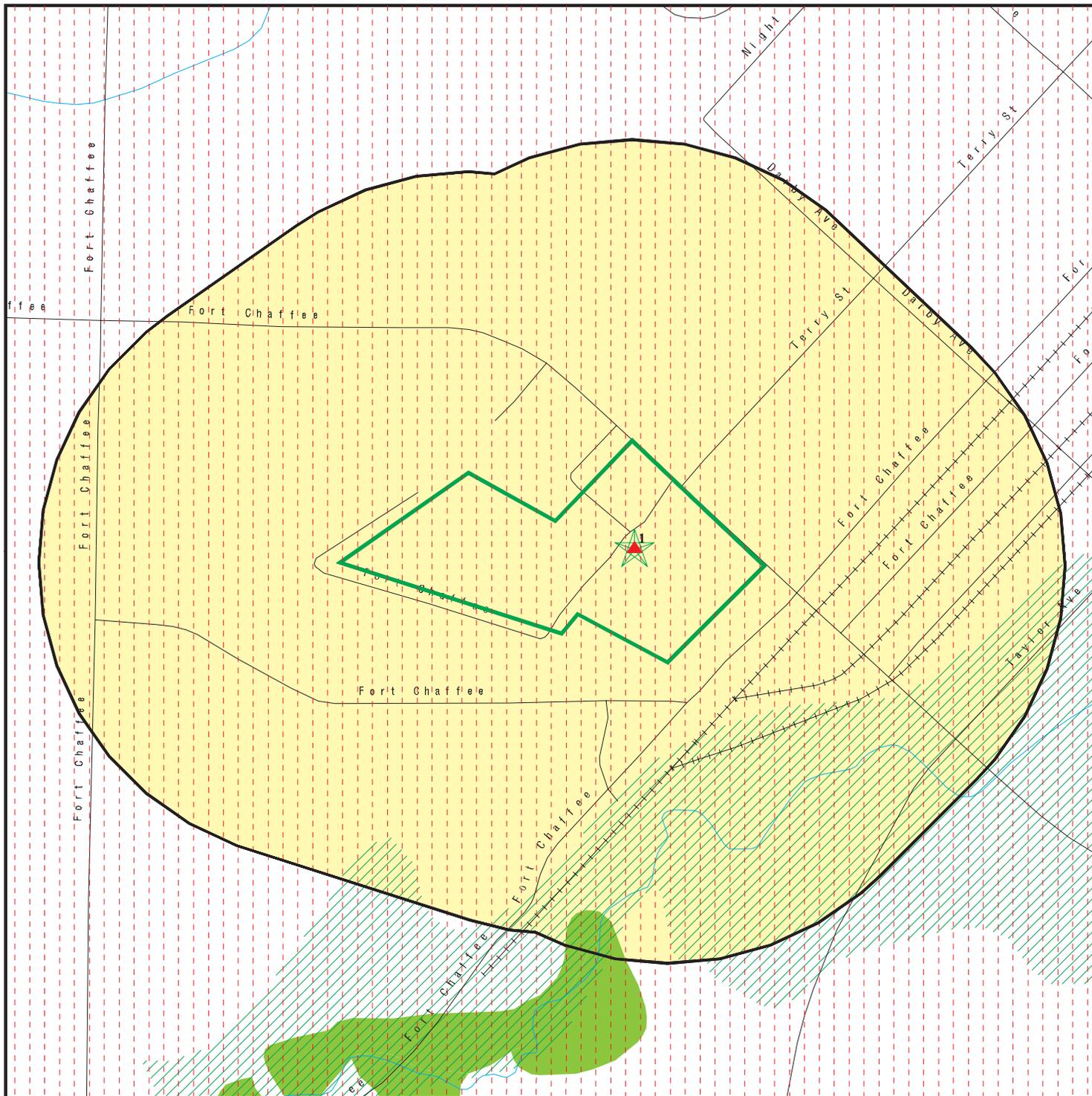


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: ECS #15  
 ADDRESS: 11408 Roberts Boulevard  
 Fort Smith AR 72905  
 LAT/LONG: 35.3068 / 94.3073

CLIENT: ENSAFE  
 CONTACT: Helen Brady  
 INQUIRY #: 1920008.2s  
 DATE: May 04, 2007 1:09 pm

# DETAIL MAP - 1920008.2s



-  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
-  Dept. Defense Sites



-  Indian Reservations BIA
-  Oil & Gas pipelines
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory
-  State Wetlands



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: ECS #15  
 ADDRESS: 11408 Roberts Boulevard  
 Fort Smith AR 72905  
 LAT/LONG: 35.3068 / 94.3073

CLIENT: ENSAFE  
 CONTACT: Helen Brady  
 INQUIRY #: 1920008.2s  
 DATE: May 04, 2007 1:09 pm

## 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
<b><u>FEDERAL RECORDS</u></b>								
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 LIENS		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	0	NR	0
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	0	NR	NR	NR	0
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
LUCIS		0.500	0	0	0	NR	NR	0
DOT OPS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
RADINFO		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	X	TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
<b><u>STATE AND LOCAL RECORDS</u></b>								
State Haz. Waste		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
SWID		0.500	0	0	0	NR	NR	0
SWRCY		0.500	0	0	0	NR	NR	0
LTANKS		0.500	0	0	0	NR	NR	0
UST		0.250	0	0	NR	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

## MAP FINDINGS SUMMARY

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	<u>Total Plotted</u>
VCP		0.500	0	0	0	NR	NR	0
BROWNFIELDS		0.500	0	0	0	NR	NR	0
ENF		TP	NR	NR	NR	NR	NR	0
AR Sludge		0.500	0	0	0	NR	NR	0
PERMITS		TP	NR	NR	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
ASBESTOS		TP	NR	NR	NR	NR	NR	0
<b><u>TRIBAL RECORDS</u></b>								
INDIAN RESERV		1.000	0	0	0	0	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
<b><u>EDR PROPRIETARY RECORDS</u></b>								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0

**NOTES:**

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**1**            **EQUIPMENT CONCENTRATION NUMBER 15**  
**Target**     **11408 ROBERTS BOULEVARD**  
**Property**   **FORT CHAFFEE, AR 72905**

**FINDS**    **1001217221**  
               **110003407368**

**Actual:**  
**455 ft.**

**FINDS:**  
 Other Pertinent Environmental Activity Identified at Site

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.

**DOD**            **FORT CHAFFEE (CLOSED)**  
**Region**  
**< 1/8**  
**1 ft.**  
**FORT CHAFFEE (CLOSED) (County), AR**

**DOD**    **CUSA139640**  
               **N/A**

**DOD:**  
 Feature 1:     Army DOD  
 Feature 2:     Not reported  
 Feature 3:     Not reported  
 URL:            Not reported  
 Name 1:        Fort Chaffee (Closed)  
 Name 2:        Not reported  
 Name 3:        Not reported  
 State:          AR  
 DOD Site:      Yes  
 Tile name:      ARSEBASTIAN

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
FORT CHAFFEE	S100996628	BUILDING #145	FORT CHAFFEE	72905	LTANKS
FORT CHAFFEE	A100276044	FORT CHAFFEE-SITE #14,TANK M43	ROBERTS BLVD/TERRY AVE-CORNER	72905	AST
FORT CHAFFEE	A100276045	FORT CHAFFEE-TKS M433,M434,M43	ROBERTS BLVD/TERRY AVE-CORNER	72905	AST

# 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: 01/25/2007	Source: EPA
Date Data Arrived at EDR: 01/31/2007	Telephone: N/A
Date Made Active in Reports: 03/12/2007	Last EDR Contact: 05/03/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 07/30/2007
	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 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

### **Proposed NPL: Proposed National Priority List Sites**

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 09/27/2006	Source: EPA
Date Data Arrived at EDR: 11/01/2006	Telephone: N/A
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 05/03/2007
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/30/2007
	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: 12/28/2006	Source: EPA
Date Data Arrived at EDR: 01/31/2007	Telephone: N/A
Date Made Active in Reports: 03/12/2007	Last EDR Contact: 05/03/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 07/30/2007
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **NPL LIENS:** 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: 03/26/2007
Number of Days to Update: 56	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: No Update Planned

## **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: 02/27/2007	Source: EPA
Date Data Arrived at EDR: 03/21/2007	Telephone: 703-603-8960
Date Made Active in Reports: 04/27/2007	Last EDR Contact: 03/21/2007
Number of Days to Update: 37	Next Scheduled EDR Contact: 06/18/2007
	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: 12/20/2006	Source: EPA
Date Data Arrived at EDR: 01/29/2007	Telephone: 703-603-8960
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 03/19/2007
Number of Days to Update: 29	Next Scheduled EDR Contact: 06/18/2007
	Data Release Frequency: Quarterly

## **CORRACTS:** Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/14/2007	Source: EPA
Date Data Arrived at EDR: 03/20/2007	Telephone: 800-424-9346
Date Made Active in Reports: 04/27/2007	Last EDR Contact: 03/05/2007
Number of Days to Update: 38	Next Scheduled EDR Contact: 06/04/2007
	Data Release Frequency: Quarterly

## **RCRA:** Resource Conservation and Recovery Act Information

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/13/2006	Source: EPA
Date Data Arrived at EDR: 06/28/2006	Telephone: 214-665-6444
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 05/04/2007
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/16/2007
	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: 12/31/2006	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/24/2007	Telephone: 202-267-2180
Date Made Active in Reports: 03/12/2007	Last EDR Contact: 04/24/2007
Number of Days to Update: 47	Next Scheduled EDR Contact: 07/23/2007
	Data Release Frequency: Annually

### **HMIRS:** Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 11/28/2006	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 01/17/2007	Telephone: 202-366-4555
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 04/17/2007
Number of Days to Update: 41	Next Scheduled EDR Contact: 07/16/2007
	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: 01/24/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/31/2007	Telephone: 703-603-8905
Date Made Active in Reports: 04/04/2007	Last EDR Contact: 04/02/2007
Number of Days to Update: 63	Next Scheduled EDR Contact: 07/02/2007
	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: 01/24/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/31/2007	Telephone: 703-603-8905
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 04/02/2007
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/02/2007
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **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: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 703-692-8801
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 02/08/2007
Number of Days to Update: 62	Next Scheduled EDR Contact: 05/07/2007
	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: 12/31/2005	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 09/20/2006	Telephone: 202-528-4285
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 04/02/2007
Number of Days to Update: 63	Next Scheduled EDR Contact: 07/02/2007
	Data Release Frequency: Varies

## **US BROWNFIELDS:** A Listing of Brownfields Sites

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: 01/29/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/31/2007	Telephone: 202-566-2777
Date Made Active in Reports: 04/04/2007	Last EDR Contact: 03/12/2007
Number of Days to Update: 63	Next Scheduled EDR Contact: 06/11/2007
	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: 08/23/2006	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 03/06/2007	Telephone: Varies
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 04/23/2007
Number of Days to Update: 35	Next Scheduled EDR Contact: 07/23/2007
	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: 03/27/2007	Source: EPA
Date Data Arrived at EDR: 03/27/2007	Telephone: 703-416-0223
Date Made Active in Reports: 04/27/2007	Last EDR Contact: 03/27/2007
Number of Days to Update: 31	Next Scheduled EDR Contact: 07/02/2007
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **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: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 11/08/2006	Telephone: 505-845-0011
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 03/20/2007
Number of Days to Update: 82	Next Scheduled EDR Contact: 06/18/2007
	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

## **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: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 06/22/2006	Telephone: 202-566-0250
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 04/27/2007
Number of Days to Update: 62	Next Scheduled EDR Contact: 06/18/2007
	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: 04/16/2007
Number of Days to Update: 46	Next Scheduled EDR Contact: 07/16/2007
	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: 02/26/2007	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-566-1667
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 03/19/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 06/18/2007
	Data Release Frequency: Quarterly

## **FTTS INSP:** FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 02/26/2007	Source: EPA
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-566-1667
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 03/19/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 06/18/2007
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **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: 12/31/2005	Source: EPA
Date Data Arrived at EDR: 03/13/2007	Telephone: 202-564-4203
Date Made Active in Reports: 04/27/2007	Last EDR Contact: 04/12/2007
Number of Days to Update: 45	Next Scheduled EDR Contact: 07/16/2007
	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: 11/06/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/02/2007	Telephone: 202-564-5088
Date Made Active in Reports: 04/04/2007	Last EDR Contact: 04/16/2007
Number of Days to Update: 61	Next Scheduled EDR Contact: 07/16/2007
	Data Release Frequency: Quarterly

## **HIST FTTS:** FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 03/19/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 06/18/2007
	Data Release Frequency: No Update Planned

## **CDL:** Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/01/2006	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 01/08/2007	Telephone: 202-307-1000
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 04/27/2007
Number of Days to Update: 3	Next Scheduled EDR Contact: 06/25/2007
	Data Release Frequency: Quarterly

## **RADINFO:** Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/30/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/31/2007	Telephone: 202-343-9775
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 05/03/2007
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/30/2007
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **DOT OPS:** Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 02/14/2007

Date Data Arrived at EDR: 02/28/2007

Date Made Active in Reports: 04/10/2007

Number of Days to Update: 41

Source: Department of Transportation, Office of Pipeline Safety

Telephone: 202-366-4595

Last EDR Contact: 02/28/2007

Next Scheduled EDR Contact: 05/28/2007

Data Release Frequency: Varies

## **LUCIS:** Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005

Date Data Arrived at EDR: 12/11/2006

Date Made Active in Reports: 01/11/2007

Number of Days to Update: 31

Source: Department of the Navy

Telephone: 843-820-7326

Last EDR Contact: 03/26/2007

Next Scheduled EDR Contact: 06/11/2007

Data Release Frequency: Varies

## **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: 10/17/2006

Date Data Arrived at EDR: 11/29/2006

Date Made Active in Reports: 01/11/2007

Number of Days to Update: 43

Source: EPA

Telephone: 202-566-0500

Last EDR Contact: 03/02/2007

Next Scheduled EDR Contact: 05/07/2007

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: 01/11/2007

Date Data Arrived at EDR: 01/26/2007

Date Made Active in Reports: 02/27/2007

Number of Days to Update: 32

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169

Last EDR Contact: 04/02/2007

Next Scheduled EDR Contact: 07/02/2007

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: 11/15/2006

Date Data Arrived at EDR: 12/28/2006

Date Made Active in Reports: 01/29/2007

Number of Days to Update: 32

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959

Last EDR Contact: 03/28/2007

Next Scheduled EDR Contact: 06/25/2007

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: 01/18/2007

Date Data Arrived at EDR: 01/23/2007

Date Made Active in Reports: 02/27/2007

Number of Days to Update: 35

Source: EPA

Telephone: (214) 665-2200

Last EDR Contact: 04/02/2007

Next Scheduled EDR Contact: 07/02/2007

Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **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: 03/05/2007
Number of Days to Update: 35	Next Scheduled EDR Contact: 06/04/2007
	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.

Date of Government Version: 12/31/2005	Source: EPA/NTIS
Date Data Arrived at EDR: 03/06/2007	Telephone: 800-424-9346
Date Made Active in Reports: 04/13/2007	Last EDR Contact: 03/06/2007
Number of Days to Update: 38	Next Scheduled EDR Contact: 06/11/2007
	Data Release Frequency: Biennially

## **STATE AND LOCAL RECORDS**

### **SHWS:** Hazardous Substance Remedial Action Trust Fund Priority List

A partial prioritized listing of sites at which remedial actions and/or investigations shall be provided by the Hazardous Substance Remedial Action Trust Fund.

Date of Government Version: 12/06/2006	Source: Department of Environmental Quality
Date Data Arrived at EDR: 01/09/2007	Telephone: 501-682-0850
Date Made Active in Reports: 02/19/2007	Last EDR Contact: 04/12/2007
Number of Days to Update: 41	Next Scheduled EDR Contact: 07/09/2007
	Data Release Frequency: Annually

### **SWF/LF:** Solid Waste Facility Permit Database

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: 03/05/2007	Source: Department of Environmental Quality
Date Data Arrived at EDR: 03/07/2007	Telephone: 501-682-0597
Date Made Active in Reports: 04/18/2007	Last EDR Contact: 03/07/2007
Number of Days to Update: 42	Next Scheduled EDR Contact: 06/04/2007
	Data Release Frequency: Quarterly

### **SWID:** Solid Waste Illegal Dumps Database

A listing of illegal solid waste dumps.

Date of Government Version: 03/05/2007	Source: Department of Environmental Quality
Date Data Arrived at EDR: 03/07/2007	Telephone: 501-682-0600
Date Made Active in Reports: 04/18/2007	Last EDR Contact: 03/07/2007
Number of Days to Update: 42	Next Scheduled EDR Contact: 06/04/2007
	Data Release Frequency: Quarterly

### **SWRCY:** Recycling Directory

A listing of recycling facilities.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/15/2006  
Date Data Arrived at EDR: 12/04/2006  
Date Made Active in Reports: 12/29/2006  
Number of Days to Update: 25

Source: Department of Environmental Quality  
Telephone: 501-682-0865  
Last EDR Contact: 03/09/2007  
Next Scheduled EDR Contact: 06/04/2007  
Data Release Frequency: Semi-Annually

## **LTANKS:** Leaking Underground Storage Tank Data

A listing of leaking underground and aboveground storage tank locations.

Date of Government Version: 01/15/2007  
Date Data Arrived at EDR: 01/16/2007  
Date Made Active in Reports: 02/19/2007  
Number of Days to Update: 34

Source: Department of Environmental Quality  
Telephone: 501-682-0984  
Last EDR Contact: 04/17/2007  
Next Scheduled EDR Contact: 07/16/2007  
Data Release Frequency: Quarterly

## **UST:** Underground Storage Tank Data

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: 01/15/2007  
Date Data Arrived at EDR: 01/16/2007  
Date Made Active in Reports: 02/07/2007  
Number of Days to Update: 22

Source: Department of Environmental Quality  
Telephone: 501-682-0984  
Last EDR Contact: 04/17/2007  
Next Scheduled EDR Contact: 07/16/2007  
Data Release Frequency: Quarterly

## **AST:** Aboveground Tank Database

Aboveground storage tank locations.

Date of Government Version: 01/15/2007  
Date Data Arrived at EDR: 01/16/2007  
Date Made Active in Reports: 02/07/2007  
Number of Days to Update: 22

Source: Department of Environmental Quality  
Telephone: 501-682-0984  
Last EDR Contact: 04/17/2007  
Next Scheduled EDR Contact: 07/16/2007  
Data Release Frequency: Quarterly

## **SPILLS:** Emergency Response Incidents

Spills and releases notified to the Department of Environmental Quality

Date of Government Version: 02/05/2007  
Date Data Arrived at EDR: 02/06/2007  
Date Made Active in Reports: 02/28/2007  
Number of Days to Update: 22

Source: Department of Environmental Quality  
Telephone: 501-682-0716  
Last EDR Contact: 02/06/2007  
Next Scheduled EDR Contact: 05/07/2007  
Data Release Frequency: Quarterly

## **INST CONTROL:** Institutional Control/Land Use Restriction Sites

Sites that have institutional controls and/or land use restrictions in place.

Date of Government Version: 12/01/2005  
Date Data Arrived at EDR: 01/03/2006  
Date Made Active in Reports: 02/07/2006  
Number of Days to Update: 35

Source: Department of Environmental Quality  
Telephone: 501-682-0867  
Last EDR Contact: 04/12/2007  
Next Scheduled EDR Contact: 06/11/2007  
Data Release Frequency: Varies

## **VCP:** Voluntary Cleanup Program Sites

A listing of Voluntary Cleanup Program projects.

Date of Government Version: 01/12/2006  
Date Data Arrived at EDR: 01/23/2006  
Date Made Active in Reports: 02/27/2006  
Number of Days to Update: 35

Source: Department of Environmental Quality  
Telephone: 501-682-0867  
Last EDR Contact: 04/02/2007  
Next Scheduled EDR Contact: 06/11/2007  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **BROWNFIELDS:** Brownfields Projects

Projects that the Department of Environmental Quality has received Brownfields applications for.

Date of Government Version: 12/01/2005  
Date Data Arrived at EDR: 01/03/2006  
Date Made Active in Reports: 02/07/2006  
Number of Days to Update: 35

Source: Department of Environmental Quality  
Telephone: 501-682-0867  
Last EDR Contact: 04/12/2007  
Next Scheduled EDR Contact: 06/11/2007  
Data Release Frequency: Varies

## **ENFORCEMENT:** Consent Administrative Order, Notice of Violation Information Database

Violations issued to facilities in various Department of Environmental Quality programs, including Air, Hazardous Waste, Storage Tanks, Solid Waste and Water.

Date of Government Version: 01/15/2007  
Date Data Arrived at EDR: 01/16/2007  
Date Made Active in Reports: 02/19/2007  
Number of Days to Update: 34

Source: Department of Environmental Quality  
Telephone: 501-682-0892  
Last EDR Contact: 04/17/2007  
Next Scheduled EDR Contact: 07/16/2007  
Data Release Frequency: Varies

## **SLUDGE:** Poultry Sludge Permit Sites

Broiler fryer roast chickens, chicken eggs, poultry hatcheries, poultry and egg processing sites.

Date of Government Version: 01/09/2007  
Date Data Arrived at EDR: 01/09/2007  
Date Made Active in Reports: 02/19/2007  
Number of Days to Update: 41

Source: Department of Environmental Quality  
Telephone: 501-682-0673  
Last EDR Contact: 04/10/2007  
Next Scheduled EDR Contact: 07/09/2007  
Data Release Frequency: Quarterly

## **PERMITS:** Permit Data System

A list of sites permitted by the Department of Environmental Quality, including Air, Mining, Solid Waste and Water.

Date of Government Version: 01/09/2007  
Date Data Arrived at EDR: 01/09/2007  
Date Made Active in Reports: 02/19/2007  
Number of Days to Update: 41

Source: Department of Environmental Quality  
Telephone: 501-682-0673  
Last EDR Contact: 04/10/2007  
Next Scheduled EDR Contact: 07/09/2007  
Data Release Frequency: Quarterly

## **AIRS:** Permitted Facility Emission & Stack Data

Permitted facility emissions and stack data for the state.

Date of Government Version: 01/22/2007  
Date Data Arrived at EDR: 01/23/2007  
Date Made Active in Reports: 02/19/2007  
Number of Days to Update: 27

Source: Department of Environmental Quality  
Telephone: 501-682-0726  
Last EDR Contact: 04/25/2007  
Next Scheduled EDR Contact: 07/23/2007  
Data Release Frequency: Quarterly

## **ASBESTOS:** Asbestos Notification of Intent Database

The database contains all properties/facilities that have submitted a Notice of Intent for renovation or demolition activities.

Date of Government Version: 02/19/2007  
Date Data Arrived at EDR: 02/21/2007  
Date Made Active in Reports: 02/28/2007  
Number of Days to Update: 7

Source: Department of Environmental Quality  
Telephone: 501-682-0717  
Last EDR Contact: 02/21/2007  
Next Scheduled EDR Contact: 05/21/2007  
Data Release Frequency: Quarterly

## **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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 02/06/2006	Telephone: 202-208-3710
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 02/08/2007
Number of Days to Update: 339	Next Scheduled EDR Contact: 05/07/2007
	Data Release Frequency: Semi-Annually

**INDIAN LUST R8:** Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 02/19/2007	Source: EPA Region 8
Date Data Arrived at EDR: 02/27/2007	Telephone: 303-312-6271
Date Made Active in Reports: 04/04/2007	Last EDR Contact: 02/19/2007
Number of Days to Update: 36	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Quarterly

**INDIAN LUST R7:** Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 09/06/2006	Source: EPA Region 7
Date Data Arrived at EDR: 10/04/2006	Telephone: 913-551-7003
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 02/19/2007
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Varies

**INDIAN LUST R6:** Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 01/04/2005	Source: EPA Region 6
Date Data Arrived at EDR: 01/21/2005	Telephone: 214-665-6597
Date Made Active in Reports: 02/28/2005	Last EDR Contact: 02/19/2007
Number of Days to Update: 38	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Varies

**INDIAN LUST R4:** Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Florida, Minnesota, Mississippi and North Carolina.

Date of Government Version: 08/24/2006	Source: EPA Region 4
Date Data Arrived at EDR: 09/11/2006	Telephone: 404-562-8677
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 02/19/2007
Number of Days to Update: 58	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Semi-Annually

**INDIAN LUST R1:** Leaking Underground Storage Tanks on Indian Land  
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006	Source: EPA Region 1
Date Data Arrived at EDR: 12/01/2006	Telephone: 617-918-1313
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 02/19/2007
Number of Days to Update: 59	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Varies

**INDIAN LUST R10:** Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 03/01/2007	Source: EPA Region 10
Date Data Arrived at EDR: 03/01/2007	Telephone: 206-553-2857
Date Made Active in Reports: 04/04/2007	Last EDR Contact: 02/19/2007
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/21/2007
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**INDIAN LUST R9:** Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/30/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/30/2007	Telephone: 415-972-3372
Date Made Active in Reports: 04/27/2007	Last EDR Contact: 02/19/2007
Number of Days to Update: 28	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Quarterly

**INDIAN UST R10:** Underground Storage Tanks on Indian Land

Date of Government Version: 03/01/2007	Source: EPA Region 10
Date Data Arrived at EDR: 03/01/2007	Telephone: 206-553-2857
Date Made Active in Reports: 04/04/2007	Last EDR Contact: 02/19/2007
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Quarterly

**INDIAN UST R9:** Underground Storage Tanks on Indian Land

Date of Government Version: 03/26/2007	Source: EPA Region 9
Date Data Arrived at EDR: 03/27/2007	Telephone: 415-972-3368
Date Made Active in Reports: 04/27/2007	Last EDR Contact: 02/19/2007
Number of Days to Update: 31	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Quarterly

**INDIAN UST R4:** Underground Storage Tanks on Indian Land

Date of Government Version: 08/24/2006	Source: EPA Region 4
Date Data Arrived at EDR: 09/11/2006	Telephone: 404-562-9424
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 02/19/2007
Number of Days to Update: 58	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Semi-Annually

**INDIAN UST R6:** Underground Storage Tanks on Indian Land

Date of Government Version: 01/11/2007	Source: EPA Region 6
Date Data Arrived at EDR: 01/12/2007	Telephone: 214-665-7591
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 02/19/2007
Number of Days to Update: 17	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Semi-Annually

**INDIAN UST R1:** Underground Storage Tanks on Indian Land

A listing of underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006	Source: EPA, Region 1
Date Data Arrived at EDR: 12/01/2006	Telephone: 617-918-1313
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 02/19/2007
Number of Days to Update: 59	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Varies

**INDIAN UST R5:** Underground Storage Tanks on Indian Land

Date of Government Version: 12/02/2004	Source: EPA Region 5
Date Data Arrived at EDR: 12/29/2004	Telephone: 312-886-6136
Date Made Active in Reports: 02/04/2005	Last EDR Contact: 02/19/2007
Number of Days to Update: 37	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Varies

**INDIAN UST R8:** Underground Storage Tanks on Indian Land

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/19/2007  
Date Data Arrived at EDR: 02/27/2007  
Date Made Active in Reports: 04/04/2007  
Number of Days to Update: 36

Source: EPA Region 8  
Telephone: 303-312-6137  
Last EDR Contact: 02/19/2007  
Next Scheduled EDR Contact: 05/21/2007  
Data Release Frequency: Quarterly

## **INDIAN UST R7:** Underground Storage Tanks on Indian Land

Date of Government Version: 09/06/2006  
Date Data Arrived at EDR: 10/04/2006  
Date Made Active in Reports: 11/08/2006  
Number of Days to Update: 35

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 02/19/2007  
Next Scheduled EDR Contact: 05/21/2007  
Data Release Frequency: Varies

## **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

## **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  
Date Data Arrived at EDR: 02/17/2006  
Date Made Active in Reports: 04/07/2006  
Number of Days to Update: 49

Source: Department of Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 03/16/2007  
Next Scheduled EDR Contact: 06/11/2007  
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: 10/26/2006  
Date Data Arrived at EDR: 11/29/2006  
Date Made Active in Reports: 01/05/2007  
Number of Days to Update: 37

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 03/02/2007  
Next Scheduled EDR Contact: 05/28/2007  
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: 03/17/2006  
Date Made Active in Reports: 06/06/2006  
Number of Days to Update: 81

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 04/16/2007  
Next Scheduled EDR Contact: 06/11/2007  
Data Release Frequency: Annually

## **RI MANIFEST:** Manifest information

Hazardous waste manifest information

Date of Government Version: 04/09/2007  
Date Data Arrived at EDR: 04/12/2007  
Date Made Active in Reports: 04/27/2007  
Number of Days to Update: 15

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 03/19/2007  
Next Scheduled EDR Contact: 06/18/2007  
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: 04/24/2007  
Next Scheduled EDR Contact: 07/09/2007  
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.

**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.

## **State Wetlands Data: Wetlands, Swamps, or Marshes**

Source: Center for Advanced Spatial Technologies, University of Arkansas

Telephone: 605-594-6933

## **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<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

ECS #15  
11408 ROBERTS BOULEVARD  
FORT SMITH, AR 72905

### **TARGET PROPERTY COORDINATES**

Latitude (North):	35.30680 - 35° 18' 24.5"
Longitude (West):	94.3073 - 94° 18' 26.3"
Universal Tranverse Mercator:	Zone 15
UTM X (Meters):	381147.5
UTM Y (Meters):	3907652.2
Elevation:	455 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map:	35094-C3 BARLING, AR
Most Recent Revision:	1987

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).

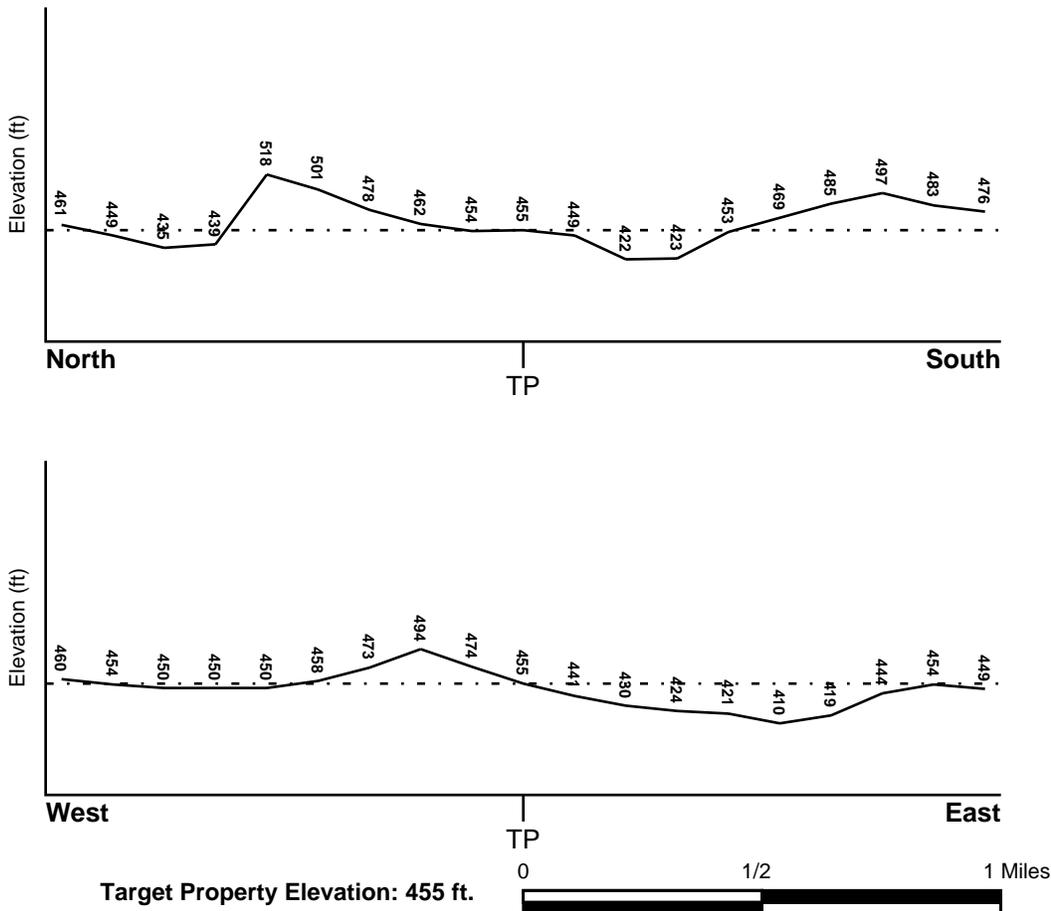
## TOPOGRAPHIC INFORMATION

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 ESE

## 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> SEBASTIAN, AR	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	0504620011B
Additional Panels in search area:	0503050001A

## **NATIONAL WETLAND INVENTORY**

<u>NWI Quad at Target Property</u> BARLING	<u>NWI Electronic Data Coverage</u> YES - refer to the Overview Map and Detail Map
---	---

## **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: Pennsylvanian  
Series: Des Moinesian Series  
Code: PP2 (*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: LEADVALE

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: MODERATE

Depth to Bedrock Min: > 48 inches

Depth to Bedrock Max: > 48 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	8 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%), silt.	Max: 2.00 Min: 0.60	Max: 5.50 Min: 4.50
2	8 inches	23 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: 5.50 Min: 4.50
3	23 inches	48 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: 0.60 Min: 0.06	Max: 5.50 Min: 4.50
4	48 inches	58 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: 0.60 Min: 0.06	Max: 5.50 Min: 4.50

### OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinator soil types may appear within the general area of target property.

Soil Surface Textures: fine sandy loam  
 gravelly - fine sandy loam  
 stony - fine sandy loam  
 flaggy - loam  
 cobbly - loam

Surficial Soil Types: fine sandy loam  
 gravelly - fine sandy loam  
 stony - fine sandy loam  
 flaggy - loam  
 cobbly - loam

Shallow Soil Types: gravelly - fine sandy loam  
 clay loam

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

silty clay  
 sandy clay loam  
 very gravelly - fine sandy loam  
 cobbly - fine sandy loam  
 very flaggy - fine sandy loam

Deeper Soil Types:   silt loam  
                           weathered bedrock  
                           unweathered bedrock  
                           fine sandy loam

## 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**

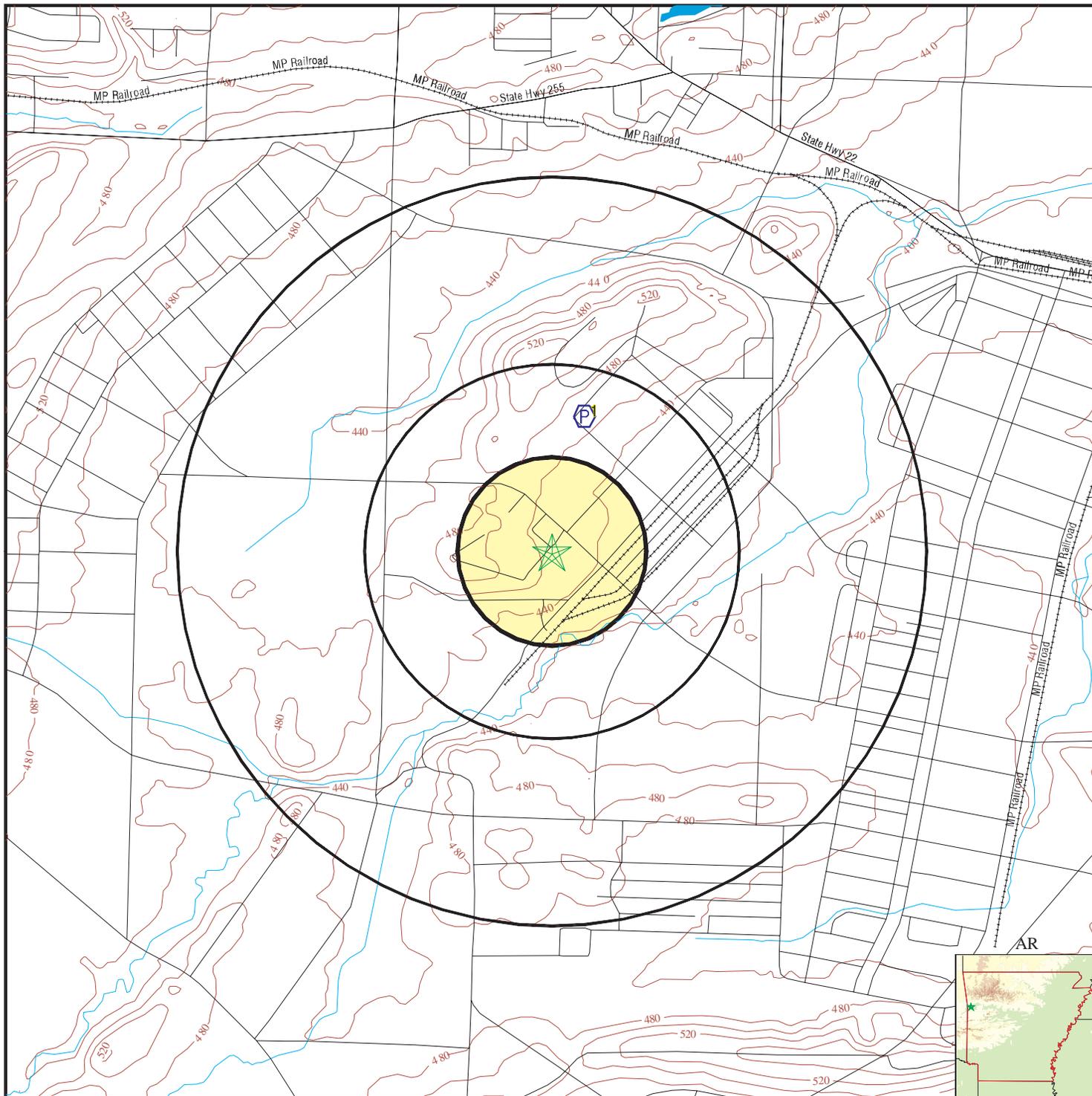
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	AR0000514	1/4 - 1/2 Mile NNE

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 - 1920008.2s



- 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
- Closest Hydrogeological Data



SITE NAME: ECS #15  
 ADDRESS: 11408 Roberts Boulevard  
 Fort Smith AR 72905  
 LAT/LONG: 35.3068 / 94.3073

CLIENT: ENSAFE  
 CONTACT: Helen Brady  
 INQUIRY #: 1920008.2s  
 DATE: May 04, 2007 1:10 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

<b>1</b>	<b>NNE</b>	<b>FRDS PWS</b>	<b>AR0000514</b>
	<b>1/4 - 1/2 Mile Higher</b>		

PWS ID:	AR0000514	PWS Status:	Not Reported
Date Initiated:	Not Reported	Date Deactivated:	Not Reported
PWS Name:	FORT CHAFFEE WATERWORKS FCMTC BUILDING 1370 FT. SMITH BLVD. RON GIBBY FORT CHAFFEE, AR 72905		

Source: Purchases surface water	
Treatment Objective: DISINFECTION	Process: GASEOUS CHLORINATION, POST

Addressee / Facility:	Operator STEVE KEUGER, CHIEF
-----------------------	---------------------------------

Facility Latitude:	35 18 43	Facility Longitude:	094 18 20
Facility Latitude:	35 40 15	Facility Longitude:	094 07 15
City Served:	Not Reported		
Treatment Class:	Treated	Population:	250

Violations information not reported.

**ENFORCEMENT INFORMATION:**

Truedate:	09/30/2006	Pwsid:	AR0000514
Pwsname:	FCMTC WATERWORKS	Pwstypcod:	C
Retpopsrvd:	8	Contaminant:	COLIFORM (TCR)
Void:	9409706		
Viol. Type:	MCL, Monthly (TCR)		
Complperbe:	5/1/2006 0:00:00	Enfdate:	7/11/2006 0:00:00
Complperen:	5/31/2006 0:00:00		
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		

Truedate:	09/30/2006	Pwsid:	AR0000514
Pwsname:	FCMTC WATERWORKS	Pwstypcod:	C
Retpopsrvd:	8	Contaminant:	COLIFORM (TCR)
Void:	9409706		
Viol. Type:	MCL, Monthly (TCR)		
Complperbe:	5/1/2006 0:00:00	Enfdate:	8/2/2006 0:00:00
Complperen:	5/31/2006 0:00:00		
Enf action:	State Public Notif Received		
Violmeasur:	Not Reported		

Truedate:	09/30/2006	Pwsid:	AR0000514
Pwsname:	FCMTC WATERWORKS	Pwstypcod:	C
Retpopsrvd:	8	Contaminant:	COLIFORM (TCR)
Void:	9409806		
Viol. Type:	MCL, Monthly (TCR)		
Complperbe:	6/1/2006 0:00:00	Enfdate:	8/10/2006 0:00:00
Complperen:	6/30/2006 0:00:00		
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate:	09/30/2006	Pwsid:	AR0000514
Pwsname:	FCMTC WATERWORKS		
Retpopsrvd:	8	Pwstypecod:	C
Vooid:	9409806	Contaminant:	COLIFORM (TCR)
Viol. Type:	MCL, Monthly (TCR)		
Complperbe:	6/1/2006 0:00:00		
Complperen:	6/30/2006 0:00:00	Enfdate:	8/22/2006 0:00:00
Enf action:	State Public Notif Received		
Violmeasur:	Not Reported		
Truedate:	09/30/2006	Pwsid:	AR0000514
Pwsname:	FCMTC WATERWORKS		
Retpopsrvd:	8	Pwstypecod:	C
Vooid:	9409906	Contaminant:	COLIFORM (TCR)
Viol. Type:	MCL, Monthly (TCR)		
Complperbe:	7/1/2006 0:00:00		
Complperen:	7/31/2006 0:00:00	Enfdate:	9/6/2006 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		
System Name:	FCMTC WATERWORKS		
Violation Type:	Notification, Public		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1999-12-01 - 1999-12-31		
Violation ID:	0001061		
Enforcement Date:	2000-02-04	Enf. Action:	State Public Notif Requested
System Name:	FCMTC WATERWORKS		
Violation Type:	Notification, Public		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1999-12-01 - 1999-12-31		
Violation ID:	0001219		
Enforcement Date:	2000-02-04	Enf. Action:	State Public Notif Requested
System Name:	FCMTC WATERWORKS		
Violation Type:	Notification, Public		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1999-12-01 - 1999-12-31		
Violation ID:	00V0001		
Enforcement Date:	2000-02-04	Enf. Action:	State Formal NOV Issued
System Name:	FCMTC WATERWORKS		
Violation Type:	CCR Complete Failure to Report		
Contaminant:	7000		
Compliance Period:	1999-10-19 - 2015-12-31		
Violation ID:	00V0001		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	FCMTC WATERWORKS		
Violation Type:	CCR Complete Failure to Report		
Contaminant:	7000		
Compliance Period:	1999-10-19 - 2015-12-31		
Violation ID:	00V0001		
Enforcement Date:	Not Reported	Enf. Action:	Not Reported
System Name:	FCMTC WATERWORKS		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	5/1/2006 0:00:00 - 5/31/2006 0:00:00		
Violation ID:	9409706		
Enforcement Date:	No Enf Action as of	Enf. Action:	10/17/2006 0:00:00



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

Federal EPA Radon Zone for SEBASTIAN County: 3

- 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 SEBASTIAN COUNTY, AR

Number of sites tested: 63

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.668 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	1.767 pCi/L	100%	0%	0%

# 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.

### **State Wetlands Data: Wetlands, Swamps, or Marshes**

Source: Center for Advanced Spatial Technologies, University of Arkansas

Telephone: 605-594-6933

## HYDROGEOLOGIC INFORMATION

### **AQUIFLOW<sup>R</sup> 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

#### **Arkansas Community Public Water Systems**

Source: Health Department

Telephone: 501-661-2623

## OTHER STATE DATABASE INFORMATION

### RADON

#### **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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# **EDR Site Report™**

**FORT CHAFFEE-SITE #14,TANK M43  
ROBERTS BLVD/TERRY AVE-CORNER  
FORT CHAFFEE, AR 72905**

**Inquiry Number:**

**May 16, 2007**

## **The Standard in Environmental Risk 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](http://www.edrnet.com)

# TABLE OF CONTENTS

The EDR-Site Report™ is a comprehensive presentation of government filings on a facility identified in a search of over 4 million government records from more than 600 federal, state and local environmental databases. The report is divided into three sections:

**Section 1: Facility Summary . . . . . Page 3**

Summary of facility filings including a review of the following areas: waste management, waste disposal, multi-media issues, and Superfund liability.

**Section 2: Facility Detail Reports . . . . . Page 4**

All available detailed information from databases where sites are identified.

**Section 3: Databases Searched and Update Information. . . . . Page 5**

Name, source, update dates, contact phone number and description of each of the databases searched for this report.

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

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# SECTION 1: FACILITY SUMMARY

FACILITY	FACILITY 1 FORT CHAFFEE-SITE #14, TANK M43 ROBERTS BLVD/TERRY AVE-CORNER FORT CHAFFEE, AR 72905 EDR ID #A100276044
AREA	
<b>WASTE MANAGEMENT</b> Facility generates hazardous waste (RCRA)	NO
Facility treats, stores, or disposes of hazardous waste on-site (RCRA/TSD)	NO
Facility has received Notices of Violations (RCRA/VIOL)	NO
Facility has been subject to RCRA administrative actions (RAATS)	NO
Facility has been subject to corrective actions (CORRACTS)	NO
Facility handles PCBs (PADS)	NO
Facility uses radioactive materials (MLTS)	NO
Facility manages registered aboveground storage tanks (AST)	<b>YES - p4</b>
Facility manages registered underground storage tanks (UST)	NO
Facility has reported leaking underground storage tank incidents (LUST)	NO
Facility has reported emergency releases to the soil (ERNS)	NO
Facility has reported hazardous material incidents to DOT (HMIRS)	NO
<b>WASTE DISPOSAL</b> Facility is a Superfund Site (NPL)	NO
Facility has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (CERCLIS)	NO
Facility has a reported Superfund Lien on it (LIENS)	NO
Facility is listed as a state hazardous waste site (SHWS)	NO
Facility has disposed of solid waste on-site (SWF/LF)	NO
<b>MULTIMEDIA</b> Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS)	NO
Facility produces pesticides and has notified EPA under Section 7 of FIFRA (SSTS)	NO
Facility manufactures or imports toxic chemicals on the TSCA list (TSCA)	NO
Facility has inspections under FIFRA, TSCA or EPCRA (FTTS)	NO
Facility is listed in EPA's index system (FINDS)	NO
Facility is listed in a county/local unique database (LOCAL)	NO
<b>POTENTIAL SUPERFUND LIABILITY</b> Facility has a list of potentially responsible parties PRP	NO
<b>TOTAL (YES)</b>	1

## SECTION 2: FACILITY DETAIL REPORTS

### WASTE MANAGEMENT

Facility manages registered aboveground storage tanks

**DATABASE: Aboveground Storage Tank Database (AST)**

FORT CHAFFEE-SITE #14,TANK M43  
ROBERTS BLVD/TERRY AVE-CORNER  
FORT CHAFFEE, AR 72905  
EDR ID #A100276044

AST:

Facility ID:	66001772	Tank ID:	1
Substance:	Not reported		
Capacity:	10000		
Install Date:	1/1/1970	Last Used Date:	4/22/1999
Removal Status:	Tank Not Permanently Removed	Gallons Removed:	Not reported
Tank Material:	Not reported		
Pipe Material:	F, CARBON STEEL		
Entry Clerk:	NORTONC	Edtry Date:	6/14/1999
Update Clerk:	SCHENK	Update Date:	3/1/2005
Tank Status:	Permanently Out of Service	Tank Status Date:	Not reported
Latitude:	Not reported	Longitude:	Not reported
Title:	SITE MANAGER	No Bill:	No
Date Signed:	5/17/1999	Amended:	Yes
Aboveground:	Yes	Blowground:	No
Active Site:	No		
Internal Protection:	Not reported		
External Protection:	Not reported		
Number of Compartments:	1		
Underground-Aboveground:	No		
Underground Temp Out:	No		
Aboveground Temp Out:	No		
Underground Perm Out:	No		
Aboveground Perm Out:	Yes		
Aboveground in Use:	No		
Underground in Use:	No		
Federal Facility:	No		
Lust Flag:	No		
Leak Id Number:	Not reported		
With Inspection Pix:	No		
With Inspection Reports:	No		
Owner ID:	008517		
Owner Name:	US ARMY - BASE TRANSITION TEAM		
Contact Name:	ROSE M. ZEILER		
Contact Title:	CHIEF,ENV COMPLIANCE		
Contact Phone:	5014842516		
Owner Address:	BUILDING 2033, 1ST AVENUE		
Owner City,St,Zip:	BARLING, AR 72923		
Owner County:	SEBASTIAN		
Owner Phone:	5014842516		
Owner Type:	4		
GIS Location ID:	Not reported		
REC Create By:	NORTONC		
REC Create Date:	6/14/1999		
REC Modified By:	Not reported		
REC Modified Date:	Not reported		
Tank Comments:	Not reported		

AST/UST Eligible:

Date Eligible:	Not reported
Transaction Code:	Not reported
Entry Clerk:	Not reported
Entry Date:	Not reported
Update Clerk:	Not reported
Update Data:	Not reported
Eligibility Description:	Not reported

## SECTION 3: DATABASES SEARCHED AND UPDATE DATES

To maintain currency of the following federal, state and local databases, EDR contacts the appropriate government agency on a monthly or quarterly basis as required.

**Elapsed ASTM days:** Provides confirmation that this report meets or exceeds the 90-day updating requirement of the ASTM standard.

### WASTE MANAGEMENT

#### RCRA: Resource Conservation and Recovery Act Information

Source: EPA

Telephone: 800-424-9346

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: 06/13/2006  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/04/2007  
Date of Next Scheduled Update: 07/16/2007

#### BRS: Biennial Reporting System

Source: EPA/NTIS

Telephone: 800-424-9346

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.

Date of Government Version: 12/31/2005  
Database Release Frequency: Biennially

Date of Last EDR Contact: 03/06/2007  
Date of Next Scheduled Update: 06/11/2007

#### RAATS: RCRA Administrative Action Tracking System

Source: EPA

Telephone: 202-564-4104

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  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/05/2007  
Date of Next Scheduled Update: 06/04/2007

#### CORRACTS: Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/14/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/05/2007  
Date of Next Scheduled Update: 06/04/2007

#### PADS: PCB Activity Database System

Source: EPA

Telephone: 202-566-0500

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: 10/17/2006  
Database Release Frequency: Annually

Date of Last EDR Contact: 05/11/2007  
Date of Next Scheduled Update: 08/06/2007

# SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

## **MLTS: Material Licensing Tracking System**

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169

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: 01/11/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/02/2007  
Date of Next Scheduled Update: 07/02/2007

## **AR AST: Aboveground Tank Database**

Source: Department of Environmental Quality  
Telephone: 501-682-0984  
Aboveground storage tank locations.

Date of Government Version: 01/15/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/17/2007  
Date of Next Scheduled Update: 07/16/2007

## **AR UST: Underground Storage Tank Data**

Source: Department of Environmental Quality  
Telephone: 501-682-0984

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: 01/15/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/17/2007  
Date of Next Scheduled Update: 07/16/2007

## **ERNS: Emergency Response Notification System**

Source: National Response Center, United States Coast Guard  
Telephone: 202-267-2180

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2006  
Database Release Frequency: Annually

Date of Last EDR Contact: 04/24/2007  
Date of Next Scheduled Update: 07/23/2007

## **HMIRS: Hazardous Materials Information Reporting System**

Source: U.S. Department of Transportation  
Telephone: 202-366-4555

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2005  
Database Release Frequency: Annually

Date of Last EDR Contact: 04/17/2007  
Date of Next Scheduled Update: 07/16/2007

## **WASTE DISPOSAL**

### **NPL: National Priority List**

Source: EPA  
Telephone: Not reported

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: 01/25/2007  
Date Made Active at EDR: 03/12/2007  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 01/31/2007  
Elapsed ASTM Days: 40  
Date of Last EDR Contact: 05/03/2007

### **Proposed NPL: Proposed National Priority List Sites**

Source: EPA  
Telephone: Not reported

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 09/27/2006  
Date Made Active at EDR: 11/22/2006  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 11/01/2006  
Elapsed ASTM Days: 21  
Date of Last EDR Contact: 05/03/2007

## SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

### DELISTED NPL: National Priority List Deletions

Source: EPA

Telephone: Not reported

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: 12/28/2006

Date Made Active at EDR: 03/12/2007

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 01/31/2007

Elapsed ASTM Days: 40

Date of Last EDR Contact: 05/03/2007

### CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA

Telephone: 703-603-8960

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: 02/27/2007

Date Made Active at EDR: 04/27/2007

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/21/2007

Elapsed ASTM Days: 37

Date of Last EDR Contact: 03/21/2007

### CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Source: EPA

Telephone: 703-603-8960

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: 12/20/2006

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/19/2007

Date of Next Scheduled Update: 06/18/2007

### ROD: Records Of Decision

Source: EPA

Telephone: 703-416-0223

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: 03/27/2007

Database Release Frequency: Annually

Date of Last EDR Contact: 03/27/2007

Date of Next Scheduled Update: 07/02/2007

### NPL LIENS: Federal Superfund Liens

Source: EPA

Telephone: 202-564-4267

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

Date Made Active at EDR: 03/30/1994

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 02/02/1994

Elapsed ASTM Days: 56

Date of Last EDR Contact: 03/26/2007

### AR SHWS: Hazardous Substance Remedial Action Trust Fund Priority List

Source: Department of Environmental Quality

Telephone: 501-682-0850

A partial prioritized listing of sites at which remedial actions and/or investigations shall be provided by the Hazardous Substance Remedial Action Trust Fund.

Date of Government Version: 12/06/2006

Database Release Frequency: Annually

Date of Last EDR Contact: 04/12/2007

Date of Next Scheduled Update: 07/09/2007

## SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

### AR SWF/LF: Solid Waste Facility Permit Database

Source: Department of Environmental Quality  
Telephone: 501-682-0597

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: 03/05/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/07/2007  
Date of Next Scheduled Update: 06/04/2007

### MULTIMEDIA

#### TRIS: Toxic Chemical Release Inventory System

Source: EPA

Telephone: 202-566-0250

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: 12/31/2004  
Database Release Frequency: Annually

Date of Last EDR Contact: 04/27/2007  
Date of Next Scheduled Update: 06/18/2007

#### SSTS: Section 7 Tracking Systems

Source: EPA

Telephone: 202-564-4203

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: 12/31/2005  
Database Release Frequency: Annually

Date of Last EDR Contact: 04/12/2007  
Date of Next Scheduled Update: 07/16/2007

#### TSCA: Toxic Substances Control Act

Source: EPA

Telephone: 202-260-5521

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  
Database Release Frequency: N/A

Date of Last EDR Contact: 04/16/2007  
Date of Next Scheduled Update: 07/16/2007

#### FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-566-1667

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: 02/26/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/19/2007  
Date of Next Scheduled Update: 06/18/2007

#### FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA

Telephone: 202-566-1667

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 02/26/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/19/2007  
Date of Next Scheduled Update: 06/18/2007

## SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

### **FINDS: Facility Index System/Facility Registry System**

Source: EPA

Telephone: Not reported

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: 01/18/2007

Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/14/2007

Date of Next Scheduled Update: 07/02/2007

### **RMP: Risk Management Plans**

Source: Environmental Protection Agency

Telephone: 202-564-8600

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 02/01/2007

Database Release Frequency: Varies

Date of Last EDR Contact: 02/19/2007

Date of Next Scheduled Update: 05/21/2007

### **STORMWATER: Storm Water General Permits**

Source: Environmental Protection Agency

Telephone: 202-564-0746

A listing of all facilities with Storm Water General Permits.

Date of Government Version: 06/02/2005

Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/02/2007

Date of Next Scheduled Update: 07/02/2007

### **US ENG CONTROLS: Engineering Controls Sites List**

Source: Environmental Protection Agency

Telephone: 703-603-8905

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: 01/24/2007

Database Release Frequency: Varies

Date of Last EDR Contact: 04/02/2007

Date of Next Scheduled Update: 07/02/2007

### **US INST CONTROL: Sites with Institutional Controls**

Source: Environmental Protection Agency

Telephone: 703-603-8905

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: 01/24/2007

Database Release Frequency: Varies

Date of Last EDR Contact: 04/02/2007

Date of Next Scheduled Update: 07/02/2007

### **INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land**

Source: EPA Region 1

Telephone: 617-918-1313

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006

Database Release Frequency: Varies

Date of Last EDR Contact: 02/19/2007

Date of Next Scheduled Update: 05/21/2007

## SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

### **RADINFO: Radiation Information Database**

Source: Environmental Protection Agency  
Telephone: 202-343-9775

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/30/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/03/2007  
Date of Next Scheduled Update: 07/30/2007

### **LUCIS: Land Use Control Information System**

Source: Department of the Navy  
Telephone: 843-820-7326

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005  
Database Release Frequency: Varies

Date of Last EDR Contact: 03/26/2007  
Date of Next Scheduled Update: 06/11/2007

### **CDL: Clandestine Drug Labs**

Source: Drug Enforcement Administration  
Telephone: 202-307-1000

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/01/2006  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/11/2007  
Date of Next Scheduled Update: 06/25/2007

### **AR SWID: Solid Waste Illegal Dumps Database**

Source: Department of Environmental Quality  
Telephone: 501-682-0600

A listing of illegal solid waste dumps.

Date of Government Version: 03/05/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/07/2007  
Date of Next Scheduled Update: 06/04/2007

### **AR SWRCY: Recycling Directory**

Source: Department of Environmental Quality  
Telephone: 501-682-0865

A listing of recycling facilities.

Date of Government Version: 11/15/2006  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/09/2007  
Date of Next Scheduled Update: 06/04/2007

### **AR LTANKS: Leaking Storage Tank Location Listing Underground Storage Tank Data**

Source: Department of Environmental Quality  
Telephone: 501-682-0984

A listing of leaking underground and aboveground storage tank locations.

Date of Government Version: 04/13/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/17/2007  
Date of Next Scheduled Update: 07/16/2007

### **AR SPILLS: Emergency Response Incidents**

Source: Department of Environmental Quality  
Telephone: 501-682-0716

Spills and releases notified to the Department of Environmental Quality

Date of Government Version: 02/05/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/08/2007  
Date of Next Scheduled Update: 08/06/2007

# SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

## **AR INST CONTROL: Institutional Control/Land Use Restriction Sites**

Source: Department of Environmental Quality  
Telephone: 501-682-0867  
Sites that have institutional controls and/or land use restrictions in place.

Date of Government Version: 04/09/2007  
Database Release Frequency: Varies

Date of Last EDR Contact: 04/12/2007  
Date of Next Scheduled Update: 06/11/2007

## **AR VCP: Voluntary Cleanup Program Sites**

Source: Department of Environmental Quality  
Telephone: 501-682-0867  
A listing of Voluntary Cleanup Program projects.

Date of Government Version: 01/12/2006  
Database Release Frequency: Varies

Date of Last EDR Contact: 04/02/2007  
Date of Next Scheduled Update: 06/11/2007

## **AR BROWNFIELDS: Brownfields Projects**

Source: Department of Environmental Quality  
Telephone: 501-682-0867  
Projects that the Department of Environmental Quality has received Brownfields applications for.

Date of Government Version: 04/09/2007  
Database Release Frequency: Varies

Date of Last EDR Contact: 04/12/2007  
Date of Next Scheduled Update: 06/11/2007

## **AR ENFORCEMENT: Consent Administrative Order, Notice of Violation Information Database**

Source: Department of Environmental Quality  
Telephone: 501-682-0892  
Violations issued to facilities in various Department of Environmental Quality programs, including Air, Hazardous Waste, Storage Tanks, Solid Waste and Water.

Date of Government Version: 04/13/2007  
Database Release Frequency: Varies

Date of Last EDR Contact: 04/17/2007  
Date of Next Scheduled Update: 07/16/2007

## **AR SLUDGE: Poultry Sludge Permit Sites**

Source: Department of Environmental Quality  
Telephone: 501-682-0673  
Broiler fryer roast chickens, chicken eggs, poultry hatcheries, poultry and egg processing sites.

Date of Government Version: 04/10/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/10/2007  
Date of Next Scheduled Update: 07/09/2007

## **AR PERMITS: Permit Data System**

Source: Department of Environmental Quality  
Telephone: 501-682-0673  
A list of sites permitted by the Department of Environmental Quality, including Air, Mining, Solid Waste and Water.

Date of Government Version: 04/10/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/10/2007  
Date of Next Scheduled Update: 07/09/2007

## **AR AIRS: Permitted Facility Emission & Stack Data**

Source: Department of Environmental Quality  
Telephone: 501-682-0726  
Permitted facility emissions and stack data for the state.

Date of Government Version: 04/23/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/25/2007  
Date of Next Scheduled Update: 07/23/2007

## **AR ASBESTOS: Asbestos Notification of Intent Database**

Source: Department of Environmental Quality  
Telephone: 501-682-0717  
The database contains all properties/facilities that have submitted a Notice of Intent for renovation or demolition activities.

Date of Government Version: 02/19/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/21/2007  
Date of Next Scheduled Update: 05/21/2007

## SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

### POTENTIAL SUPERFUND LIABILITY

#### PRP: Potentially Responsible Parties

Source: EPA

Telephone: 202-564-6064

A listing of verified Potentially Responsible Parties

Date of Government Version: 03/07/2007

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/28/2007

Date of Next Scheduled Update: 07/02/2007



**EDR**® Environmental  
Data Resources Inc

# **EDR Site Report™**

**BUILDING #145  
FORT CHAFFEE  
FORT CHAFFEE, AR 72905**

**Inquiry Number:**

**May 14, 2007**

**The Standard in  
Environmental Risk  
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](http://www.edrnet.com)

# TABLE OF CONTENTS

The EDR-Site Report™ is a comprehensive presentation of government filings on a facility identified in a search of over 4 million government records from more than 600 federal, state and local environmental databases. The report is divided into three sections:

**Section 1: Facility Summary . . . . . Page 3**

Summary of facility filings including a review of the following areas: waste management, waste disposal, multi-media issues, and Superfund liability.

**Section 2: Facility Detail Reports . . . . . Page 4**

All available detailed information from databases where sites are identified.

**Section 3: Databases Searched and Update Information. . . . . Page 5**

Name, source, update dates, contact phone number and description of each of the databases searched for this report.

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

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# SECTION 1: FACILITY SUMMARY

FACILITY	FACILITY 1 BUILDING #145 FORT CHAFFEE FORT CHAFFEE, AR 72905 EDR ID #S100996628
AREA	
<b>WASTE MANAGEMENT</b> Facility generates hazardous waste (RCRA)	NO
Facility treats, stores, or disposes of hazardous waste on-site (RCRA/TSD)	NO
Facility has received Notices of Violations (RCRA/VIOL)	NO
Facility has been subject to RCRA administrative actions (RAATS)	NO
Facility has been subject to corrective actions (CORRACTS)	NO
Facility handles PCBs (PADS)	NO
Facility uses radioactive materials (MLTS)	NO
Facility manages registered aboveground storage tanks (AST)	NO
Facility manages registered underground storage tanks (UST)	NO
Facility has reported leaking underground storage tank incidents (LUST)	NO
Facility has reported emergency releases to the soil (ERNS)	NO
Facility has reported hazardous material incidents to DOT (HMIRS)	NO
<b>WASTE DISPOSAL</b> Facility is a Superfund Site (NPL)	NO
Facility has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (CERCLIS)	NO
Facility has a reported Superfund Lien on it (LIENS)	NO
Facility is listed as a state hazardous waste site (SHWS)	NO
Facility has disposed of solid waste on-site (SWF/LF)	NO
<b>MULTIMEDIA</b> Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS)	NO
Facility produces pesticides and has notified EPA under Section 7 of FIFRA (SSTS)	NO
Facility manufactures or imports toxic chemicals on the TSCA list (TSCA)	NO
Facility has inspections under FIFRA, TSCA or EPCRA (FTTS)	NO
Facility is listed in EPA's index system (FINDS)	NO
Facility is listed in a county/local unique database (LOCAL)	<b>YES - p4</b>
<b>POTENTIAL SUPERFUND LIABILITY</b> Facility has a list of potentially responsible parties PRP	NO
<b>TOTAL (YES)</b>	1

## SECTION 2: FACILITY DETAIL REPORTS

### MULTIMEDIA

Facility is listed in a county/local unique database

**DATABASE: State/County (LOCAL)**

BUILDING #145  
FORT CHAFFEE  
FORT CHAFFEE, AR 72905  
EDR ID #S100996628

Database: AR LTANKS

#### LTANKS:

Notification Date: 04/21/89  
Notification Name: BOB COLEMAN  
Notification Address: COMMANDER USAG FORT CHAFFEE  
Notification Address2: ATTN: ATZR-ZF (BOB COLEMAN)  
Notification City,St,Zip: FORT CHAFFEE, AR 72905  
Notification Telephone: 5014842516  
Facility Address 2: Not reported  
Facility Telephone: 5014842516  
Facility County: 66  
Notice Number: 660004  
Received By: 26232  
Owner: UNITED STATES ARMY  
Leak Date: 04/20/89  
Leak Cause: APPARENT LEAK IN PIPING (COUPLING) GOING TO THE PUMP.  
Leak Damage: FREE PRODUCT HAS SPREAD THROUGH BACKFILL MATERIAL (SAND).  
Leak Volume: Not reported  
Tech Branch: 10/31/96  
AFIN Number: 6601351  
RST Facility ID: 66000151  
Lust Tank Type: Underground Tank  
Lust Owner: Not reported  
Lust Discovery: Other (See Comments Tab)  
Release Status: Confirmed  
Emergency Response: Not reported  
Emergency Response 2: Not reported  
Substance Stored: Not reported  
Damage Description: Not reported  
Hazard Abatement: Not reported  
Remedial Action: Not reported  
Cleanup Initiated: 04/21/89  
ISC Date: 11/01/96  
Priority Score: Not reported  
SAR Date: 01/06/97  
Cap Submit: / /  
Public Notify: / /  
Cap Approve: / /  
NFA Issued: 01/06/97  
Funding Source: Not reported  
Cleanup Lead: Not reported  
Gis Location: 0.00000  
Lust Tank Type 2: Underground Tank  
RST Modified By: Not reported  
RST Modified Dt: / /

Memo: METHOD OF DISCOVERY: FREE PRODUCT WAS OBSERVED SEEPING THROUGH CRACKS IN CONCRETE CAP. PUMP TURNED OFF. APPROX. 30 SQ. FT. CONCRETE CAP HAS BEEN REMOVED AND EXCAVATION TO DETERMINE SOURCE OF LEAK HAS BEGUN. PLANS ARE TO REMOVE ALL CONTAMINATED SOILS FOUND AND REPLACE GALVANIZED PIPING WITH FIBERGLAS SYSTEM. 6/06/89 WRITTEN SUMMARY OF CORRECTIVE ACTIONS TAKEN AND PLANNED RECEIVED BY THE DEPT. ON THIS DATE. (SEE ATTACHMENT TO HARD COPY FOR FULL REPORT.) BRIEFLY, THE CONCRETE CAP WAS REMOVED TO EXPOSE THE CONTAMINATED SOIL. THIS SOIL WAS THEN EXCAVATED AND DEPOSITED NEAR THE POST LANDFILL. IT IS PRESENTLY BEING AERATED. THE PIT HAS BEEN LINED WITH POLYETHYLENE SHEETING TO CAPTURE RAINFALL. WATER COLLECTED IS INSPECTED FOR SHEEN, PUMPED OUT AND DISCHARGED TO OIL/WATER SEPARATOR. BOB COLEMAN OF FORT CHAFFEE CONTACTED ME TODAY AND VERBALLY GAVE ME THE SAMPLE RESULTS FROM THE SITE ASSESSMENT. A HARD COPY OF THE REPORT WILL BE FORWARDED TO US AS SOON AS HE IS IN RECEIPT OF IT. FUTURE ACTIONS TAKEN BY THIS DEPT. AND BY FORT CHAFFEE OFFICIALS WILL BE DETERMINED LARGELY BY THE FINDINGS IN THIS SITE ASSESSMENT REPORT. L. G. 1-6-97 (James Atchley) File closed after assessment performed for base closure indicated minor levels of contamination. File closed by our No Further Action letter this date.

## SECTION 3: DATABASES SEARCHED AND UPDATE DATES

To maintain currency of the following federal, state and local databases, EDR contacts the appropriate government agency on a monthly or quarterly basis as required.

**Elapsed ASTM days:** Provides confirmation that this report meets or exceeds the 90-day updating requirement of the ASTM standard.

### WASTE MANAGEMENT

#### RCRA: Resource Conservation and Recovery Act Information

Source: EPA

Telephone: 800-424-9346

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: 06/13/2006  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/04/2007  
Date of Next Scheduled Update: 07/16/2007

#### BRS: Biennial Reporting System

Source: EPA/NTIS

Telephone: 800-424-9346

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.

Date of Government Version: 12/31/2005  
Database Release Frequency: Biennially

Date of Last EDR Contact: 03/06/2007  
Date of Next Scheduled Update: 06/11/2007

#### RAATS: RCRA Administrative Action Tracking System

Source: EPA

Telephone: 202-564-4104

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  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/05/2007  
Date of Next Scheduled Update: 06/04/2007

#### CORRACTS: Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/14/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/05/2007  
Date of Next Scheduled Update: 06/04/2007

#### PADS: PCB Activity Database System

Source: EPA

Telephone: 202-566-0500

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: 10/17/2006  
Database Release Frequency: Annually

Date of Last EDR Contact: 05/11/2007  
Date of Next Scheduled Update: 08/06/2007

## SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

### **MLTS: Material Licensing Tracking System**

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169

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: 01/11/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/02/2007  
Date of Next Scheduled Update: 07/02/2007

### **AR AST: Aboveground Tank Database**

Source: Department of Environmental Quality  
Telephone: 501-682-0984  
Aboveground storage tank locations.

Date of Government Version: 01/15/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/17/2007  
Date of Next Scheduled Update: 07/16/2007

### **AR UST: Underground Storage Tank Data**

Source: Department of Environmental Quality  
Telephone: 501-682-0984

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: 01/15/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/17/2007  
Date of Next Scheduled Update: 07/16/2007

### **ERNS: Emergency Response Notification System**

Source: National Response Center, United States Coast Guard  
Telephone: 202-267-2180

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2006  
Database Release Frequency: Annually

Date of Last EDR Contact: 04/24/2007  
Date of Next Scheduled Update: 07/23/2007

### **HMIRS: Hazardous Materials Information Reporting System**

Source: U.S. Department of Transportation  
Telephone: 202-366-4555

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2005  
Database Release Frequency: Annually

Date of Last EDR Contact: 04/17/2007  
Date of Next Scheduled Update: 07/16/2007

## **WASTE DISPOSAL**

### **NPL: National Priority List**

Source: EPA  
Telephone: Not reported

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: 01/25/2007  
Date Made Active at EDR: 03/12/2007  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 01/31/2007  
Elapsed ASTM Days: 40  
Date of Last EDR Contact: 05/03/2007

### **Proposed NPL: Proposed National Priority List Sites**

Source: EPA  
Telephone: Not reported

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 09/27/2006  
Date Made Active at EDR: 11/22/2006  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 11/01/2006  
Elapsed ASTM Days: 21  
Date of Last EDR Contact: 05/03/2007

## SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

### DELISTED NPL: National Priority List Deletions

Source: EPA

Telephone: Not reported

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: 12/28/2006

Date Made Active at EDR: 03/12/2007

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 01/31/2007

Elapsed ASTM Days: 40

Date of Last EDR Contact: 05/03/2007

### CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA

Telephone: 703-603-8960

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: 02/27/2007

Date Made Active at EDR: 04/27/2007

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/21/2007

Elapsed ASTM Days: 37

Date of Last EDR Contact: 03/21/2007

### CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Source: EPA

Telephone: 703-603-8960

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: 12/20/2006

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/19/2007

Date of Next Scheduled Update: 06/18/2007

### ROD: Records Of Decision

Source: EPA

Telephone: 703-416-0223

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: 03/27/2007

Database Release Frequency: Annually

Date of Last EDR Contact: 03/27/2007

Date of Next Scheduled Update: 07/02/2007

### NPL LIENS: Federal Superfund Liens

Source: EPA

Telephone: 202-564-4267

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

Date Made Active at EDR: 03/30/1994

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 02/02/1994

Elapsed ASTM Days: 56

Date of Last EDR Contact: 03/26/2007

### AR SHWS: Hazardous Substance Remedial Action Trust Fund Priority List

Source: Department of Environmental Quality

Telephone: 501-682-0850

A partial prioritized listing of sites at which remedial actions and/or investigations shall be provided by the Hazardous Substance Remedial Action Trust Fund.

Date of Government Version: 12/06/2006

Database Release Frequency: Annually

Date of Last EDR Contact: 04/12/2007

Date of Next Scheduled Update: 07/09/2007

## SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

### **AR SWF/LF: Solid Waste Facility Permit Database**

Source: Department of Environmental Quality  
Telephone: 501-682-0597

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: 03/05/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/07/2007  
Date of Next Scheduled Update: 06/04/2007

### **MULTIMEDIA**

#### **TRIS: Toxic Chemical Release Inventory System**

Source: EPA

Telephone: 202-566-0250

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: 12/31/2004  
Database Release Frequency: Annually

Date of Last EDR Contact: 04/27/2007  
Date of Next Scheduled Update: 06/18/2007

#### **SSTS: Section 7 Tracking Systems**

Source: EPA

Telephone: 202-564-4203

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: 12/31/2005  
Database Release Frequency: Annually

Date of Last EDR Contact: 04/12/2007  
Date of Next Scheduled Update: 07/16/2007

#### **TSCA: Toxic Substances Control Act**

Source: EPA

Telephone: 202-260-5521

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  
Database Release Frequency: N/A

Date of Last EDR Contact: 04/16/2007  
Date of Next Scheduled Update: 07/16/2007

#### **FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)**

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-566-1667

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: 02/26/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/19/2007  
Date of Next Scheduled Update: 06/18/2007

#### **FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)**

Source: EPA

Telephone: 202-566-1667

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 02/26/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/19/2007  
Date of Next Scheduled Update: 06/18/2007

## SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

### **FINDS: Facility Index System/Facility Registry System**

Source: EPA

Telephone: Not reported

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: 01/18/2007

Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/02/2007

Date of Next Scheduled Update: 07/02/2007

### **RMP: Risk Management Plans**

Source: Environmental Protection Agency

Telephone: 202-564-8600

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 02/01/2007

Database Release Frequency: Varies

Date of Last EDR Contact: 02/19/2007

Date of Next Scheduled Update: 05/21/2007

### **STORMWATER: Storm Water General Permits**

Source: Environmental Protection Agency

Telephone: 202-564-0746

A listing of all facilities with Storm Water General Permits.

Date of Government Version: 06/02/2005

Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/02/2007

Date of Next Scheduled Update: 07/02/2007

### **US ENG CONTROLS: Engineering Controls Sites List**

Source: Environmental Protection Agency

Telephone: 703-603-8905

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: 01/24/2007

Database Release Frequency: Varies

Date of Last EDR Contact: 04/02/2007

Date of Next Scheduled Update: 07/02/2007

### **US INST CONTROL: Sites with Institutional Controls**

Source: Environmental Protection Agency

Telephone: 703-603-8905

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: 01/24/2007

Database Release Frequency: Varies

Date of Last EDR Contact: 04/02/2007

Date of Next Scheduled Update: 07/02/2007

### **INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land**

Source: EPA Region 1

Telephone: 617-918-1313

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006

Database Release Frequency: Varies

Date of Last EDR Contact: 02/19/2007

Date of Next Scheduled Update: 05/21/2007

## SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

### **RADINFO: Radiation Information Database**

Source: Environmental Protection Agency  
Telephone: 202-343-9775

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/30/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/03/2007  
Date of Next Scheduled Update: 07/30/2007

### **LUCIS: Land Use Control Information System**

Source: Department of the Navy  
Telephone: 843-820-7326

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005  
Database Release Frequency: Varies

Date of Last EDR Contact: 03/26/2007  
Date of Next Scheduled Update: 06/11/2007

### **CDL: Clandestine Drug Labs**

Source: Drug Enforcement Administration  
Telephone: 202-307-1000

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/01/2006  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/11/2007  
Date of Next Scheduled Update: 06/25/2007

### **AR SWID: Solid Waste Illegal Dumps Database**

Source: Department of Environmental Quality  
Telephone: 501-682-0600

A listing of illegal solid waste dumps.

Date of Government Version: 03/05/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/07/2007  
Date of Next Scheduled Update: 06/04/2007

### **AR SWRCY: Recycling Directory**

Source: Department of Environmental Quality  
Telephone: 501-682-0865

A listing of recycling facilities.

Date of Government Version: 11/15/2006  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/09/2007  
Date of Next Scheduled Update: 06/04/2007

### **AR LTANKS: Leaking Storage Tank Location Listing Underground Storage Tank Data**

Source: Department of Environmental Quality  
Telephone: 501-682-0984

A listing of leaking underground and aboveground storage tank locations.

Date of Government Version: 04/13/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/17/2007  
Date of Next Scheduled Update: 07/16/2007

### **AR SPILLS: Emergency Response Incidents**

Source: Department of Environmental Quality  
Telephone: 501-682-0716

Spills and releases notified to the Department of Environmental Quality

Date of Government Version: 02/05/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/08/2007  
Date of Next Scheduled Update: 08/06/2007

# SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

## **AR INST CONTROL: Institutional Control/Land Use Restriction Sites**

Source: Department of Environmental Quality  
Telephone: 501-682-0867  
Sites that have institutional controls and/or land use restrictions in place.

Date of Government Version: 04/09/2007  
Database Release Frequency: Varies

Date of Last EDR Contact: 04/12/2007  
Date of Next Scheduled Update: 06/11/2007

## **AR VCP: Voluntary Cleanup Program Sites**

Source: Department of Environmental Quality  
Telephone: 501-682-0867  
A listing of Voluntary Cleanup Program projects.

Date of Government Version: 01/12/2006  
Database Release Frequency: Varies

Date of Last EDR Contact: 04/02/2007  
Date of Next Scheduled Update: 06/11/2007

## **AR BROWNFIELDS: Brownfields Projects**

Source: Department of Environmental Quality  
Telephone: 501-682-0867  
Projects that the Department of Environmental Quality has received Brownfields applications for.

Date of Government Version: 04/09/2007  
Database Release Frequency: Varies

Date of Last EDR Contact: 04/12/2007  
Date of Next Scheduled Update: 06/11/2007

## **AR ENFORCEMENT: Consent Administrative Order, Notice of Violation Information Database**

Source: Department of Environmental Quality  
Telephone: 501-682-0892  
Violations issued to facilities in various Department of Environmental Quality programs, including Air, Hazardous Waste, Storage Tanks, Solid Waste and Water.

Date of Government Version: 04/13/2007  
Database Release Frequency: Varies

Date of Last EDR Contact: 04/17/2007  
Date of Next Scheduled Update: 07/16/2007

## **AR SLUDGE: Poultry Sludge Permit Sites**

Source: Department of Environmental Quality  
Telephone: 501-682-0673  
Broiler fryer roast chickens, chicken eggs, poultry hatcheries, poultry and egg processing sites.

Date of Government Version: 04/10/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/10/2007  
Date of Next Scheduled Update: 07/09/2007

## **AR PERMITS: Permit Data System**

Source: Department of Environmental Quality  
Telephone: 501-682-0673  
A list of sites permitted by the Department of Environmental Quality, including Air, Mining, Solid Waste and Water.

Date of Government Version: 04/10/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/10/2007  
Date of Next Scheduled Update: 07/09/2007

## **AR AIRS: Permitted Facility Emission & Stack Data**

Source: Department of Environmental Quality  
Telephone: 501-682-0726  
Permitted facility emissions and stack data for the state.

Date of Government Version: 04/23/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/25/2007  
Date of Next Scheduled Update: 07/23/2007

## **AR ASBESTOS: Asbestos Notification of Intent Database**

Source: Department of Environmental Quality  
Telephone: 501-682-0717  
The database contains all properties/facilities that have submitted a Notice of Intent for renovation or demolition activities.

Date of Government Version: 02/19/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/21/2007  
Date of Next Scheduled Update: 05/21/2007

## SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

### POTENTIAL SUPERFUND LIABILITY

#### PRP: Potentially Responsible Parties

Source: EPA

Telephone: 202-564-6064

A listing of verified Potentially Responsible Parties

Date of Government Version: 03/07/2007

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/28/2007

Date of Next Scheduled Update: 07/02/2007



**EDR**® Environmental  
Data Resources Inc

## **EDR Site Report™**

**FORT CHAFFEE-TKS M433,M434,M43  
ROBERTS BLVD/TERRY AVE-CORNER  
FORT CHAFFEE, AR 72905**

**Inquiry Number:**

**May 24, 2007**

### **The Standard in Environmental Risk 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](http://www.edrnet.com)

# TABLE OF CONTENTS

The EDR-Site Report™ is a comprehensive presentation of government filings on a facility identified in a search of over 4 million government records from more than 600 federal, state and local environmental databases. The report is divided into three sections:

**Section 1: Facility Summary . . . . . Page 3**

Summary of facility filings including a review of the following areas: waste management, waste disposal, multi-media issues, and Superfund liability.

**Section 2: Facility Detail Reports . . . . . Page 4**

All available detailed information from databases where sites are identified.

**Section 3: Databases Searched and Update Information. . . . . Page 6**

Name, source, update dates, contact phone number and description of each of the databases searched for this report.

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

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# SECTION 1: FACILITY SUMMARY

FACILITY	FACILITY 1
<b>AREA</b>	<b>FORT CHAFFEE-TKS M433,M434,M43</b> ROBERTS BLVD/TERRY AVE-CORNER FORT CHAFFEE, AR 72905 EDR ID #A100276045
<b>WASTE MANAGEMENT</b> Facility generates hazardous waste (RCRA)	NO
Facility treats, stores, or disposes of hazardous waste on-site (RCRA/TSD)	NO
Facility has received Notices of Violations (RCRA/VIOL)	NO
Facility has been subject to RCRA administrative actions (RAATS)	NO
Facility has been subject to corrective actions (CORRACTS)	NO
Facility handles PCBs (PADS)	NO
Facility uses radioactive materials (MLTS)	NO
Facility manages registered aboveground storage tanks (AST)	<b>YES - p4</b>
Facility manages registered underground storage tanks (UST)	NO
Facility has reported leaking underground storage tank incidents (LUST)	NO
Facility has reported emergency releases to the soil (ERNS)	NO
Facility has reported hazardous material incidents to DOT (HMIRS)	NO
<b>WASTE DISPOSAL</b> Facility is a Superfund Site (NPL)	NO
Facility has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (CERCLIS)	NO
Facility has a reported Superfund Lien on it (LIENS)	NO
Facility is listed as a state hazardous waste site (SHWS)	NO
Facility has disposed of solid waste on-site (SWF/LF)	NO
<b>MULTIMEDIA</b> Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS)	NO
Facility produces pesticides and has notified EPA under Section 7 of FIFRA (SSTS)	NO
Facility manufactures or imports toxic chemicals on the TSCA list (TSCA)	NO
Facility has inspections under FIFRA, TSCA or EPCRA (FTTS)	NO
Facility is listed in EPA's index system (FINDS)	NO
Facility is listed in a county/local unique database (LOCAL)	NO
<b>POTENTIAL SUPERFUND LIABILITY</b> Facility has a list of potentially responsible parties PRP	NO
<b>TOTAL (YES)</b>	1

## SECTION 2: FACILITY DETAIL REPORTS

### WASTE MANAGEMENT

Facility manages registered aboveground storage tanks

DATABASE: Aboveground Storage Tank Database (AST)

FORT CHAFFEE-TKS M433,M434,M43  
ROBERTS BLVD/TERRY AVE-CORNER  
FORT CHAFFEE, AR 72905  
EDR ID #A100276045

AST:

Facility ID:	66001773	Tank ID:	1
Substance:	Empty		
Capacity:	10000		
Install Date:	01/01/70	Last Used Date:	04/22/99
Removal Status:	Tank Not Permanently Removed	Gallons Removed:	Not reported
Tank Material:	Steel		
Pipe Material:	CARBON STEEL		
Tank Status:	Permanently Out of Service	Tank Status Date:	/ /
Internal Protection:	Not reported		
External Protection:	Not reported		
Number of Compartments:	1		
GIS Location ID:	Not reported		
REC Create By:	NORTONC		
REC Create Date:	06/14/99		
REC Modified By:	Not reported		
REC Modified Date:	/ /		
Comments:	Not reported		

AST/UST Eligible:

Date Eligible:	Not reported
Transaction Code:	Not reported
Entry Clerk:	Not reported
Entry Date:	Not reported
Update Clerk:	Not reported
Update Date:	Not reported
Eligibility Description:	Not reported

Facility ID:	66001773	Tank ID:	2
Substance:	Empty		
Capacity:	10000		
Install Date:	01/01/70	Last Used Date:	04/22/99
Removal Status:	Tank Not Permanently Removed	Gallons Removed:	Not reported
Tank Material:	Steel		
Pipe Material:	CARBON STEEL		
Tank Status:	Permanently Out of Service	Tank Status Date:	/ /
Internal Protection:	Not reported		
External Protection:	Not reported		
Number of Compartments:	1		
GIS Location ID:	Not reported		
REC Create By:	NORTONC		
REC Create Date:	06/14/99		
REC Modified By:	Not reported		
REC Modified Date:	/ /		
Comments:	Not reported		

AST/UST Eligible:

Date Eligible:	Not reported
Transaction Code:	Not reported
Entry Clerk:	Not reported
Entry Date:	Not reported
Update Clerk:	Not reported
Update Date:	Not reported
Eligibility Description:	Not reported

Facility ID:	66001773	Tank ID:	3
Substance:	Empty		
Capacity:	10000		
Install Date:	01/01/70	Last Used Date:	04/22/99
Removal Status:	Tank Not Permanently Removed	Gallons Removed:	Not reported
Tank Material:	Steel		
Pipe Material:	CARBON STEEL		
Tank Status:	Permanently Out of Service	Tank Status Date:	/ /
Internal Protection:	Not reported		
External Protection:	Not reported		
Number of Compartments:	1		
GIS Location ID:	Not reported		
REC Create By:	NORTONC		
REC Create Date:	06/14/99		

## SECTION 2: FACILITY DETAIL REPORTS

...Continued...

REC Modified By: Not reported  
REC Modified Date: / /  
Comments: Not reported

AST/UST Eligible:  
Date Eligible: Not reported  
Transaction Code: Not reported  
Entry Clerk: Not reported  
Entry Date: Not reported  
Update Clerk: Not reported  
Update Data: Not reported  
Eligibility Description: Not reported

## SECTION 3: DATABASES SEARCHED AND UPDATE DATES

To maintain currency of the following federal, state and local databases, EDR contacts the appropriate government agency on a monthly or quarterly basis as required.

**Elapsed ASTM days:** Provides confirmation that this report meets or exceeds the 90-day updating requirement of the ASTM standard.

### WASTE MANAGEMENT

#### RCRA: Resource Conservation and Recovery Act Information

Source: EPA

Telephone: 800-424-9346

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: 06/13/2006  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/16/2007  
Date of Next Scheduled Update: 07/16/2007

#### BRS: Biennial Reporting System

Source: EPA/NTIS

Telephone: 800-424-9346

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.

Date of Government Version: 12/31/2005  
Database Release Frequency: Biennially

Date of Last EDR Contact: 03/06/2007  
Date of Next Scheduled Update: 06/11/2007

#### RAATS: RCRA Administrative Action Tracking System

Source: EPA

Telephone: 202-564-4104

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  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/05/2007  
Date of Next Scheduled Update: 06/04/2007

#### CORRACTS: Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/14/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/05/2007  
Date of Next Scheduled Update: 06/04/2007

#### PADS: PCB Activity Database System

Source: EPA

Telephone: 202-566-0500

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: 10/17/2006  
Database Release Frequency: Annually

Date of Last EDR Contact: 05/11/2007  
Date of Next Scheduled Update: 08/06/2007

## SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

### **MLTS: Material Licensing Tracking System**

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169

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: 01/11/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/02/2007  
Date of Next Scheduled Update: 07/02/2007

### **AR AST: Aboveground Tank Database**

Source: Department of Environmental Quality  
Telephone: 501-682-0984  
Aboveground storage tank locations.

Date of Government Version: 04/13/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/17/2007  
Date of Next Scheduled Update: 07/16/2007

### **AR UST: Underground Storage Tank Data**

Source: Department of Environmental Quality  
Telephone: 501-682-0984

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: 04/13/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/17/2007  
Date of Next Scheduled Update: 07/16/2007

### **ERNS: Emergency Response Notification System**

Source: National Response Center, United States Coast Guard  
Telephone: 202-267-2180

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2006  
Database Release Frequency: Annually

Date of Last EDR Contact: 04/24/2007  
Date of Next Scheduled Update: 07/23/2007

### **HMIRS: Hazardous Materials Information Reporting System**

Source: U.S. Department of Transportation  
Telephone: 202-366-4555

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2005  
Database Release Frequency: Annually

Date of Last EDR Contact: 04/17/2007  
Date of Next Scheduled Update: 07/16/2007

## **WASTE DISPOSAL**

### **NPL: National Priority List**

Source: EPA  
Telephone: Not reported

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: 01/25/2007  
Date Made Active at EDR: 03/12/2007  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 01/31/2007  
Elapsed ASTM Days: 40  
Date of Last EDR Contact: 05/03/2007

### **Proposed NPL: Proposed National Priority List Sites**

Source: EPA  
Telephone: Not reported

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 09/27/2006  
Date Made Active at EDR: 11/22/2006  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 11/01/2006  
Elapsed ASTM Days: 21  
Date of Last EDR Contact: 05/03/2007

## SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

### DELISTED NPL: National Priority List Deletions

Source: EPA

Telephone: Not reported

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: 12/28/2006

Date Made Active at EDR: 03/12/2007

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 01/31/2007

Elapsed ASTM Days: 40

Date of Last EDR Contact: 05/03/2007

### CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA

Telephone: 703-603-8960

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: 02/27/2007

Date Made Active at EDR: 04/27/2007

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/21/2007

Elapsed ASTM Days: 37

Date of Last EDR Contact: 03/21/2007

### CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Source: EPA

Telephone: 703-603-8960

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: 12/20/2006

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/19/2007

Date of Next Scheduled Update: 06/18/2007

### ROD: Records Of Decision

Source: EPA

Telephone: 703-416-0223

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: 03/27/2007

Database Release Frequency: Annually

Date of Last EDR Contact: 03/27/2007

Date of Next Scheduled Update: 07/02/2007

### NPL LIENS: Federal Superfund Liens

Source: EPA

Telephone: 202-564-4267

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

Date Made Active at EDR: 03/30/1994

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 02/02/1994

Elapsed ASTM Days: 56

Date of Last EDR Contact: 05/21/2007

### AR SHWS: Hazardous Substance Remedial Action Trust Fund Priority List

Source: Department of Environmental Quality

Telephone: 501-682-0850

A partial prioritized listing of sites at which remedial actions and/or investigations shall be provided by the Hazardous Substance Remedial Action Trust Fund.

Date of Government Version: 12/06/2006

Database Release Frequency: Annually

Date of Last EDR Contact: 04/12/2007

Date of Next Scheduled Update: 07/09/2007

## SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

### AR SWF/LF: Solid Waste Facility Permit Database

Source: Department of Environmental Quality  
Telephone: 501-682-0597

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: 03/05/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/07/2007  
Date of Next Scheduled Update: 06/04/2007

### MULTIMEDIA

#### TRIS: Toxic Chemical Release Inventory System

Source: EPA

Telephone: 202-566-0250

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: 12/31/2004  
Database Release Frequency: Annually

Date of Last EDR Contact: 04/27/2007  
Date of Next Scheduled Update: 06/18/2007

#### SSTS: Section 7 Tracking Systems

Source: EPA

Telephone: 202-564-4203

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: 12/31/2005  
Database Release Frequency: Annually

Date of Last EDR Contact: 04/12/2007  
Date of Next Scheduled Update: 07/16/2007

#### TSCA: Toxic Substances Control Act

Source: EPA

Telephone: 202-260-5521

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  
Database Release Frequency: N/A

Date of Last EDR Contact: 04/16/2007  
Date of Next Scheduled Update: 07/16/2007

#### FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-566-1667

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: 02/26/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/19/2007  
Date of Next Scheduled Update: 06/18/2007

#### FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA

Telephone: 202-566-1667

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 02/26/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/19/2007  
Date of Next Scheduled Update: 06/18/2007

## SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

### **FINDS: Facility Index System/Facility Registry System**

Source: EPA

Telephone: Not reported

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: 01/18/2007

Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/14/2007

Date of Next Scheduled Update: 07/02/2007

### **RMP: Risk Management Plans**

Source: Environmental Protection Agency

Telephone: 202-564-8600

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 02/01/2007

Database Release Frequency: Varies

Date of Last EDR Contact: 05/21/2007

Date of Next Scheduled Update: 08/20/2007

### **STORMWATER: Storm Water General Permits**

Source: Environmental Protection Agency

Telephone: 202-564-0746

A listing of all facilities with Storm Water General Permits.

Date of Government Version: 06/02/2005

Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/02/2007

Date of Next Scheduled Update: 07/02/2007

### **US ENG CONTROLS: Engineering Controls Sites List**

Source: Environmental Protection Agency

Telephone: 703-603-8905

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: 01/24/2007

Database Release Frequency: Varies

Date of Last EDR Contact: 04/02/2007

Date of Next Scheduled Update: 07/02/2007

### **US INST CONTROL: Sites with Institutional Controls**

Source: Environmental Protection Agency

Telephone: 703-603-8905

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: 01/24/2007

Database Release Frequency: Varies

Date of Last EDR Contact: 04/02/2007

Date of Next Scheduled Update: 07/02/2007

### **INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land**

Source: EPA Region 1

Telephone: 617-918-1313

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006

Database Release Frequency: Varies

Date of Last EDR Contact: 05/21/2007

Date of Next Scheduled Update: 08/20/2007

## SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

### **RADINFO: Radiation Information Database**

Source: Environmental Protection Agency  
Telephone: 202-343-9775

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/30/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/03/2007  
Date of Next Scheduled Update: 07/30/2007

### **LUCIS: Land Use Control Information System**

Source: Department of the Navy  
Telephone: 843-820-7326

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005  
Database Release Frequency: Varies

Date of Last EDR Contact: 03/26/2007  
Date of Next Scheduled Update: 06/11/2007

### **CDL: Clandestine Drug Labs**

Source: Drug Enforcement Administration  
Telephone: 202-307-1000

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/01/2006  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/22/2007  
Date of Next Scheduled Update: 06/25/2007

### **AR SWID: Solid Waste Illegal Dumps Database**

Source: Department of Environmental Quality  
Telephone: 501-682-0600

A listing of illegal solid waste dumps.

Date of Government Version: 03/05/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/07/2007  
Date of Next Scheduled Update: 06/04/2007

### **AR SWRCY: Recycling Directory**

Source: Department of Environmental Quality  
Telephone: 501-682-0865

A listing of recycling facilities.

Date of Government Version: 11/15/2006  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/09/2007  
Date of Next Scheduled Update: 06/04/2007

### **AR LTANKS: Leaking Storage Tank Location Listing Underground Storage Tank Data**

Source: Department of Environmental Quality  
Telephone: 501-682-0984

A listing of leaking underground and aboveground storage tank locations.

Date of Government Version: 04/13/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/17/2007  
Date of Next Scheduled Update: 07/16/2007

### **AR SPILLS: Emergency Response Incidents**

Source: Department of Environmental Quality  
Telephone: 501-682-0716

Spills and releases notified to the Department of Environmental Quality

Date of Government Version: 02/05/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/08/2007  
Date of Next Scheduled Update: 08/06/2007

## SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

### AR INST CONTROL: Institutional Control/Land Use Restriction Sites

Source: Department of Environmental Quality  
Telephone: 501-682-0867  
Sites that have institutional controls and/or land use restrictions in place.

Date of Government Version: 04/09/2007  
Database Release Frequency: Varies

Date of Last EDR Contact: 04/12/2007  
Date of Next Scheduled Update: 06/11/2007

### AR VCP: Voluntary Cleanup Program Sites

Source: Department of Environmental Quality  
Telephone: 501-682-0867  
A listing of Voluntary Cleanup Program projects.

Date of Government Version: 01/12/2006  
Database Release Frequency: Varies

Date of Last EDR Contact: 04/02/2007  
Date of Next Scheduled Update: 06/11/2007

### AR BROWNFIELDS: Brownfields Projects

Source: Department of Environmental Quality  
Telephone: 501-682-0867  
Projects that the Department of Environmental Quality has received Brownfields applications for.

Date of Government Version: 04/09/2007  
Database Release Frequency: Varies

Date of Last EDR Contact: 04/12/2007  
Date of Next Scheduled Update: 06/11/2007

### AR ENFORCEMENT: Consent Administrative Order, Notice of Violation Information Database

Source: Department of Environmental Quality  
Telephone: 501-682-0892  
Violations issued to facilities in various Department of Environmental Quality programs, including Air, Hazardous Waste, Storage Tanks, Solid Waste and Water.

Date of Government Version: 04/13/2007  
Database Release Frequency: Varies

Date of Last EDR Contact: 04/17/2007  
Date of Next Scheduled Update: 07/16/2007

### AR SLUDGE: Poultry Sludge Permit Sites

Source: Department of Environmental Quality  
Telephone: 501-682-0673  
Broiler fryer roast chickens, chicken eggs, poultry hatcheries, poultry and egg processing sites.

Date of Government Version: 04/10/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/10/2007  
Date of Next Scheduled Update: 07/09/2007

### AR PERMITS: Permit Data System

Source: Department of Environmental Quality  
Telephone: 501-682-0673  
A list of sites permitted by the Department of Environmental Quality, including Air, Mining, Solid Waste and Water.

Date of Government Version: 04/10/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/10/2007  
Date of Next Scheduled Update: 07/09/2007

### AR AIRS: Permitted Facility Emission & Stack Data

Source: Department of Environmental Quality  
Telephone: 501-682-0726  
Permitted facility emissions and stack data for the state.

Date of Government Version: 04/23/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/25/2007  
Date of Next Scheduled Update: 07/23/2007

### AR ASBESTOS: Asbestos Notification of Intent Database

Source: Department of Environmental Quality  
Telephone: 501-682-0717  
The database contains all properties/facilities that have submitted a Notice of Intent for renovation or demolition activities.

Date of Government Version: 02/19/2007  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/23/2007  
Date of Next Scheduled Update: 08/20/2007

## SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

### POTENTIAL SUPERFUND LIABILITY

#### PRP: Potentially Responsible Parties

Source: EPA

Telephone: 202-564-6064

A listing of verified Potentially Responsible Parties

Date of Government Version: 03/07/2007

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/28/2007

Date of Next Scheduled Update: 07/02/2007



**EDR**® Environmental  
Data Resources Inc

**The EDR-City Directory**  
*Abstract*

**ECS #15**  
**11408 Roberts Boulevard**  
**Fort Smith, AR 72905**  
  
**Inquiry Number: 1920008.6**

**Monday, May 07, 2007**

**The Standard in  
Environmental Risk  
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](http://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.

## **Disclaimer - Copyright and Trademark Notice**

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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 1964 through 2007. (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: May 7, 2007

**Target Property:**

11408 Roberts Boulevard  
Fort Smith, AR 72905

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1964	Street Not Listed in Research Source	Polk's City Directory
1971	Street Not Listed in Research Source	Polk's City Directory
1978	Street Not Listed in Research Source	Polk's City Directory
1985	Street Not Listed in Research Source	Polk's City Directory
1992	Street Not Listed in Research Source	Polk's City Directory
2000	Address Not Listed in Research Source	Polk's City Directory
2007	Address Not Listed in Research Source	Polk's City Directory

**Adjoining Properties**

**SURROUNDING**

Multiple Addresses  
Fort Smith, AR 72905

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1964	Street Not Listed in Research Source	Polk's City Directory
1971	Street Not Listed in Research Source	Polk's City Directory
1978	Street Not Listed in Research Source	Polk's City Directory
1985	Street Not Listed in Research Source	Polk's City Directory
1992	Street Not Listed in Research Source	Polk's City Directory
2000	<b>** ROBERTS BOULEVARD **</b>	Polk's City Directory
	No address listings beyond 720 Roberts Blvd	Polk's City Directory
2007	<b>** ROBERTS BOULEVARD **</b>	Polk's City Directory
	No address listings beyond 720 Roberts Blvd	Polk's City Directory



"Linking Technology with Tradition"®

## Sanborn® Map Report

**Ship To:** Helen Brady  
ENSAFE  
5724 Summer Trees Drive  
Memphis, TN 38134

**Order Date:** 5/4/2007    **Completion Date:** 5/4/2007  
**Inquiry #:** 1920008.3  
**P.O. #:** NA  
**Site Name:** ECS #15

**Address:** 11408 Roberts Boulevard

**City/State:** Fort Smith, AR 72905

**Cross Streets:**

**Customer Project:** 0888802978  
1013941SXM            901-372-7962

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**

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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.

# **The EDR Aerial Photo Decade Package**

**ECS #15**

**11408 Roberts Boulevard  
Fort Smith, AR 72905**

**Inquiry Number: 1920008.5**

**May 04, 2007**



**EDR®** Environmental  
Data Resources Inc

## **The Standard in Environmental Risk Information**

**440 Wheelers Farms Road  
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### **Nationwide Customer Service**

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# EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDRs professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

This document reports that EDR searched its own collection or select outside repository collections of aerial photography, and based on client-supplied target property information, aerial photography, including the target property was not deemed reasonably ascertainable by Environmental Data Resources, Inc. (EDR). This no coverage determination reflects a search only of aerial photography repository collections that EDR accessed. It can not be concluded from this search that no coverage for the target property exists anywhere, in any collection.

## NO COVERAGE

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

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# **EDR Historical Topographic Map Report**

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**May 04, 2007**



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# EDR Historical Topographic Map Report

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