FINAL

ENVIRONMENTAL CONDITION OF PROPERTY REPORT

BG WILLIAM P. SCREWS
US ARMY RESERVE CENTER (AL037)
4050 ATLANTA HIGHWAY
MONTGOMERY, ALABAMA 36109

Prepared For:

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

FEBRUARY 2007

CERTIFICATION

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

STEVEN FRANCIS **DATE**
Chief, Environmental Division
Deputy Chief of Staff
Installation Management
81st Regional Readiness Command

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

02/09/07

LENARD GUNNELL, P.G. **DATE**
Project Geologist
U.S. Army Corps of Engineers

EXECUTIVE SUMMARY

Fuller, Mossbarger, Scott and May Engineers, Inc. (FMSM), under contract to the U.S. Army Corps of Engineers (USACE), Louisville District, has prepared this Environmental Condition of Property (ECP) Report for the BG William P. Screws U.S. Army Reserve (USAR) Center (Facility ID AL037), hereafter referred to as the "Site" or "USAR Center." The Site is located at 4050 Atlanta Highway in Montgomery, Montgomery County, Alabama and encompasses 4.8 acres.

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

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

The USAR Center is situated on 4.8 acres of land with five permanent buildings: a 16,132 square-foot USAR Center building, a 5,081 square-foot storage building formerly used as an Area Maintenance Support Activity (AMSA), a 240 square-foot storage building formerly used for petroleum, oil, and lubricants (POL), a 720 square-foot dry storage building, and a 1,500 square-foot dry storage building. The Site is currently occupied by three units: 361ST Corps Support Battalion, 282nd Quartermaster Company, and the 81st Regional Readiness Command (RRC) Retention Cell.

Based on a review of aerial photographs and U.S. Geological Survey (USGS) topographic maps dating back to 1952, the Site appears to have been undeveloped prior to its establishment as the USAR Center in the late 1950s. The USAR Center building and the former AMSA building were reported to be constructed in 1959.

Areas of environmental conditions were reviewed and FMSM identified adverse impacts relating to the environmental condition of the property. Recent soil sampling indicated a release of petroleum in the vicinity of the oil/water separator (OWS). ECP information documents that solvents were used at the wash rack, which discharged to the OWS. The potential release of hazardous substances has not been evaluated.

In accordance with Department of Defense policy defining the classifications (See Deputy Under Secretary of Defense Goodman Memorandum dated 21 October 1996), the Property has been classified as Category 2. This classification does not include categorizing the property based on *de minimis* conditions that generally do not present material risk of harm to the public health or the environment and that generally would

not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

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LIST OF ACRONYMS

ACAMP	Alabama Coastal Area Management Program
ACM	asbestos-containing material
ADEM	Alabama Department of Environmental Management
AMSA	area maintenance support activity
AR	army regulation
AST	aboveground storage tank
ASTM	American Society for Testing and Materials
BTEX	benzene, toluene, ethylbenzene and xylenes
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	CERCLA Information System
CERFA	Community Environmental Response Facilitation Act
CFR	Code of Federal Regulations
CMU	Concrete Masonry Unit
CONEX	Container Express
EBS	Environmental Baseline Survey
ECP	Environmental Condition of Property
EDR	Environmental Data Resources, Inc.
FEMA	Federal Emergency Management Agency
FIRM	Flood Insurance Rate Map
kg	kilogram
LBP	lead-based paint
LUST	leaking underground storage tank
MEC	Munitions and Explosives of Concern
MEP	military equipment parking
NFA	No Further Action
NRHP	National Register of Historic Places
NWI	National Wetlands Inventory
O&M	Operations and Maintenance
OMS	organizational maintenance shop

OWS	oil/water separator
PCBs	polychlorinated biphenyls
pCi/l	picoCuries per liter of air
ppm	parts per million
POL	petroleum, oil, and lubricant
POV	privately-owned vehicle
RCRA	Resource Conservation and Recovery Act
RCRIS	RCRA Information System
RQ	Reportable Quantity
RRC	Regional Readiness Command
RSC	Regional Support Command
Site	U.S. Army Reserve Center (AL037)
SSA	Supervisory Staff Administrator
SVOC	Semi-volatile organic compound
TPH	total petroleum hydrocarbons
USACE	United States Army Corps of Engineers
USAR	United States Army Reserve
USEPA	United States Environmental Protection Agency
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
UST	underground storage tank
VOC	volatile organic compound

1.0 INTRODUCTION

FMSM was contracted by the USACE to prepare an ECP Report for the BG William P. Screws USAR Center (AL037). The facility is located at 4050 Atlanta Highway, Montgomery, AL, hereafter referred to as the "Site" or "USAR Center". In support of the ECP Report, a visual reconnaissance of the Site was conducted on 31 July 2006. The purpose of the visit was to visually obtain information indicating the environmental condition of property at the Site.

1.1 PURPOSE OF ENVIRONMENTAL CONDITION OF PROPERTY REPORT

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

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

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

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

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

1.2 SCOPE OF SERVICES

This ECP report covers the USAR Center located at 4050 Atlanta Highway, Montgomery, Alabama. The road where the site is located is also designated U.S. Highway 80, Alabama 8, and the Jefferson Davis Highway, but, for the purpose of this ECP report, it is referred to as Atlanta Highway. The property is bounded by a drainage feature and a City park to the south, Atlanta Highway to the north, an Exxon retail gasoline station to the east, and the Thomas L. Head Elementary School to the west. Site maps are provided in Appendix A. Appendix B provides photographs taken during the July 2006 site visit. Appendix C provides historical chain of title information. Historical environmental documents and reports are provided in Appendix D, while Appendix E contains the Environmental Data Resources, Inc. (EDR) reports and agency letters and responses.

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

- Category 1 – Areas where no release or disposal of hazardous substances or petroleum products has occurred (including no migration of these substances from adjacent areas).
- Category 2 – Areas where only the release or disposal of petroleum products has occurred.
- Category 3 – Areas where release, disposal, and/or migration of hazardous substances has occurred, but at concentrations that do not require a removal or remedial response.

- Category 4 – Areas where release, disposal, and/or migration of hazardous substances has occurred, and all removal or remedial actions to protect human health and the environment have been taken.
- Category 5 – Areas where release, disposal, and/or migration of hazardous substances has occurred, and removal or remedial actions are under way, but all required remedial actions have not yet been taken.
- Category 6 – Areas where release, disposal, and/or migration of hazardous substances has occurred, but required actions have not yet been implemented.
- Category 7 – Areas that are not evaluated or require additional evaluation.

2.0 SITE LOCATION AND PHYSICAL DESCRIPTION

2.1 SITE LOCATION

The USAR Center is located in the north-central portion of Montgomery County, Alabama, within the city limits of Montgomery, Alabama. The site is located in a primarily mixed use commercial and residential area. Figure 1 in Appendix A provides a general site location map.

2.2 ASSET INFORMATION

Facility Name and Address:	BG William P. Screws U.S. Army Reserve Center (AL037) 4050 Atlanta Highway Montgomery, Alabama 36109
Property Owner:	United States Government
Date of Ownership:	United States Government-owned since prior to 1900, transferred to the Department of the Army on November 15, 1956
Current Occupant:	81st RRC Retention Cell, 361st Support Battalion, 282nd Quartermaster Company
Zoning:	Institutional
County, State:	Montgomery County, Alabama
USGS Quadrangle(s):	Willow Springs, Alabama
Section/Township/Range:	Section 10, Township 16 North, Range 18 East
Latitude/Longitude:	32° 22' 53.1" N; 86° 14' 29.5" W
Legal Description:	A copy of the EDR Environmental Lien Search Report, which includes a legal description, is provided in Appendix C.

2.3 PHYSICAL DESCRIPTION

The USAR Center is situated on 4.8 acres of land with five permanent structures: a 16,132 square-foot USAR Center building, a 5,081 square-foot storage building formerly used as an AMSA, a 240 square-foot storage building formerly used as a petroleum, oil

and lubricants (POL) storage building, a 720 square-foot dry storage building, and a 1,500 square-foot dry storage building. Construction of the USAR Center building and AMSA building reportedly occurred in 1959. The 720 square-foot storage building was constructed in 1995.

The USAR Center building, former AMSA building, and the 720 square-foot dry storage building are constructed with concrete masonry unit (CMU) walls covered with a brick veneer. The storage building formerly used for POL is constructed with CMU walls. The 1,500 square-foot dry storage building is steel framed with sheet metal exterior walls. Each of the buildings has a concrete slab-on-grade. A MEP area and a POV parking area are also contained within the Site. Photographs 1 and 2 in Appendix B provide views of the MEP and POV areas, respectively. Chain-link security fencing topped with barbed wire encloses the MEP area and the structures located to the south of the USAR Center building. Approximately one-half of the Site is covered by impervious surface features (e.g., asphalt parking areas, driveways, concrete walkways, building footprints, etc.). The remaining ground surface is covered by lawn area and a sparse population of deciduous trees. Topographically, the Site slopes generally down to the south from Atlanta Highway. Stormwater is collected in a drop inlet yard drain located in a grassy area to the east of the POV area. The flow is directed via buried pipe to the drainage feature located south of the south property line. Stormwater runoff from the POV and MEP paved parking areas sheet flows to the south and discharges to curb inlets and to the drainage feature. Stormwater runoff in paved areas behind the Administration Building is directed via site grades to a pipe inlet near the metal storage building and is directed to the southwest corner of the property where it discharges to the drainage feature located south of the property. Figure 2 in Appendix A provides a current plan view layout of the Site.

The USAR Center building consists of a two-story, L-shaped structure. Based on review of available design drawings, the kitchen area was expanded around 1981. The portion of the building oriented in an east-west direction includes the single-story, high bay, drill hall; the kitchen; and the lobby/vestibule main entrance to the building. The portion of the building oriented in a north-south direction is two-story and includes offices and classrooms. Photographs 3 and 4 in Appendix B provide a rear (south) view of the exterior of the building. Photograph 5 in Appendix B provides a view of the building from near the northeast corner of the property. The interior of the USAR Center building consists of office space, classrooms, kitchen area, storage, a drill hall, and an Arms Vault. Photographs 6 through 8 in Appendix B provide interior views of the USAR Center building. Figures 3 and 4 in Appendix A provide a layout of the interior of the USAR Center building. Based on review of December 1981 design drawings that included plans to upgrade and expand the kitchen, there is a 75-gallon per minute capacity grease interceptor and cleanout located in a concrete pit outside the kitchen on the south side of the USAR Center building. The USAR Center building has a boiler room, and the building is heated with steam supplied from the industrial boiler.

The storage building that was formerly the AMSA building is a one-story, rectangular-shaped structure. Design drawings dated 1995, which were available at the Site, detail the construction of the existing mezzanine built inside the former AMSA building as well as the cages constructed to transform the building use to dry storage. The building now stores paper, various military equipment, and supplies. Three overhead metal, retractable doors are located on the north wall of the building. The covered Wash Rack is located next to the east wall of the former AMSA building. Photographs 9 and 10 in Appendix B show the front (north) and rear (south) views of the former AMSA building. Photograph 11 in Appendix B shows the interior of the former AMSA building. Figure 5 in Appendix A provides a layout of the interior of the AMSA building. The hazardous materials storage shed is located outside against the rear (south) wall of the former AMSA building. The storage shed contained various materials in 5-gallon or smaller containers, including detergents, hydraulic oil, and carbon removing compound (see Photograph 12 in Appendix B).

Vehicle washing occurred at the Wash Rack next to the former AMSA building (see Photograph 9 in Appendix B). A grated inlet was observed in the covered concrete pad of the Wash Rack. Runoff from washing activities flows to the grated inlet and is carried to an OWS located to the south of the Wash Rack. Based on discussions with site personnel and field observations, the OWS is still in place and was installed in 1997.

Prior to installation of the above referenced OWS, discharges from the Wash Rack were directed to another OWS. The original OWS, located east of the Wash Rack, is identified as the “Settling Basin for Wash Rack” on design drawings for the facility dated October 1975. The drawing indicates the basin is a below-grade concrete box fitted with a baffle and inflow pipe from the Wash Rack and outflow pipe to the sanitary sewer. Based on discussions with site personnel the original OWS is not currently in use.

The 240 square-foot storage building located to the southeast of the former AMSA building was reportedly the former POL building for the facility. The building is rectangular in shape with a covered shed area on the west side. The building included signage for flammable materials, and three overpack drum container spill kits were observed inside the building. Photograph 13 in Appendix B is a general view of the storage building.

The 720 square-foot storage building located to the northeast of the former AMSA building appeared to be used for dry storage of miscellaneous field equipment and supplies. Storage of hazardous materials was not observed in the building. Photograph 14 in Appendix B is a general view of the storage building.

The 1,500 square-foot metal storage building includes metal cages for storage of miscellaneous supplies and equipment. The cages were locked and inaccessible at the time of the site visit; however, some of the contents were visible from outside the cages. Storage of hazardous liquid materials was not observed in the building. One of the

cages included a radioactive materials sign. The radiac units used for radiation detection are stored in the area and reportedly have a small radioactive source. Photograph 15 in Appendix B is a general view of the storage building.

Several military vehicles were located within the MEP area during the site visit. One non-permanent metal Container Express (CONEX) structure was observed in the MEP area. The CONEX structure was locked and inaccessible at the time of the site visit; Site personnel reported the CONEX is empty.

2.4 SITE HYDROLOGY AND GEOLOGY

2.4.1 Surface Water Characteristics

Figure 6 in Appendix A provides a portion of the 1987 Willow Springs, Alabama, United States Geological Survey (USGS) topographic map that includes the Site. As shown, the Site is situated at an elevation of approximately 275 feet above mean sea level and is relatively flat. In the immediate vicinity of the Site, the land surface slopes down to the south to the drainage feature located adjacent to the south side of the Site. The Site is located near the headwaters of the drainage feature, which flows to the west.

Stormwater sheet flows across the paved or landscaped surfaces directly to the drainage feature or to storm drain structures that pipe the flow to the drainage feature. A storm drain grated drop inlet is located in the grassy area east of the POV parking area. The Site also receives runoff from the north across Atlanta Highway via a buried pipe that discharges to the Site near its north side.

According to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM), Community Panel 01101C0063G, the Site is not included in the 100-year floodplain elevation or the 500-year floodplain elevation. Figure 7 in Appendix A provides a map depicting a portion of the FIRM that includes the Site.

2.4.2 Geology/Hydrogeological Characteristics

According to information acquired from the *Geologic Map of Alabama* (Alabama Geological Survey Special Map 220), the Site is situated on Cretaceous-aged sandstones and claystones of the Eutaw Formation, with adjacent areas mapped as Quaternary-aged alluvial sediments. Groundwater likely flows to the south or southwest toward the drainage feature located south of the Site.

The area around the Site has been mapped as the Red Bay soil series by the Soil Conservation Service. The typical soil type for the general area is fine sandy loam that is well drained with moderate infiltration rates. The Red Bay soils do not meet the requirements for hydric soils. The water table is usually greater than six feet below the surface.

2.5 SITE UTILITIES

Water Service – The City of Montgomery (Montgomery Water Works & Sanitary Sewer Board) provides potable water service to the Site.

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

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

2.6 WATER SUPPLY WELLS & SEPTIC SYSTEMS

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

A search of United States Geological Survey water well database identified one water well located less than 1/4 mile west of the Site. The well is reportedly located topographically down-gradient of the Site.

3.0 SITE HISTORY

3.1 HISTORY OF OWNERSHIP

Appendix C contains an environmental lien search and historical chain of title report completed for the Site and prepared by EDR. The United States of America is the current owner of the property. Montgomery County records were researched back to 1900, and no conveyance of the property into U.S. Government ownership was found. The research produced a letter dated 30 October 1956 that states the property would be transferred to the Department of the Army from the U.S. General Services Administration effective 15 November 1956.

The environmental lien search did not identify any environmental liens or activity and use limitations against the USAR Center property. The historical chain of title report did not identify any institutional or engineering controls of record.

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

Available business directories including City, cross-reference, and telephone directories were reviewed, if available, at five-year intervals for the years spanning 1965 through 2005. According to *Polk's City Directory* information provided by EDR and dated 26 July 2006, the U.S. Army Reserve Center was listed at the 4050 Atlanta Highway address back to the earliest directory that was checked (1965). A copy of the City Directory information is included in Appendix E.

Some design drawings for the Site are available at the 81st RRC office in Birmingham, Alabama. The available information includes several design drawings for the original construction at the Site, which are dated November 1957.

Historical documentation supports the reported circa 1959 construction date of the USAR Center building and AMSA building.

3.2 PAST USES AND OPERATIONS

Based on information from the historical chain of title report, the United States of America has owned the USAR Center property since at least 1900. The Site has served as a reserve and mobilization center for the U.S. Army since the U.S. Government transferred the property to the Department of the Army in 1956.

The Site primarily functioned as an administrative, logistical, and educational facility, with maintenance of military vehicles occurring in the AMSA building. The Site was historically used by reservists for drill activities on various weekends throughout the year. The units that have occupied the USAR Center have been the 361st Corps Support Battalion, the 282nd Quartermaster Company (formerly known as the 282nd

Direct Support Company), the 375th Corps Support Battalion, and the 926th Engineer Group.

At the time of the site visit, the USAR Center building was used as offices and classrooms and contained various items, including desks, office furniture, and folding tables.

Based on Site interviews and review of available drawings, the USAR Center building included a firing range located adjacent to the north wall of the building in the current drill hall area. The bullet stop was located along the west wall of the building at the northwest corner of the drill hall in the area now occupied by the Arms Vault. The Supervisory Staff Administrator (SSA) for the facility recalled that the lead in the bullet stop area was addressed and removed prior to construction of the Arms Vault. FMSM did not encounter documentation stating when the IFR was decommissioned or if a closure report with confirmatory sampling was prepared. Facility design drawings available at the 81st RRC included plans for the design of the current Arms Vault in design documents dated December 31, 1981. The construction details indicate installing a floor drain in the Arms Vault with discharge to a 24-inch diameter, 4-feet deep, gravel-filled drywell constructed outside along the west wall of the Administration Building. During the July 2006 Site reconnaissance, a locked manhole cover labeled "sewer" was observed in the grassy area west of the Administration Building near the Arms Vault. Although the manhole was locked and inaccessible for observation, it is interpreted to be the drywell detailed on the design drawing.

The AMSA building was used to conduct maintenance activities on military equipment. The SSA reported that vehicle maintenance activities at the AMSA ceased in 1978, which was before the SSA's arrival at the facility in 1980. The SSA stated that the AMSA building was converted to office and storage space in the mid-1980s. Because military vehicles are parked at the Site, it is likely that some minor vehicle maintenance activities have occurred at the Site since closure of the AMSA, including preventative maintenance checks and checking/filling vehicle fluids such as motor oil, water, and antifreeze. A former mechanic at the Site from 1972 to 1981 and now stationed at another Reserve facility in Montgomery was interviewed for this ECP. The former mechanic recalled that the AMSA closed in 1981 or 1982.

The original design drawings for the AMSA building indicate a "Grease Pit" in the AMSA building. According to the design details, the pit was 5-feet 4-inches deep and included an "oil receptor" trough at the central low point of the pit. According to the details, the pit walls and floor, including the oil receptor, were constructed of cast-in-place concrete with no outlet. A design drawing for building renovation dated 15 May 1980, included instructions to fill the grease pit with sand. During the July 2006 Site reconnaissance, a concrete-patched area was observed in the floor slab of the west bay of the former

AMSA building. The former mechanic confirmed that the patched area is the former location of a grease pit and said the pit was filled in 1981 or 1982.

At the time of the Site visit, the former AMSA building was used for dry storage, and no military vehicles were observed in the building. There were no indications that vehicle maintenance activities are currently conducted inside the building.

Vehicle washing appears to have been conducted in the area to the east of the former AMSA building. A design drawing dated 29 October 1975, indicates a Wash Rack next to the AMSA Building in the area where the current covered Wash Rack is located. The drawing indicates the Wash Rack drain was piped to discharge directly to the drainage feature located to the south of the Site. The drawing also details the proposed construction of a "settling basin" near the southeast corner of the Wash Rack. The "settling basin" appears to have functioned as a crude oil/water separator and includes a below-grade concrete box with a baffle and an inlet pipe from the Wash Rack and an outlet pipe to the sanitary sewer located south of the AMSA building. The drawing specifies abandoning the direct discharge pipe from the Wash Rack to the drainage feature and piping flow from the Wash Rack to the "settling basin" and from the "settling basin" to the sewer. During the July 2006 Site reconnaissance, the "settling basin" was observed in the grassy area east of the Wash Rack; however, it is not presently used.

Design drawings dated June 1995 detail modifications to the Wash Rack to include concrete curbs, a steel structure and roof assembly, and a concrete surface sloped to drain to a center inlet discharging to a new OWS. The drawing directs that the OWS discharge to the sanitary sewer. Based on the July 2006 site reconnaissance, the improvements shown on the 1995 drawings represent the present appearance of the Wash Rack. Evidence of the current OWS, located south of the Wash Rack, was observed during the site reconnaissance.

Historical aerial photographs and topographic maps were another source of information on the past use and operations at the Site. Figure 6 and Figures 8 to 11 in Appendix A provide USGS topographical maps and aerial views of the Site and surrounding areas in 1952, 1975, 1987, 1997, and 2002.

The 1952 USGS aerial photograph (Figure 8, in Appendix A) shows the Site and areas to the east and west as undeveloped. The Atlanta Highway is depicted in the photograph. The property directly across Atlanta Highway to the north and much of the surrounding areas appear undeveloped.

The 1975 USGS aerial photograph (Figure 9, in Appendix A) shows the Administration Building and AMSA building that are presently located on the Site. Portions of the school presently located to the west of the Site are visible. The property directly across Atlanta Highway to the north of the Site is developed with a large structure and associated parking areas. Residential development located to the southeast of the Site

appears in the photograph. The baseball fields that are presently part of the park development south of the site are visible in the 1975 photograph.

The 1987 USGS topographical map (Figure 6, Appendix A) shows the site developed with two structures – presumably the Administration Building and AMSA building. The map depicts structures to the west (labeled as Head School) and east of the Site, and the large structure directly across Atlanta Highway to the north appears on the map.

The 1997 aerial photograph (Figure 10, Appendix A) shows the Administration Building, the AMSA building, and the storage structure presently located to the northeast of the AMSA building. The photograph depicts increased development of properties along the Atlanta Highway near the site.

The 2002 aerial photograph (Figure 11, in Appendix A) depicts the site essentially in its present configuration. The metal storage building located to the northwest of the former AMSA building is visible in the photograph. A recent addition to the Head School located west of the Site is visible. The retail development across Atlanta Highway to the north of the site appears in its present configuration, and the structure visible on the property to the north in earlier photographs appears to have been modified or demolished and reconstructed.

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 was compiled through review of available site records, search of Federal and State environmental databases, and interviews with Army Reserve personnel. It should be noted, however, that vehicle maintenance activities began at the Site in the late 1950s. Historical records of use, storage and disposal of hazardous substances are not available for the first 20 to 30 years of Site activities.

Chemicals formerly used and stored at the Site were associated with vehicle and facility maintenance activities, and janitorial services. Janitorial chemicals and building maintenance-related products were stored in the designated storage area within the janitorial closets located in the Administration Building. Vehicle maintenance products, including small amounts of POL products were stored on Site. The site also stored small quantities of insecticides. Potentially hazardous materials and POL products were stored in the outdoor hazardous material storage shed located in the rear of the former AMSA building.

The former mechanic stated that vehicle fluids were drained into portable containers while mechanics worked in the grease pit; the fluids were eventually transferred to an aboveground trailer-mounted tank stored on a concrete pad located east of the AMSA

building. He recalled that Auburn University would periodically remove the fluids from the tank and take them off site.

Completed *Hazardous Material/Hazardous Waste Inventory* forms for the Site were available from a previous Environmental Baseline Survey and from 81st RRC staff participating in the Site reconnaissance. The forms, listing stored hazardous materials at the Site, are dated July 2004 and April 2006 and include rat poison, detergents, lubricants, cleaners, anti-freeze, spray paint, insecticide, and adhesives. The documents state that antifreeze and hydraulic fluid are stored in 5-gallon containers, and the remainder of the items are stored in 1-gallon or smaller containers. Written documentation of storage of hazardous materials prior to 2004 was not available.

Certain types of chemical products used and stored at the Site would have contained CERCLA hazardous substances and would have been stored on a rotational basis in amounts necessary to support the unit through direct support level maintenance. However, FMSM did not encounter documentation or indications that CERCLA hazardous substances were stored at the Site for one year or more in excess of corresponding reportable quantities.

3.3.2 Past Disposal and Release of Hazardous Substances

Information related to past disposal and potential release of hazardous substances at the Site was compiled through review of available site records, search of Federal and State environmental databases, and interviews with Army Reserve personnel. According to an Army Reserve document dated 13 May 1996, the Site is a Conditionally Exempt Small Quantity Generator of hazardous waste. Army Reserve personnel provided documentation, in the form of non-hazardous waste manifests, of disposal of 694 gallons of OWS sludge in May 2000 and 150 gallons of oil and water mixture in March 2006.

The former mechanic recalled that vehicle washing occurred on a concrete pad east of the AMSA building, and the runoff went into a drain that discharged to an unknown location. He said the vehicles were washed with a heavy solvent requiring the maintenance technicians to wear gloves. He said the washing periodically involved the undercarriage of the vehicles, so some petroleum constituents might have entered the runoff; however, no parts-washing was conducted on the concrete pad. The facility had a parts washer with solvent inside the AMSA building. The former mechanic's comments, and the finding on the 1975 design drawing that a Wash Rack drain was piped directly to the drainage feature south of the Site, suggest that diluted petroleum products and solvent might have been discharged to the drainage feature prior to the mid 1970s. A January 2007 soil sampling report indicated no volatile organic compounds (VOCs) or semi-volatile organic compounds (SVOCs) were present in a soil sample collected from the estimated former discharge area.

Site personnel and records did not indicate on-site disposal of hazardous materials or wastes. Neither the former mechanic or the SSA recalled any incidents of a significant release of hazardous substances. No stained soil or stressed vegetation considered indicative of disposal or releases of hazardous materials were observed during the July 2006 site visit. Additionally, the MEP area and POV parking areas did not show signs of severe staining, and no noxious or foul odors were noted during the site visit.

3.4 PAST PRESENCE OF BULK PETROLEUM STORAGE TANKS

Based upon a review of available site records, a search of Federal and State environmental databases, and interviews with Army Reserve personnel, a 1000-gallon underground storage tank (UST) storing gasoline was present on the property and located near the northwest corner of the former AMSA building. A Closure Assessment Report dated 18 December 1992, indicates the UST was removed in December 1992. The report indicates that both the tank and the product lines were removed, and no noticeable petroleum product or odors were observed in the excavation. The Site received a No Further Action letter dated 29 September 1994, from the ADEM indicating no further investigative or corrective actions were required at the Site.

An OWS is present on site, and the design drawing documentation indicates it is a 350-gallon, double-wall steel tank with a liquid level sensor, leak monitoring standpipe, and a high oil level alarm. The OWS reportedly discharges to the sanitary sewer system.

The former mechanic reported that a trailer-mounted AST holding used vehicle fluids was historically situated on a concrete pad east of the AMSA building.

3.5 REVIEW OF PREVIOUS ENVIRONMENTAL REPORTS

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

3.5.1 1992 UST Closure Assessment Report

The report was prepared by Environmental Materials Consultants, Inc., of Montgomery, Alabama. As stated previously, the report documented the removal and disposal in 1992 of the 1000-gallon UST formerly located near the AMSA building. The report includes observations during the tank removal and the results of soil sampling and testing for the presence of lead and total petroleum hydrocarbons. The documentation included in the report resulted in a No Further Action letter dated 29 September 1994, from the UST Compliance Unit at ADEM.

3.5.2 1997 Inspection of Wash Rack Report

The report, dated 28 June 1997, was prepared by the 81st RSC and includes the results of a site inspection following completion of the covered Wash Rack currently in place at the facility. The report states that the inspector reviewed proper procedures for operation of the Wash Rack with the Motor Sergeant and the SSA. The report identifies several deficiencies with the Wash Rack, including apparent lack of OWS cathodic protection, sediment or debris collection prior to discharge to the OWS and a drainage issue. The report recommends design changes to correct noted deficiencies for future such installations.

3.5.3 2001 Asbestos Inspection Report

The Environmental Enterprise Group, Inc. prepared the report based on facility inspections conducted on 11 December 2001. Suspect asbestos-containing materials (ACM) were identified and sampled in five structures. The report states that no ACM was detected in the administration building, the 240 square-foot storage building located to the southeast of the former AMSA building, the 720 square-foot storage building located to the northeast of the former AMSA building, or the 1,500 square-foot metal storage building. In the former AMSA building the presence of asbestos was confirmed in non-friable sheet flooring, and 9-inch square floor tile was assumed to be ACM.

3.5.4 2002 Air Quality Report

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

3.5.5 2004 Environmental Baseline Survey (EBS)

This document, dated 19 November 2004, was prepared for the 81st Regional Readiness Command (RRC) by Bregman & Company, Inc. The purpose of the document was to conduct an environmental assessment in accordance with the requirements of ASTM D6008-96 and E1527-00. Two environmental concerns were identified:

- Based on the 2001 Environmental Enterprise Group report, asbestos containing materials were identified in the former AMSA building.
- The regulatory list search identified one leaking UST within 1/2 mile of the site, 5 USTs within 1/4 mile, and three Resource Conservation and Recovery Information System (RCRIS) sites within 1/8 mile.

The report classified the Site as category Type 3 based on the seven DoD Environmental Condition of Property categories defined in ASTM D5746-98. Type 3 is defined as an area or parcel of real property where release, disposal, or migration, or some combination thereof, of hazardous substances has occurred, but at concentrations that do not require a removal or remediation action.

3.5.6 Additional Site Work and Documents Provided

Additional environmental work was conducted at the Site and additional reports provided to FMSM after the date of the site visit. These reports are included in Appendix D.

Soil Sampling Reports, August 2006. Soil samples were collected in the area around the OWS and the former OWS on 24 July 2006. Soil samples were collected from four soil borings, at three different depth intervals in each soil boring, and analyzed for TPH. The lowest soil sample concentration was 108 mg/kg TPH at the 6-foot interval in Soil Boring #4. The highest soil sample concentrations were 11,900 mg/kg TPH at the 3-foot interval in Soil Boring #4 and 144,000 mg/kg TPH at the 10-foot interval in Soil Boring #3. The ADEM UST Closure Site Assessment Guidance Manual recommends no further corrective action for any site that exhibits TPH concentrations in soil of 100 ppm or less. (Note: the August 2006 Soil Sampling Report mis-identifies the Montgomery USAR Center as Facility AL034 – it is Facility AL037.)

Radon Monitoring Results, October 2006. Radon monitoring was conducted at the Site in October 2006. A radon monitor unit was placed at the Site from 2 October through 24 October 2006. The average radon concentration for this testing period was 2.6 picoCuries per liter (pCi/l). The USEPA recommended exposure limit is 4 pCi/l.

Soil Sampling Results, November 2006 Soil samples were collected from three soil borings located in the area between the OWS and former OWS. Soil samples were collected from depths of three feet, six feet and 11 feet in each soil boring. Each soil sample was analyzed for benzene, toluene, ethylbenzene and xylene (BTEX) and SVOCs. BTEX and SVOCs. BTEX and SVOCs were not detected in any of the soil samples.

Limited Soil Sampling and Analysis, December 2006. Two soil samples were collected: one adjacent to the manhole outside the Arms Vault at a depth of three feet, and one in the estimated vicinity of the former discharge from the Wash Rack at a depth of four feet. Each sample was analyzed for TCLP (toxicity characteristic leaching procedure) volatiles and TCLP semi-volatiles. The analysis results for both samples were below detection limits for all constituents.

4.0 ADJACENT PROPERTIES

Figure 11 in Appendix A provides a 2002 aerial view of the Site and adjacent properties. The Thomas L. Head Elementary School is located west of the Site. Atlanta Highway bounds the Site to the north, with a retail shopping center located beyond. The shopping center is anchored by a Publix grocery store and includes miscellaneous additional storefront retail and service companies. The shopping center includes a dry cleaning establishment; however, it is not known whether the facility actually conducts the cleaning or whether it is a retail storefront with cleaning operations conducted elsewhere. The site is bounded on the east by an Exxon gasoline dispensing station and to the south by a drainage feature and a public park beyond. Table 1 provides a list of adjacent properties and their directional location with respect to the Site. The zoning of the adjacent parcels is also listed in Table 1. Photographs 16 through 19 in Appendix B provide views of adjacent properties and surrounding land use.

TABLE 1
LIST OF ADJACENT PROPERTIES

DIRECTION FROM SITE	NAME/TYPE OF PROPERTY	ADDRESS	ZONING
North	Atlanta Highway and Dalraida Commons Shopping Center	4041 Atlanta Highway	B-3 Commercial
South	Goodwyn Park	209 Perry Hill Road	Institutional
East	Exxon (Bee Line # 646)	4100 Atlanta Highway	B-2 Commercial
West	Thomas L. Head Elementary School	3950 Atlanta Highway	Institutional

Appendices A and E provide historical aerial photographs, topographic maps, EDR Reports, and City directory information, which were used to evaluate potential environmental impacts on adjacent properties that may have also impacted the environmental conditions at the Site. The City directory information confirms that the property to the west of the Site at 3950 Atlanta Highway has been the Thomas L. Head Elementary School since the earliest directory consulted (1965).

The property to the east of the Site at 4100 Atlanta Highway has apparently been a gas station since at least 1965 and is listed under various names in the directories. The City directory lists the property to the east as Bellhurst Enco (1965, 1970, 1975), Bellhurst Exxon Service Center (1980, 1985, 1990, 1995), and Beeline (2000, 2005). A receipt for purchase of gasoline on 31 July 2006, identified the facility as Bee Line #646.

The property to the north of the Site at 4041 Atlanta Highway does not appear in the City directories consulted until the 1980 edition, where there are two entries for the address including Big Apple Discount and K-Mart. The address is listed under both names or solely K-Mart in the 1985, 1990, and 1995 directories. In the 2000 and 2005 directories the address is listed as Dooley and Mac Construction.

No City directory information was available for the property to the south of the Site; however, the aerial photographs suggest the property was undeveloped or used as park land, as evidenced by the appearance of baseball fields, since the earliest available photograph from 1952.

5.0 REVIEW OF REGULATORY INFORMATION

A component of the ECP is the review of reasonably obtainable Federal, State, and local government records for the Site and surrounding properties, where there has been a release or likely release of a hazardous substance or a petroleum product, and which is likely to cause or contribute to a release or threatened release of a hazardous substance or a petroleum product on the Federal real property. A regulatory database summary was acquired from EDR on 14 July 2006. The regulatory database summary consolidates standard Federal, State, local, and tribal environmental record sources based on ASTM recommended minimum search distances from the Site. A copy of the EDR report is included in Appendix E.

5.1 FEDERAL ENVIRONMENTAL RECORDS

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

TABLE 2
FEDERAL DATABASE SEARCH

DATABASE	SEARCH DISTANCE (MILES)	SITE	<1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	TOTAL PLOTTED
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
Delisted NPL	1.000		0	0	0	0	NR	0
NPL Recovery	TP		NR	NR	NR	NR	NR	0
CERCLIS	0.500		0	0	0	NR	NR	0
CERC-NFRAP	0.500		0	0	0	NR	NR	0
CORRACTS	1.000		0	0	0	0	NR	0
RCRA TSD	0.500		0	0	0	NR	NR	0
RCRA Lg. Quantity Gen	0.250		0	0	NR	NR	NR	0

TABLE 2
FEDERAL DATABASE SEARCH

DATABASE	SEARCH DISTANCE (MILES)	SITE	<1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	TOTAL PLOTTED
RCRA Sm. Quantity Gen	0.250		2	1	NR	NR	NR	3
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		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
US Brownfields	0.500		0	0	0	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0

TABLE 2
FEDERAL DATABASE SEARCH

DATABASE	SEARCH DISTANCE (MILES)	SITE	<1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	TOTAL PLOTTED
MLTS	TP		NR	NR	NR	NR	NR	0
MINES	0.250		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0

TP = Target Property; NR = Not Required

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

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

The USAR Center is not included on the small or large quantity generators list. According to interviews with an 81st RRC representative, the facility is considered a conditionally exempt small quantity generator. Three RCRA-registered small quantity generators are located within 1/4 mile of the Site:

- Penske Auto Center, 4041 Atlanta Highway, an address which is located directly across Atlanta Highway to the north of, and higher in elevation than, the USAR Center. No RCRA violations are associated with the Auto Center. Based on area reconnaissance and review of the history of surrounding sites, the Penske Auto Center was likely associated with the K-Mart retail facility that used to occupy the property. The K-Mart facility was demolished to allow construction of the current Dalraida Commons shopping center at the subject address.

- Exxon Co. USA, 4100 Atlanta Highway, which is an operating gasoline station adjacent to the east side of the Site. The facility is at the same

relative elevation as the Site. Reportedly, no RCRA violations are associated with the facility.

- American Lubefast, 4131 Atlanta Highway, which is operating as an automobile lubricating service approximately 900 feet east of the Site. The facility is topographically less than 5 feet higher than the Site and has no reported violations.

The list information includes no large quantity generators situated within 1/4 mile of the Site.

5.2 STATE AND LOCAL ENVIRONMENTAL RECORDS

The regulatory information presented in Table 3 was obtained from the EDR State and local regulatory database search report. Sites identified by this database search are discussed in the following subsections. Written requests for state environmental records were submitted to the ADEM Air Division, Water Division, and Solid Waste Branch and to the Alabama Department of Public Health. Copies of the letters sent to each agency, as well as responses received to date, are included in Appendix E.

TABLE 3
STATE DATABASE SEARCH

DATABASE	SEARCH DISTANCE (MILES)	SITE	<1/8	1/8 – 1/4	1/4 – 1/2	1/2 – 1	>1	TOTAL PLOTTED
State Haz. Waste	1.000		0	0	0	0	NR	0
State Landfill	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
LUST	0.500		0	0	1	NR	NR	1
AOCONCERN	1.000		0	0	0	0	NR	0
UST	0.250	X	3	2	NR	NR	NR	5
LAST	0.500		0	0	0	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0

TABLE 3
STATE DATABASE SEARCH

DATABASE	SEARCH DISTANCE (MILES)	SITE	<1/8	1/8 – 1/4	1/4 – 1/2	1/2 – 1	>1	TOTAL PLOTTED
INST CONTROLS	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
Brownfields	0.500		0	0	0	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
TIER 2	TP		NR	NR	NR	NR	NR	0

TP = Target Property; NR = Not Required

5.2.1 State-Registered Leaking UST (LUST) Sites Within 1/2 Mile

The Site itself is not listed in the State LUST database. According to the EDR report, one LUST site was identified within 1/2 mile of the USAR Center:

- Spectrum #28, 4291 Atlanta Highway, which is reportedly 2,470 feet east of the Site and at a relatively higher elevation. The incident that caused the property to be listed reportedly occurred in August 1990. The EDR report indicates that a No Further Action (NFA) designation has been assigned for the property. The NFA indicates that no further remedial action is required and that residual petroleum contamination does not pose a concern for human health or the environment.

5.2.2 State-Registered UST Sites Within 1/4 Mile

The USAR Center Site is included on the list of UST sites. According to the EDR report, five additional UST sites were identified within 1/4 mile of the USAR Center. Table 4 lists the sites along with their address and elevation relative to the Site.

TABLE 4
UNDERGROUND STORAGE TANK SITES

COMPANY/SITE	ADDRESS	DISTANCE AND DIRECTION FROM SITE	TANK STATUS	ELEVATION RELATION TO SITE
U.S. Army Reserve Center	4050 Atlanta Highway, Montgomery, AL 36109	Site	1 Tank-Permanently Closed	Equal
K-Mart #3132	4041 Atlanta Highway, Montgomery, AL 36109	Approximately 134 feet northwest	1 Tank - Permanently Closed	Higher
Greenwood Cemetery	P.O. Box 3175 Highland Ave, Montgomery, AL 36109	Approximately 442 feet north-northwest	1 Tank – Permanently Closed	Higher
Bee Line #646	4100 Atlanta Highway, Montgomery, AL 36109	Approximately 453 feet east-southeast	5 Tanks-Permanently Closed, 3 Tanks-Currently in Use	Equal
Zippy Mart AL 626	18 Perry Hill Road, Montgomery, AL 36107	Approximately 1300 feet west	2 Tanks-Permanently Closed	Higher
Gulf Service Station # 307918	3893 Atlanta Highway, Montgomery, AL 36109	Approximately 1307 feet west-northwest	5 Tanks-Permanently Closed	Higher

TP = Target Property; NR = Not Required

Three USTs are reportedly located at the Bee Line #646 facility, which is listed at the same address as the existing Exxon gas station on the property to the east of the Site. Based on data in the EDR Report, the tanks contain various grades of gasoline and each has a capacity of 9,346 gallons. The tanks and piping are reportedly constructed of fiberglass or fiberglass reinforced plastic. No documented releases have occurred at this site. As part of the area reconnaissance, the Exxon gas station was observed from the Site. There were no apparent surface indications of remediation activities or monitoring wells at the property. The gas station facility is located hydrogeologically cross-gradient from the Site with groundwater flow to the south or southwest and is not believed to pose a significant risk.

5.2.3 Local Emergency Agency Correspondence

The Deputy Fire Marshal for the City of Montgomery was contacted regarding any responses the Fire Department might have made to the Site. The Deputy Fire Marshal advised that there is no record of any fires at the Site. He said the Montgomery Fire Department inspected the Site in April 2005 and found no violations.

The Montgomery City-County Emergency Management Agency was contacted regarding any responses the Agency might have made to the Site. The agency representative replied that there are no records of hazardous spills or incidents on file for the Site.

5.2.4 Other

The 81st RRC provided a copy of a letter from the ADEM dated 19 May 1994, that states the USAR Center does not need to apply for an Alabama general Stormwater permit "based on the facilities [sic] applicable Standard Industry Classification codes and also through the definitions of 'non-industrial activities' that take place" at the facility.

5.3 TRIBAL ENVIRONMENTAL RECORDS

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

TABLE 5
TRIBAL DATABASE SEARCH

DATABASE	SEARCH DISTANCE (MILES)	TARGET SITE	<1/8	1/8 – 1/4	1/4 – 1/2	1/2 – 1	>1	TOTAL PLOTTED
Indian Reservation	1.000		0	0	0	0	NR	0

NR = Not Required

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

5.4 EDR PROPRIETARY RECORDS

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

TABLE 6
EDR PROPRIETARY DATABASE SEARCH

DATABASE	SEARCH DISTANCE (MILES)	TARGET SITE	<1/8	1/8 – 1/4	1/4 – 1/2	1/2 – 1	>1	TOTAL PLOTTED
Manufactured Gas Plants	1.000		0	0	0	0	NR	0
EDR Historical Auto Stations	TP		NR	NR	NR	NR	NR	0
EDR Historical Cleaners	TP		NR	NR	NR	NR	NR	0

TP = Target Property; NR = Not Required

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

5.5 UNMAPPED SITES

The EDR database search yielded 16 unmapped sites. Unmapped sites are those with insufficient address information such that they can only be identified as within the Zip Code of the target property. Efforts to locate these sites and assess their relevance to this ECP report were made using the mapping utility provided at maps.google.com and searching for listed site names in on-line directories. The locations of the unmapped sites listed in the City of Montgomery were identified and mapped. None of those unmapped sites appeared to be located within corresponding ASTM search radius distance from the Site.

5.6 SUMMARY OF PROPERTIES EVALUATED TO DETERMINE RISK TO THE SITE

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

TABLE 7
PROPERTIES EVALUATED FOR POTENTIAL ENVIRONMENTAL RISKS

COMPANY/SITE	DATABASE	ELEVATION IN REGARDS TO SITE	POTENTIAL RISK TO SITE?	COMMENT
Penske Auto Center	RCRA Small Quantity Generator	Higher	No	No RCRA violations
Exxon Co. USA #50556	RCRA Small Quantity Generator	Equal	No	No RCRA violations
Spectrum #28	LUST	Higher	No	No Further Action Issued
U.S. Army Reserve Center	UST	Site	No	Permanently Closed (No Further Action Issued)
K-Mart #3132	UST	Higher	No	Permanently Closed
Greenwood Cemetery	UST	Higher	No	Permanently Closed
Bee Line #646	UST	Equal	No	Permanently Closed and Active Tanks and cross-gradient
Zippy Mart AL 626	UST	Higher	No	Permanently Closed
Gulf Service Station # 307918	UST	Higher	No	Permanently Closed

Based on an evaluation of available information and details concerning the properties listed in Table 7, no surrounding properties are classified as potentially “High Risk” to the subject Site. “High Risk” properties are those that exhibit significant environmental conditions that have the probability of adversely affecting the environmental conditions at another site.

6.0 SITE INVESTIGATION AND REVIEW OF HAZARDS

Findings documented in the following subsections are based on the 31 July 2006, site and area reconnaissance, a review of available site records, and information obtained from U.S. Army Reserve personnel.

6.1 UNDERGROUND/ABOVEGROUND STORAGE TANKS (USTS/ASTS)

The Site currently has an OWS that was constructed to accept runoff from the Wash Rack. Based on review of site documents, the OWS is a 350-gallon double-wall, steel tank with a liquid level sensor, leak monitoring standpipe and high level oil alarm. The tank reportedly discharges to a 6-inch diameter sanitary sewer on the property.

An underground fuel storage tank historically existed on site, and the records of its removal in 1992 resulted in a "No Further Action" letter from the ADEM.

No aboveground storage tanks were observed during the site reconnaissance.

6.2 INVENTORY OF CHEMICALS / HAZARDOUS SUBSTANCES

Janitorial chemicals and building maintenance-related products were observed stored in the designated storage area within the janitorial closets located in the Administration Building. Vehicle maintenance products, including small amounts of POL products were stored on site. The Site also stored small quantities of insecticides. Potentially hazardous materials and POL products were stored in the outdoor hazardous material storage shed located in the rear of the former AMSA building.

Completed Hazardous Material/Hazardous Waste Inventory forms for the Site were available from 81st RRC staff participating in the Site reconnaissance. The forms, listing stored hazardous materials at the Site, are dated April 2006 and listed rat poison, detergents, lubricants, cleaners, anti-freeze, spray paint, insecticide, and adhesives. The documents state that antifreeze and hydraulic fluid are stored in 5-gallon containers, and the remainder of the items are stored in 1-gallon or smaller containers.

6.3 WASTE DISPOSAL SITES

There were no obvious signs of landfilling or illegal waste disposal activities at the Site during the July 2006 site reconnaissance.

6.4 PITS, SUMPS, DRYWELLS, AND CATCH BASINS

The patched concrete floor in the former AMSA building and the design details on original facility engineering drawings indicate that a grease pit was present when the AMSA was conducting vehicle maintenance. The pit included concrete walls and floor

that sloped to an oil receptor trench in the bottom of the pit. The pit was reportedly filled and the concrete floor was patched around 1980. The design drawings reviewed for this ECP specify that the pit should be filled with sand, but the actual backfill material is not known. No records of environmental investigation of the grease pit were found.

During the site reconnaissance, a manhole with a locked lid was noted in the grassy area outside the Arms Vault. The interior of the manhole was not accessible; however, based on review of facility drawings, the manhole is likely a drywell that receives discharge from the floor drain in the Arms Vault.

The kitchen area of the Administration Building contains a grease trap, which is identified as a "Grease Interceptor" with a cleanout set in a concrete pit outside the kitchen to the south of the building. The grease interceptor discharges to the sanitary sewer according to drawings that were reviewed.

Floor drains are located within the kitchen area, boiler room, and restrooms. The floor drains are reported to discharge to the sanitary sewer.

The Wash Rack area located next to the former AMSA building has a trench drain connected to an OWS located to the south of the Wash Rack. Discharge is reportedly to the municipal sanitary sewer. The main sanitary sewer pipe is located near the south property line.

Stormwater sheet flows to the south and west. Most of the runoff is discharged by sheet flow to the drainage feature located south of the property; however, some runoff is collected by a grated drop inlet located in the grassy area east of the POV parking area.

6.5 ASBESTOS CONTAINING MATERIAL (ACM)

The SSA for the Site reported recalling that asbestos-containing floor tile and thermal system insulation were removed from the kitchen, boiler room, and hallways in the 1980's. No records of this removal were available.

After a December 2001 building inspection and survey, Environmental Enterprise Group, Inc., concluded that confirmed, non-friable, ACM were located in light green sheet flooring in the former AMSA Building. The survey noted the presence of presumed ACM in green floor tile and mastic in the former AMSA Building. The survey recommended removal of the ACM or managing the ACM using an Operations and Maintenance Plan.

According to the 2001 building inspection and survey report, no other ACM was detected or suspected in the remaining four buildings at the Site.

The 81st RRC representative provided a copy of an *Asbestos Operations and Maintenance Plan* that includes the Screws USAR Center.

6.6 POLYCHLORINATED BIPHENYL CONTAINING EQUIPMENT

One pole-mounted transformer is located on Site in the grassy area to the northeast of the Administration Building. Three pole-mounted transformers are located in the rear of the Administration Building. The former EBS report conducted for the Site includes a letter dated 23 August 2004, from Alabama Power acknowledging the presence of the transformers serving the site. The letter states that, because the transformers' dielectric fluid has not been tested for PCB concentrations, Alabama Power is required to assume for the regulatory purposes that the units contain PCBs in the range of 50 to less than 500 parts per million (ppm) PCB.

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

6.7 LEAD

The documents provided for review prior to preparation of this assessment do not include a lead-based paint survey. During the site reconnaissance, peeling paint was observed in the upper parts of the interior of CMU walls in the drill hall (see Photograph 20 in Appendix B).

The Administration Building included a firing range formerly located in the present drill hall. FMSM did not encounter documentation stating when the IFR was decommissioned or if a closure report with confirmatory sampling was prepared. Site contacts reported that the lead was cleaned from the bullet stop area, which was located near the northwest corner of the drill hall, prior to construction of the present Arms Vault. No records were encountered documenting assessment or cleanup of lead in the former IFR or the air handling system serving the former IFR.

6.8 RADON

The documents provided for review prior to preparation of the site visit did not include a site-specific radon survey. The USEPA Map of Radon Zones for Montgomery County, Alabama, confirms that the County lies within Zone 2, which has moderate potential for radon, with a predicted average indoor screening level of 2 to 4 pCi/l. The USEPA recommended exposure limit is 4 pCi/l.

6.9 MUNITIONS AND EXPLOSIVES OF CONCERN (MEC)

There is an active Arms Vault in the drill hall area. Only small arms are kept in the Arms Vault. No indications were found during the July 2006 Site reconnaissance or records review process of the past or current use, storage or disposal of MEC, including unexploded ordnance, at the Site.

6.10 RADIOACTIVE MATERIALS

During the July 2006 site reconnaissance, a radioactive materials sign was noted in a caged storage locker inside the metal storage building. The radiac units used for radiation detection are stored in the area and reportedly have a small radioactive source. Site personnel reported that the source does not require a Nuclear Regulatory Commission radioactive materials license or permit.

7.0 REVIEW OF SPECIAL RESOURCES

7.1 LAND USE

Figure 11 in Appendix A provides a 2002 aerial photograph of the USAR Center and surrounding properties and generally depicts current land use. According to the City of Montgomery's Land Use Administrator, the Site is zoned Institutional. The site is located in a mixed-use area that combines commercial and residential land uses.

7.2 COASTAL ZONE MANAGEMENT

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

7.3 WETLANDS

The U.S. Fish and Wildlife Service (USFWS) National Wetland Inventory (NWI) map shows that no jurisdictional wetlands are identified on the Site or its adjacent properties. The nearest wetland is located approximately two miles northeast of the site. In addition, soils at the Site are classified as Red Bay fine sandy loam, which do not meet the requirements of a hydric soil. Based on a review of the NWI map and soils information, it is not likely that jurisdictional wetlands occur on the Site or its adjacent properties. Figure 12 in Appendix A provides an NWI map illustrating wetlands in the immediate vicinity.

7.4 100-YEAR FLOODPLAIN

A review of the FEMA digital Flood Hazard Area map indicates that the Site lies outside the 100-year floodplain. The nearest floodplain boundary is located approximately 1/2 mile to the southwest of the Site. Figure 7 in Appendix A shows the 4 August 2003, FIRM of the Site location.

7.5 NATURAL RESOURCES

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

TABLE 8
FEDERALLY THREATENED AND ENDANGERED SPECIES KNOWN TO OCCUR IN MONTGOMERY COUNTY, ALABAMA

COMMON NAME	SCIENTIFIC NAME	FEDERAL STATUS
Bald eagle	*Haliaeetus leucocephalus*	Endangered
Red-cockaded woodpecker	*Picoides borealis*	Endangered
American peregrine falcon	*Falco peregrinus anatum*	Endangered
Wood stork	*Mycteria americana*	Endangered

7.6 CULTURAL RESOURCES

The Site does not appear on the National Register of Historic Places (NRHP). Because the Site is younger than 50 years, it is unlikely eligible for listing in the NRHP; however, a site-specific evaluation of the property would be required to draw a final conclusion regarding the Site status.

7.7 OTHER SPECIAL RESOURCES

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

8.0 CONCLUSIONS

FMSM, under contract to the USACE, Louisville District Engineering Division, was authorized to conduct an ECP report for the BG William P. Screws USAR Center, located at 4050 Atlanta Highway, Montgomery, Montgomery County, Alabama 36109 on approximately 4.8 acres of land. The Site is currently occupied by the 81st RRC Retention Cell, the 361st Support Battalion, and the 282nd Quartermaster Company. Recently, the Site has primarily functioned as an administrative, logistical, and educational facility, and in the past provided vehicle maintenance in the AMSA building.

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

- **Aboveground Storage Tanks (ASTs) -** No aboveground storage tanks were observed during the site reconnaissance.

- **Adjacent Properties -** Potential environmental sites of concern, located within corresponding ASTM search radius distances from the Site, were evaluated. None of the facilities evaluated are believed to be “High Risk”. “High Risk” properties are those that exhibit environmental conditions that have a significant risk of adversely affecting the environmental conditions at another site.

- **Asbestos –** Removal of asbestos-containing floor tile and thermal system insulation was reportedly conducted in the early 1980s, although no records of the removal were found. A 2001 asbestos survey revealed that confirmed, non-friable asbestos-containing sheet flooring material is located in the former AMSA Building. The survey noted the occurrence of assumed asbestos-containing floor tile and mastic in the former AMSA Building. The report indicated no asbestos-containing building materials were present in the other buildings.

- **Hazardous Substances –** Chemicals formerly used and stored at the Site were associated with vehicle and facility maintenance activities, and janitorial services. No evidence was found to suggest that janitorial chemicals and building maintenance-related products were improperly used, stored in areas other than the designated storage areas, or improperly disposed.

  The AMSA had apparently been in use as a vehicle maintenance facility since its construction in the late 1950s until the late 1970s. Vehicle maintenance products, including POL products; batteries; solvent, paint, antifreeze, cleaning fluids, adhesives, and tires were reportedly stored on site in and around the

AMSA building. Solvents were reportedly used in the wash rack area to clean vehicles.

Certain types of chemical products used and stored at the Site would have contained CERCLA hazardous substances and would have been stored on a rotational basis in amounts necessary to support the unit through direct support level maintenance. FMSM did not find documentation indicating that CERCLA hazardous substances were stored at the Site for one year or more in excess of corresponding reportable quantities.

- **Indoor Firing Range -** The USAR Center building included a firing range formerly located in the present drill hall. FMSM did not encounter documentation stating when the IFR was decommissioned or if a closure report with confirmatory sampling was prepared. Site contacts reported that the lead was cleaned from the bullet stop area; however, no documentation of the reported cleanup was found. No records were encountered documenting assessment or cleanup of lead in the former IFR or the air handling system serving the former IFR.

- **Lead-Based Paint –** There was no record of a LBP survey for the Site. Several of the Site buildings were reportedly constructed in the 1950s, and due to their age, the buildings might contain LBP. During the site reconnaissance, peeling paint was observed in the upper parts of the interior walls in the drill hall.

- **Munitions and Explosives of Concern (MEC) -** There is an active Arms Vault in the drill hall area. Only small arms are kept in the Arms Vault. No indications were found during the July 2006 site reconnaissance or records review process of the past or current use, storage or disposal of MEC, including unexploded ordnance, at the Site.

- **Oil/Water Separator (OWS) -** The Site includes a “settling basin”, installed in the mid 1970s, that apparently served as a crude OWS for the Wash Rack. The basin is a below-grade concrete box with a baffle, and it was reportedly connected to the sanitary sewer. Use of the basin was discontinued when a new OWS was installed.

  The site has an OWS consisting of a buried 350-gallon tank reportedly installed in 1997 that serves the Wash Rack and is reportedly connected to the sanitary sewer. Soil sampling conducted in July 2006 indicated the presence of elevated levels of TPH in the soil in the vicinity of the OWS and the settling basin.

- **Pits, Sumps, Drywells, and Catch Basins –** The site appears to have a drywell in the grassy area outside the Arms Vault on the west side of the USAR Center building. According to design drawings, the drywell receives discharge from a

floor drain in the Arms Vault. The drywell may be considered a Class V injection well under Alabama regulatory guidelines.

The patched concrete floor in the former AMSA building and the design details on original facility engineering drawings indicate that a grease pit, with no outlet, was present when the AMSA was conducting vehicle maintenance. The pit was filled and the concrete floor was patched around 1980.

- **Polychlorinated Biphenyl (PCB) Materials –** Several pole-mounted transformer units are located on site. Alabama Power, the owner of the transformers, has stated that the PCB content of the transformers is unknown, and for regulatory purposes they must be assumed to contain PCBs in the range of 50 to less than 500 ppm PCB.

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

- **Radiological Materials –** Radiac units used for radiation detection are stored on-site and reportedly have a small radioactive source. Site personnel reported that the source does not require a Nuclear Regulatory Commission radioactive materials license or permit. There is no evidence to suggest that any radiological commodities were improperly managed at the Site or that any radionuclides were released.

- **Radon –** Radon monitoring was conducted at the Site in October 2006. The average radon concentration for the 22-day testing period was 2.6 pCi/l. The USEPA recommended exposure limit is 4 pCi/l.

- **Underground Storage Tanks (USTs) –** A UST for fuel storage was located on the Site; however, the tank was removed in 1992. A closure report was issued and forwarded to the ADEM. ADEM issued a “No Further Action” letter dated 29 September 1994, indicating no further investigative or corrective actions were required at the Site.

- **Wash Water Discharge -** A vehicle wash facility is located next to the former AMSA building. Available information indicates that solvents were used to clean vehicles and was discharged to a settling basin. Historical records suggest that the vehicle wash area discharged directly to the drainage feature located south of the property, until the initial OWS (“settling basin”) was installed in the mid-1970s. Recent sampling indicates that releases occurred from the settling basin.

ENVIRONMENTAL CONDITION OF PROPERTY

In accordance with Department of Defense policy defining the classifications (See Deputy Under Secretary of Defense Goodman Memorandum dated 21 October 1996), the Property has been classified as Category 2, an area where only the release or disposal of petroleum products has occurred. Recent soil sampling indicated a release of petroleum in the vicinity of the OWS. ECP information documents that solvents were used at the wash rack, which discharged to the OWS. The potential release of hazardous substances has not been evaluated.

9.0 LIMITATIONS

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

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

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

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

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

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

10.0 REFERENCES

PERSONS CONTACTED

- Mr. Ben Dunn, JM Waller Associates, Contractor for 81st Regional Readiness Command, Area 3 Environmental Manager, (334) 268-6859, 31 July 2006.
- Ms. Karen White, JM Waller Associates, Contractor for 81st Regional Readiness Command, NEPA Coordinator, Deputy Chief of Staff, Installation Management, 3 August 2006.
- Ms. Patsy Norman, Supervisory Staff Administrator (Facility Manager), BG William P. Screws USARC, (334) 244-5640, 31 July 2006.
- Mr. Jack Barrett, former Site Mechanic, William P. Screws USARC, (334) 244-5630, telephone correspondence, 24 August 2006.
- Ms. Claire Drummond, City of Montgomery, Alabama, Land Use Administrator's Office, telephone correspondence, 14 August 2006.
- Major George, Deputy Fire Marshal, City of Montgomery Fire Department, telephone correspondence, 11 August 2006.
- Ms. Tere Beaty, Clerk III, Montgomery City-County Emergency Management Agency, telephone correspondence, 11 August 2006.

RESOURCES CONSULTED

- Aerial Photographs provided by EDR dated 1952, 1975, and 1997.
- Aerial Photographs available from USGS through TerraServer dated 2002.
- EDR Report – The EDR Report in Appendix E includes a comprehensive list of the Federal, State, Local, Tribal and Proprietary databases that were queried.
- National Wild and Scenic Rivers, http://www.nps.gov/rivers/wildriverslist.html#oh
- Szabo, M.W., Osbourne, W.E., Copeland, C.W. and Neathery, T. L., 1988, *Geologic Map of Alabama*, Alabama Geological Survey Special Map 220.
- Alabama Coastal Area Management program , available from http://www.adem.state.al.us/fieldops/coastal/coastal.htm and http://coastalmanagement.noaa.gov/mystate/al.html

- USEPA Map of Radon Zones, http://www.epa.gov/radon/zonemap.html
- FEMA Flood Hazard Insurance Map, available from http://msc.fema.gov/webapp/wcs/stores/servlet/CategoryDisplay?catalogId=10001&storeId=10001&categoryId=12001&langId=-1&userType=G&type=1&dfirmCatId=12009
- Unit Locator Website, http://www.armyreserve.army.mil/usar/unitlocator/UnitLocator.aspx#city
- Federal Regulatory Databases
    - National Priorities List (NPL), 19 April 2006
    - Proposed NPL Sites, 19 April 2006
    - Delisted NPL Sites, 19 April 2006
    - Federal Superfund Liens (NPL Liens), 15 October 1991
    - Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS), 1 February 2006
    - CERCLIS No Further Remedial Action Planned Sites (NFRAP), 1 February 2006
    - Resource Conservation and Recovery Information System (RCRIS) Corrective Action Sites (CORRACTS), 15 March 2006
    - Resource Conservation and Recovery Act Information (RCRA), 9 March 2006
    - Emergency Response Notification System (ERNS), 31 December 2005
    - Engineering Controls Sites List (US ENG CONTROLS), 21 March 2006
    - Listing of Brownfields Sites, 26 April 2006
    - Superfund Consent Decrees, 14 December 2004
    - Records of Decision (ROD), 13 April 2006
    - Department of Defense Sites, 31 December 2004
    - Uranium Mill Tailings Sites, 4 November 2005

- Open Dump Inventory (ODI), 30 June 1985
- Toxic Chemical Release Inventory System (TRIS), 31 December 2003
- Toxic Substances Control Act (TSCA), 31 December 2002
- FIFRA/TSCA Tracking System, 29 March 2006
- FTTS INSP, 31 March 2006
- Section 7 Tracking Systems (SSTS), 31 December 2004
- Integrated Compliance Information System (ICIS), 13 February 2006
- PCB Activity Database System (PADS), 27 December 2005
- Material Licensing Tracking System (MLTS), 12 April 2006
- Mines Master Index File (MINES), 9 February 2006
- Facility Index System/Facility Registry System (FINDS), 27 April 2006
- RCRA Administrative Action Tracking System (RAATS), 17 April 1995
- Biennial Reporting System (BRS), 31 December 2003

- State and Local Regulatory Databases
  - Hazardous Substance Cleanup Fund (SHWS), 10 April 2006
  - Licensed Solid Waste Facilities, 1 August 2005
  - Recycling/Recovered materials Processors Directory, 1 September 2003
  - Leaking Underground Storage Tank Listing, 27 March 2006
  - Underground Storage Tank File, 17 April 2006
  - Area of Concern, 13 August 2001
  - SPILLS – Emergency Response Database, 16 May 2006
  - Aboveground Storage Tank (AST) Sites, 17 April 2006
  - AST Release Incidents, 1 May 2006

- Sites with Institutional Controls, 3 March 2005
- Voluntary Cleanup Program Sites, 5 April 2006
- Brownfields Inventory, 3 March 2005
- Clandestine Methamphetamine Lab Sites, 14 February 2005
- Tier 2 Data Listing, 5 April 2006

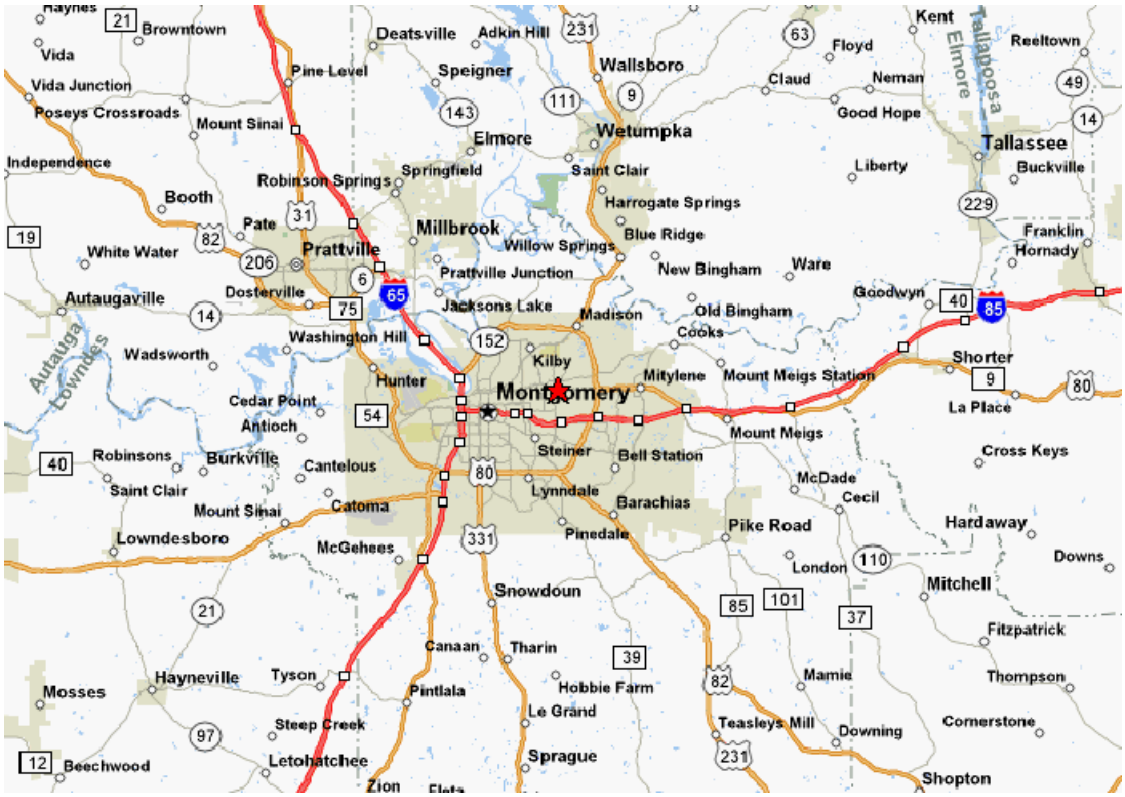
- Tribal Records
  - Indian Reservations, 31 December 2004

AGENCIES CONTACTED

- Letters of inquiry to the ADEM and the Alabama Department of Public Health
- City of Montgomery, Alabama, Land Use Administrator's Office
- City of Montgomery Fire Department
- Montgomery City-County Emergency Management Agency

APPENDIX A

FIGURES



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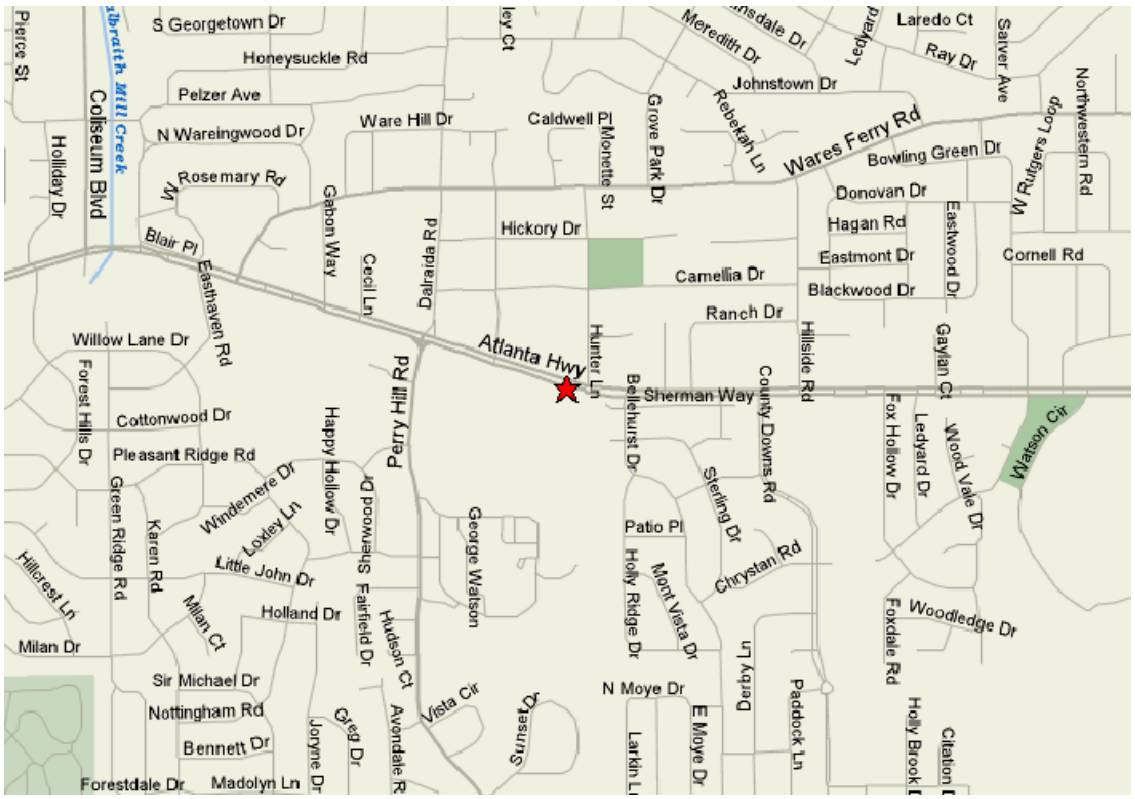
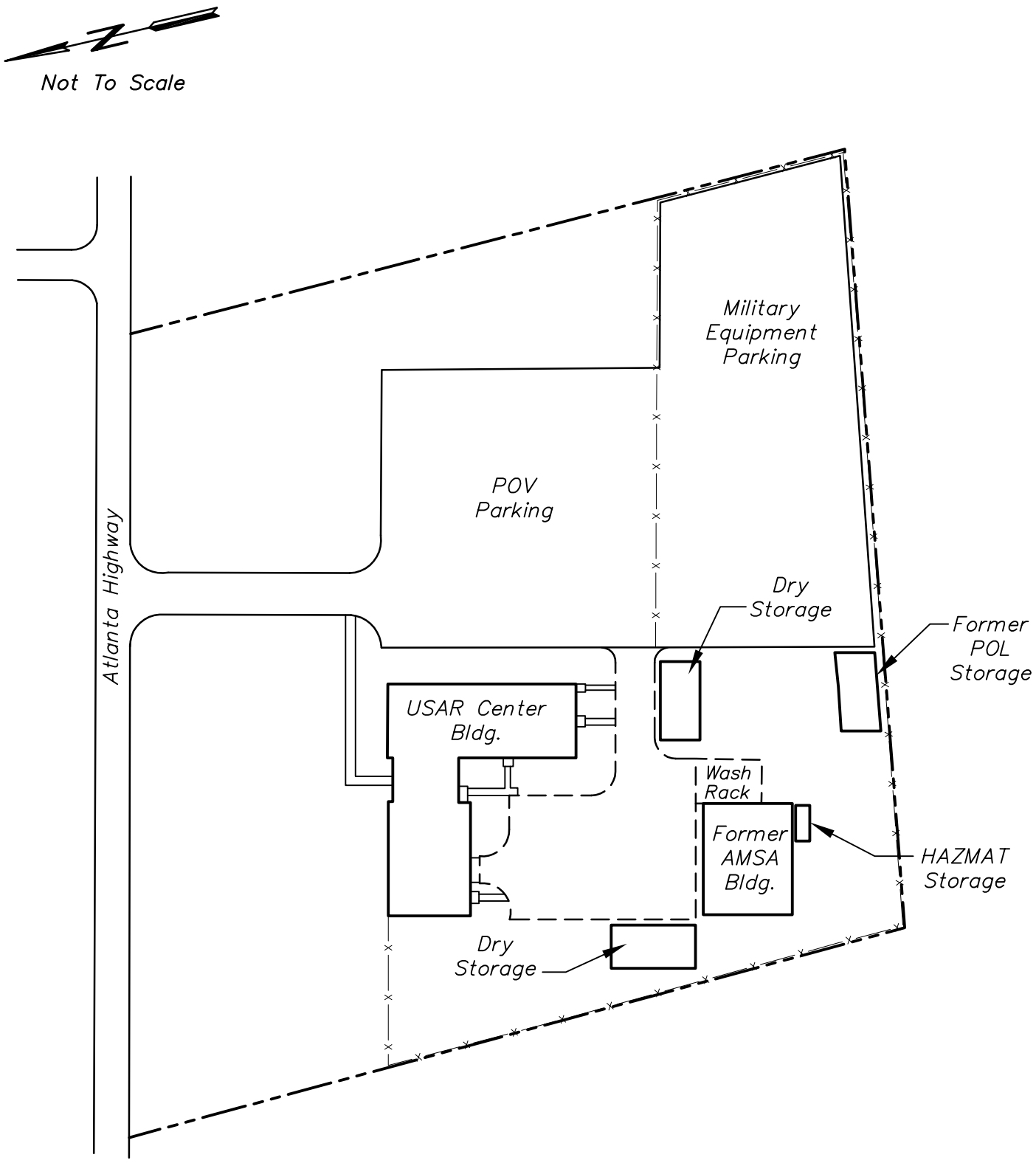


ENGINEERS

FIGURE 1
GENERAL SITE LOCATION MAP
AL037 BG WILLIAM P. SCREWS USARC
4050 Atlanta Highway
Montgomery, Montgomery County, Alabama

LV2006038\BRAC ECP's\AL037\AL037Screws-GenLoc.dwg

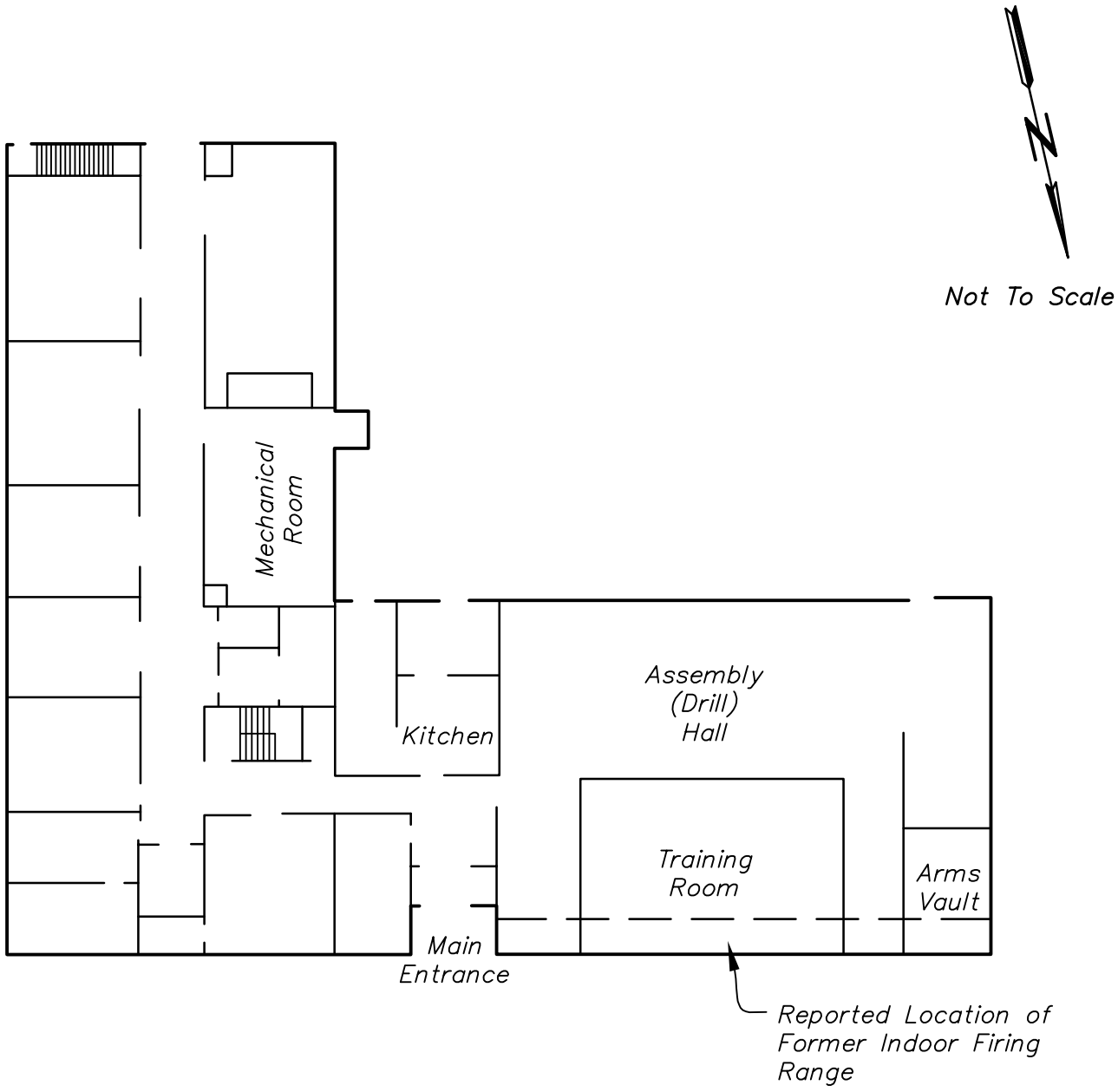


Adapted from previous Site Plan drawing from Directorate of Facilities Engineering, Fort Benning, GA (Oct 1975)

EMSM ENGINEERS

FIGURE 2
PLAN VIEW LAYOUT OF SITE
AL037 BG WILLIAM P. SCREWS USARC
4050 Atlanta Highway
Montgomery, Montgomery County, Alabama

LV2006038\AL037Screws-Site.Dwg



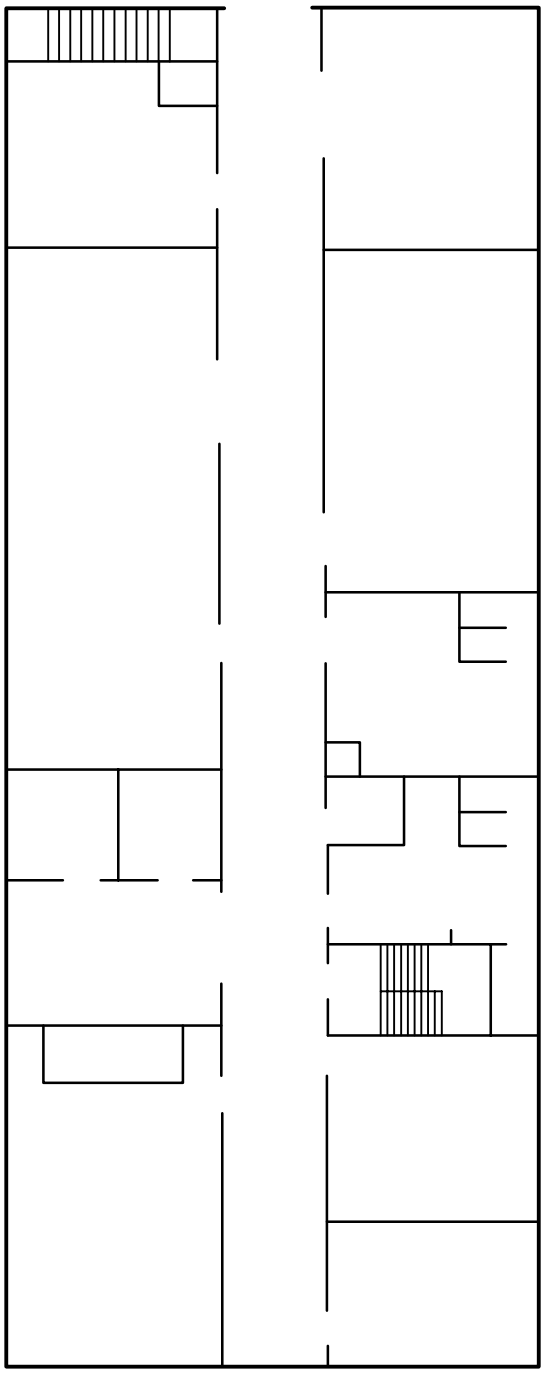
Note:
Unlabeled rooms are offices, storage or classrooms.

Adapted from previous Environmental Baseline Survey (Nov 2004) prepared by EEG, Inc. for US Army Reserve 81st RRC

EMSM ENGINEERS

FIGURE 3
INTERIOR LAYOUT, FIRST FLOOR, USAR CENTER BUILDING
AL037 BG WILLIAM P. SCREWS USARC
4050 Atlanta Highway
Montgomery, Montgomery County, Alabama

LV2006038\AL037Screws-Bldg1.Dwg



Not To Scale

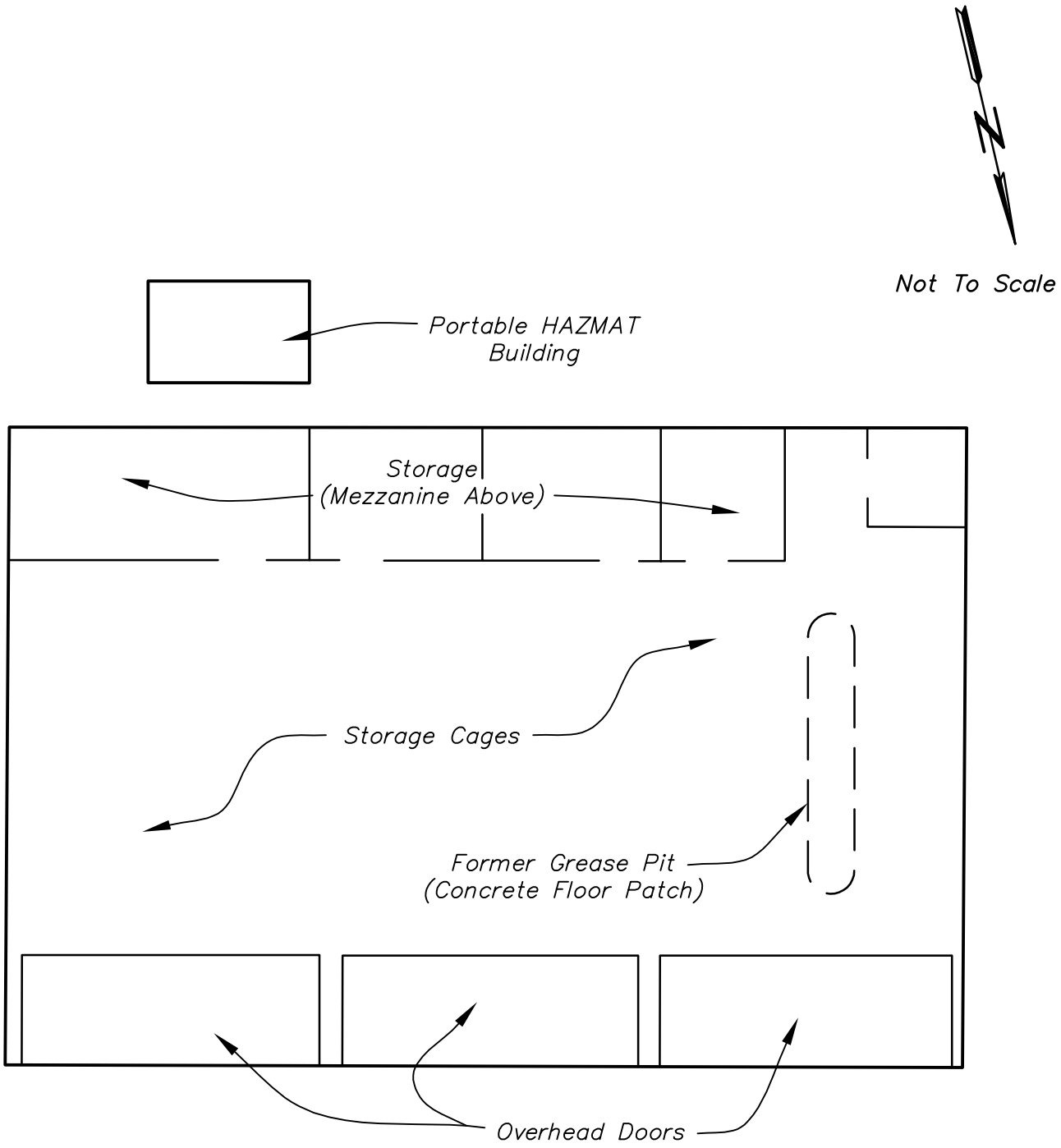
Note:
Second floor includes offices and classrooms.

Adapted from previous Environmental Baseline Survey (Nov 2004) prepared by EEG, Inc. for US Army Reserve 81st RRC

EMSM ENGINEERS

FIGURE 4
INTERIOR LAYOUT, SECOND FLOOR, USAR CENTER BUILDING
AL037 BG WILLIAM P. SCREWS USARC
4050 Atlanta Highway
Montgomery, Montgomery County, Alabama

LV2006038\AL037Screws-Bldg2.Dwg

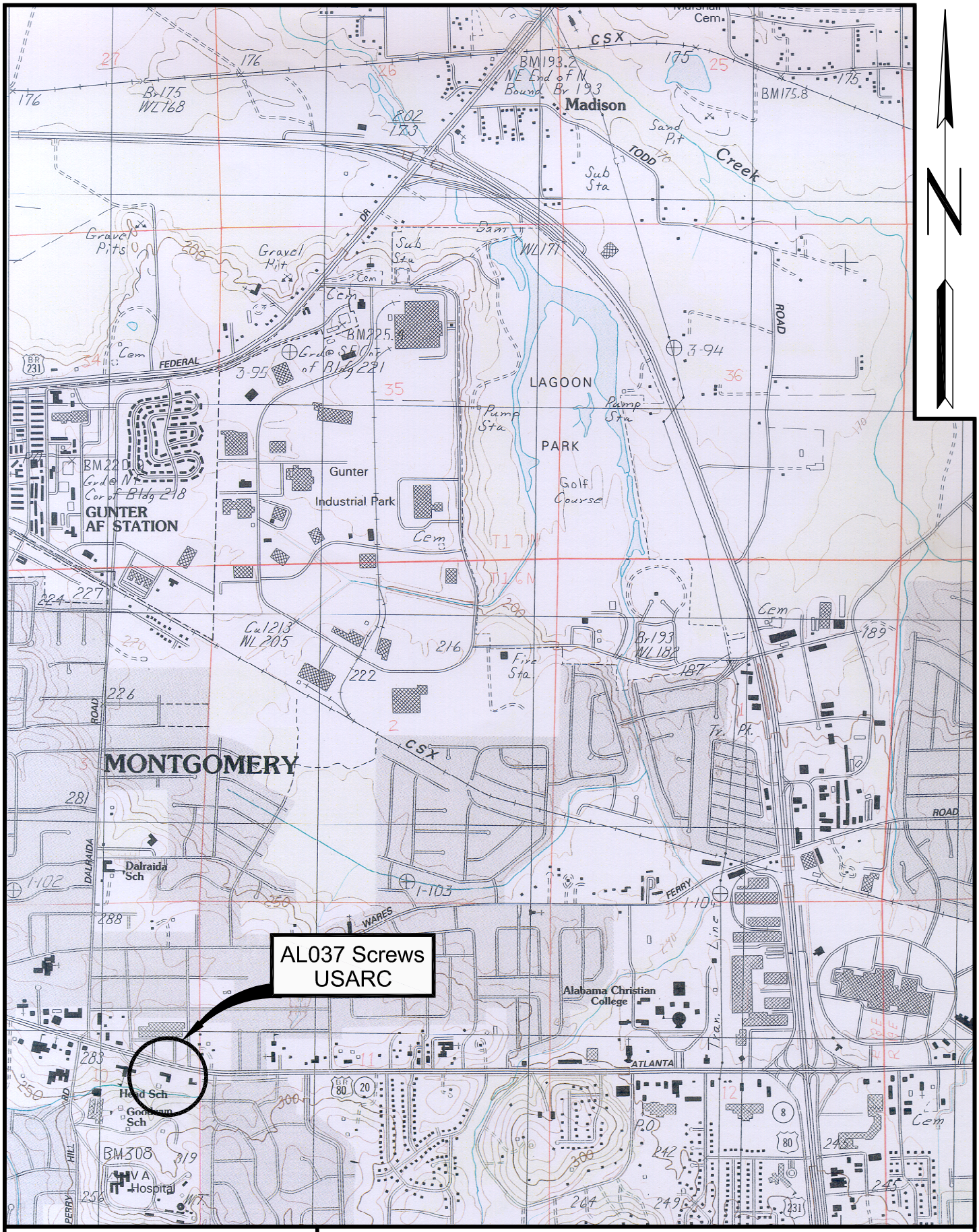


Adapted from previous Environmental Baseline Survey (Nov 2004) prepared by EEG, Inc. for US Army Reserve 81st RRC

EMSM ENGINEERS

FIGURE 5
INTERIOR LAYOUT, FIRST FLOOR, FORMER AMSA BUILDING
AL037 BG WILLIAM P. SCREWS USARC
4050 Atlanta Highway
Montgomery, Montgomery County, Alabama

LV2006038\AL037Screws-Bldg3.Dwg



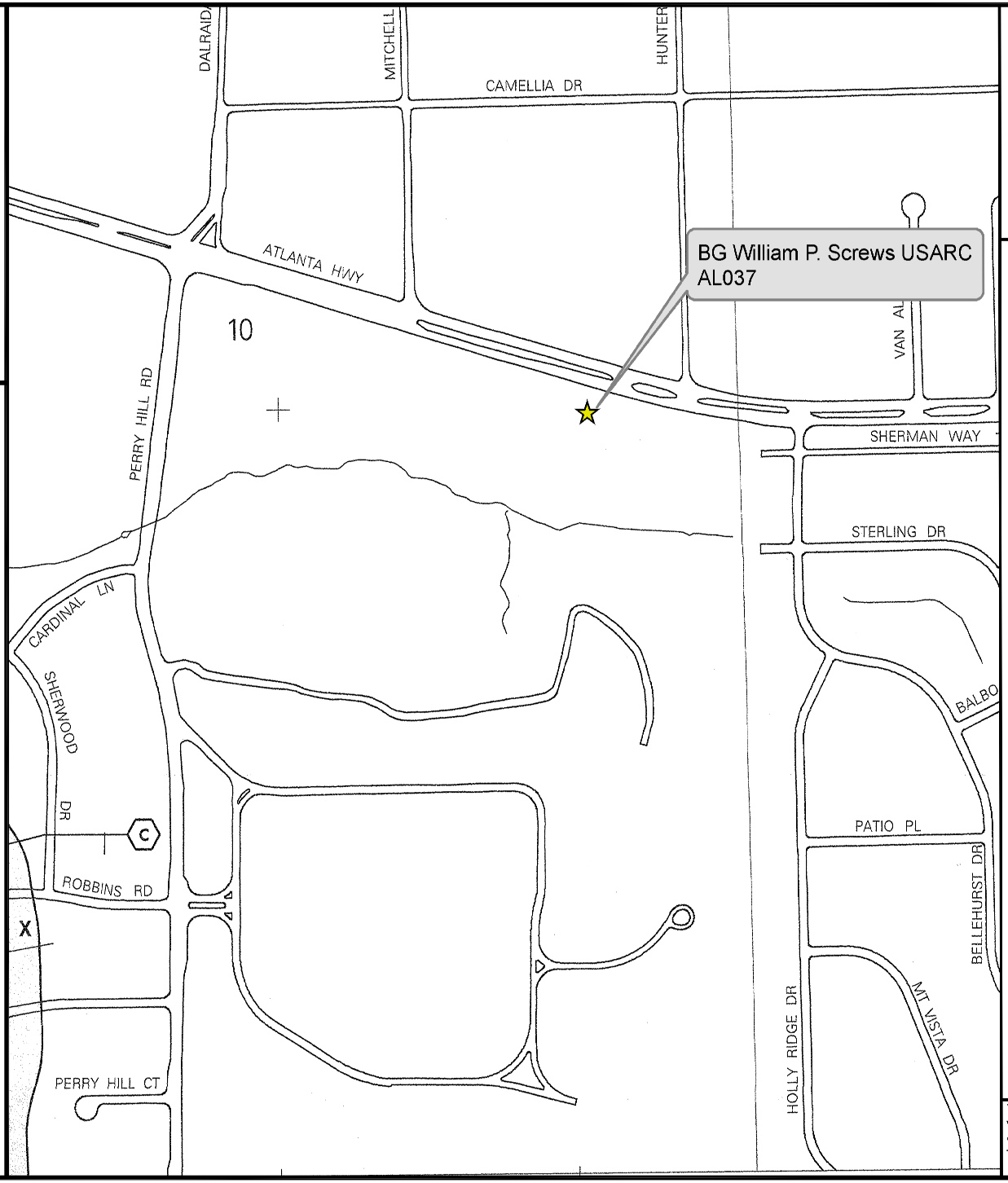
ENGINEERS

FIGURE 6
1987 USGS TOPOGRAPHIC MAP, WILLOW SPRINGS, ALABAMA
AL037 BG WILLIAM P. SCREWS USARC
4050 Atlanta Highway
Montgomery, Montgomery County, Alabama

Scale: 1" = 2000'

LV2006038\AL037USGS1987.Dwg

LV2006038\AL037Screws-DFirm.Dwg



MAP SCALE 1" = 500'

250 0 500 1000 FEET

PANEL 0063 G

FIRM

FLOOD INSURANCE RATE MAP

MONTGOMERY COUNTY, ALABAMA

AND INCORPORATED AREAS

PANEL 63 OF 500

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
MONTGOMERY, CITY OF	010174	0063	G

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
01101C0063 G

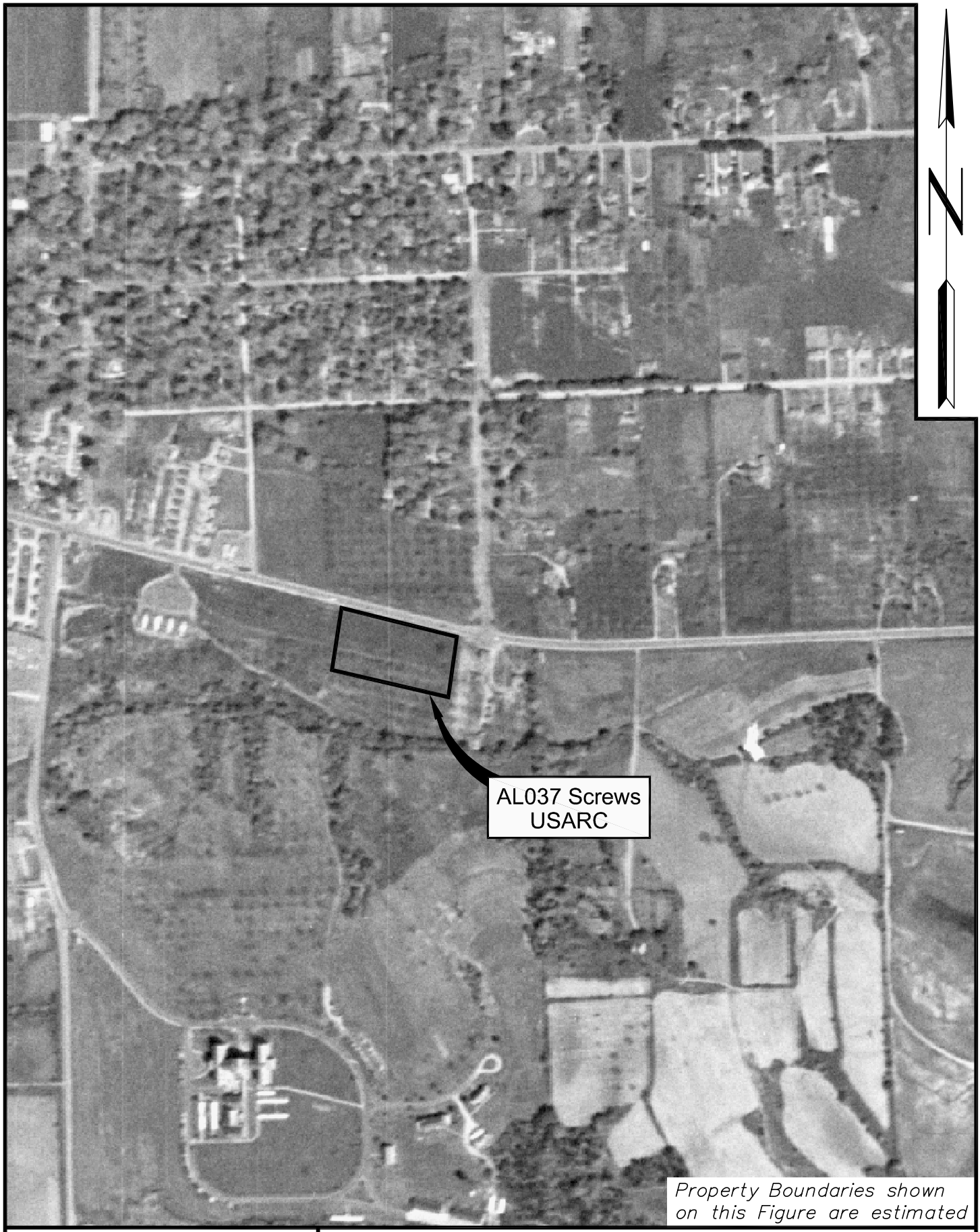
MAP REVISED
AUGUST 4, 2003

Federal Emergency Management Agency

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

MSE ENGINEERS

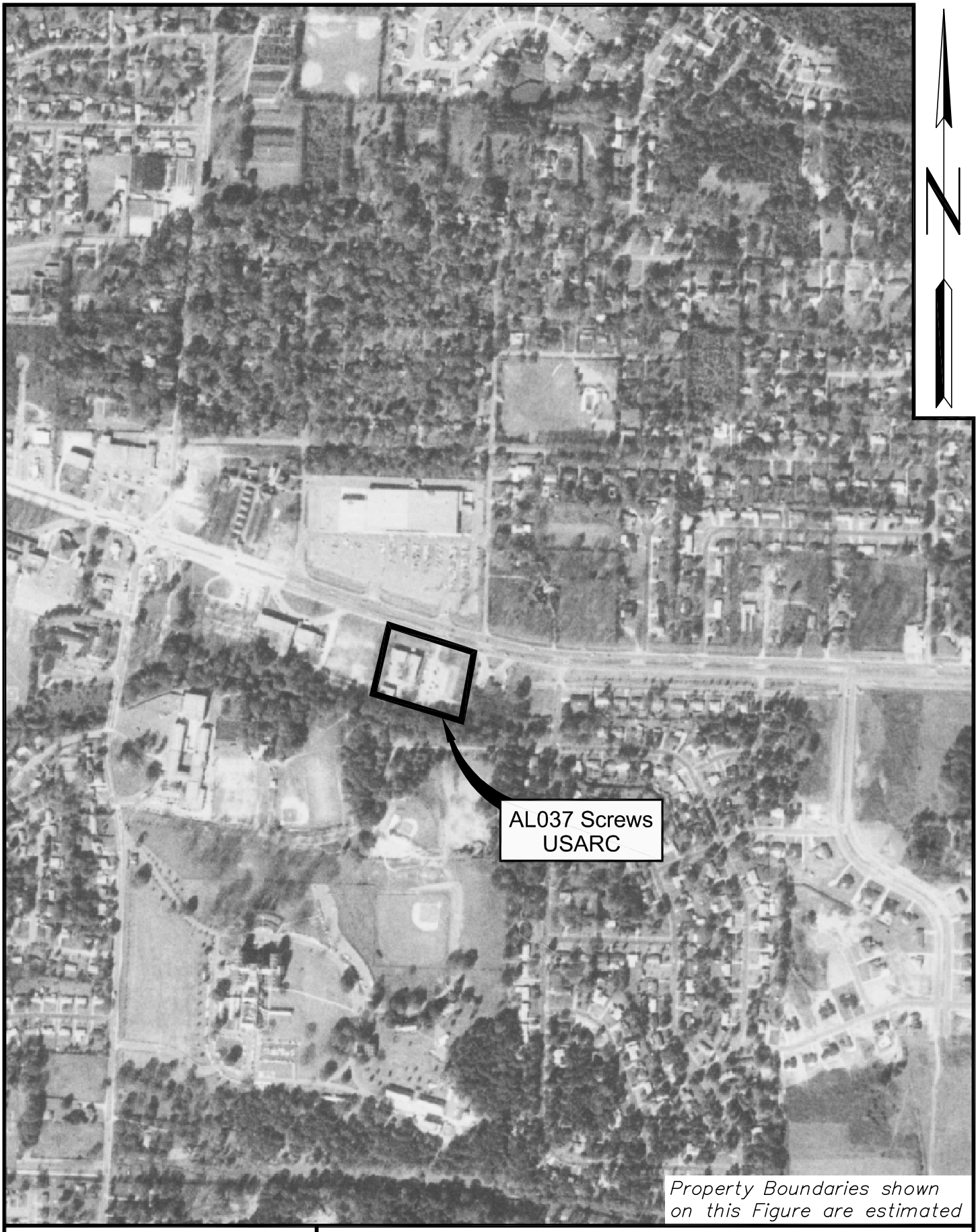
FIGURE 7
FLOOD INSURANCE RATE MAP
AL037 BG WILLIAM P. SCREWS USARC
4050 Atlanta Highway
Montgomery, Montgomery County, Alabama



EMSM ENGINEERS

FIGURE 8
1952 AERIAL PHOTOGRAPH
AL037 BG WILLIAM P. SCREWS USARC
4050 Atlanta Highway
Montgomery, Montgomery County, Alabama

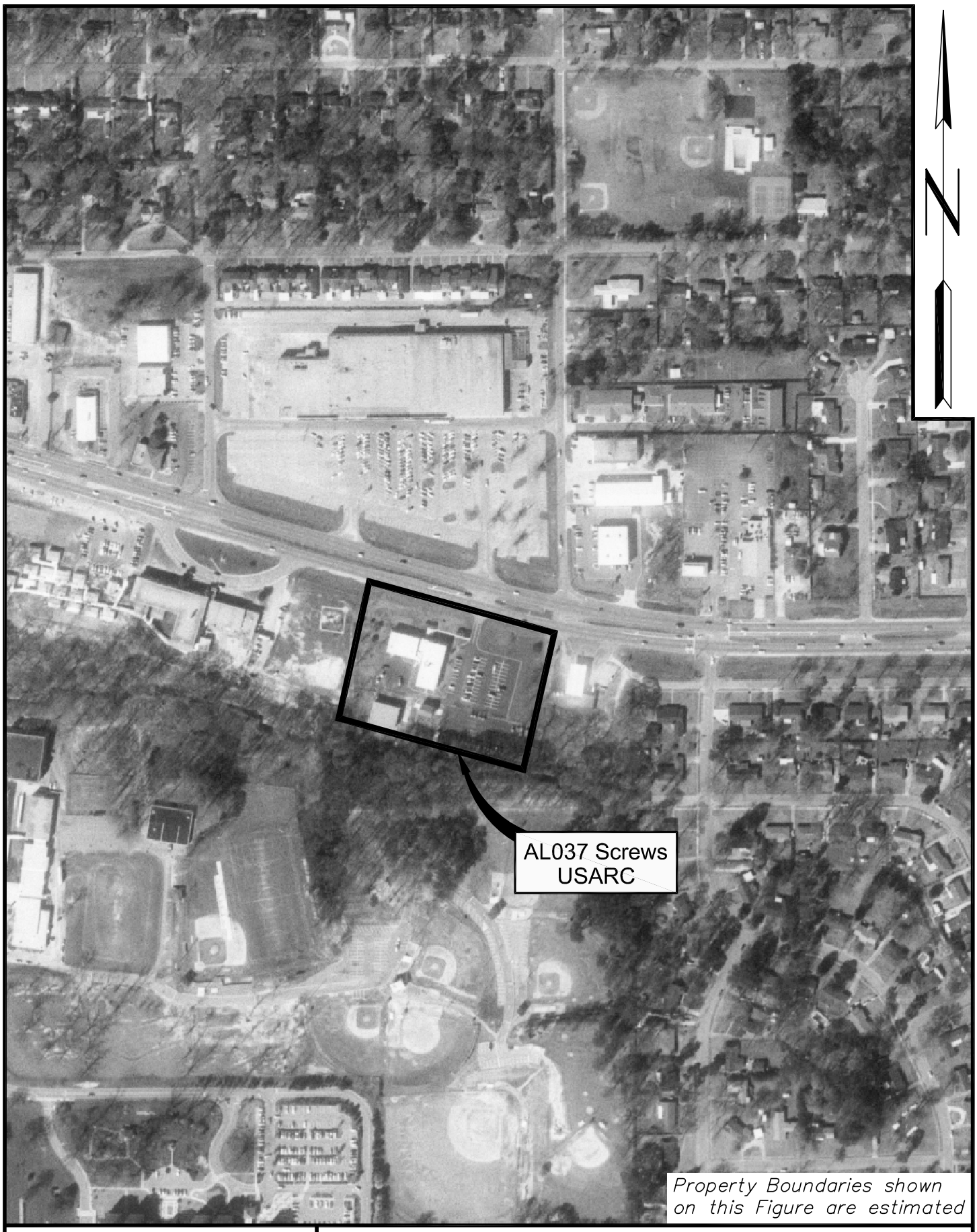
LV2006038\AL037ScrewsAerial1952.Dwg



EMSM ENGINEERS

FIGURE 9
1975 AERIAL PHOTOGRAPH
AL037 BG WILLIAM P. SCREWS USARC
4050 Atlanta Highway
Montgomery, Montgomery County, Alabama

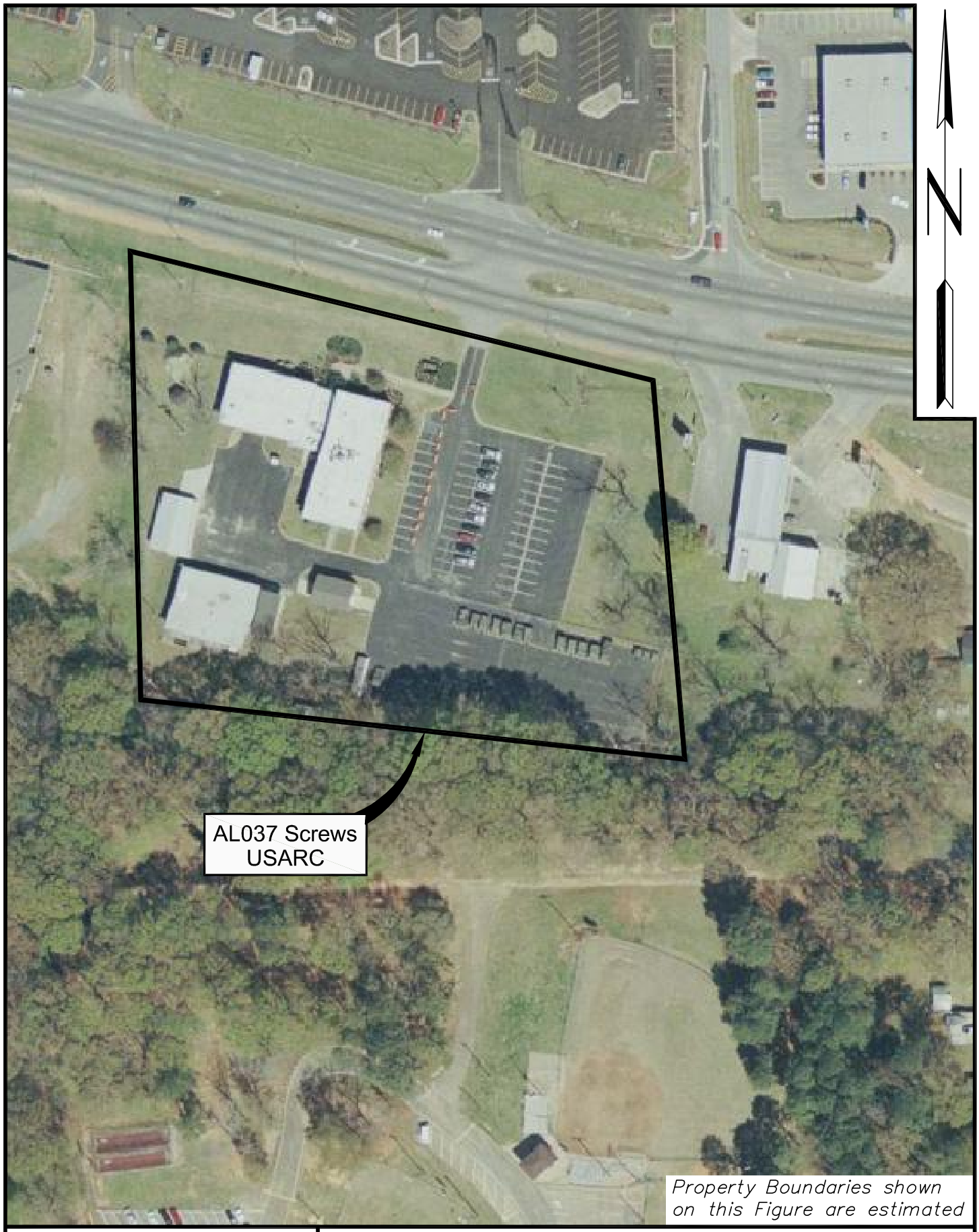
LV2006038\AL037ScrewsAerial1975.Dwg



EMSM ENGINEERS

FIGURE 10
1997 AERIAL PHOTOGRAPH
AL037 BG WILLIAM P. SCREWS USARC
4050 Atlanta Highway
Montgomery, Montgomery County, Alabama

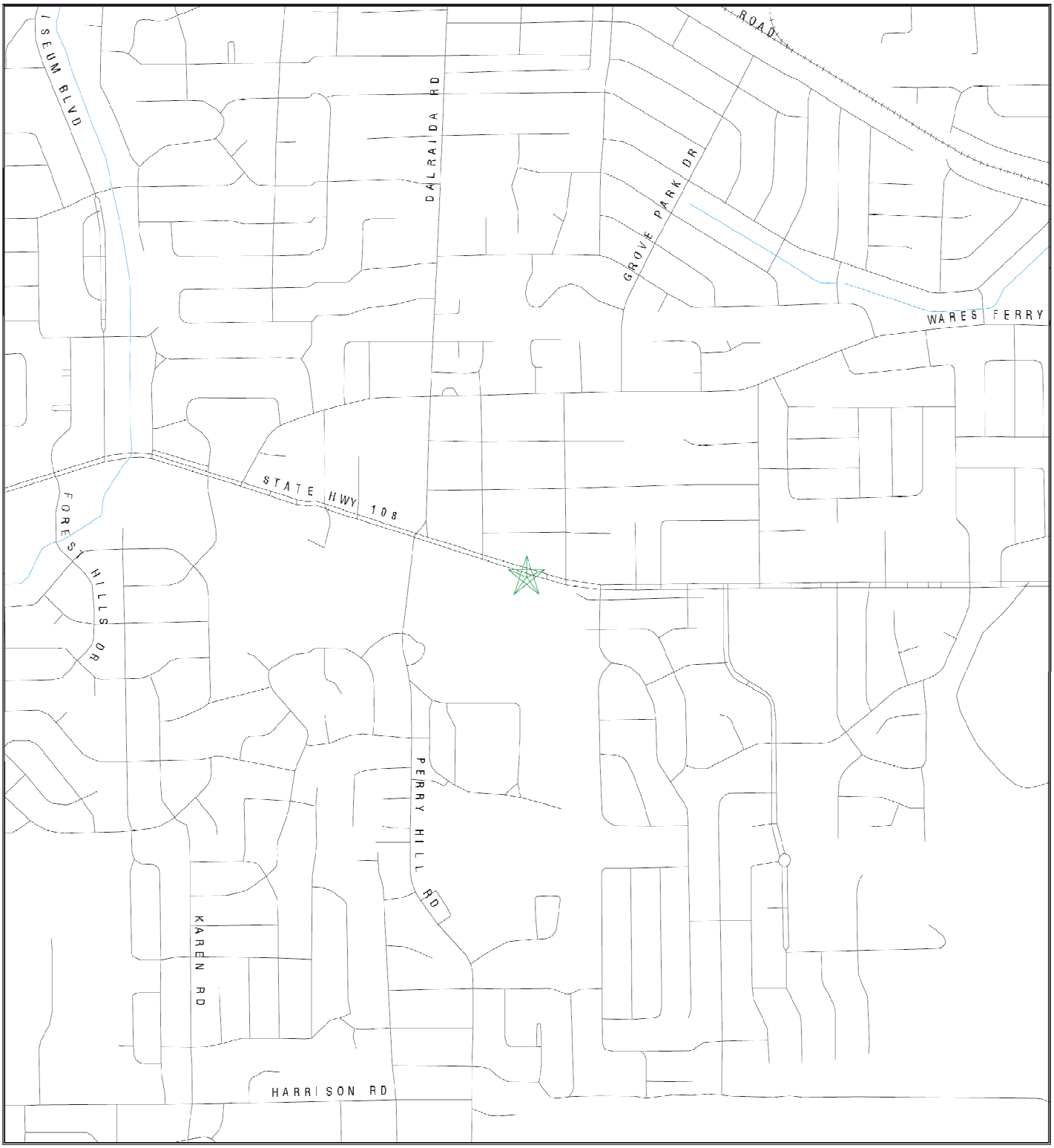
LV2006038\AL037ScrewsAerial1997.Dwg



EMSM ENGINEERS

FIGURE 11
2002 AERIAL PHOTOGRAPH
AL037 BG WILLIAM P. SCREWS USARC
4050 Atlanta Highway
Montgomery, Montgomery County, Alabama

LV2006038\AL037ScrewsAerial2002.Dwg



ENGINEERS

FIGURE 12
NATIONAL WETLANDS INVENTORY MAP
AL037 BG WILLIAM P. SCREWS USARC
4050 Atlanta Highway
Montgomery, Montgomery County, Alabama

LV2006038\BRAC ECP's\AL037\AL037Screws-NWI.Dwg

APPENDIX B

SITE RECONNAISSANCE PHOTOGRAPHS

Photo 1: Military Equipment Parking (MEP) Area

Photo 2: Privately–Owned Vehicle Parking (POV) Area

Photo 3: Rear (South Side) of USAR Center Building (circa 1959)

Photo 4: Rear (South Side) of USAR Center Building

Photo 5: USAR Center Building Viewed from Near Northeast Property Corner

Photo 6: Interior of USAR Center Building (Drill Hall)

Photo 7: Interior of USAR Center Building (Hallway)

Photo 8: Interior of USAR Center Building (Hallway)

Photo 9: Front (North Side) of Former AMSA Building (circa 1959)

Photo 10: Rear (South Side) of Former AMSA Building (note HazMat Unit)

Photo 11: Interior of Former AMSA Building

Photo 12: Interior of Hazardous Materials Storage Unit

Photo 13: Former POL Building (Storage)

Photo 14: Brick Veneer Dry Storage Building (circa 1995)

Photo 15: Steel Frame Storage Building

Photo 16: View of Adjacent Property to the East

Photo 17: View of Adjacent Property to the North

Photo 18: View of Adjacent Property to the West

Photo 19: View of Adjacent Property to the South

Photo 20: Peeling Paint on Wall in Drill Hall

APPENDIX C

PROPERTY ACQUISITION DOCUMENTS AND CHAIN OF TITLE

The EDR Environmental Lien Search Report

BG WILLIAM F. SCREWS USARC
4040 ATLANTA HWY
MONTGOMERY, ALABAMA

Wednesday, August 30, 2006

Project Number: L06-4540

The Standard In Environmental Risk Management Information

440 Wheelers Farm Road
Milford, Connecticut 06460

Nationwide Customer Service

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

ENVIRONMENTAL LIEN REPORT

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

TARGET PROPERTY INFORMATION

ADDRESS

BG WILLIAM F. SCREWS USARC
4040 ATLANTA HWY
MONTGOMERY, ALABAMA

DEED INFORMATION

Title is vested in: The United States of America. Records were researched at the Montgomery County Judge of Probate Office back to 1900. No conveyance into the United States of America was found of record.

LEGAL DESCRIPTION

Description: Being that parcel or tract of land, situated and lying in Section 10, Township 16 North, Range 18 East, St. Stephens Meridian, Montgomery County, State of Alabama

Assessor's Parcel Number: 03-10-02-10-04-001-002.000

ENVIRONMENTAL LIEN

Environmental Lien: **Found** ☐ **Not Found** ☒

1st Party:

2nd Party:

Recorded:
Book:
Page:

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AULs: **Found** ☐ **Not Found** ☒

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

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

HISTORICAL CHAIN OF TITLE REPORT

BG WILLIAM P. SCREWS USARC
4050 ATLANTA HWY
MONTGOMERY, ALABAMA

Submitted to:

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

Attention: Robert Newman

Project No. N06-5250

Tuesday, August 29, 2006

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

UNITED STATES OF AMERICA

The following is the current property legal description:

Being that parcel or tract of land, situated and lying in Section 10, Township 16 North, Range 18 East, St. Stephens Meridian, Montgomery County, State of Alabama

Assessor's Parcel No: 03-10-02-10-04-001-002.000

1. HISTORICAL CHAIN OF TITLE

1. The United States of America is the current owner of the subject property. Records were researched at the Montgomery County Judge of Probate Office back to 1900. No conveyance into the United States was found of record. A letter dated 10-30-1956 the Regional Office, General Services Administration (Veterans Administration of the US Government) transferred to the Department of the Army the subject property effective 11-15-1956.

2. LEASES AND MISCELLANEOUS

1. No institutional controls or engineering controls were found of record.

3. LIMITATION

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

APPENDIX D

PREVIOUS ENVIRONMENTAL SITE ASSESSMENT REPORTS

- 1994 ADEM UST NFA Letter
- 1992 UST Closure Assessment Report
- 1997 Wash Rack Inspection Report
- 2001 Asbestos Inspection Report
- 2002 Air Quality Report
- 2004 EBS Report
- 2006 OWS Soil Sampling Report
- 2006 Radon Monitoring Results

ADEM
ALABAMA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

James W. Warr, Director

Jim Folsom
Governor

Mailing Address:
PO BOX 301463
MONTGOMERY AL
36130-1463

Physical Address:
1751 Cong. W. L.
Dickinson Drive
Montgomery, AL
36109-2608

(205) 271-7700
FAX 270-5612

Field Offices:

110 Vulcan Road
Birmingham, AL
35209-4702
(205) 942-6168
FAX 941-1603

400 Well Street
P.O. Box 953
Decatur, AL
35602-0953
(205) 353-1713
FAX 340-9359

2204 Perimeter Road
Mobile, AL
36615-1131
(205) 450-3400
FAX 479-2593

FILE

September 29, 1994

Mr. Robert Windle
Department of The Army
HDQ 121 St, 255 W Oxmoor Road
Birmingham, Alabama 35209-0383

Dear Mr. Windle:

RE: **NO FURTHER ACTION**
Screws USARTC, 4050 Atlanta Highway, Montgomery, Montgomery
Montgomery County, Alabama
Facility I.D. No. 11436-101-0011350

The Department has reviewed the Underground Storage Tank Closure report for the above-referenced site. As a result of this review, it has been determined that no further investigative or corrective actions as required under ADEM Admin. Code R. 335-6-15.26-.29 will be required for this site at this time.

Please use a complete reference line in all future correspondence, including Facility Identification Number, name, address, and Incident Number (UST - -), where applicable. Sites that are not registered will not have an Identification Number and should be labeled (NOT REGISTERED). Because our filing system is dependent on the use of the Facility Identification Number, we may have to return correspondence and reports that do not provide this information.

Our records indicate that there are no other regulated tanks at this location. If this is incorrect, please contact Mr. Kirk Chandler at (205)271-7835.

Sincerely,

Kirk Chandler

Kirk Chandler
Pollution Control Specialist
UST Compliance Unit
Groundwater Branch
Water Division

KFC/rlb

MONTGOMERY AL 361 09/30/94 PM

FILE

Closure Assessment Report

For

Screws U.S.A.R.T.C.

4050 Atlanta Highway
Montgomery County
Montgomery, Alabama

Facility ID# 11436-101-11350

DECEMBER 18, 1992

ENVIRONMENTAL-MATERIALS CONSULTANTS, INC.
PROJECT NUMBER MA-526

EMC ENVIRONMENTAL MATERIALS CONSULTANTS, INC.

ADEM UST CLOSURE
SITE ASSESSMENT REPORT
(Use a separate form for a group of tanks in each tank pit)

Facility I.D. No. : 11436-101-11350

Facility County : Montgomery

Facility Name : Screws USARTC

Location : Atlanta Highway

Address : 4050 Atlanta Highway
Montgomery, AL

Date of this Report: 12/18/91

UST Owner : Directorate of Contracting

Address : P.O. Box 5-5179
Fort Benning, GA 31905-5179

Contact : Brenda Clark Lanny ISAAC 93

Contact Telephone No. : 706-545-2212 2202

Name of Contractor and/or Consulting Engineer used to close tanks :
Tri-Star Contracting/Environmental-Materials Consultants, Inc.

Name of Laboratory used :
TTL, Inc./ Environmental-Materials Consultants

PRIOR TO BEGINNING CLOSURE, THE CONTRACTOR SHOULD BECOME FAMILIAR WITH ALL CLOSURE PROCEDURES IN API BULLETIN 1604, "REMOVAL AND DISPOSAL OF USED UNDERGROUND PETROLEUM STORAGE TANKS".

Number of tanks remaining at site: 0
Number of Tanks Closed : 1
Closure Date : 12/9/92

Tank Identification #	Tank 1	Tank 2	Tank 3	Tank 4	Tank 5
Tank Size	10' X 4'				
Tank Capacity	1000 gal.				
Tank Age	Unknown				
Substance Stored	Gasoline				
Farm Tank	[ ]	[ ]	[ ]	[ ]	[ ]
Heating Oil Tank	[ ]	[ ]	[ ]	[ ]	[ ]

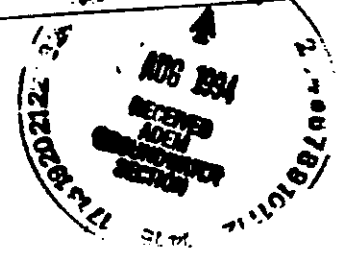
1. Tank Closure by Removal

   a. Attach site maps showing the general location of the facility.

   b. Attach plan and sectional views of the excavation and include the following:
      1. All appropriate excavation dimensions,
      2. All soil sample locations using an appropriate method of identification,
      3. Location of areas of visible contamination,
      4. Former location of tank(s), including depth, with tank Identification Number.

   c. Is the groundwater more than 5 feet below the bottom of the excavation?
      YES X NO _____ Provide the depth from the ground surface to the groundwater table
      >13 ft. Method used to determine water table depth:
      1. Excavation extended 5 feet below base of pit _____
      2. Boring or Monitor well hand auger boring to 5 ft below base of excavation
      3. Topographic features (specify) _____

   d. Was there a notable product odor found in the excavation?
      YES _____ NO X



e. Was there water in the excavation? YES _____ NO X
If yes, how was it handled?

1. One time discharge to sanitary sewer with local approval _____
2. Hauled to facility capable of treating constituents of petroleum products in water
3. Hauled to local POTW with local approval _____
4. Others (specify) _____

f. Was free product found in the excavation? YES _____ NO X
If yes, how was it handled? _____

g. Were visible holes noted in the tank (s) ? YES _____ NO X
If yes, please indicate which tank(s) by the Identification Number _____. Also, describe the location(s) and provide general description as to the size and number of holes for above noted tanks. (Example: 3 square feet of pinholes or 3 ft. diameter hole):

h. Describe the soil type and thickness of all soil layers encountered in the excavation:
0-5.5 red sandy clay
5.5-13' orange clayey sand

1. Was the excavation backfilled? YES X NO _____
If yes, provide the date . 12/10/92

2. Tank Closure Without Removal

a. Attach site maps showing the general location of the facility.

b. Attach plan and sectional views of the site and include the following:
1. Location of the tank(s) including depth,
2. Location of tank(s) with respect to other tanks, if applicable,
3. Soil boring locations and depth at which soil samples were taken.
4. Boring logs

c. Is the groundwater more than 5 feet below the bottom of the tank?
YES _____ NO _____ Provide the depth from the ground surface to the groundwater table.
_____ ft.

d. Was there a notable product odor found in the bore holes?
YES _____ NO _____

e. Was there free product found in the bore holes : YES _____ NO _____
If yes, how was it handled? _____

f. Describe the soil type and thickness of all soil layers encountered in the bore holes, or provide a boring log. _____

g. Specify the inert solid material used to fill the tank(s). _____

h. Provide the date the tank(s) were filled. _____

i. Were the bore holes properly sealed? YES _____ NO _____
If yes, provide the date. _____

3. Product Line Closure

a. Were the product lines purged of product prior to closure?
YES X NO _____

b. The product lines were X REMOVED _____ CAPPED.
If the product line was longer than 10 feet, attach plan and sectional views of the excavation or lines and include the following:
1. Length and depth of excavation or piping,
2. All soil sample locations and depths.
3. Location of areas of visible contamination.

c. Was there a notable product odor found in the excavation or bore holes?
YES X NO _____

d. Were visible holes noted in the lines? YES _____ NO X
If yes, please indicate the location and provide a general description as to the size and number of holes. _____

4. Groundwater Sampling (If required by attached closure guidelines)

a. Indicate the following on the plan and sectional views required by Section 1.a or 2.a above:
1. The location and depth of the 1 up-gradient and 3 down-gradient borings or monitoring wells. (Monitoring wells are not required, but may be desirable in certain situations.)
2. The most probable direction of groundwater flow. State basis for determining direction _____

b. Was a monitoring well used? YES _____ NO _____
If yes, attach a typical detail of the wells.

5. Laboratory Data

a. Attach a chain of custody record for each sample which includes at least the following:
   1. Sample identification number,
   2. Date and time sample was taken,
   3. Name and title of person collecting sample (soil and groundwater samples must be taken by qualified and trained personnel who are familiar with accepted sampling procedures),
   4. Type of sample (soil or water),
   5. Type of sample container,
   6. Method of preservation,
   7. Date and time sample was relinquished,
   8. Person relinquishing sample,
   9. Date and time sample was received by lab,
   10. Person receiving sample at lab.

b. Attach the required laboratory data which includes at least the following:
   1. A sample identification method which can be cross referenced with the soil sample locations indicated on the plan and sectional views required by Section 1.a or 2.a above,
   2. The sample analysis results with appropriate units,
   3. The method used to analyze each sample,
   4. The date and time the sample was analyzed,
   5. The person analyzing each sample.

6. Excavated Soil

ALL EXCAVATED SOIL REQUIRES ANALYSIS PRIOR TO DISPOSAL. TANK CLOSURE SAMPLES FROM THE EXCAVATION MAY NOT BE REPRESENTATIVE OF THE LEVEL OF CONTAMINATION IN THE EXCAVATED SOIL.

For safety and other considerations, soils which are contaminated or soils for which the level of contamination has not been determined may be returned to the excavation pit if a suitable lining material is used. However, soils which do not meet the conditions identified in (1) and (2) in Item 1. (d) of the Closure Guidelines may not be permanently disposed of in the excavation pit without treatment to reduce the level of contamination.

a. If tank was closed by removal, provide an estimate of the volume of soil removed.
   20 cubic yds.

b. Attach "Total Potential VOC Emissions Calculations" for soil removed.

c. Indicate method of soil disposal to be used:
   1. Return to the excavation pit.
   2. Spread in a thin layer on site.
   3. Disposal in a landfill,
   4. Incineration
   5. Thermal volatilization
   6. Other - Bio-Remediation on site.

d. If soil was disposed of, indicate the final destination and if applicable, attach copies of invoices or receipts.

7. Tank Cleaning

a. The tank(s) were cleaned in accordance with American Petroleum Institute (API) Publication 2015? YES _____ NO _____
If no, describe how tank(s) were cleaned _____

b. Provide an estimate of the volume of sludge removed from the tank.
_____ gallons

c. Indicate the final destination of the sludge and attach invoices or receipts.
Tank was removed from site by tank owner for cleaning and disposal

THIS FORM SHOULD BE COMPLETED AND RETURNED, ALONG WITH ANY OTHER PERTINENT INFORMATION, TO THE FOLLOWING ADDRESS.

The Alabama Department of Environmental Management
Groundwater Branch
1751 Congressman W.L. Dickinson Drive
Montgomery, Alabama 36130
(205) 271-7995 or (205) 271-7830

Incomplete forms will be returned for correction.

Name of Engineer or Geologist Completing Form: James D. Armstrong
Company: Environmental Materials Consultants, Inc.
Telephone Number: (205) 265-4000

I certify under penalty of law that I have completed a four year course in Engineering and/or Geology at a college or university and that the information I have provided is true to the best of my belief and knowledge.

Signature of Geologist or Engineer: James D. Armstrong Date: 12/21/92

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents and that based on those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Signature of Tank Owner: Odell Goss Date 11/19/92

API BULLETINS 1604 AND 2015 ARE AVAILABLE FROM ADEM UPON REQUEST.

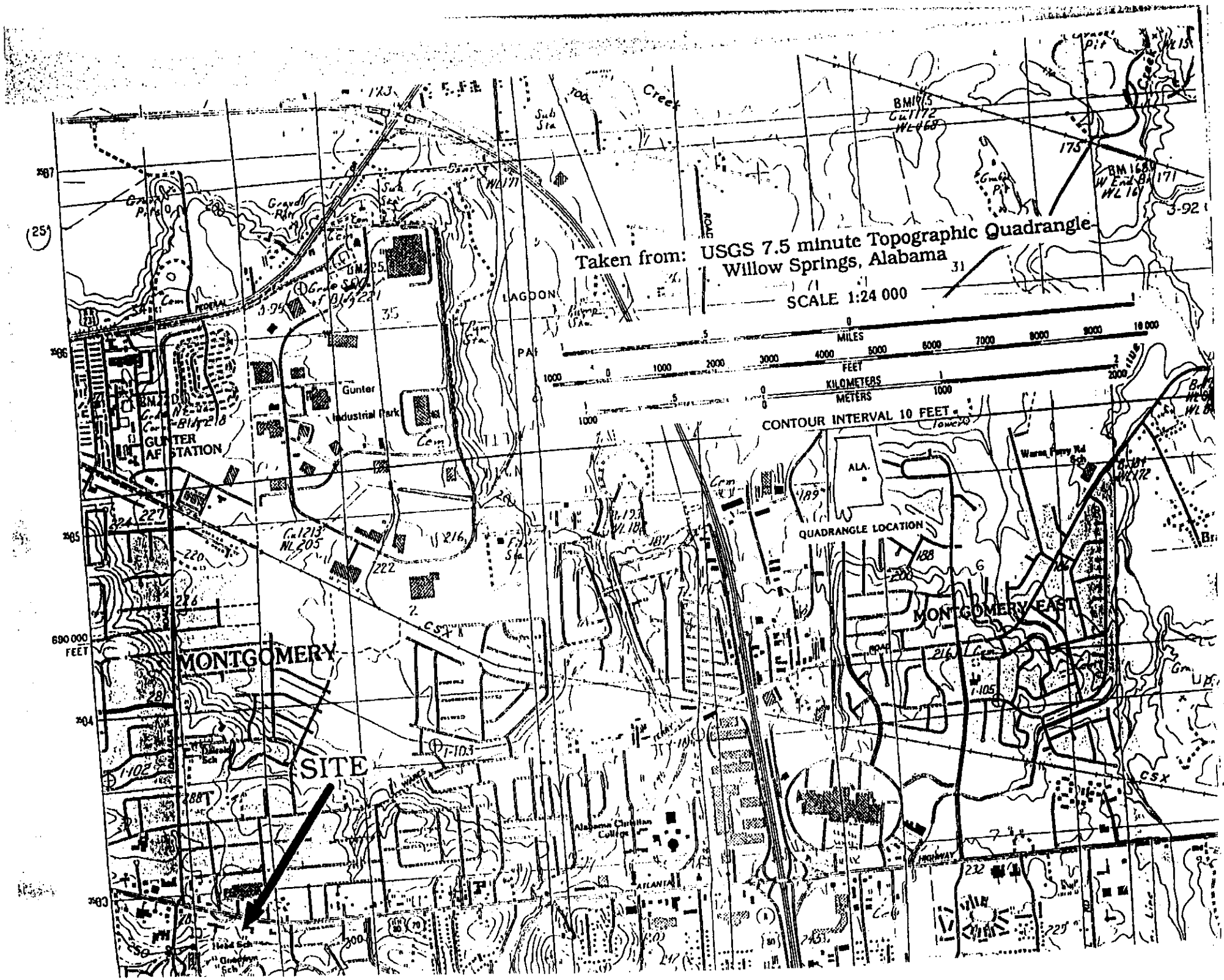
For ADEM Use:

Reviewed by : Kirk Chandler Date : 9/19/94

Comments :

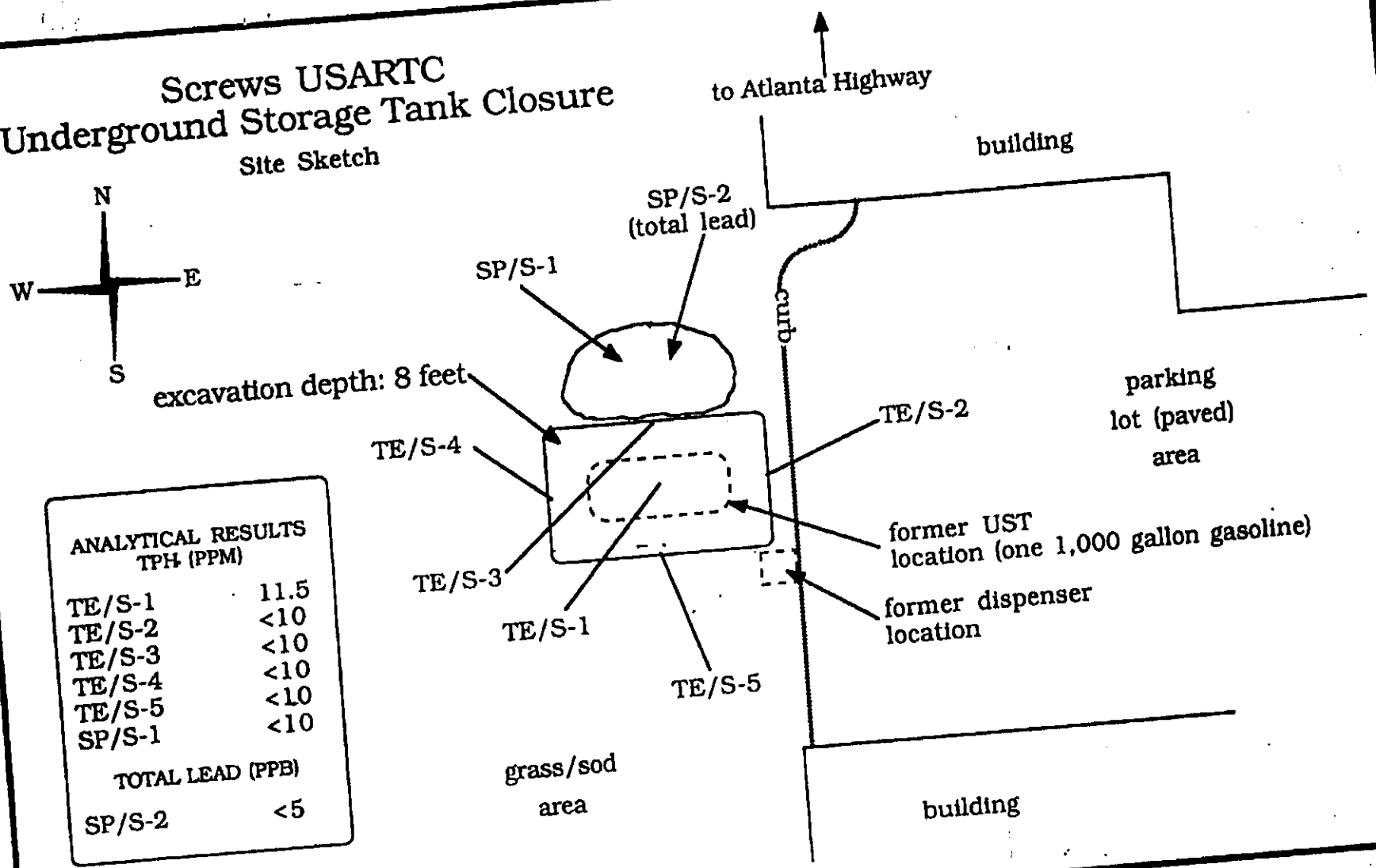
VELMA LIBRARY
WP + 1133
(02/08/90)
(revised 4-19-91))

Attachment UST Closure Guidelines
(Remove from closure letter)


Taken from: USGS 7.5 minute Topographic Quadrangle
Willow Springs, Alabama
SCALE 1:24 000
MILES
FEET
KILOMETERS
METERS
CONTOUR INTERVAL 10 FEET
QUADRANGLE LOCATION
SITE
MONTGOMERY
MONTGOMERY EAST
GUNTER AF STATION
Gunter Industrial Park
LAGOON
ALA.
690 000 FEET
CSX

Screws USARTC
Underground Storage Tank Closure

Site Sketch



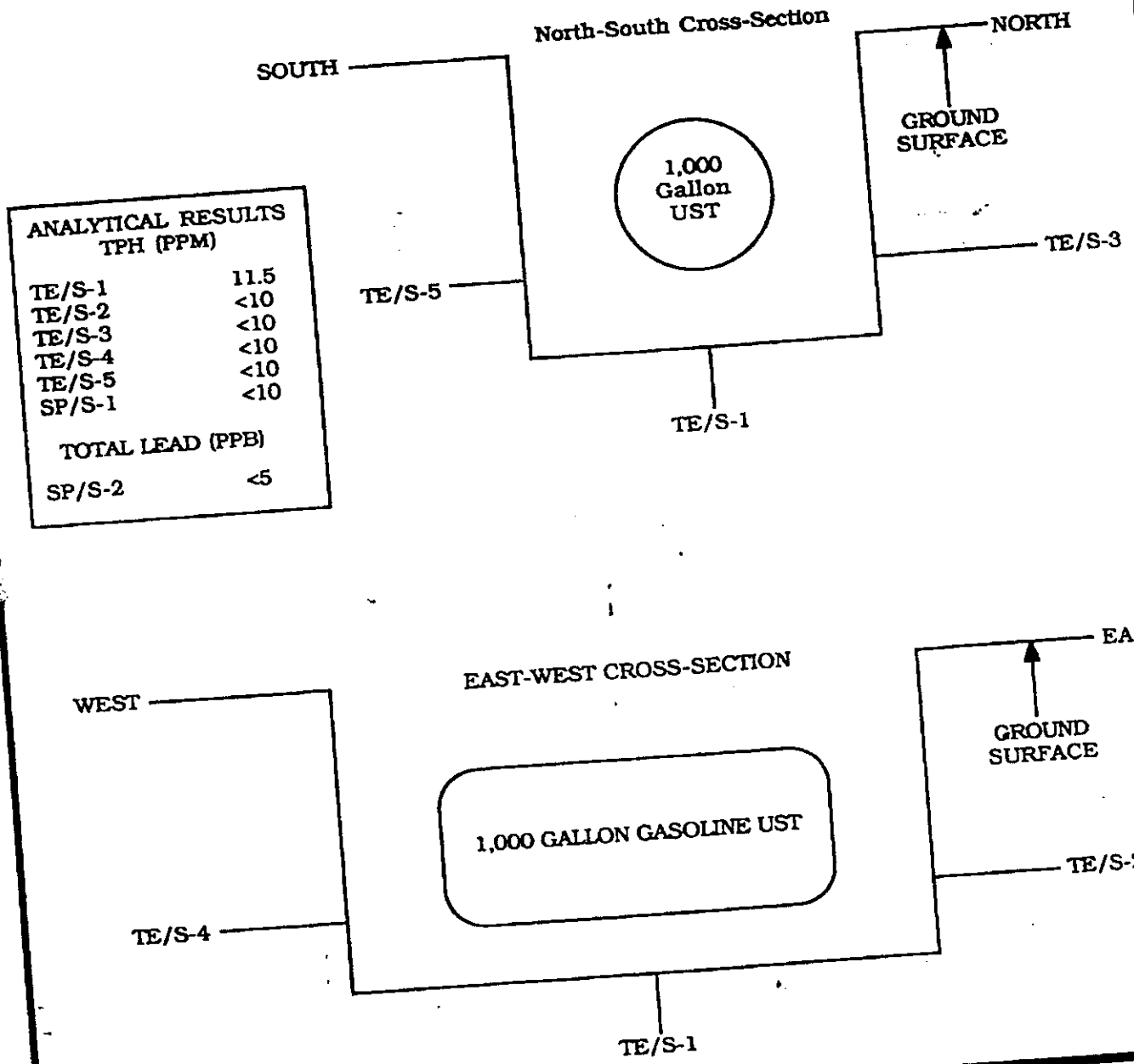
ANALYTICAL RESULTS TPH (PPM)	
TE/S-1	11.5
TE/S-2	<10
TE/S-3	<10
TE/S-4	<10
TE/S-5	<10
SP/S-1	<10
TOTAL LEAD (PPB)	
SP/S-2	<5

Screws USARTC
4050 Atlanta Highway
Montgomery, Alabama
Montgomery County
Facility Id# 11436-101-11350

JOB NUMBER: MA-452	SCALE: 1"=10'
DRAWING NO: 526-01	DRAWN BY: WBS
DATE: 12/10/92	CHECKED BY: ODG

ENVIRONMENTAL-MATERIALS CONSULTANTS, INC.

Screws USARTC
Tank Excavation Cross-Sections



Screws USARTC
4050 Atlanta Highway
Montgomery County
Montgomery, Alabama
Facility ID# 11436-101-11350

JOB NUMBER: MA-526	SCALE: 1/4" = 1'
DRAWING NO: 526-02	DRAWN BY: JDA
DATE: 12/10/92	CHECKED BY: ODG

ENVIRONMENTAL-MATERIALS CONSULTANTS, INC.

EMC ENVIRONMENTAL MATERIALS CONSULTANTS
2027 Chestnut Street • Montgomery, Alabama 36106 • (205) 265-4000

CHAIN OF CUSTODY FORM

Samples Submitted to Lab by: Armstrong Date: 12/9/92 Time: 3:35

Samples Received at Lab by: T. Williams Date: 12/10/92 Time: 810

Project Name: Screws USARTC

Contact: ELLEN GRAY Sampled By: Armstrong

Project Number: 526 Phone Number: 265-4000

TYPE OF ANALYSIS:

( ) PCB ( ) PLM / Dispersion Staining

( ) A Rules ( ) BTEX

( ) B Rules (X) TPH

( ) Other ( ) RCRA

Type of Sample Container: GLASS JAR Method of Preservation: REFRIGERATION

Number of Samples: 6 Sample Date: 12/9/92

Sample Identification	Sample Time
52/12mw2/TE/S-1	2:05
52/12mw2/TE/S-2	2:07
52/12mw2/TE/S-3	2:11
52/12mw2/TE/S-4	2:15
52/12mw2/TE/S-5	2:52

52/12mw2/SB/S-1 DUP

Requested Turn-Around Time:

( ) Air	___ 24 Hrs.	___ 48 Hrs.	Other ___
( ) Bulk	___ 3 Days	___ 1 Week	Other ___
(X) Soil	X 24 Hrs.	___ 48 Hrs.	Other ___
( ) Groundwater	___ 24 Hrs.	___ 48 Hrs.	Other ___

Notes: ASAP

Samples Returned From Lab by: ___ Date: ___

Samples Received From Lab by: ___ Date: ___

(Please sign and return to EMC upon receipt of samples)

ENVIRONMENTAL MATERIALS CONSULTANTS, INC.
LABORATORY
2027 Chestnut Street
Montgomery, AL 36106
(205) 265-4000

TPH ANALYSIS RESULTS

Client: Tri-Star Contracting, Inc.
Project No.: 526
Sample Site: Screws USARTC
Date Sampled: 12-09-92
Sample Type: Soil
Sampled By: Armstrong

Date Analyzed: 12-10-92
Analyzed By: T. Williams

EMC Lab Number	Client Sample Number	Total Petroleum Hydrocarbons, ppm	Time of Analysis
875	526/120992/TE/S1	11.5	1010
876	526/120992/TE/S2	<10	1011
877	526/120992/TE/S3	<10	1012
878	526/120992/TE/S4	<10	1013
879	526/120992/TE/S5	<10	1014
880	526/120992/SP/S1		1015

The analysis of samples shown above were performed in accordance with EPA Method 418.1 as modified in API publication 4449.

TTL, Inc. PRACTICING IN THE GEOSCIENCES

3516 Greensboro Avenue • P.O. Drawer 1128 • Tuscaloosa, Alabama 35403 • Telephone 205-345-0816 • FAX 205-345-0992

December 16, 1992

Mr. Ollen D. Gray
Environmental Materials Consultants
2027 Chestnut Street
Montgomery, Alabama 36106

Dear Mr. Gray:

Shown below is the result of the analysis on the sample received by TTL.

Sample Date:	December 9, 1992
Sample Type:	Soil
Sample By:	Client
Sample Site:	Screws USARTC
TTL Lab Number:	921210.25
Project Number:	526

Sample ID	Total Lead, µg/g as Pb
526/120992/SP/S-2	<5.0

The sample was analyzed in accordance with Inductively Coupled Plasma - Atomic Emission Spectrometric Method for Trace Element Analysis of Water and Wastes, Method 200.7, EPA Test Method, December 1982.

If you or your associates have any questions or comments, please do not hesitate to call.

Sincerely,
TTL, Inc.

Bernard J. Cassity, Jr.
Chemist

BJC/tlc

Attachment

lead\emc.rpt-4

EMC ENVIRONMENTAL MATERIALS CONSULTANTS
2027 Chestnut Street - Montgomery, Alabama 36106 - (205) 265-4000

CHAIN OF CUSTODY FORM

Samples Submitted to Lab by: Armstrong Date: 12/9/92 Time: 3:35

Samples Received at Lab by: Pam Spencer Date: 12/10/92 Time: 8:59

Project Name: Screws USARTC Sampled By: Armstrong

Contact: ELLEN GRAY Phone Number: 265-4000

Project Number: 526

TYPE OF ANALYSIS:

( ) TCLP
( ) ABRules
( ) BRules
(X) Other LEAD
( ) PLM/ Dispersion Staining
( ) BTEX
( ) TPH
( ) PAH

Type of Sample Container: GLASS JAR Method of Preservation: REFRIGERATION

Number of Samples: 1 Sample Date: 12/9/92

Sample Identification/Sample Time
526/12092/SP/S-2 2:35

Requested Turn-Around Time:

( ) Air	___ 24 Hrs.	___ 48 Hrs.	Other ___
( ) Bulk	___ 3 Days	___ 1 Week	Other ___
(X) Soil	___ 24 Hrs.	___ 48 Hrs.	Other X ASAP
( ) Groundwater	___ 24 Hrs.	___ 48 Hrs.	Other ___

Notes: LEAD Analysis

Samples Returned From Lab by: ___ Date: ___

Samples Received From Lab by: ___ Date: ___

(Please sign and return to EMC upon receipt of samples)

EMC ENVIRONMENTAL MATERIALS CONSULTANTS

2027 Chestnut Street - Montgomery, Alabama 36106 - (205) 265-4000

DAILY REPORT - UNDERGROUND STORAGE TANKS

JOB Screws USARTC JOB # 526

FIELDREP. Armstrong DATE 12/9/92

TIME IN _____ TIME OUT _____ DAILY TOTAL _____

SOIL/WATER SAMPLES:

SAMPLE	TIME	DEPTH	SAMPLE CONTAINER	METHOD OF PRESERVATION
TE/S-1	2:45	6'	Glass Jar	Refrigeration
LOCATION: Base				
TE/S-2	2:47	6'	Glass Jar	Refrigeration
LOCATION: East Wall				
TE/S-3	2:50	6'	Glass Jar	Refrigeration
LOCATION: N. Wall				
TE/S-4	2:52	6'	Glass Jar	Refrigeration
LOCATION: West Wall				
TE/S-5	2:53	6'	Glass Jar	Refrigeration
LOCATION: S. Wall				

NARRATIVE:

12/9/1992 - Sample Index

Arrive on site @ 2:30

Took one soil sample from the bottom 1/3 of each of the wall and took one composite stockpile sample for TPH analysis. Took one composite stockpile sample for lead analysis.

Close 1,000 gallon gasoline AST removal

Mileage from office to site and back — 1 mile

SKETCH ON REVERSE SIDE X SIGNATURE Norris D. Armstrong

EMC ENVIRONMENTAL MATERIALS CONSULTANTS

2027 Chestnut Street - Montgomery, Alabama 36106 - (205) 265-4000

DAILY REPORT - UNDERGROUND STORAGE TANKS

JOB Scales USARTC JOB # 526

FIELDREP. Armstrong DATE 12/9/92

TIME IN _____ TIME OUT _____ DAILY TOTAL _____

SOIL/WATER SAMPLES:

SAMPLE	TIME	DEPTH	SAMPLE CONTAINER	METHOD OF PRESERVATION
SP-S-1	2:35	Composite	Glass Jar	Refrigeration

LOCATION: Stock pile soil

SP-S-2 2:35 Composite Glass Jar Refrigeration

LOCATION: Stock piled soil

LOCATION: _____

LOCATION: _____

LOCATION: _____

NARRATIVE:

526/120992 - Samples picked up

SKETCH ON REVERSE SIDE _____ SIGNATURE James D. Armstrong

AFRC-CAL-EN (200-1) 28 June 1997

MEMORANDUM FOR Deputy Chief of Staff, Engineer

SUBJECT: After-Action Report - Final Inspection of Vehicle Washrack at Screws USARC

1. BACKGROUND:

a. Purpose of visit: Conduct final inspection of washrack.

b. Date of visit: 27 June 1997

c. Location: Screws USARC, Montgomery, AL

d. Persons Contacted: Mr. John Taylor - Facility Manager
Mrs. Patsy Norman - Supervisory Staff Administrator, 361 Corps Spt Bn
SFC David Boyotte - Motor Sergeant, 361 Corps Spt Bn
Mr. Claude Steele - Construction Inspector, Mobile District, COE

2. HIGHLIGHTS OF DISCUSSION. Conducted final inspection of washrack and reviewed proper procedures for operation of washrack with Motor Sergeant and SSA. The following deficiencies were noted:

a. The entrance to the OMS is pitched in the direction of the washrack. Stormwater is entering the washrack from the left corner.

b. The sediment chamber lacks sufficient capacity for solids to settle prior to entering the OWS.

c. The inlet pipe is only two inches off the bottom of the sediment chamber. This also contributes to the problem in item 2c.

d. There was no evidence the OWS has cathodic protection as identified in the scope of work.

e. The inlet pipe requires a grate to prevent leaves or other debris from entering the OWS.

3. EFFECTIVENESS OF VISIT. Visit was productive. This washrack is one of four designed in the same manner. Problems identified at this location require action be taken to prevent them from occurring at other locations. Facility Manager needs to be made aware that he his responsible for the entire facility. He stated that because the 361st Spt Bn is the only unit using the washrack, he is not responsible for it.

4. PROPOSED FOLLOW-UP ACTIONS. Submit request to COE to correct deficiencies. Submit design changes for remaining washracks using this design.

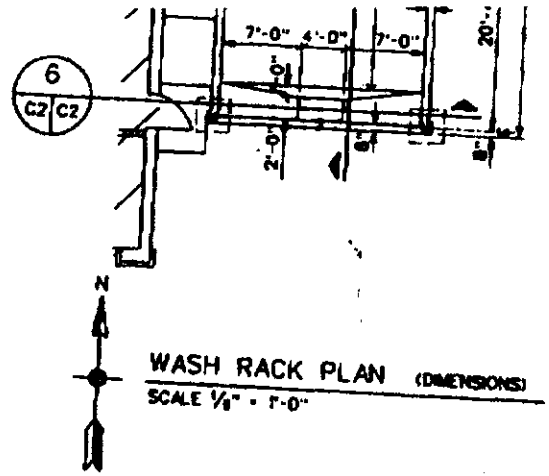
Encls

Mark R. Backer
MARK R. BACKER
MAJ, EN
Environmental Staff Officer

APPROVED: _____
DISAPPROVED: _____
OTHER: _____
SEE ME: _____

SLOPE DOWN TO EXISTING GRADE MAX 2:1 SLOPE

FILL AND TOPSOIL, DE AND RESOD DISTURBED AREAS. SHEET C1 FOR DING AND SODDING NOTES

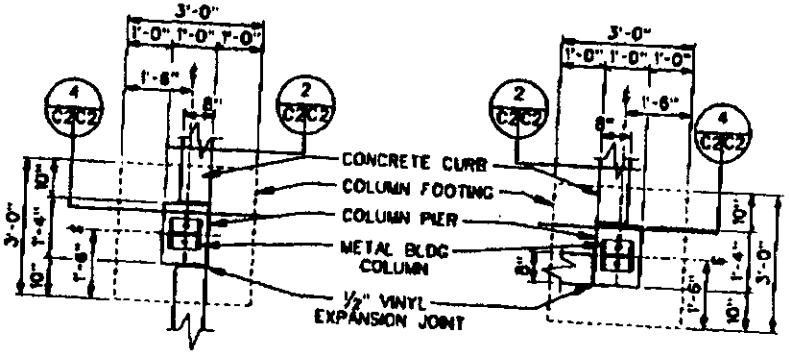


6 C2|C2 WASH RACK PLAN (DIMENSIONS)
SCALE 1/8" = 1'-0"

CONCRETE CURB

ENLARGED EXPANSION JOINT
SCALE 1/2" = 1'-0"

1 C2|C2 SECTION
SCALE 1/2" = 1'-0"

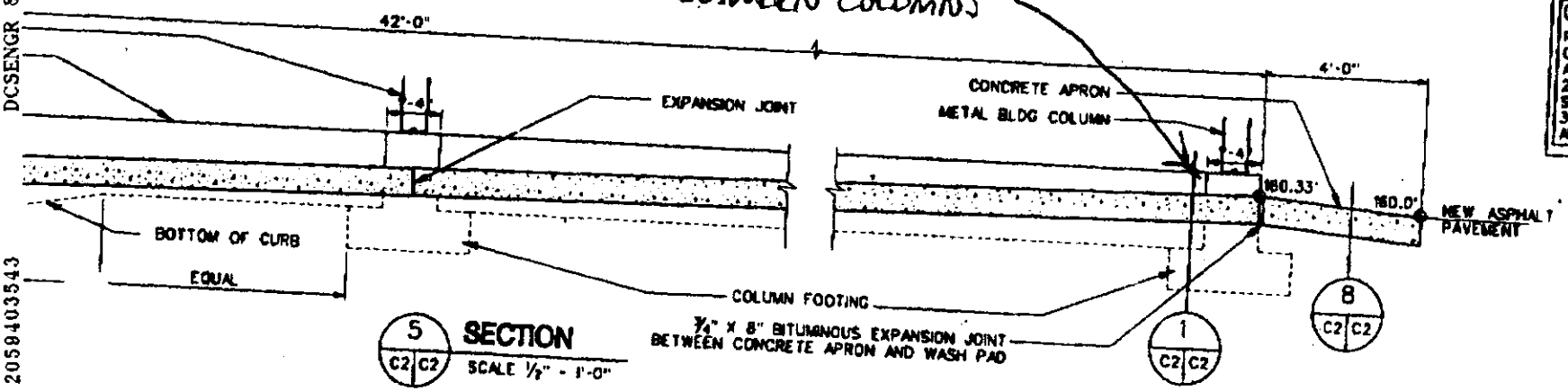


CENTER (TYP)

CORNER (TYP)

3 C2|C2 COLUMN PLAN
SCALE 1/2" = 1'-0"

ADD TRAZOID SHAPED CURB ACROSS ENTRANCE TO WASH PAD BETWEEN COLUMNS

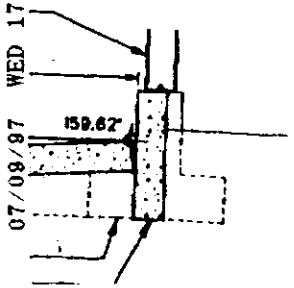


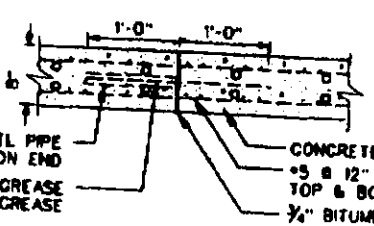
5 C2|C2 SECTION
SCALE 1/2" = 1'-0"

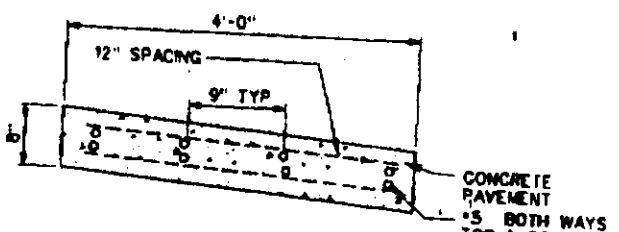
8 C2|C2

1 C2|C2

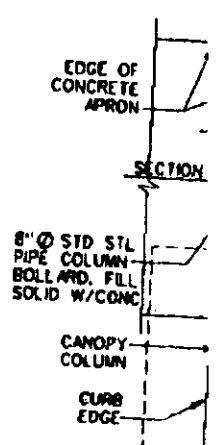
CONCRETE NOTE:
REINFORCEMENT DETAILING
CONCRETE SHALL CONFORM
ACI 318, PART TITLED "CONC
28 DAYS SHALL BE MINIMUM
SHALL BE BETWEEN 5 AND
3 AND 4 INCHES. CONCRETE
AFTER PLACEMENT.







8 C2|C2 CONCRETE APRON SECTION
SCALE 1" = 1'-0"



PLAN
SCALE 1/1"

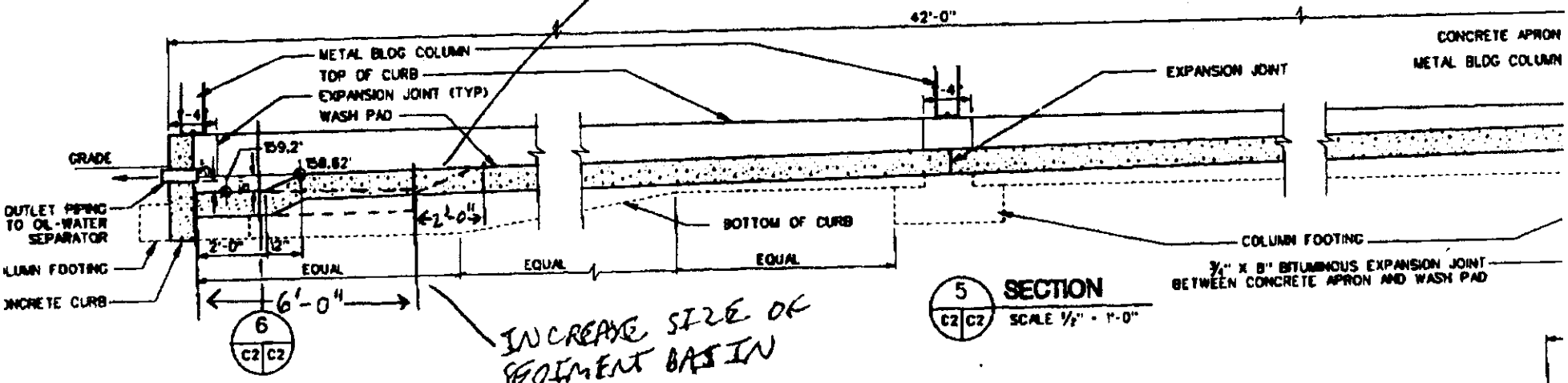
GRADING AND SODDING NOTES

WASH RACK PLAN (ELEVATIONS)
SCALE 1/8" = 1'-0"

WASH RACK PLAN (DIMENSIONS)
SCALE 1/8" = 1'-0"

CENTER (T

SLOPE SLAB TO SEDIMENT BASIN



6 C2 C2

5 SECTION C2 C2
SCALE 1/2" = 1'-0"

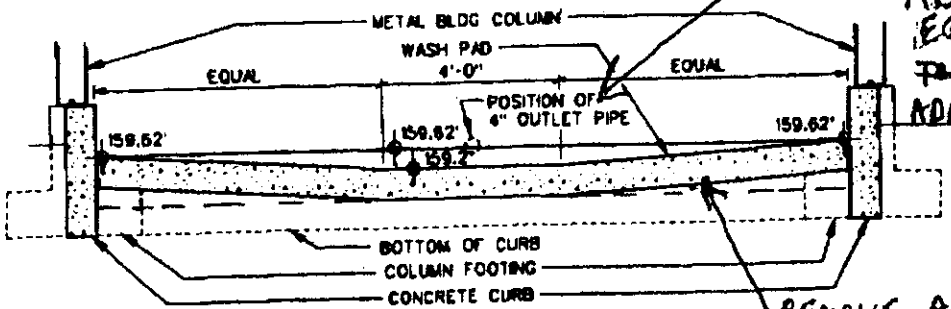
INCREASE SIZE OF SEDIMENT BASIN

ADD ELBOW TO OUTLET

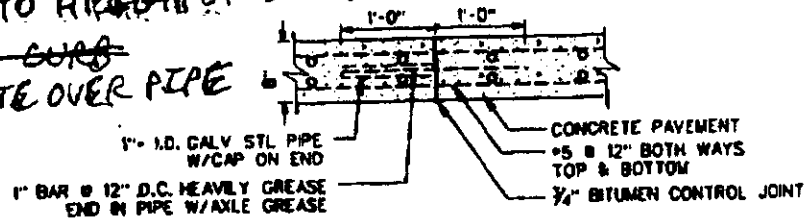
HEIGHT OF ELBOW EQUAL TO HEIGHT OF WASH PAD

~~TOP OF CURB~~

ADD GRATE OVER PIPE



REMOVE AND LOWER



7 EXPANSION JOINT SECTION C2 C2
SCALE 1" = 1'-0"

6 SECTION C2 C2
SCALE 1/2" = 1'-0"

United states army reserve center
Montgomery-2, alabama

ASBESTOS INSPECTION
REPORT

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EXECUTIVE SUMMARY

1. INTRODUCTION

Asbestos Building Inspectors from the Environmental Enterprise Group, Inc. (EEG) of Charleston, SC conducted an inspection to identify asbestos containing building material (ACBM) at the US Army Reserve Center located on Atlanta Highway in Montgomery, Alabama. For the purpose of this inspection, this facility is referred to as Montgomery-2. The inspections were conducted on 11 December 2001 and the results of the inspections provide an inventory of ACBM in five (5) buildings. Temporary/portable buildings were not inspected for this project.

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

Suspect ACBM was identified and sampled in accordance with AHERA-style guidelines (See Paragraph 7 for sampling strategy). Some materials suspected of being ACBM may be assumed to be ACBM and not sampled. Assumed materials may include floor tiles and ventilation transition boots. Some materials weren't identified as ACBM because they were portable and removable (e.g. blackboards, fire hoses,), were not safe to sample (e.g. electrical insulation), or sampling would have damaged the material and impaired the normal system operation/integrity (e.g. heating/ventilation/AC systems, furnace, boiler door and pipe gaskets).

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

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

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

2. FINDINGS SUMMARY

BUILDING 1 (Main Reserve Center): No ACBM was detected in this building during this inspection.

BUILDING 2 (Maintenance Shop): Confirmed non-friable ACBM sheet flooring and assumed 9" floor tile is located in this building.

BUILDING 3 (Storage Building): No suspect material or ACBM was detected in this building during this inspection.

BUILDING 4 (Storage Building) No suspect material or ACBM was detected in this building during this inspection.

BUILDING 5 (Storage Building): No suspect material or ACBM was detected in this building during this inspection.

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

3. ACCESSABILITY

There were times during the inspection process when all rooms were not accessible for inspection due to several reasons, including security. The area that was not inspected at this site was Room 102 of Building 1. Unique room numbers were assigned by the inspectors during the inspection visit (see attached floor plan for room numbers).

4. RENOVATION/DEMOLITION

The National Emission Standard for Hazardous Air Pollutants (NESHAP) 40 CFR Part 61 requires written notification to the local Air Quality Management District at least ten

working days prior to renovation or demolition of ACBM in quantities of 260 linear feet, 160 square feet, 35 cubic feet, or greater, except in cases of emergencies. Contractors are advised to verify most current regulations with the Local Air Quality Management District prior to start of any work.

5. REPORT ORGANIZATION

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

Photos of existing buildings
Narrative description of the building with findings and recommendations
Building Summary Table
Laboratory Test Results Table
Operations and Maintenance Table
CADD drawing showing sample and asbestos locations
Laboratory Chain of Custody and results forms

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

6. ABATEMENT COSTS

EEG, Inc. inspectors found confirmed and assumed non-friable ACBM in one of the five buildings inspected at this site. Abatement cost estimates for each building will be provided by a separate document, if requested, and will include labor, material, equipment, and disposal cost. The extent to which other costs will be covered must be negotiated separately and beyond the scope of this report.

7. SAMPLING STRATEGY

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

Thermal System Insulation (TSI)

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

Surfacing Materials

1) A minimum of 3 samples were taken of each homogeneous area of material 1000 SF or less.

2) A minimum of 5 samples were taken of each homogenous area of material greater than 1000 SF but less than 5000 SF.

3) A minimum of 7 samples were taken of each homogenous area of material greater than 5000 SF.

Miscellaneous Materials (Including floor tiles, ceiling tiles and mastics)
A minimum of 2 samples

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

BUILDING SUMMARIES

The following pages report observations noted and suggest actions required as a result of an asbestos inspection conducted by Environmental Enterprise Group, Inc. in December of 2001. Five (5) buildings at the US Army Reserve Center located in Montgomery-2, Alabama were inspected for possible presence of suspect/assumed asbestos. This section provides *Description, Findings, Observations, Recommended Abatement Action, and Recommendations for Operations and Maintenance* for each building inspected.

The room numbers shown on the CAD drawings and referenced in the report were assigned by the inspectors at the time of inspection. Some room numbers are prefixed by a letter to indicate the type of room. **E** indicates an entry to the building, **H** indicates a hallway, **R** is a roof, **S** is a stairwell, **A** is an attic area and **B** indicates basement rooms.

BUILDING 1: Main Reserve Center

1. DESCRIPTION:

Building 1 is a two-story, 15,430 square-foot building constructed in 1959. It is a concrete block structure with a brick exterior and a flat, rubber-coated roof. The following information was identified during the survey and from the analysis of the samples taken:

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

2. FINDINGS:

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

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

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

- H-1: MISC, FLOOR TILE & MASTIC, 12", White w/brown & gray streaks
- H-2: MISC, FLOOR TILE & MASTIC, 12", Tan w/white & gray streaks
- H-3: MISC, GROUT, CERAMIC TILE, Gray
- H-4: SURFACING, PLASTER, White
- H-5: MISC, SHEETROCK/MUD, White

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

3. OBSERVATIONS: NONE

4. RECOMMENDED ABATEMENT ACTIONS: NONE

5. RECOMMENDATIONS FOR OPERATIONS AND MAINTENANCE: NONE

BUILDING SUMMARY TABLE

US ARMY RESERVE CENTER - MONTGOMERY-2
ASBESTOS BUILDING SURVEY

Building No. 1

H-No	ACM Y,N,A	Material Description	Quantity	Rating	Friability	Cond	% D	Recommended Action	Cost Estimate	Comments
1	N	**Misc, FLOOR TILE & MASTIC, 12", White w/brown & gray streaks**	SF	0						
		Rooms 106, 210, Various								
2	N	**Misc, FLOOR TILE & MASTIC, 12", Tan w/white & gray streaks**	SF	0						
		Rooms H-101, H-200, Various								
3	N	**Misc, GROUT, CERAMIC TILE, Gray**	SF	0						
		Rooms 103, 105, 206, 209								
4	N	**Surfacing, PLASTER, White**	SF	0						
		Rooms 103, 206, 209								
5	N	**Misc, SHEETROCK/MUD, White**	SF	0						
		Rooms 119, H-101, Various								

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

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

LABORATORY TEST RESULTS TABLE

US ARMY RESERVE CENTER - MONTGOMERY-2
ASBESTOS BUILDING SURVEY
INDUSTRIAL LABORATORY TEST REPORT

Building No. 1

Homo. Area	ASB Y/N	Sample Number	Room Number	Material Description:	Date Sampled	Date Analyzed	Sample Results	Percent Asbestos
1	NO	Mntgmry2-001	106	Misc, FLOOR TILE & MASTIC, 12", White w/brown & gray streaks	12/11/01	12/21/01	No Asbestos Detected	0%
1	NO	Mntgmry2-002	210	Misc, FLOOR TILE & MASTIC, 12", White w/brown & gray streaks	12/11/01	12/21/01	No Asbestos Detected	0%
2	NO	Mntgmry2-003	H-200	Misc, FLOOR TILE & MASTIC, 12", Tan w/white & gray streaks	12/11/01	12/21/01	No Asbestos Detected	0%
2	NO	Mntgmry2-004	H-101	Misc, FLOOR TILE & MASTIC, 12", Tan w/white & gray streaks	12/11/01	12/21/01	No Asbestos Detected	0%
3	NO	Mntgmry2-005	209	Misc, GROUT, Gray	12/11/01	12/21/01	No Asbestos Detected	0%
3	NO	Mntgmry2-006	206	Misc, GROUT, Gray	12/11/01	12/21/01	No Asbestos Detected	0%
4	NO	Mntgmry2-007	103	Surfacing, PLASTER, White	12/11/01	12/21/01	No Asbestos Detected	0%
4	NO	Mntgmry2-008	103	Surfacing, PLASTER, White	12/11/01	12/21/01	No Asbestos Detected	0%
4	NO	Mntgmry2-009	103	Surfacing, PLASTER, White	12/11/01	12/21/01	No Asbestos Detected	0%
4	NO	Mntgmry2-010	209	Surfacing, PLASTER, White	12/11/01	12/21/01	No Asbestos Detected	0%
4	NO	Mntgmry2-011	206	Surfacing, PLASTER, White	12/11/01	12/21/01	No Asbestos Detected	0%
5	NO	Mntgmry2-012	119	Misc, SHEETROCK/MUD, White	12/11/01	12/21/01	No Asbestos Detected	0%
5	NO	Mntgmry2-013	H-101	Misc, SHEETROCK/MUD, White	12/11/01	12/21/01	No Asbestos Detected	0%

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

BUILDING 1 – MAIN RESERVE CENTER – MONTGOMERY-2, AL

BUILDING 2: Maintenance Shop

1. DESCRIPTION:

Building 2 is a 3,920 square-foot building constructed in 1959. It is a 3-bay concrete block structure with a brick exterior and a flat roof covered with recently installed rolled roofing material. The following information was identified during the survey and from the analysis of the samples taken:

- Three homogeneous areas were identified during the initial survey.
- One homogeneous area was assumed to contain asbestos.
- Two of the homogeneous areas were suspected to contain asbestos and sampled to confirm.
- One of the suspected homogeneous areas was confirmed to contain asbestos.
- One of the suspected homogenous areas did not contain asbestos.

2. FINDINGS:

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

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

- H-6: MISC, SHEET FLOORING, Light Green, was Non-friable and Damaged.

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

- H-1: MISC, FLOOR TILE & MASTIC, 12", White w/tan & gray streaks

Assumed ACM. The following homogeneous areas were assumed to contain asbestos:

- H-7: MISC, FLOOR TILE & MASTIC, 9", Green, was Non-friable and Not Damaged.

3. OBSERVATIONS: NONE

4. RECOMMENDED ABATEMENT ACTIONS:

Recommended actions for the following homogeneous areas:

- H-6: MISC, SHEET FLOORING, Light Green: **Remove/O&M**
- H-7: MISC, FLOOR TILE & MASTIC, 9", Green: **Remove/O&M**

5. RECOMMENDATIONS FOR OPERATIONS AND MAINTENANCE:

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

MISC SHEET FLOORING is Confirmed, Non-friable ACM.

H-6 (SHEET FLOORING. Light Green) is located in Room 101.

MISC FLOOR TILE & MASTIC is Assumed, Non-friable ACM.

H-7 (FLOOR TILE & MASTIC, 9", Green) is located under sheet flooring H-6 in Room 101.

BUILDING SUMMARY TABLE

US ARMY RESERVE CENTER - MONTGOMERY-2
ASBESTOS BUILDING SURVEY

Building No. 2

H-No	ACM Y,N,A	Material Description	Quantity	Rating	Friability	Cond	% D	Recommended Action	Cost Estimate	Comments
1	N	**Misc, FLOOR TILE & MASTIC, 12", White w/white & gray streaks**	**SF**	**0**						
		Rooms 104, 105								
6	Y	**Misc, SHEET FLOORING, Light Green**	**48 SF**	**15**	**Non**	**D**	**5.0**	**Remove/O&M**		
		Rooms 101								
7	A	**Misc, FLOOR TILE & MASTIC, 9", Green**	**48 SF**	**3**	**Non**	**PD**	**0.0**	**Remove/O&M**		**Located under sheet flooring (H-6) in Room 101.**
		Rooms 101								

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

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

LABORATORY TEST RESULTS TABLE

US ARMY RESERVE CENTER - MONTGOMERY-2
ASBESTOS BUILDING SURVEY
INDUSTRIAL LABORATORY TEST REPORT

Building No. 2

Homo. Area	ASB Y/N	Sample Number	Room Number	Material Description:	Date Sampled	Date Analyzed	Sample Results	Percent Asbestos
6	YES	Mntgmry2-014	101	Misc, SHEET FLOORING, Light Green	12/11/01	12/21/01	Chrysotile	25%
6	YES	Mntgmry2-015	101	Misc, SHEET FLOORING, Light Green	12/11/01	12/21/01	Chrysotile	28%

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

OPERATIONS AND MAINTENANCE TABLE

US ARMY RESERVE CENTER - MONTGOMERY-2
ASBESTOS BUILDING SURVEY

O&M

Bldg. No.	Homo No.	Material Description	Quantity	Rat-ing	Fria-bility	Condition	% D	Recommended Action
2	6	Misc, SHEET FLOORING, Light Green	48 SF	15	Non	Damaged	5.00	Remove/O&M
Locations: Rooms 101								
2	7	Misc, FLOOR TILE & MASTIC, 9", Green	48 SF	3	Non	Not Damaged	0.00	Remove/O&M
Locations: Rooms 101								

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

BUILDING 2 – MAINTENANCE SHOP – MONTGOMERY-2, AL

BUILDING 3: Storage

1. DESCRIPTION:

Building 3 is a 1500 square-foot building. It is a metal structure with a metal roof and siding**. Inspection of this building revealed no suspected asbestos containing materials**. The following information was identified during the survey:

- No homogeneous areas were identified during the initial survey.
- No homogeneous areas were assumed to contain asbestos.

2. FINDINGS:

No homogeneous areas with suspected ACM were identified. No samples were collected or analyzed.

3. OBSERVATIONS: No suspect materials found.

4. RECOMMENDED ABATEMENT ACTIONS: NONE

5. RECOMMENDATIONS FOR OPERATIONS AND MAINTENANCE: NONE

BUILDING 3 – STORAGE BUILDING – MONTGOMERY-2, AL

BUILDING 4: Storage Building

1. DESCRIPTION:

Building 4 is a 720 square-foot building. It is a concrete block structure with brick exterior and a metal roof**. Inspection of this building revealed no suspected asbestos containing materials**. The following information was identified during the survey:

- No homogeneous areas were identified during the initial survey.
- No homogeneous areas were assumed to contain asbestos.

2. FINDINGS:

No homogeneous areas with suspected ACM were identified. No samples were collected or analyzed.

3. OBSERVATIONS: No suspect materials found.

4. RECOMMENDED ABATEMENT ACTIONS: NONE

5. RECOMMENDATIONS FOR OPERATIONS AND MAINTENANCE: NONE

BUILDING 4 – STORAGE BUILDING – MONTGOMERY-2, AL

BUILDING 5: Storage Building

1. DESCRIPTION:

Building 5 is a 240 square-foot building. It is a concrete block structure with brick exterior and a flat roof covered with non-suspect rolled roofing**. Inspection of this building revealed no suspected asbestos containing materials**. The following information was identified during the survey:

- No homogeneous areas were identified during the initial survey.
- No homogeneous areas were assumed to contain asbestos.

2. FINDINGS:

No homogeneous areas with suspected ACM were identified. No samples were collected or analyzed.

3. OBSERVATIONS: No suspect materials found.

4. RECOMMENDED ABATEMENT ACTIONS: NONE

5. RECOMMENDATIONS FOR OPERATIONS AND MAINTENANCE: NONE

BUILDING 5 – STORAGE BUILDING – MONTGOMERY-2, AL

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

REPLY TO
ATTENTION OF

AFRC-CAL-EN (200-1)

JUL 29 2002

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

SUBJECT: Air Quality

1. The 81st Regional Support Command (RSC) has completed a command survey to identify sources of air pollution emissions. At this time, there is no stationary or mobile air pollution sources identified, which would constitute the submission of a Title V, Air Pollution Control permit application.

2. This memorandum should be used to avoid negative Environmental Compliance Assessment Army Reserve findings as it relates to Air Quality. This memorandum is to be filed and maintained in the Environmental Records Binder. The point of contact for this action is Deputy Chief of Staff, Installation Management, Chief, Environmental Division at 877-749-9063, ext 1588.

/s/ Steven Edwards

MICHAEL O'STEEN
Facility Management Officer

Bregman & Company, Inc.

Environmental Baseline Survey

BG William P. Screws USARC (AL037)
4050 Atlanta Highway
Montgomery, Alabama 36109

Prepared For

81st RRC
255 West Oxmoor Road
Birmingham, Alabama 35209

Prepared By

Bregman & Company, Inc.
5272 River Road, Suite 550
Bethesda, Maryland 20816

November 19, 2004

ENVIRONMENTAL BASELINE SURVEY
SIGNATURE SHEET

Prepared by:

Sheppard N. Moore 19 Nov 04

Sheppard N. Moore **Date**
Environmental Scientist
Bregman & Company, Inc.

Reviewed by:

Scott Gardner **Date**
Environmental Manager
81st RRC – Installation Management, CE

Rachel Riggins **Date**
NEPA Coordinator
81st RRC – Installation Management, CE

Approved by:

Steve Francis **Date**
Environmental Division Chief
81st RRC

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LIST OF ATTACHMENTS

SECTION 1.0
EXECUTIVE SUMMARY

1.1 INTRODUCTION

Bregman & Company, Inc. is pleased to present this Environmental Baseline Survey (EBS) to the 81st Regional Readiness Command (RRC) for the BG William P. Screws U.S. Army Reserve Center (USARC), Facility ID# AL037. For the purpose of this EBS, this facility is referred to as the subject property. The subject property is located at 4050 Atlanta Highway, Montgomery County, Montgomery Alabama. This EBS was developed in general conformance with the scope and limitations of the American Society for Testing and Materials (ASTM) Designation D6008-96, *Standard Practice for Conducting Environmental Baseline Surveys*, the ASTM Designation E1527-00, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, and Army Regulation 200-1, *Environmental Quality, Environmental Protection and Enhancement*, Chapter 15-6, and generally recognized industry practices.

The property evaluated during the course of this EBS encompasses 4.8 acres that is rectangular in shape. The subject property is currently used to provide organizational and limited direct support maintenance and technical assistance for supported Army units located in the region. Maintenance conducted at the site includes support of military vehicles and related equipment that cannot be performed by Army Reserve unit personnel during regularly scheduled weekend training sessions. No maintenance was being performed at this time.

The center of the property is occupied by the Administration Building. The south western portion of the subject property is occupied by the Operations Maintenance Shop (OMS), wash rack, two storage buildings, and military equipment parking (MEP) area. There are five buildings on the subject property, with two of the smaller storage buildings south and south east of the admin building. A description of the structures on the site is as follows:

- Administration Building. The Administration Building is a 16,132 square foot structure and is the dominant facility on the property. It is a two-story brick structure on a concrete slab with fluorescent lighting used throughout. While vinyl tile is the primary flooring used the offices have carpet. The building was constructed in 1957. The Administration Building is currently occupied by the following Army Reserve units:

  Army Units
  - 81st RRC Retention Cell
  - 361st Support Battalion, 81st RRC
  - 282nd Quartermaster Company, 81st RRC
  - Distance Learning Center, Training And Indoctrination Command

- Operations Maintenance Shop. The OMS on the property is a 5,081 square foot one-story brick and cinder block building on a concrete slab, with a metal roof. The building contains cages for storage of personal gear.

- Hazardous Materials Storage Building. A hazardous materials storage shed is located in the western corner of the subject property. Based on a review of the hazardous waste inventory sheets (see Attachment E Site Environmental Documents), the building contains small amounts of the following: antifreeze, cleaner lubricant, lubricating oil, grease, T-N-T

brake washer fluid, brake fluid, windshield washer fluid, spray paints, and insecticides. See Attachment E, for complete inventory. All of the containers are smaller than 55 gallons.

- Wash Rack. There is one vehicle wash rack located on the subject property. It is east of the OMS Building. This wash rack is equipped with an oil water separator.

- Storage Buildings. There are two other storage buildings located south and south east of the admin building. One is of metal construction and the other is composed of brick. See Attachment B Site Sketch, and Attachment F Aerial Photographs.

Approximately 25 percent of the subject property is landscaped with grass, native plants, and decorative shrubs. Paved areas and building footprints are located on the remainder of the property. A chain-link fence surrounds the property, except for the admin building, and access is only gained with proper identification.

The 81st RRC is the current owner of the property. Based on a review of the plat map, the property is bound by Atlanta Highway on the north, woods and a city park on the south, a gas station on the east, and Head Elementary School on the west. The latitude/longitude of the subject property is 32^{o} 22' 55.2"N, 86^{o} 14' 31.9"W (NAD27). Adjacent properties are shown in Section 4.0 of this report.

Based on the investigation, we identified no recognized environmental conditions and only two environmental concerns that could potentially pose threats to the environmental integrity of the site.

Environmental Concerns

- Asbestos Containing Materials. An Asbestos Building Survey was prepared for the subject property in December of 2001. This surveys finding were as follows.

    - Building 2 (OMS): Confirmed non-friable ACBM in the form of sheet flooring and floor tile were found in the building.

- Adjacent Properties. One Leaking Underground Storage Tank (LUST) within ½ mile, however it is down slope, 5 Underground Storage Tanks (UST) within ¼ mile, and three RCRIS within 1/8 mile.

- This EBS classifies the subject property into one of seven DOD Environmental Condition of Property (ECP) categories as defined by ASTM Designation D5746-98 (2002), *Standard Classification of Environmental Condition of Property Area Types for Defense Base Closure and Realignment Facilities.* Property classification categories are defined in Section 2.3 of this EBS. The subject property has been classified as category Type 3 an area or parcel of real property where release, disposal, or migration, or some combination thereof, of hazardous substances has occurred, but at concentrations that do not require a removal or remedial action.

This report was prepared for the exclusive use of the 81st Regional Support Command. Bregman & Company, Inc. is not liable for any action arising out of the reliance of any third party on the information contained within this report.

SECTION 2.0
SCOPE OF SERVICES

2.1 OBJECTIVES AND METHODOLOGY

Bregman & Company Inc. prepared this EBS for the subject site and all of the properties within the minimum search distances specified under ASTM E 1527-00, ASTM D 6008-96, and Army Regulation 200-1 standards.

The objective of the EBS was to identify any recognized environmental conditions by reviewing the site history, historical aerial photographs, historical topographic maps, city directories, regulatory agency records, historical reports, and by conducting interviews, and performing site reconnaissance. An EBS identifies environmental conditions, defined as the presence or likely presence of hazardous substances or petroleum products under conditions that indicate an existing release, a past release, or a threat of a release on the surface of the subject property, or into the ground, groundwater, or surface water of the property. The term does not include *de minimis* conditions that generally do not represent a risk of harm to public health or the environment, and that generally would not be the subject of a regulatory enforcement action.

This EBS was performed in a manner that allowed for the identification of recognized environmental conditions at the site, those concerns ascertained through visual and physical observations, and information-gathering procedures.

The following tasks were performed during the course of this EBS:

- An on-site inspection for evidence of hazardous materials handling, storage, or disposal, and other potential contaminants, or practices that may have affected the property.
- An evaluation of the surrounding properties within the designated ASTM radii, with respect to their potential to impact the environmental integrity of the subject site. This evaluation was limited to (a) evidence readily observable without accessing the neighboring properties and (b) data that may be obtained from federal, state, and local regulatory agency files via use of an electronic database search supplied by Environmental Data Resources (EDR).
- Review of reasonably available historical data (e.g., historical environmental reports, aerial photographs, city directories, and historical topographic maps), topographical and hydrogeological information, and other information, as appropriate.
- Interviews with persons knowledgeable of the site.

Mr. Sheppard N. Moore, Environmental Scientist, and Scott Gardner, Environmental Manager for the 81st RRC performed the site investigation and reconnaissance on November 10, 2004.

2.2 INFORMATION SOURCES

Bregman & Company, Inc. personnel reviewed the following applicable documents in the course of this EBS:

Document	Source
Road Map of the Area	Mapquest.com
USGS 7.5-Min. Topographic Maps – Willow Springs, AL Quadrangle, 2003	Topozone.com
Aerial Photographs of the Site and Surrounding Area	EDR, 81st RRC Facility Imagery And Maps
Plat map of the subject property	81st RRC
Site Sketch & Floor Plans	81st RRC
Asbestos Surveys 1995, 2002	81st RRC
Spill Prevention and Control Plan	81st RRC
Geology and Soils Data for the Site and Surrounding Area	EDR
Underground Storage Tank Closure Report 1992, And Alabama Department of Environmental Management No Further Action Letter 1994	81st RRC

- The documents provided by the 81st RRC have been copied to an electronic disk and are included as an attachment in this report. In addition, substantive information about the site and the surrounding area was obtained from an interview with SFC Raul F. Santiago.

2.3 ENVIRONMENTAL CONDITION OF THE PROPERTY CATEGORIES

The EBS classifies the subject property into one of seven DOD Environmental Condition of Property (ECP) categories as defined by ASTM Designation D5746-98, *Standard Classification of Environmental Condition of Property Area Types for Defense Base Closure and Realignment Facilities.* The property classification categories are described in detail below:

- ECP Area Type 1: An area or parcel of real property where no release or disposal of hazardous substances or petroleum products or their derivatives has occurred (including no migration of these substances from adjacent properties).

- ECP Area Type 2: An area or parcel of real property where only the release or disposal of petroleum products or their derivatives has occurred.

- ECP Area Type 3: An area or parcel of real property where release, disposal, or migration, or some combination thereof, of hazardous substances has occurred, but at concentrations that do not require a removal or remedial action.

- ECP Area Type 4: An area or parcel of real property where release, disposal, or migration, or some combination thereof, of hazardous substances has occurred, and all remedial actions necessary to protect human health and the environment have been taken.

- ECP Area Type 5: An area or parcel of real property where release, disposal, or migration, or some combination thereof, of hazardous substances has occurred and removal or remedial actions, or both, are under way, but all required actions have not yet been taken.

- ECP Area Type 6: An area or parcel of real property where release, disposal, or migration, or some combination thereof, of hazardous substances has occurred, but required response actions have not yet been initiated.

- ECP Area Type 7: An area or parcel of real property that is unevaluated or requires additional evaluation.

ECP Area Types 1 through 4 are suitable for lease or transfer by deed. ECP Area Types 5 and 6 are typically unsuitable for lease or transfer by deed because of ongoing or yet to be initiated remedial actions. ECP Area Type 7 is unevaluated or requires additional evaluations.

2.4 LIMITATIONS

This EBS was performed in accordance with ASTM E 1527-00, ASTM D 6008-96, and Army Regulation 200-1. This EBS included available historical sources, including previous environmental documents, historical aerial photographs, historical topographic maps, and interviews with persons knowledgeable about site activities.

Although this study has been a reasonably thorough attempt to identify the potential sources of contamination for the subject site, there is always the possibility that some sources of contamination have escaped detection due to the limitations of this study, the inaccuracy of government records, or the presence of undetected and unreported environmental events. Bregman & Company Inc. environmental personnel have performed this EBS using the degree of care and skill ordinarily exercised under similar conditions by other reputable environmental professionals practicing in this or similar localities.

SECTION 3.0
SITE DESCRIPTION

3.1 SITE NAME

BG William P. Screws USARC (AL037)

3.2 SITE ADDRESS

The subject property is located 4050 Atlanta Highway, Montgomery, Montgomery County, Alabama (see Attachments A and B – Site Location Map and Site Sketch & Floor Plans). The mailing address for the facility is as follows:

BG William P. Screws USARC (AL037)
4050 Atlanta Highway
Montgomery AL, 36109

3.3 PROPERTY SIZE

Based on a review of the Integrated Facilities System (IFS) report, the property encompasses 4.8 acres.

3.4 CURRENT IMPROVEMENTS AND USES

The property evaluated during the course of this EBS encompasses 4.8 acres that is rectangular in shape. The subject property is currently used to provide organizational and limited direct support maintenance and technical assistance for supported Army units located in the region. Maintenance conducted at the site includes support of military vehicles and related equipment that cannot be performed by Army Reserve unit personnel during regularly scheduled weekend training sessions.

The center of the property is occupied by the Administration Building. The south western portion of the subject property is occupied by the Operations Maintenance Shop (OMS), wash rack, two storage buildings, and military equipment parking (MEP) area. There are five buildings on the subject property, with two of the smaller storage buildings south and south east of the admin building. A description of the structures on the site is as follows:

- Administration Building. The Administration Building is a 16,132 square foot structure and is the dominant facility on the property. It is a two-story brick structure on a concrete slab with fluorescent lighting used throughout. While vinyl tile is the primary flooring used the offices have carpet. The building was constructed in 1957. The Administration Building is currently occupied by the following Army Reserve units:

  Army Units
  - 81st RRC Retention Cell
  - 361st Support Battalion, 81st RRC
  - 282nd Quartermaster Company, 81st RRC
  - Distance Learning Center, Training And Indoctrination Command

- Operations Maintenance Shop. The OMS on the property is a 5,081 square foot one-story brick and cinder block building on a concrete slab, with a metal roof. The building contains cages for storage of personal gear.

- Hazardous Materials Storage Building. A hazardous materials storage shed is located in the western corner of the subject property. Based on a review of the hazardous waste inventory sheets (see Attachment E Site Environmental Documents), the building contains small amounts of the following: antifreeze, cleaner lubricant, lubricating oil, grease, T-N-T brake washer fluid, brake fluid, windshield washer fluid, spray paints, and insecticides. See Attachment E, for complete inventory. All of the containers are smaller than 55 gallons.

- Wash Rack. There is one vehicle wash rack located on the subject property. It is east of the OMS Building. This wash rack is equipped with an oil water separator.

- Storage Buildings. There are two other storage buildings located south and south east of the admin building. One is of metal construction and the other is composed of brick. See Attachment A Site Sketch, and Attachment F Aerial Photographs.

Approximately 25 percent of the subject property is landscaped with grass, native plants, and decorative shrubs. Paved areas and building footprints are located on the remainder of the property. A chain-link fence surrounds the property, except for the admin building, and access is only gained with proper identification.

3.4.1 Utilities

Alabama Power serves the site with electricity. Alabama Natural Gas Company provides natural gas and The City of Montgomery provides the site with potable water and sewer service to the site.

3.5 SITE HISTORY

3.5.1 Previous Environmental Assessments of the Site

There were no previous environmental assessments available for review.

3.5.2 Occupancy and Uses of Subject Property

Bregman & Company Inc. reviewed several sources of historical information with regard to the site, including historical aerial photographs; historical topographic maps, and information supplied by interviews (see Attachment D).

A review of historical aerial photographs and topographic maps for the subject site shows it in use as a military facility since the 1950's.

3.5.3 Occupancy and Uses of Nearby Properties

The property is bound by Atlanta Highway on the north, woods and a city park on the south, a gas station on the east, and Head Elementary School on the west.

3.5.4 Review of Aerial Photographs

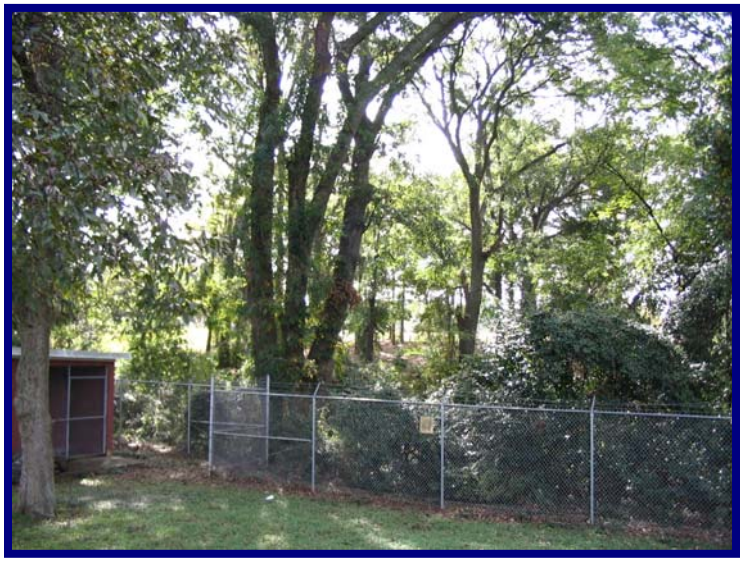
Aerial photographs are included in Attachment F.

SECTION 4.0
ADJACENT PROPERTIES

Attachment F provides an aerial view of the properties that surround the subject property. The property is bound by Atlanta Highway on the north, woods and a city park on the south, a gas station on the east, and Head Elementary School on the west. The photographs below illustrate adjacent properties:

NORTH

SOUTH



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East

West

SECTION 5.0
ENVIRONMENTAL SETTING

5.1 TOPOGRAPHY AND SURFACE WATER

The site slopes gently to the west. No natural surface waters occur on the subject property however, a man-made drainage ditch (see Attachment B Site Sketch and Floor Plan) carries precipitation runoff from the grassed areas to a natural stream that is just west of the property. Two storm drains, one on the north side of the property, and the other on the south west corner of the property discharge into the city stormwater system.

5.2 100-YEAR FLOOD ZONE

A review of the Overview Map (see EDR Database Report) indicates that the entire subject property lies out of the 100-year flood zone.

5.3 GEOLOGIC INFORMATION

Rock Stratigraphic Unit		**Geologic Age Identification**
Era:	Mesozoic	Category: Stratified Sequence
System:	Cretaceous	
Series:	Austin and Eagle Ford Groups	
Code:	uK2 (decoded above as Era, System & Series)	

5.4 HYDROGEOLOGIC INFORMATION

Based on a review of USGS information, and Alabama Geological Survey the site is underlain by the upper part of the Black Warrior River Aquifer. It is a confined single aquifer and ranges from 250 to 450 feet thick. Well data from within the area indicates waters levels at 90 feet below the surface.

5.5 SOIL CHARACTERIZATION

According to the U. S. Department of Agriculture's Natural Resource Conservation Service data, the prominent soil type at the site has been identified as Red Bay. The soil surface texture is fine sandy loam. The soils are deep to moderately deep and have moderate infiltration rates. They are moderately well to well drained and have an intermediate water holding capacity. It is five feet to bedrock and five feet to the water table.

SECTION 6.0
REVIEW OF SPECIAL RESOURCES

6.1 WETLANDS

The United States Army Corp of Engineers (USACE) and Environmental Protection Agency (EPA) jointly define wetlands as "*Those areas that are inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions."*

Based on a review of the National Wetlands Inventory Map (Overview Map 1297124.22s in EDR Report) and the site reconnaissance, there are no designated wetlands on the subject property. However, it should be noted that a wetlands delineation study was not conducted as part of this EBS.

6.2 COASTAL ZONE

The subject property is not in a Costal Zone Management Area.

6.3 THREATENED AND ENDANGERED SPECIES

Based on the site reconnaissance and a review of site and aerial photographs it is unlikely that any federally listed threatened and/or endangered species are located on the property. However, no formal species survey was conducted; therefore it is recommended that if any major site disturbance or construction activity occurs on the subject property, the U.S. Fish and Wildlife be contacted.

6.4 ARCHAEOLOGICAL/HISTORIC SITES

No archeological investigation has been conducted for this site; therefore it is recommended that if any future site disturbance or major construction activity occurs on the subject property, a Phase I Archaeological Investigation be conducted.

Based on the visual inspection of the buildings on the subject property, the dates of construction, and the historic use of the site, no buildings are eligible for listing in the National Historic Register.

SECTION 7.0
SITE RECONNAISSANCE AND INTERVIEWS

7.1 SITE OBSERVATIONS

7.1.1 INSPECTOR/INSPECTION DATE

Environmental professional Sheppard Moore of Bregman & Company Inc, and Scott Gardner, 81st RRC performed the site reconnaissance on November 10, 2004. Mr. Moore is an Environmental Scientist., and Mr. Gardner is an Environmental Manager.

7.1.2 Site Access and Egress

There is one driveway leading onto the subject property. Access to the property was restricted to personnel with proper identification.

7.1.3 Wells

7.1.3.1 Drinking and/or Irrigation Wells

There are no drinking wells or irrigation wells on the subject property.

7.1.3.2 Dry Wells

No visual or physical evidence of dry wells was discovered on the subject property.

7.1.4 Pits, Ponds, and Lagoons

Visual inspections for pits, ponds, and lagoons, particularly those used in connection with waste disposal or waste treatment, were conducted. None were noted at the time of the visual inspection of the property. There was no visual evidence that the area was currently or had been used for waste disposal in the past.

7.1.5 Mounds or Depressions

A visual inspection was conducted to identify areas apparently filled or graded by other than natural means (or filled by unknown origins), mounds, or depressions suggesting trash or other solid waste disposal. No mounds or depressions were observed during the visual inspection of the property.

7.1.6 Vegetation/Wooded Areas

The site is approximately 25 percent landscaped with grass/native plants and decorative shrubs. Paved areas and building footprints occupy the remainder of the property.

7.1.7 Buildings and Other Structures

The buildings on the property have been previously discussed in Section 3.0.

7.1.8 Septic Systems

There are no septic systems on the property.

7.1.9 Solid Waste Disposal

At the time of the visual inspection of the property, there was one dumpster on the site. The solid waste dumpster is routinely emptied by BFI and all solid waste is recycled. No staining or unusual odors were observed in and around the solid waste dumpsters.

7.1.10 Evidence of Air Emissions/Odors

No unusual odors were noted during the reconnaissance of the property.

7.1.11 Evidence of Wastewater Discharge

No wastewater discharge, other than sanitary wastewater which is discharged to the city system, was observed on or adjacent to the subject property.

7.1.12 Evidence of Monitoring Wells or Environmental Remedial Activities

There are no wells on the subject property.

7.1.13 Evidence of Stained or Discolored Soil or Dead, Distressed, Discolored, or Stained Vegetation

No stained or discolored soil or distressed vegetation was found during its reconnaissance of the site.

7.1.14 Evidence of Leachate or Seeps

None were observed during the site investigation.

7.1.15 Evidence of Chemical/Petroleum Spills or Releases

There was no evidence of spills. Based on a review of the Spill Response Plan which is kept on site, it appears that proper spill response procedures are being implemented at the site.

7.1.16 Hydraulic Equipment

No hydraulic equipment was identified on site.

7.1.17 Evidence of Farm Waste Concerns

No such evidence was observed.

7.1.18 Evidence of Excessive Use of Pesticides, Herbicides, Soil Conditioners, or Fertilizers

Other than standard amounts used by landscape/pest-control personnel, no excessive use of any of these chemicals were noted at the time of the visual site inspection. Pest Management is handled by a licensed contractor.

7.1.19 Other Concerns

All assigned units have appointed a person to be responsible for environmental issues for that unit.

7.2 AREA RECONNAISSANCE

The subject property is located at 4050 Atlanta Highway. It and the properties immediately surrounding the site have been described previously.

7.3 HAZARDOUS SUBSTANCES AND PETROLEUM PRODUCTS IN CONNECTION WITH IDENTIFIED USES

Visual and physical inspections for hazardous substances and petroleum products were also conducted. The materials storage consists of: antifreeze, cleaner lubricant, lubricating oil, grease, T-N-T brake washer fluid, brake fluid, windshield washer fluid, spray paints, and insecticides.

All petroleum products and hazardous substances were properly stored in hazardous material storage sheds or flammable storage cabinets at the time of the inspection.

No improper storage techniques or staining was noted in or around the hazardous materials storage areas. In addition, the EDR report stated that no violations were found with regards to the facility's Conditionally Exempt Small Quantity Generator (CESQG) status. Based on a visual inspection, it appears that hazardous waste is being handled properly and the storage of these relatively small quantities does not appear to pose environmental threat to the subject property at this time.

7.4 STORAGE TANKS

7.4.1 On-Site Aboveground Storage Tank (AST)/ Underground Storage Tank (UST) Systems

A visual inspection was undertaken to locate any Aboveground Storage Tanks (ASTs) or Underground Storage Tanks (USTs) on the site. Evidence of USTs, including vent pipes, fill pipes, concrete pads, and access ways were investigated. Based on a visual inspection and an interview with SFC. Bedient of the 81st RRC, there are no USTs currently located on the site. One 600 gallon coated – steel, dump in delivery system AST was located in the POL storage building.

7.4.2 Off-Site AST/UST Systems

A visual inspection did not reveal any ASTs or USTs on properties adjacent to the subject site.

7.5 OIL WATER SEPARATORS

One oil water separators (OWS) was identified on the subject property during the site reconnaissance at the wash rack.

The wash rack is an approximately 800 sqf covered structure adjacent to the OMS Building. The wash rack has been upgraded and covered. The floor was raised to prevent storm water runoff flowing to the OWS. See photo at Attachment C.

7.6 TRANSFORMERS AND PCB-CONTAINING EQUIPMENT

Polychlorinated biphenyls (PCBs) were produced in the United States from 1929 to 1979, primarily for use as insulating material in electrical equipment such as transformers and lighting ballasts. Although PCBs are no longer being manufactured, electrical transformers and lighting ballasts containing PCBs may still be in service.

Reconnaissance of the subject property noted three pole-mounted transformers on one pole on the subject property. The pole is behind the Admin Building. There is one on a pole in front of the Main Reserve Center, and three on a pole behind the north corner of the Main Reserve Center. The box transformer is located on the south side of the wash rack. All transformers noted were in good condition. The Facility Manager has a letter from Alabama Power that states the transformers are non-PCB. The power company will assume responsibility for the proper clean up and disposal of oil material regardless of PCB content. Since the transformers are owned by Alabama Power, they bear the responsibility for the remediation of contaminated soil should it become necessary due to fluid leakage. Alabama Power should be notified of apparent leakage from any of the transformers so that appropriate measures may be taken.

7.7 RADON

According to the EPA Radon Zone for Montgomery County, areas tested were classified in Zone 2. Average activity for the 1st level living area was reported as 1.400pCi/L. The average activity for basements and the second floor level was not reported. See Attachment H. Based on these results, radon is not considered to pose an environmental threat to the subject property.

7.8 ASBESTOS CONTAINING MATERIAL

An Asbestos Building Survey was prepared for the facility in 2001 (Attachment E). Non-friable Asbestos Containing Materials (ACMs) were identified in the OMS shop flooring. The asbestos-containing materials at the site were in good condition and could be managed in place through a properly established operations and maintenance program.

7.9 LEAD-BASED PAINT

A Lead-Based Paint survey has not been conducted and is not required.

7.10 LEAD DUST

The facility has never had an indoor firing range.

7.11 UNEXPLODED ORDNANCE

No indications were found during the site reconnaissance or records review to indicate the presence of unexploded ordnance at the site.

7.12 RADIOACTIVE COMMODITIES

No radioactive commodities were stored at the site at the time of the site reconnaissance, except a small cell in a radiation detection device.

SECTION 8.0
ELECTRONIC DATABASE SEARCH AND REGULATORY REVIEW

An electronic database search of environmental records for the subject site and surrounding properties was prepared by EDR. EDR focused on searching federal and state environmental databases and historical and current land uses to identify sites of potential environmental concern with addresses in the areas immediately surrounding the subject site. The complete report can be found at Attachment H.

Based on a review of the 7.5-minute U.S.G.S. topographic map and the GeoCheck® report, groundwater flow in the vicinity of the subject site is toward the west. It should be noted that this groundwater flow direction is not known with certainty and cannot be determined without the installation of additional monitoring wells and/or piezometers on the subject property.

Nine other facilities were identified by the EDR database search as being within the ASTM-specified radii of the site. The surrounding facilities are discussed below:

FEDERAL ASTM STANDARD

RCRIS: Resource Conservation and Recovery Information System. RCRIS 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 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.

A review of the RCRIS-SQG list, as provided by EDR, and dated 08/10/2004 has revealed that there are 3 RCRIS-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
AMERICAN LUBEFAST LLC	*4131 ATLANTA HIGHWAY*	*1/8 - 1/4 E*	*7*	*11*
Lower Elevation	**Address**	**Dist / Dir**	**Map ID**	**Page**
PENSKE AUTO CENTER	*4041 ATLANTA HWY*	*0 - 1/8 NW*	*A2*	*6*
EXXON CO USA # 50556	*4100 ATLANTA HIGHWAY*	*0 - 1/8 ESE*	*B6*	*11*

STATE ASTM STANDARD

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Management's Leaking Underground Storage Tank Listing.

A review of the LUST list, as provided by EDR, and dated 08/11/2004 has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
SPECTRUM #28	4291 ATLANTA HWY	1/4 - 1/2 E	10	14

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

A review of the UST list, as provided by EDR, and dated 07/01/2004 has revealed that there are 5 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
GREENWOOD CEMETERY	PO BOX 3175 HIGHLAND AV	0 - 1/8 NNW	4	7

Lower Elevation	Address	Dist / Dir	Map ID	Page
KMART #3132	4041 ATLANTA HWY	0 - 1/8 NW	A3	7
BEE LINE #646	4100 ATLANTA HWY	0 - 1/8 ESE	B5	8
ZIPPY MART AL 626	18 PERRY HILL RD	1/8 - 1/4 W	8	12
GULF SERVICE STATION #307918	3893 ATLANTA HWY	1/8 - 1/4 WNW	9	12

SECTION 9.0
CONCLUSIONS/RECOMMENDATIONS

9.1 CONCLUSIONS

Bregman & Company Inc. prepared this EBS for the 81st RRC for BG William P. Screws USARC (AL037), 4050 Atlanta Highway, Montgomery County, Montgomery Alabama. This EBS was developed in general conformance with the scope and limitations of ASTM Designation D6008-96, ASTM Designation E1527-00, and Army Regulation 200-1, and generally recognized industry practices.

Based on the investigation detailed in the attached report, Bregman & Company Inc. identified two environmental concerns that could potentially pose threats to the environmental integrity of the site.

Environmental Concerns

- Asbestos Containing Materials. An Asbestos Building Survey were prepared for the subject property in December of 2001. This surveys findings were as follows.
    - Building 2 (OMS): Confirmed non-friable ACBM in the form of sheet flooring and floor tile were found in the building.
- Adjacent Properties. One Leaking Underground Storage Tank (LUST) within ½ mile, however it is down slope, 5 Underground Storage Tanks (UST) within ¼ mile, and three RCRIS within 1/8 mile.

Environmental Condition of Property

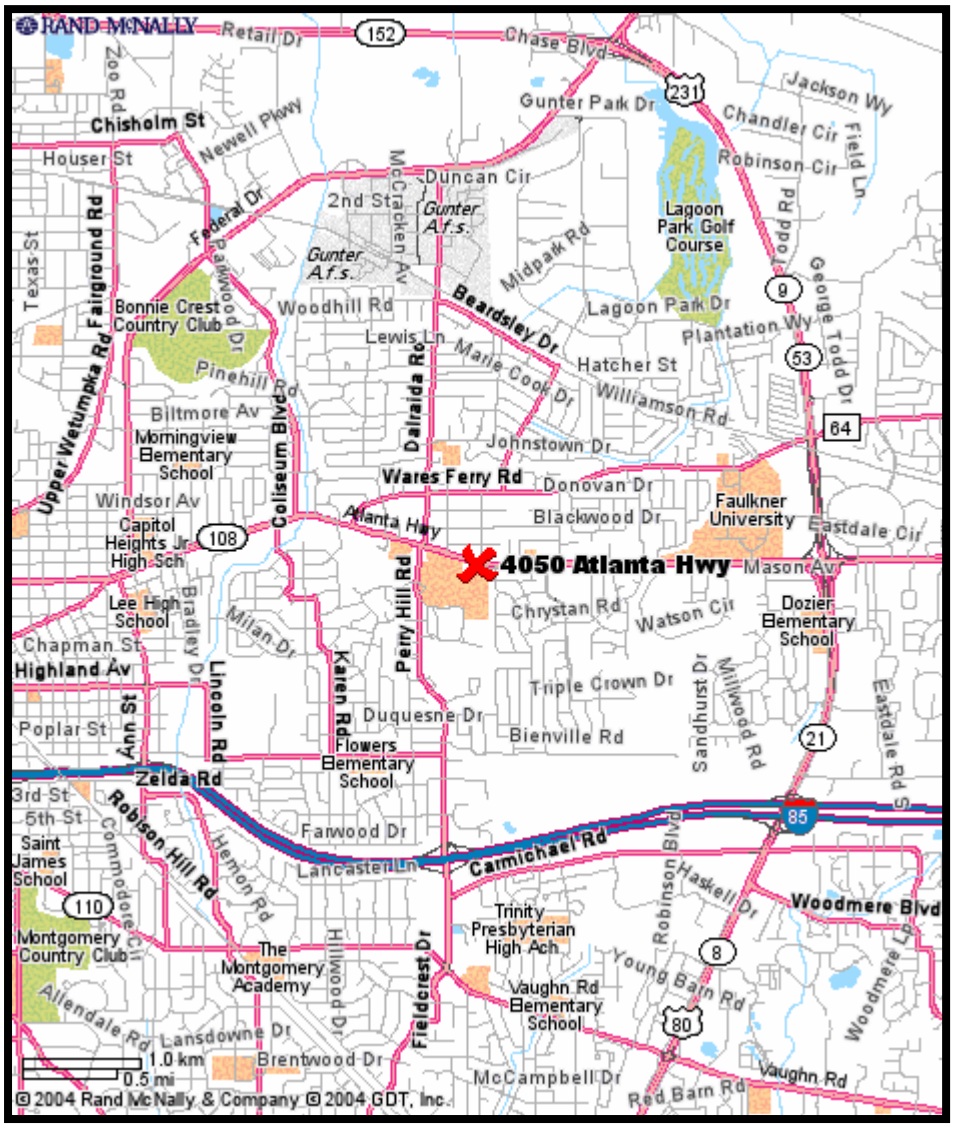
This EBS classifies the subject property into one of seven DOD Environmental Condition of Property (ECP) categories as defined by ASTM Designation D5746-98 (2002), *Standard Classification of Environmental Condition of Property Area Types for Defense Base Closure and Realignment Facilities.* Property classification categories are defined in Section 2.3 of this EBS.

- ECP Area Type 3: An area or parcel of real property where release, disposal, or migration, or some combination thereof, of hazardous substances has occurred, but at concentrations that do not require a removal or remedial action.

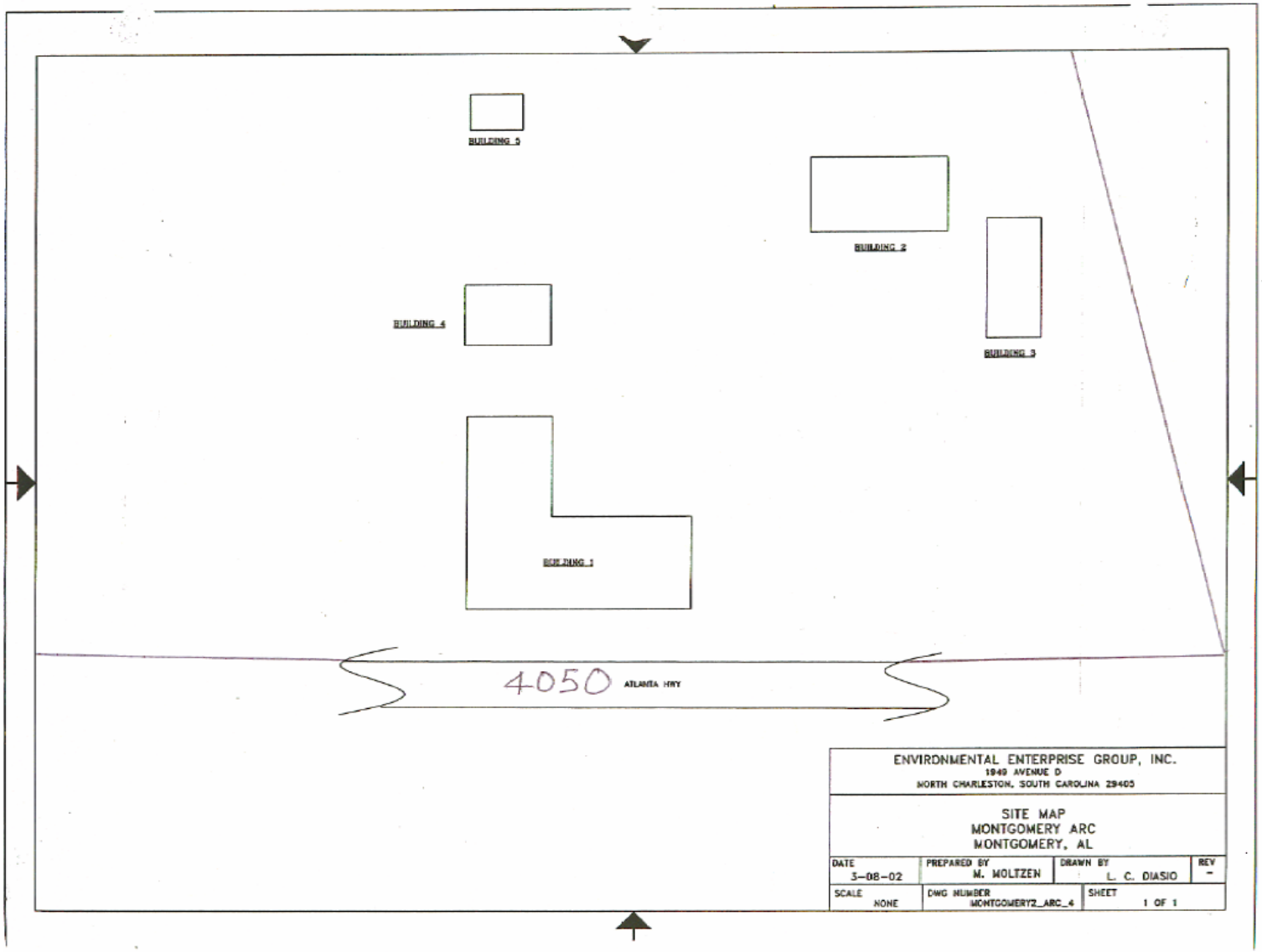
9.2 RECOMMENDATIONS

The facility has neither created nor experienced any adverse environmental impacts therefore, Bregman & Company Inc. has no recommendations.

ATTACHMENT A
Site Location Map


RAND MCNALLY
4050 Atlanta Hwy
Retail Dr
152
Chase Blvd
231
Jackson Wy
Chandler Cir
Field Ln
Robinson Cir
Gunter Park Dr
Chisholm St
Houser St
Newell Pkwy
Zoo Rd
Duncan Cir
2nd St
McCracken Av
Gunter A.f.s.
Federal Dr
Parkwood Dr
Texas St
Fairground Rd
Upper Wetumpka Rd
Bonnie Crest Country Club
Woodhill Rd
Midpark Rd
Lagoon Park Golf Course
Lagoon Park Dr
Plantation Wy
George Todd Dr
9
53
64
Beardsley Dr
Lewis Ln
Marie Cook Dr
Hatcher St
Williamson Rd
Pinehill Rd
Biltmore Av
Morningview Elementary School
Coliseum Blvd
Dalraida Rd
Johnstown Dr
Wares Ferry Rd
Donovan Dr
Windsor Av
Capitol Heights Jr High Sch
108
Atlanta Hwy
Blackwood Dr
Faulkner University
Eastdale Cir
Mason Av
Lee High School
Bradley Dr
Milan Dr
Perry Hill Rd
Chrystan Rd
Watson Cir
Dozier Elementary School
Chapman St
Highland Av
Lincoln Rd
Karen Rd
Triple Crown Dr
Willwood Rd
Sandhurst Dr
Eastdale Rd S
Poplar St
Ann St
Duquesne Dr
Bienville Rd
21
Flowers Elementary School
Zelda Rd
3rd St
5th St
Robison Hill Rd
Farwood Dr
85
Carmichael Rd
Saint James School
Lancaster Ln
Vernon Rd
Commodore Ct
Robinson Blvd
Haskell Dr
Woodmere Blvd
110
Trinity Presbyterian High Ach
Montgomery Country Club
The Montgomery Academy
Hillwood Dr
Fieldcrest Dr
Young Barn Rd
8
Woodmere Dr
Allendale Rd
Lansdowne Dr
Vaughn Rd Elementary School
80
Brentwood Dr
McCampbell Dr
Red Barn Rd
Vaughn Rd
1.0 km
0.5 mi
© 2004 Rand McNally & Company © 2004 GDT, Inc.

ATTACHMENT B
Site Sketch And Floor Plans



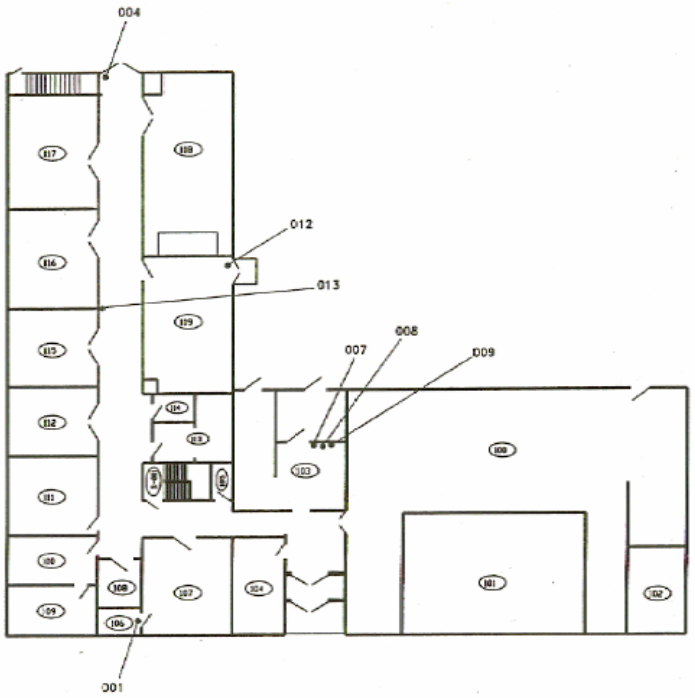
ENVIRONMENTAL ENTERPRISE GROUP, INC.
1949 AVENUE D
NORTH CHARLESTON, SOUTH CAROLINA 29405

SITE MAP
MONTGOMERY ARC
MONTGOMERY, AL

DATE	PREPARED BY	DRAWN BY	REV
3-08-02	M. MOLTZEN	L. C. DIASIO	-
SCALE: NONE	DWG NUMBER: MONTGOMERY2_ARC_4	SHEET: 1 OF 1	

ACM LOCATION

- No ACM detected.



BUILDING 1, FIRST FLOOR

LEGEND

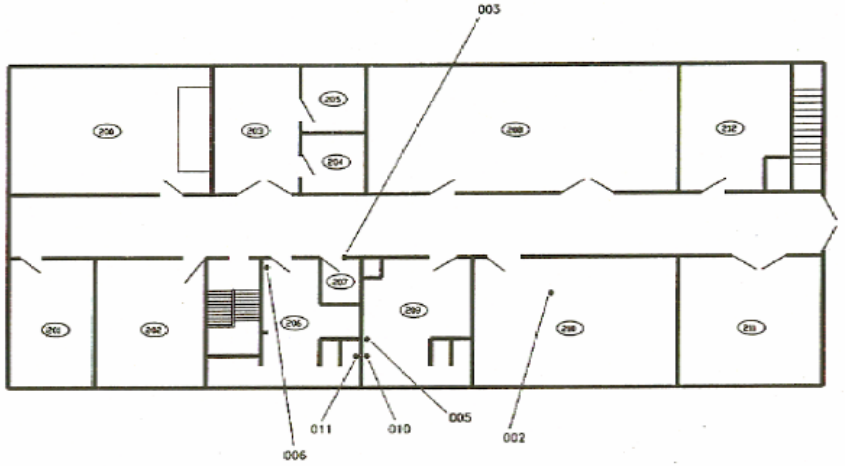
(XXX) — Indicates unique room number assigned by inspector

XXX — Indicates sample locations which tested positive for asbestos

ENVIRONMENTAL ENTERPRISE GROUP, INC. 1949 AVENUE D NORTH CHARLESTON, SOUTH CAROLINA 29405	
SAMPLE LOCATIONS BUILDING 1, FIRST FLOOR MONTGOMERY ARC, MONTGOMERY, AL	
DATE: 3-8-01	PREPARED BY: M. MOLTZEN
DRAWN BY: L. C. DIASIO	REV: -
SCALE: NONE	DWG NUMBER: MONTGOMERY2_ARC_1
SHEET: 1 OF 1	

ACM LOCATION

- No ACM detected.

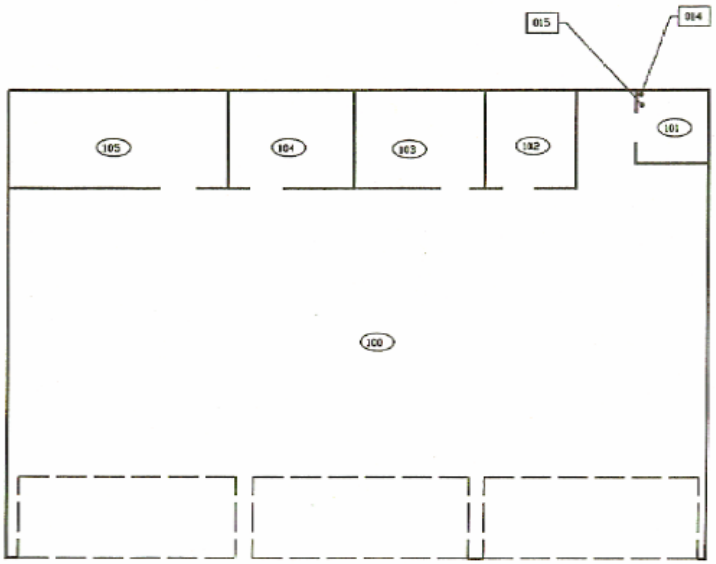


BUILDING 1, SECOND FLOOR

ENVIRONMENTAL ENTERPRISE GROUP, INC. 1949 AVENUE D NORTH CHARLESTON, SOUTH CAROLINA 29405			
SAMPLE LOCATIONS BUILDING 1, SECOND FLOOR MONTGOMERY ARC, MONTGOMERY, AL			
DATE 3-8-02	PREPARED BY: M. MOLTZEN	DRAWN BY: L. C. DIASIO	REV -
SCALE NONE	DWG NUMBER MONTGOMERY2_ARC_2	SHEET 1 OF 1	

ACM LOCATION

- Light green sheet flooring (linoleum) in Room 101 (H-6).
- Assumed 9" green floor tile and mastic in Room 101 (under H-6 sheet flooring) (H-7).



BUILDING 2
MAINTENANCE BUILDING

LEGEND

(000) — Indicates unique room number assigned by inspector

XXX — Indicates sample locations which tested positive for asbestos

ENVIRONMENTAL ENTERPRISE GROUP, INC.
1949 AVENUE D
NORTH CHARLESTON, SOUTH CAROLINA 29405

SAMPLE LOCATIONS
BUILDING 2
MONTGOMERY ARC, MONTGOMERY, AL

DATE	PREPARED BY:	REV
11-20-01	L. C. DIASIO	-

SCALE	DWG NUMBER	SHEET
NONE	MONTGOMERY2_ARC_3	1 OF 1

ATTACHMENT C
Photographs

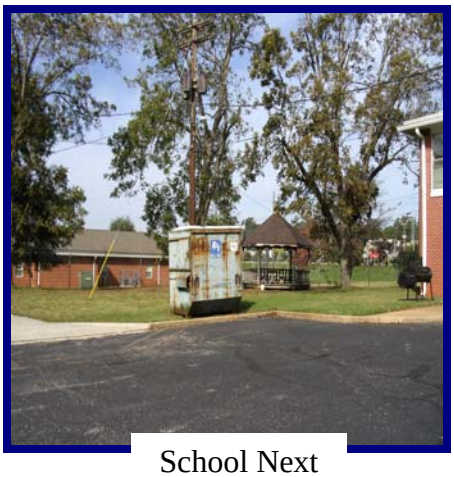
OWS

Wash Rack

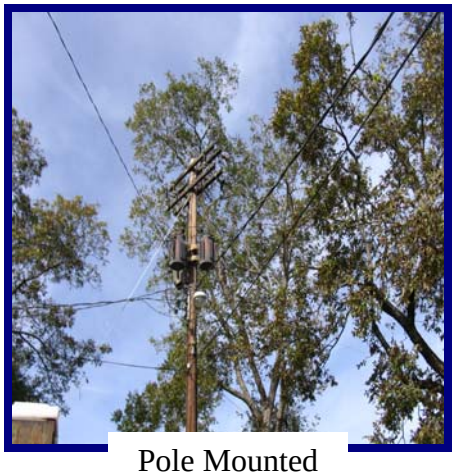
Wash Rack
Floor

Perimeter
Fence

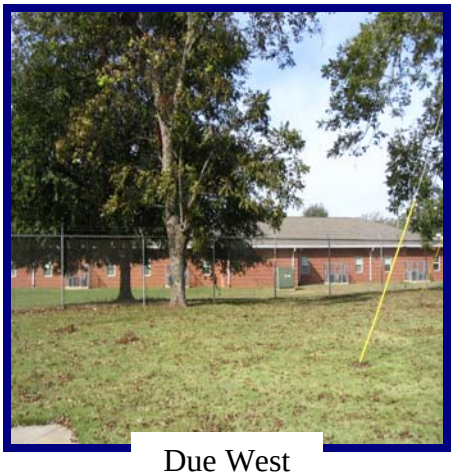
Maintenance
Shop Storage



School Next
To Property



Pole Mounted
Transformers



Due West
School

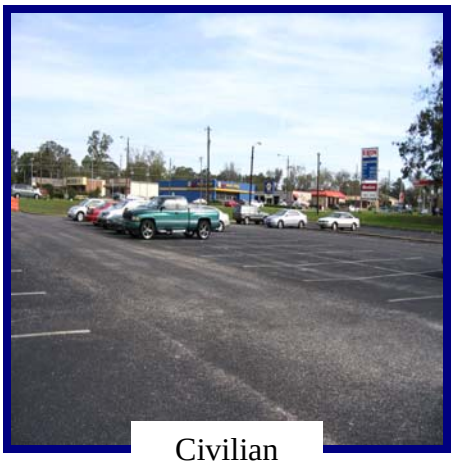
Interior Metal
Storage Shed

Haz. Mat. Locker

Rear of Admin Building

Storage Area

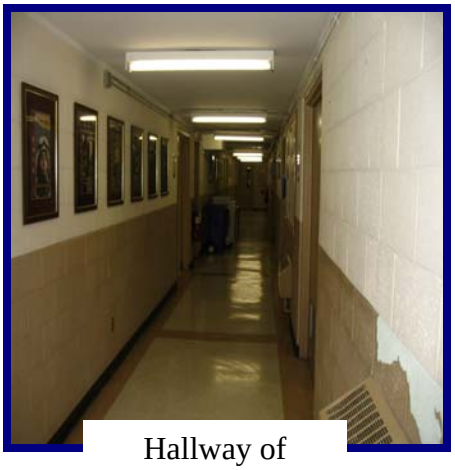
Military Parking



Civilian Parking

Small Storage Building

Classroom



Hallway of Admin Building

Facility Managers Office

Drill Hall

ATTACHMENT D

Record of Communication

Record of Communication

Date:	November 1, 2004
Job No.	463-032
Client:	81st RRC
Recorded By:	Sheppard N. Moore
Talked With:	SFC Raul F. Santiago, Facility Manager
Of:	361st Qm Bn (ws)
Nature of Interview:	On-Site Survey
Phone No.:	334-224-5653
Fax No.:	334-244-5638

Items Discussed

Units Assigned. Toured site.

ATTACHMENT E
Site Environmental Documents

Appendix H-2

HAZARDOUS MATERIAL/HAZARDOUS WASTE INVENTORY RCS: RCEN81-002
FOR USE OF THIS FORM, SEE 81ST RSC REGULATION 200-1, THE PROPONENT AGENCY IS DCSENGR

FAC ID (NC###) WSRRAA AL037 DATE 10 JULY 04

LOCATION (ONSITE) 4050 ATLANTA HWY Motor Pool UNIT/ACTIVITY 361st SPT BN

UNIT DODAC NUMBER W81WXD EPA ID NUMBER

DESCRIPTION	NSN/CAS/BRAND NAME	QUANTITY	GAL/LBS	TOTAL
Brake Fluid	9150-01-102-9455	4 EA	GAL	4 GAL
Detergent General	7930-00-068-1669	1 EA	GAL	1/2 GAL
Cleaning Compound	6850-00-926-2275	4 EA	PINT	4 PINT
Glass Cleaner	7930-00-184-9423	3 EA	GAL	3 GAL
Cleaner Lubricant	9150-01-053-6688	6 EA	GAL	6 GAL
Cleaner Lubricant	9150-01-102-1473	100 EA	FL OZ	100 OZ
Lubricatining Oil	9150-00-935-6597	48 EA	FL OZ	48 OZ
Cleaning Compound	6850-00-826-2156	4 EA	GAL	4 GAL
Antifreeze	6850-00-181-7933	2 EA	GAL	10 GAL
Hydraulic Fluid	9150-00-657-4959	1 EA	GAL	5 GAL
Polyurethane	8010-01-229-7542	1 EA	GAL	1 GAL
Lubricating Oil 15/40	9150-01-352-2962	2 EA	GAL	2 GAL
Lubricating Oil 15/40	9150-00-186-6705	3 EA	QT	3 QT
Lubricating Oil 5/30	9150-00-186-6699	1 EA	QT	1 QT
Spray Paint Flat Black	8010-01-331-6108	2 EA	PT	2 PT

Location on site is the storage area at the facility where the item(s) is stored. This storage area should appear on an attached site map. If no NSN or CAS Number is available, then a description should include the brand name, address of the manufacturer, and color, etc. Quantity - number of containers on hand. Gal/Lbs - size/volume/weight of the container. Total - product of Quantity & Gal/Lbs (Quantity x Gal/Lbs).

81st RSC Form 6-R, Nov 01

Appendix H-2

HAZARDOUS MATERIAL/HAZARDOUS WASTE INVENTORY RCS: RCEN81-002

FOR USE OF THIS FORM, SEE 81ST RSC REGULATION 200-1, THE PROPONENT AGENCY IS DCSENGR

FAC ID (NC###) W5RAA A1037 DATE 10 JULY 04

LOCATION (ONSITE) 4050 ATLANTA HWY MOTOR POOL UNIT/ACTIVITY 361ST SPT BN

UNIT DODAC NUMBER W81WXD EPA ID NUMBER

DESCRIPTION	NSN/CAS/BRAND NAME	QUANTITY	GAL/LBS	TOTAL
INSECTICIDE	6840-01-067-2137	1EA	OZ	11OZ
INSECTIDE PYRETHRIN	6840-00-823-7849	4EA	CANS	4
INSECTICIDE HOUSE	6840-00-180-6069	1EA	GAL	1GAL
WEAPONS OIL	9150-00-292-9689	12EA	QT	12
GREASE WEAPONS	9150-00-889-3522	10EA		10
PAPER SHREDDER OIL	7490-01-459-8264	5	OZ	5

Location on site is the storage area at the facility where the item(s) is stored. This storage area should appear on an attached site map. If no NSN or CAS Number is available, then a description should include the brand name, address of the manufacturer, and color, etc. Quantity - number of containers on hand. Gal/Lbs - size/volume/weight of the container. Total - product of Quantity & Gal/Lbs (Quantity x Gal/Lbs).

81st RSC Form 6-R, Nov 01

SPILL RESPONSE PROCEDURES

1. **PROTECT YOURSELF** - Wear adequate personal protection when responding to a spill. **CHECK THE MSDS FOR PROPER PROTECTION INFORMATION.** Identify the material spilled and wear the correct equipment such as those listed below:
   A. Proper Protective Gloves
   B. Proper Eye Protection
   C. Protective Apron
   D. Rubber Over Boots

2. **STOP THE FLOW** - Flow must be stopped or slowed for effective containment and to limit any possible contamination.
   A. Plug or patch a punctured container.
   B. Stand an overturned or tipped container upright.
   C. Close appropriate valves.

3. **CONTAIN THE SPILL** - The spilled substance must be contained within the immediate area to prevent flow to drains, drainage ditches, sewer systems, etc.
   A. Place non-reactive absorbent material such as Sorbent pads, sand, peat, vermiculite, Oil-Dry etc. on the spill.
   B. Block the spill from entering the storm water drainage system by constructing a dike around all points of entry. Use the Drain Blocker rubber mat to cover the drain, if available.
   C. If the spill is on the ground, clean it up immediately by digging up the contaminated soil, placing it in a proper container, and disposing of it properly.

4. **REPORT THE SPILL** - If the spill is beyond your control contact the **Fire Department at 911 Immediately,** then call 81st RSC, Environmental Area Manager at 334-244-5622.
If you can control the spill, you still must report it to the Environmental Area Manager, 81st RSC. Provide all pertinent information (submit Spill Report Form, 81st RSC Form 12-R (Appendix H-5) via fax to your local Environmental Area Manager/Staff Officer):
   A. Location of the spill.
   B. Substance spilled.
   C. Estimated amount spilled.
   D. Extent to which the spill has traveled.
   E. Any other pertinent information required in Spill Prevention Countermeasure Control Plan (SPCCP).

Ensure Environmental Area Manager and Environmental Coordinator are aware of spill:
Environmental Manager Scott Gardner Phone: 334-244-5622 / 334-324-0710
Work/~~Home~~Cell

Environmental Coordinator MSG Kirk O'Guinn Phone: 334-244-5654
Work/Home

OTHER EMERGENCY NUMBERS:
Police: 911 Emergency Medical Service: 911
Hospital: 911 Poison Control Center: 1-800-222-1222

Figure 5-1. Spill Response Procedures

Post Office Box 2641
Birmingham, Alabama 35291

ALABAMA POWER
A SOUTHERN COMPANY

August 23, 2004

MSG Kirk Oguinn
Department of the Army
Headquarters, 361ST Quartermaster Battalion (WS)
4050 Atlanta Highway
Montgomery, Alabama 36109-2998

Dear Mr. Oguinn:

We have received a request for information pertaining to the PCB content of the transformers serving the United States Army Reserve Center located at 4050 Atlanta Highway in Montgomery, Alabama. Alabama Power Company has identified the transformers serving the facility. When the PCB content is unknown, we are required to **assume**, for regulatory purposes, that the units contain PCBs in the range of 50 to less than 500 ppm PCB, i. e., PCB-contaminated. The Environmental Protection Agency has authorized that units in the PCB-contaminated category may remain in service for their useful lives. The reference to 40 CFR 761.30 (a)(1)(vii) is required for PCB transformers, containing PCBs 500 ppm or greater. In the event of a spill from this equipment, the cleanup will be managed in accordance with the federal PCB Spill Cleanup Policy.

If you have any questions, please contact me at (205) 257-3667.

Sincerely,

Gwen Taylor

Gwen Taylor
Environmental Specialist

The following documents were used in the preparation of this survey. They are located on the 81st RRC Server:

AL037 ASBESTOS SURVEY MAR02

AL037 ECAS

AL037 ENV CONSIDER RECORDS 1999-2003

AL037 ICAS 8APR99

AL037 UST 21MAR94

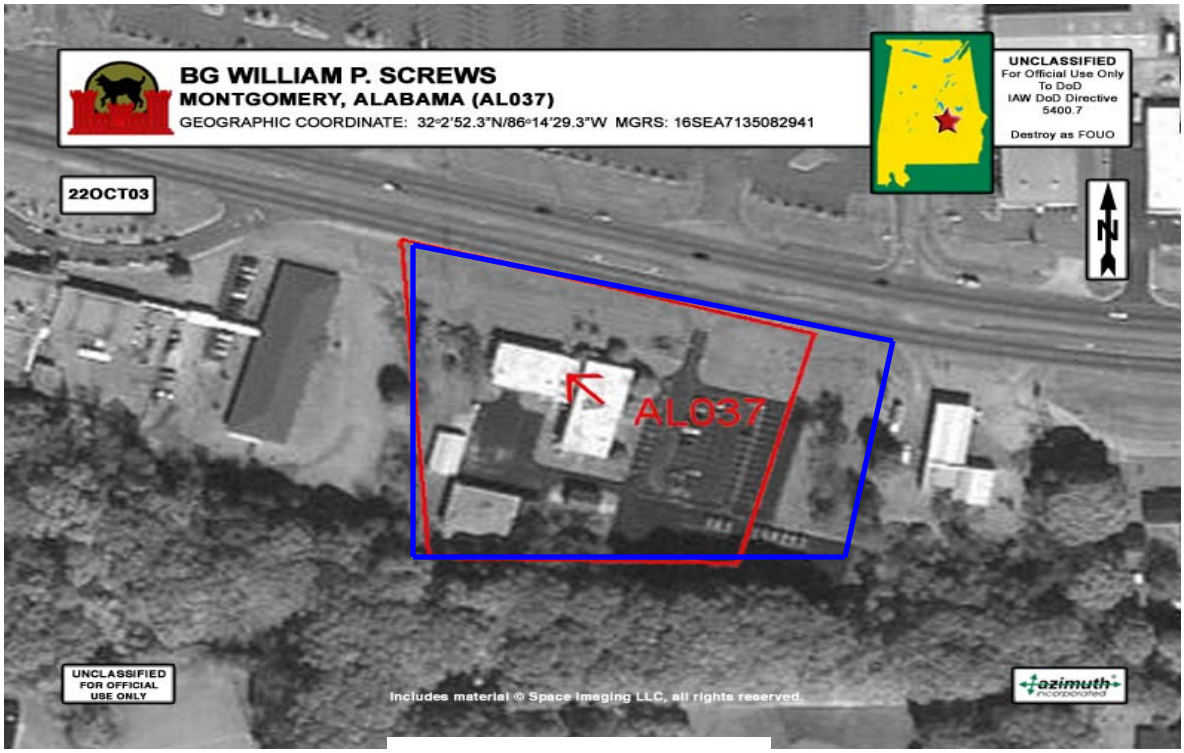
AL037 UST 29SEP94

AL037 UST CLOSURE REPORT 18DEC92

AL037 UST NFA 13MAR98

AL037 WASH RACK AAR 28JUN97

ATTACHMENT F
Aerial Photographs

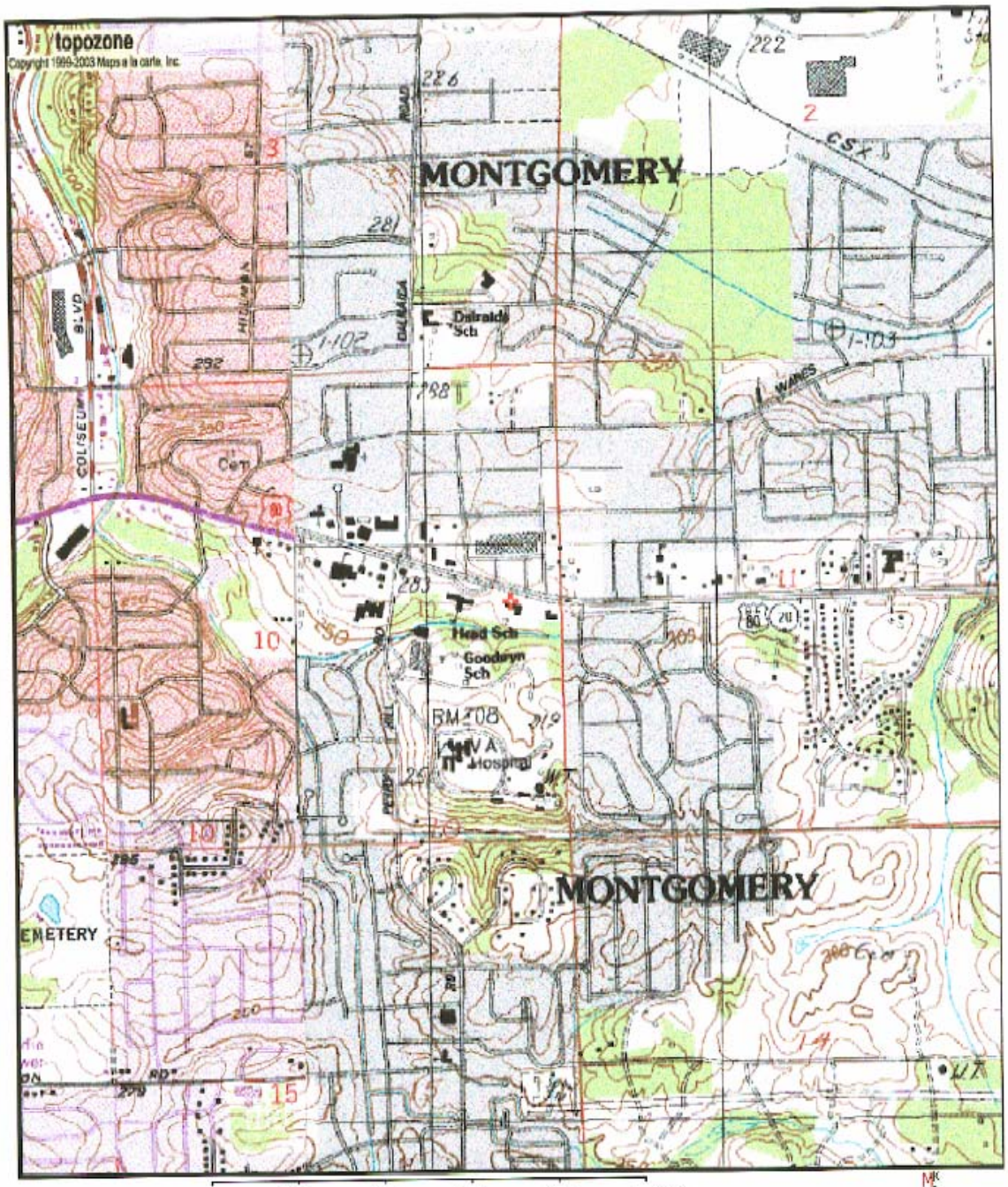


Actual Property Lines
In Blue

The historical aerial photographs are on the disk separately. They are labeled 1978, 1987, and1997.

Actual Property
Line In Blue

ATTACHMENT G
USGS Topographic Quadrangle



Map center is 32.3820°N, 86.2422°W (WGS84/NAD83)
Willow Springs quadrangle
Projection is UTM Zone 16 NAD83 Datum

M=-2.478
G=0.406

ATTACHMENT H
EDR Database Report

The EDR Database Report was e-mailed separately.

UNITED STATES ARMY RESERVE
81ST REGIONAL READINESS COMMAND

US Army Reserve Center
Montgomery, Alabama
(AL034)

INVESTIGATIONAL SOIL SAMPLING REPORT

FINAL REPORT

Conducted by:

EEG, INC.
10179 Highway 78
Ladson, SC 29456
(843) 879-0400

August 2006

US ARMY RESERVE CENTER - MONTGOMERY, AL
SOIL SAMPLING REPORT

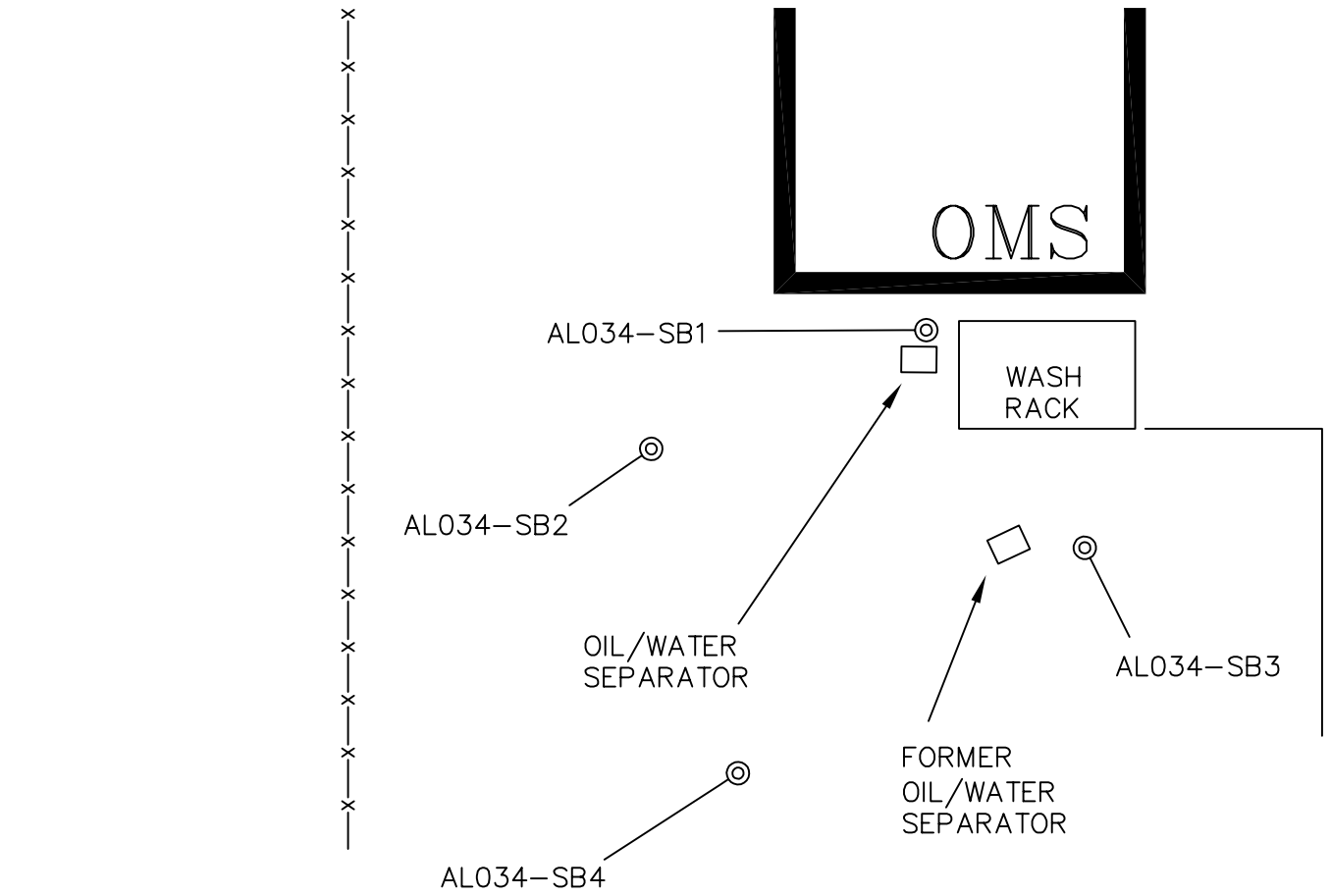
Environmental Enterprise Group, Inc. was requested by the 81st Regional Readiness Command to take soil samples at the Army Reserve Center located in Montgomery, Alabama (AL034). These samples are for informational purposes to determine presence or absence of soil contaminants. Samples were to be analyzed for the presence of hydrocarbons (Hexane Extractable Material) at the existing oil/water separator (OWS) located near the vehicle wash rack and the former oil/water separator located east of the wash rack. Soil bores were marked on the west side and the south side of the current OWS and on the north and south side of the former OWS. Samples were taken at various depths for comparable data.

Weather was hot and humid with an approximate temperature of 96 degrees. Soil Bore 1 was located approximately 3 feet west of the current OWS and was sampled at 3, 6, and 11-foot depths. Soil Bore 2 was located approximately 12 feet south of the current OWS and sampled at 3, 6, and 8-foot depths. Soil Bore 3 was located approximately 8 feet north of the former OWS and sampled at 3, 6, and 10-foot depths. Soil Bore 4 was located approximately 12 feet south of the former OWS and sampled at 3, 6, and 8-foot depths. Impenetrable soil layers or obstructions prevented deeper sampling with hand augers.

Readings in SB1 showed consistent levels on contamination and increased contamination in depths greater than 6 feet. SB2 results were similar with the 6-foot sample being slightly lower. Readings in SB3 were extremely high below the 6-foot mark. Readings in SB4 were extremely high in the first 3 feet and dramatically decreased down to 8 feet. See chart below for sample results. Figure 1 shows the soil sample locations and the laboratory results are attached to the end of this report.

Soil Sampling Results

Soil Bore **SB1** Results	Soil Bore **SB2** Results	Soil Bore **SB3** Results	Soil Bore **SB4** Results
Current OWS		Former OWS	
(oil & grease in mg/kg)	(oil & grease in mg/kg)	(oil & grease in mg/kg)	(oil & grease in mg/kg)
166 @ 3'	177 @ 3'	230 @ 3'	11,900 @ 3'
166 @ 6'	145 @ 6'	240 @ 6'	108 @ 6'
253 @ 11'	260 @ 8'	114,000 @ 10'	173 @ 8'



LEGEND

SAMPLE NUMBER AL034–XXX

SAMPLE LOCATION

Environmental Enterprise Group, Inc. **10179 Hwy 78** **Ladson SC 29456** **(843) 879-0400**		**FIGURE 1** **US ARMY RESERVE CENTER** **MONTGOMERY AL (AL034)** **OIL/WATER SEPARATOR** **SOIL SAMPLES**
SCALE: NTS	**DWG DATE:** 14-AUG-06	**DWG NAME:** 06AUG_MONTY034_OWS

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

August 09, 2006

Client: EEG - Env. Enterprise Group (2449)
10179 Highway 78
Ladson, SC 29456
Attn: Mark Moltzen

Work Order: NPG3339
Project Name: EEG - Env. Enterprise Group
Project Nbr: 06081 / OWS Soil Sampling 81st RRC
P/O Nbr:
Date Received: 07/26/06

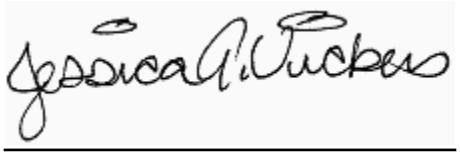
SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
AL034-SB1-001	NPG3339-01	07/24/06 12:44
AL034-SB1-002	NPG3339-02	07/24/06 12:54
AL034-SB1-003	NPG3339-03	07/24/06 13:15
AL034-SB2-001	NPG3339-04	07/24/06 13:45
AL034-SB2-002	NPG3339-05	07/24/06 13:55
AL034-SB2-003	NPG3339-06	07/24/06 14:10

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

South Carolina Certification Number: DW:84009002; Other:84009001

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

Report Approved By:



Jessica Vickers
Senior Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	EEG - Env. Enterprise Group (2449)	Work Order:	NPG3339
	10179 Highway 78	Project Name:	EEG - Env. Enterprise Group
	Ladson, SC 29456	Project Number:	06081 / OWS Soil Sampling 81st RRC
Attn	Mark Moltzen	Received:	07/26/06 08:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG3339-01 (AL034-SB1-001 - Soil) Sampled: 07/24/06 12:44								
General Chemistry Parameters								
Oil & Grease (non-polar)	**166**		mg/kg	48.8	1	08/04/06 09:28	SW846 9071B	6075130
Sample ID: NPG3339-02 (AL034-SB1-002 - Soil) Sampled: 07/24/06 12:54								
General Chemistry Parameters								
Oil & Grease (non-polar)	**166**		mg/kg	48.9	1	08/04/06 09:28	SW846 9071B	6075130
Sample ID: NPG3339-03 (AL034-SB1-003 - Soil) Sampled: 07/24/06 13:15								
General Chemistry Parameters								
Oil & Grease (non-polar)	**253**		mg/kg	48.7	1	08/04/06 09:28	SW846 9071B	6075130
Sample ID: NPG3339-04 (AL034-SB2-001 - Soil) Sampled: 07/24/06 13:45								
General Chemistry Parameters								
Oil & Grease (non-polar)	**177**		mg/kg	49.2	1	08/04/06 09:28	SW846 9071B	6075130
Sample ID: NPG3339-05 (AL034-SB2-002 - Soil) Sampled: 07/24/06 13:55								
General Chemistry Parameters								
Oil & Grease (non-polar)	**145**		mg/kg	48.3	1	08/04/06 09:28	SW846 9071B	6075130
Sample ID: NPG3339-06 (AL034-SB2-003 - Soil) Sampled: 07/24/06 14:10								
General Chemistry Parameters								
Oil & Grease (non-polar)	**260**		mg/kg	50.0	1	08/04/06 09:28	SW846 9071B	6075130

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	EEG - Env. Enterprise Group (2449)	Work Order:	NPG3339
	10179 Highway 78	Project Name:	EEG - Env. Enterprise Group
	Ladson, SC 29456	Project Number:	06081 / OWS Soil Sampling 81st RRC
Attn	Mark Moltzen	Received:	07/26/06 08:50

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
General Chemistry Parameters							
SW846 9071B	6075130	NPG3339-01	10.00	1.00	07/30/06 07:30	ACB	EPA 9071B-Soil
SW846 9071B	6075130	NPG3339-02	10.00	1.00	07/30/06 07:30	ACB	EPA 9071B-Soil
SW846 9071B	6075130	NPG3339-03	10.00	1.00	07/30/06 07:30	ACB	EPA 9071B-Soil
SW846 9071B	6075130	NPG3339-04	10.00	1.00	07/30/06 07:30	ACB	EPA 9071B-Soil
SW846 9071B	6075130	NPG3339-05	10.00	1.00	07/30/06 07:30	ACB	EPA 9071B-Soil
SW846 9071B	6075130	NPG3339-06	10.00	1.00	07/30/06 07:30	ACB	EPA 9071B-Soil

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	EEG - Env. Enterprise Group (2449)	Work Order:	NPG3339
	10179 Highway 78	Project Name:	EEG - Env. Enterprise Group
	Ladson, SC 29456	Project Number:	06081 / OWS Soil Sampling 81st RRC
Attn	Mark Moltzen	Received:	07/26/06 08:50

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
General Chemistry Parameters						
6075130-BLK1						
Oil & Grease (non-polar)	<41.9		mg/kg	6075130	6075130-BLK1	08/04/06 09:28

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	EEG - Env. Enterprise Group (2449)	Work Order:	NPG3339
	10179 Highway 78	Project Name:	EEG - Env. Enterprise Group
	Ladson, SC 29456	Project Number:	06081 / OWS Soil Sampling 81st RRC
Attn	Mark Moltzen	Received:	07/26/06 08:50

PROJECT QUALITY CONTROL DATA

Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters									
6075130-DUP1									
Oil & Grease (non-polar)	217	159		mg/kg	31	50	6075130	NPG3335-01	08/04/06 09:28

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	EEG - Env. Enterprise Group (2449)	Work Order:	NPG3339
	10179 Highway 78	Project Name:	EEG - Env. Enterprise Group
	Ladson, SC 29456	Project Number:	06081 / OWS Soil Sampling 81st RRC
Attn	Mark Moltzen	Received:	07/26/06 08:50

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
General Chemistry Parameters								
6075130-BS1								
Oil & Grease (non-polar)	2000	2060		mg/kg	103%	70 - 130	6075130	08/04/06 09:28

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	EEG - Env. Enterprise Group (2449)	Work Order:	NPG3339
	10179 Highway 78	Project Name:	EEG - Env. Enterprise Group
	Ladson, SC 29456	Project Number:	06081 / OWS Soil Sampling 81st RRC
Attn	Mark Moltzen	Received:	07/26/06 08:50

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
General Chemistry Parameters										
6075130-MS1										
Oil & Grease (non-polar)	217	2130		mg/kg	2000	96%	38 - 149	6075130	NPG3335-01	08/04/06 09:28

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	EEG - Env. Enterprise Group (2449)	Work Order:	NPG3339
	10179 Highway 78	Project Name:	EEG - Env. Enterprise Group
	Ladson, SC 29456	Project Number:	06081 / OWS Soil Sampling 81st RRC
Attn	Mark Moltzen	Received:	07/26/06 08:50

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	South Carolina
SW846 9071B	Soil	N/A	X	X

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division

COOLER RECEIPT FORM **BC#** NPG3339

Cooler Received/Opened On: 7/26/2006 8:50

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 5886

FED-EX

Temperature of representative sample or temperature blank when opened: 6-0 **Degrees Celsius**
(indicate IR Gun ID#)

101507

3. Were custody seals on outside of cooler?..... YES....NO....NA

   a. If yes, how many and where: 2 Front

4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA

5. Were custody papers inside cooler?..... YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (intial)..... WS

6. Were custody seals on containers: YES NO and Intact YES NO NA

   were these signed, and dated correctly?..... YES...NO...NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert Plastic bag Paper Other_____ None

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA

11. Did all container labels and tags agree with custody papers?..... YES...NO...NA

12. a. Were VOA vials received?..... YES...NO...NA

    b. Was there any observable head space present in any VOA vial?..... YES...NO...NA

I certify that I unloaded the cooler and answered questions 6-12 (intial)..... K

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...NA

    b. Did the bottle labels indicate that the correct preservatives were used..... YES...NO...NA

    If preservation in-house was needed, record standard ID of preservative used here_____

14. Was residual chlorine present?..... YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (intial)..... RRS

15. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA

16. Did you sign the custody papers in the appropriate place?..... YES...NO...NA

17. Were correct containers used for the analysis requested?..... YES...NO...NA

18. Was sufficient amount of sample sent in each container?..... YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (intial)..... RRS

I certify that I attached a label with the unique LIMS number to each container (intial)..... RRS

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO #_____

(4 4oz-SGT ON jars)

BIS = Broken in shipment
Cooler Receipt Form

Revised 3/9/06

MONTGOMERY

TestAmerica INCORPORATED

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring: _____

Client Name: EEG Client #: 2449
Address: 10179 HWY 78
City/State/Zip Code: LADSON, SC 29456
Project Manager: MA MOLTZEN
Telephone Number: 843 412-2086 Fax: 843 879-0401
Sampler Name: (Print Name) MARK A MOLTZEN
Sampler Signature: Mark A Moltzen

Project Name: OWS SOIL SAMPLING 81ST RRC
Project #: 06081
Site/Location ID: MONTGOMERY (AL034) State: AL
Report To: MOLTZEN@EEGINC.Net
Invoice To:
Quote #: PO#:

TAT: X Standard; ___ Rush (surcharges may apply)
Date Needed: _____
Fax Results: Y N

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: TPH (OIL & GREASE)	NPG3339 08/09/06 23:59	QC Deliverables: ___ None, ___ Level 2 (Batch QC), ___ Level 3, ___ Level 4, Other: _____ REMARKS
AL034-SB1-001	7/24/06	1244	G		S								X		3'
AL034-SB1-002	7/24/06	1254	G		S								X		6'
AL034-SB1-003	7/24/06	1315	G		S								X		11'
AL034-SB2-001	7/24/06	1345	G		S								X		3'
AL034-SB2-002	7/24/06	1355	G		S								X		6'
AL034-SB2-003	7/24/06	1410	G		S								X		8'

Special Instructions:

Relinquished By: Mark A Moltzen	Date: 7/25/06	Time: 1645	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date: 7/26/06	Time: 8:30

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp:
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

August 09, 2006

Client: EEG - Env. Enterprise Group (2449)
10179 Highway 78
Ladson, SC 29456
Attn: Mark Moltzen

Work Order: NPG3340
Project Name: EEG - Env. Enterprise Group
Project Nbr: 06081 / OWS Soil Sampling 81st RRC
P/O Nbr:
Date Received: 07/26/06

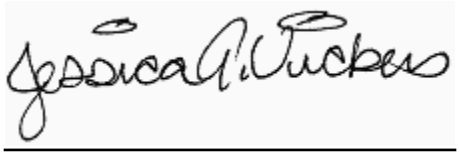
SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
AL034-SB3-001	NPG3340-01	07/24/06 14:30
AL034-SB3-002	NPG3340-02	07/24/06 14:43
AL034-SB3-003	NPG3340-03	07/24/06 15:00
AL034-SB4-001	NPG3340-04	07/24/06 15:15
AL034-SB4-002	NPG3340-05	07/24/06 15:25
AL034-SB4-003	NPG3340-06	07/24/06 15:43

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

South Carolina Certification Number: DW:84009002; Other:84009001

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

Report Approved By:



Jessica Vickers
Senior Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	EEG - Env. Enterprise Group (2449)	Work Order:	NPG3340
	10179 Highway 78	Project Name:	EEG - Env. Enterprise Group
	Ladson, SC 29456	Project Number:	06081 / OWS Soil Sampling 81st RRC
Attn	Mark Moltzen	Received:	07/26/06 08:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPG3340-01 (AL034-SB3-001 - Soil) Sampled: 07/24/06 14:30								
General Chemistry Parameters								
Oil & Grease (non-polar)	**230**		mg/kg	50.0	1	08/04/06 09:28	SW846 9071B	6075130
Sample ID: NPG3340-02 (AL034-SB3-002 - Soil) Sampled: 07/24/06 14:43								
General Chemistry Parameters								
Oil & Grease (non-polar)	**240**		mg/kg	48.1	1	08/04/06 09:28	SW846 9071B	6075130
Sample ID: NPG3340-03 (AL034-SB3-003 - Soil) Sampled: 07/24/06 15:00								
General Chemistry Parameters								
Oil & Grease (non-polar)	**114000**		mg/kg	48.7	1	08/04/06 09:28	SW846 9071B	6075130
Sample ID: NPG3340-04 (AL034-SB4-001 - Soil) Sampled: 07/24/06 15:15								
General Chemistry Parameters								
Oil & Grease (non-polar)	**11900**		mg/kg	48.5	1	08/04/06 09:28	SW846 9071B	6075130
Sample ID: NPG3340-05 (AL034-SB4-002 - Soil) Sampled: 07/24/06 15:25								
General Chemistry Parameters								
Oil & Grease (non-polar)	**108**		mg/kg	49.1	1	08/04/06 09:28	SW846 9071B	6075130
Sample ID: NPG3340-06 (AL034-SB4-003 - Soil) Sampled: 07/24/06 15:43								
General Chemistry Parameters								
Oil & Grease (non-polar)	**173**		mg/kg	47.9	1	08/04/06 09:28	SW846 9071B	6075130

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	EEG - Env. Enterprise Group (2449)	Work Order:	NPG3340
	10179 Highway 78	Project Name:	EEG - Env. Enterprise Group
	Ladson, SC 29456	Project Number:	06081 / OWS Soil Sampling 81st RRC
Attn	Mark Moltzen	Received:	07/26/06 08:50

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
General Chemistry Parameters							
SW846 9071B	6075130	NPG3340-01	10.00	1.00	07/30/06 07:30	ACB	EPA 9071B-Soil
SW846 9071B	6075130	NPG3340-02	10.00	1.00	07/30/06 07:30	ACB	EPA 9071B-Soil
SW846 9071B	6075130	NPG3340-03	10.00	1.00	07/30/06 07:30	ACB	EPA 9071B-Soil
SW846 9071B	6075130	NPG3340-04	10.00	1.00	07/30/06 07:30	ACB	EPA 9071B-Soil
SW846 9071B	6075130	NPG3340-05	10.00	1.00	07/30/06 07:30	ACB	EPA 9071B-Soil
SW846 9071B	6075130	NPG3340-06	10.00	1.00	07/30/06 07:30	ACB	EPA 9071B-Soil

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	EEG - Env. Enterprise Group (2449)	Work Order:	NPG3340
	10179 Highway 78	Project Name:	EEG - Env. Enterprise Group
	Ladson, SC 29456	Project Number:	06081 / OWS Soil Sampling 81st RRC
Attn	Mark Moltzen	Received:	07/26/06 08:50

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
General Chemistry Parameters						
6075130-BLK1						
Oil & Grease (non-polar)	<41.9		mg/kg	6075130	6075130-BLK1	08/04/06 09:28

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	EEG - Env. Enterprise Group (2449)	Work Order:	NPG3340
	10179 Highway 78	Project Name:	EEG - Env. Enterprise Group
	Ladson, SC 29456	Project Number:	06081 / OWS Soil Sampling 81st RRC
Attn	Mark Moltzen	Received:	07/26/06 08:50

PROJECT QUALITY CONTROL DATA

Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters									
6075130-DUP1									
Oil & Grease (non-polar)	217	159		mg/kg	31	50	6075130	NPG3335-01	08/04/06 09:28

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	EEG - Env. Enterprise Group (2449)	Work Order:	NPG3340
	10179 Highway 78	Project Name:	EEG - Env. Enterprise Group
	Ladson, SC 29456	Project Number:	06081 / OWS Soil Sampling 81st RRC
Attn	Mark Moltzen	Received:	07/26/06 08:50

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
General Chemistry Parameters								
6075130-BS1								
Oil & Grease (non-polar)	2000	2060		mg/kg	103%	70 - 130	6075130	08/04/06 09:28

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	EEG - Env. Enterprise Group (2449)	Work Order:	NPG3340
	10179 Highway 78	Project Name:	EEG - Env. Enterprise Group
	Ladson, SC 29456	Project Number:	06081 / OWS Soil Sampling 81st RRC
Attn	Mark Moltzen	Received:	07/26/06 08:50

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
General Chemistry Parameters										
6075130-MS1										
Oil & Grease (non-polar)	217	2130		mg/kg	2000	96%	38 - 149	6075130	NPG3335-01	08/04/06 09:28

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	EEG - Env. Enterprise Group (2449)	Work Order:	NPG3340
	10179 Highway 78	Project Name:	EEG - Env. Enterprise Group
	Ladson, SC 29456	Project Number:	06081 / OWS Soil Sampling 81st RRC
Attn	Mark Moltzen	Received:	07/26/06 08:50

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	South Carolina
SW846 9071B	Soil	N/A	X	X

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division

COOLER RECEIPT FORM **BC#** NPG3340

Cooler Received/Opened On: 7/26/2006 8:50

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 5886

FED-EX

Temperature of representative sample or temperature blank when opened: 6.0 **Degrees Celsius**
(indicate IR Gun ID#)

101507

3. Were custody seals on outside of cooler?..... YES....NO....NA
   a. If yes, how many and where: 2 Front
4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA
5. Were custody papers inside cooler?..... YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (intial)..... WS

6. Were custody seals on containers: YES NO and Intact YES NO NA
   were these signed, and dated correctly?..... YES...NO...NA
7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert Plastic bag Paper Other_____ None
8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None
9. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA
10. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA
11. Did all container labels and tags agree with custody papers?..... YES...NO...NA
12. a. Were VOA vials received?..... YES...NO...NA
    b. Was there any observable head space present in any VOA vial?..... YES...NO...NA

I certify that I unloaded the cooler and answered questions 6-12 (intial)..... K

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...NA
    b. Did the bottle labels indicate that the correct preservatives were used..... YES...NO...NA
    If preservation in-house was needed, record standard ID of preservative used here_____
14. Was residual chlorine present?..... YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (intial)..... RM

15. Were custody papers properly filled out (ink, signed, etc)?..... YES....NO...NA
16. Did you sign the custody papers in the appropriate place?..... YES....NO...NA
17. Were correct containers used for the analysis requested?..... YES...NO...NA
18. Was sufficient amount of sample sent in each container?..... YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (intial)..... RM

I certify that I attached a label with the unique LIMS number to each container (intial)..... RM

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO #_____

jars have 1 HEM-SUL

BIS = Broken in shipment
Cooler Receipt Form

TestAmerica INCORPORATED

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring _____

Client Name: EEG Client #: 2449
Address: 10179
City/State/Zip Code: LADSON SC 29456
Project Manager: M. MOLTZEN
Telephone Number: 843-412-2086 Fax: 843-879-0401
Sampler Name: (Print Name) MARK A MOLTZEN
Sampler Signature: Mark A Moltzen

Project Name: OWS SOIL SAMPLING 81ST RRC
Project #: 06081
Site/Location ID: MONTGOMERY (AL034) State: AL
Report To: MOLTZEN@EESINC.NET
Invoice To:
Quote #: PO#:

TAT
X Standard
___ Rush (surcharges may apply)
Date Needed: _____
Fax Results: Y N

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: TPH (GRO & GREASE) NPG3340 08/09/06 23:59	QC Deliverables: None / Level 2 (Batch QC) / Level 3 / Level 4 / Other: REMARKS
AL034-SB3-001	7/24/06	1430	G		S								X	3'
AL034-SB3-002	7/24/06	1443	G		S								X	6'
AL034-SB3-003	7/24/06	1500	G		S								X	10'
AL034-SB4-001	7/24/06	1515	G		S								X	3'
AL034-SB4-002	7/24/06	1525	G		S								X	6'
AL034-SB4-003	7/24/06	1543	G		S								X	8'

Special Instructions:

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp:
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

Relinquished By: Mark A Moltzen	Date: 7/25/06	Time: 1645	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date: 7/26/06	Time: 8:30

RSSI

6312 West Oakton Street
Morton Grove, IL 60053-2723
Telephone: 847-965-1999
Fax: 847-965-1991
www.rssi.us

October 31, 2006

81ST RRC ENV DIVISION
ATTN: BEN DUNN
501 FOREST CIRCLE
TROY, AL 36081

RE: Radon Monitor Test Results

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

Monitor Number	pCi/l	Test Location	Exposure Start	Exposure End Date
169963	2.6	SCREWS USARC 4050 ATLANTA HWY MONTGOMERY SSA Office	10/02/06	10/24/06

WHAT YOUR TEST RESULTS MEAN

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

Soil Sampling Results

Prepared for:

MR. BEN DUNN

Area Environmental Manager, Area 3

Contractor (Engineering & Environment, Inc.)

81st Regional Readiness Command

(334) 268-6859

john.b.dunn@usar.army.mil

Prepared by:

POLYENGINEERING, INC.

1935 Headland Avenue

Dothan, Alabama 36303

J. Adam Benton - Project Manager

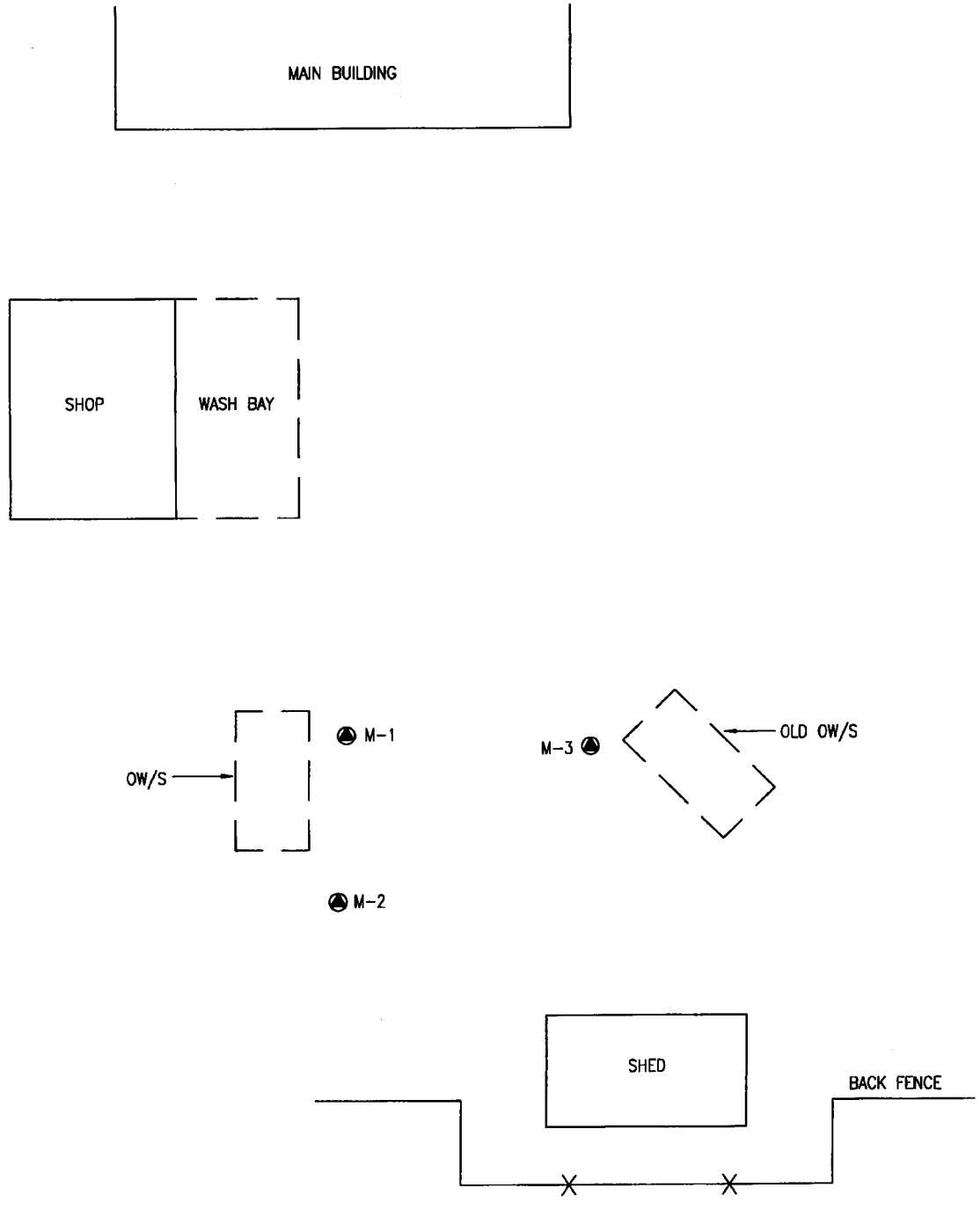
abenton@polyengineering.com

Montgomery, Alabama

Analytical Results and Chain of Custody Documentation

&

Site Map



POLYENGINEERING, INC.
ARCHITECTURE. ENGINEERING. SOLUTIONS
POST OFFICE BOX 837 (36302)
1935 HEADLAND AVENUE
DOTHAN, ALABAMA 36303
334-793-4700
WWW.POLYENGINEERING.COM

Project No.	Field Book No.
70-736	N/A
Date: NOVEMBER 2006	Scale: NOT TO SCALE
Drawn By: AJA	Apprvd. By: AB

SITE DETAIL MAP
81st RRC
MONTGOMERY, ALABAMA

FIGURE 1

ENVIRONMENTAL
SCIENCE CORP.

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

Mr. Steve Davis
Poly Environmental Corp. Env. Lab
PO Box 837

Dothan, AL 36303

Report Summary

Tuesday November 14, 2006

Report Number: L268302
Samples Received: 11/08/06
Client Project:

Description: Poly Engineering Montgomery USARC

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Reviewed By: Terrie Fudge, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 09227, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140
NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, WA - C1915

ENVIRONMENTAL
SCIENCE CORP.

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Steve Davis
Poly Environmental Corp. Env. Lab
PO Box 837
Dothan, AL 36303

November 14, 2006

ESC Sample # : L268302-01

Site ID : S109

Project # :

Date Received : November 08, 2006
Description : Poly Engineering Montgomery USARC

Sample ID : MW-1 3 FT 215376

Collected By :
Collection Date : 11/03/06 08:45

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	90.8		%	2540G	11/14/06	1
Benzene	BDL	0.0025	mg/kg	8021B	11/10/06	5
Toluene	BDL	0.025	mg/kg	8021B	11/10/06	5
Ethylbenzene	BDL	0.0025	mg/kg	8021B	11/10/06	5
Total Xylene	BDL	0.0075	mg/kg	8021B	11/10/06	5
Surrogate Recovery (77-118)						
a,a,a-Trifluorotoluene(PID)	101.		% Rec.	8021B	11/10/06	5
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.033	mg/kg	8270C	11/10/06	1
Acenaphthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Acenaphthylene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(a)anthracene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(a)pyrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(b)fluoranthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(g,h,i)perylene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(k)fluoranthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Chrysene	BDL	0.033	mg/kg	8270C	11/10/06	1
Dibenz(a,h)anthracene	BDL	0.033	mg/kg	8270C	11/10/06	1
Fluoranthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Fluorene	BDL	0.033	mg/kg	8270C	11/10/06	1
Indeno(1,2,3-cd)pyrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Naphthalene	BDL	0.033	mg/kg	8270C	11/10/06	1
Phenanthrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Pyrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Surrogate Recovery						
Nitrobenzene-d5	42.3		% Rec.	8270C	11/10/06	1
2-Fluorobiphenyl	54.0		% Rec.	8270C	11/10/06	1
p-Terphenyl-d14	76.4		% Rec.	8270C	11/10/06	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
The reported analytical results relate only to the sample submitted.

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REPORT OF ANALYSIS

Mr. Steve Davis
Poly Environmental Corp. Env. Lab
PO Box 837
Dothan, AL 36303

November 14, 2006

ESC Sample # : L268302-02

Site ID : S109

Project # :

Date Received : November 08, 2006
Description : Poly Engineering Montgomery USARC

Sample ID : MW-1 6 FT 215377

Collected By :
Collection Date : 11/03/06 09:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	91.9		%	2540G	11/14/06	1
Benzene	BDL	0.0025	mg/kg	8021B	11/10/06	5
Toluene	BDL	0.025	mg/kg	8021B	11/10/06	5
Ethylbenzene	BDL	0.0025	mg/kg	8021B	11/10/06	5
Total Xylene	BDL	0.0075	mg/kg	8021B	11/10/06	5
Surrogate Recovery (77-118)						
a,a,a-Trifluorotoluene(PID)	99.8		% Rec.	8021B	11/10/06	5
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.033	mg/kg	8270C	11/10/06	1
Acenaphthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Acenaphthylene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(a)anthracene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(a)pyrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(b)fluoranthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(g,h,i)perylene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(k)fluoranthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Chrysene	BDL	0.033	mg/kg	8270C	11/10/06	1
Dibenz(a,h)anthracene	BDL	0.033	mg/kg	8270C	11/10/06	1
Fluoranthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Fluorene	BDL	0.033	mg/kg	8270C	11/10/06	1
Indeno(1,2,3-cd)pyrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Naphthalene	BDL	0.033	mg/kg	8270C	11/10/06	1
Phenanthrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Pyrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Surrogate Recovery						
Nitrobenzene-d5	48.6		% Rec.	8270C	11/10/06	1
2-Fluorobiphenyl	47.6		% Rec.	8270C	11/10/06	1
p-Terphenyl-d14	64.1		% Rec.	8270C	11/10/06	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
The reported analytical results relate only to the sample submitted.

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REPORT OF ANALYSIS

Mr. Steve Davis
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November 14, 2006

ESC Sample # : L268302-03

Site ID : S109

Project # :

Date Received : November 08, 2006
Description : Poly Engineering Montgomery USARC

Sample ID : MW-1 11 FT 215378

Collected By :
Collection Date : 11/03/06 09:11

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	89.8		%	2540G	11/14/06	1
Benzene	BDL	0.0025	mg/kg	8021B	11/10/06	5
Toluene	BDL	0.025	mg/kg	8021B	11/10/06	5
Ethylbenzene	BDL	0.0025	mg/kg	8021B	11/10/06	5
Total Xylene	BDL	0.0075	mg/kg	8021B	11/10/06	5
Surrogate Recovery (77-118)						
a,a,a-Trifluorotoluene(PID)	100.		% Rec.	8021B	11/10/06	5
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.033	mg/kg	8270C	11/10/06	1
Acenaphthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Acenaphthylene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(a)anthracene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(a)pyrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(b)fluoranthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(g,h,i)perylene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(k)fluoranthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Chrysene	BDL	0.033	mg/kg	8270C	11/10/06	1
Dibenz(a,h)anthracene	BDL	0.033	mg/kg	8270C	11/10/06	1
Fluoranthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Fluorene	BDL	0.033	mg/kg	8270C	11/10/06	1
Indeno(1,2,3-cd)pyrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Naphthalene	BDL	0.033	mg/kg	8270C	11/10/06	1
Phenanthrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Pyrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Surrogate Recovery						
Nitrobenzene-d5	26.6		% Rec.	8270C	11/10/06	1
2-Fluorobiphenyl	42.8		% Rec.	8270C	11/10/06	1
p-Terphenyl-d14	70.7		% Rec.	8270C	11/10/06	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

Mr. Steve Davis
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November 14, 2006

ESC Sample # : L268302-04

Site ID : S109

Project # :

Date Received : November 08, 2006
Description : Poly Engineering Montgomery USARC

Sample ID : MW-2 3 FT 215379

Collected By :
Collection Date : 11/03/06 09:30

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	88.7		%	2540G	11/14/06	1
Benzene	BDL	0.0025	mg/kg	8021B	11/10/06	5
Toluene	BDL	0.025	mg/kg	8021B	11/10/06	5
Ethylbenzene	BDL	0.0025	mg/kg	8021B	11/10/06	5
Total Xylene	BDL	0.0075	mg/kg	8021B	11/10/06	5
Surrogate Recovery (77-118)						
a,a,a-Trifluorotoluene(PID)	100.		% Rec.	8021B	11/10/06	5
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.033	mg/kg	8270C	11/10/06	1
Acenaphthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Acenaphthylene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(a)anthracene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(a)pyrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(b)fluoranthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(g,h,i)perylene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(k)fluoranthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Chrysene	BDL	0.033	mg/kg	8270C	11/10/06	1
Dibenz(a,h)anthracene	BDL	0.033	mg/kg	8270C	11/10/06	1
Fluoranthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Fluorene	BDL	0.033	mg/kg	8270C	11/10/06	1
Indeno(1,2,3-cd)pyrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Naphthalene	BDL	0.033	mg/kg	8270C	11/10/06	1
Phenanthrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Pyrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Surrogate Recovery						
Nitrobenzene-d5	38.2		% Rec.	8270C	11/10/06	1
2-Fluorobiphenyl	57.5		% Rec.	8270C	11/10/06	1
p-Terphenyl-d14	79.6		% Rec.	8270C	11/10/06	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
The reported analytical results relate only to the sample submitted.

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REPORT OF ANALYSIS

Mr. Steve Davis
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November 14, 2006

ESC Sample # : L268302-05

Site ID : S109

Project # :

Date Received : November 08, 2006
Description : Poly Engineering Montgomery USARC

Sample ID : MW-2 6 FT 215380

Collected By : Bob White
Collection Date : 11/03/06 09:39

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	90.3		%	2540G	11/14/06	1
Benzene	BDL	0.0025	mg/kg	8021B	11/10/06	5
Toluene	BDL	0.025	mg/kg	8021B	11/10/06	5
Ethylbenzene	BDL	0.0025	mg/kg	8021B	11/10/06	5
Total Xylene	BDL	0.0075	mg/kg	8021B	11/10/06	5
Surrogate Recovery (77-118)						
a,a,a-Trifluorotoluene(PID)	101.		% Rec.	8021B	11/10/06	5
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.033	mg/kg	8270C	11/10/06	1
Acenaphthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Acenaphthylene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(a)anthracene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(a)pyrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(b)fluoranthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(g,h,i)perylene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(k)fluoranthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Chrysene	BDL	0.033	mg/kg	8270C	11/10/06	1
Dibenz(a,h)anthracene	BDL	0.033	mg/kg	8270C	11/10/06	1
Fluoranthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Fluorene	BDL	0.033	mg/kg	8270C	11/10/06	1
Indeno(1,2,3-cd)pyrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Naphthalene	BDL	0.033	mg/kg	8270C	11/10/06	1
Phenanthrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Pyrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Surrogate Recovery						
Nitrobenzene-d5	51.6		% Rec.	8270C	11/10/06	1
2-Fluorobiphenyl	70.0		% Rec.	8270C	11/10/06	1
p-Terphenyl-d14	84.3		% Rec.	8270C	11/10/06	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
The reported analytical results relate only to the sample submitted.

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REPORT OF ANALYSIS

Mr. Steve Davis
Poly Environmental Corp. Env. Lab
PO Box 837
Dothan, AL 36303

November 14, 2006

Date Received : November 08, 2006
Description : Poly Engineering Montgomery USARC

Sample ID : MW-2 11 FT 215381

Collected By :
Collection Date : 11/03/06 09:50

ESC Sample # : L268302-06

Site ID : S109

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	89.8		%	2540G	11/14/06	1
Benzene	BDL	0.0025	mg/kg	8021B	11/10/06	5
Toluene	BDL	0.025	mg/kg	8021B	11/10/06	5
Ethylbenzene	BDL	0.0025	mg/kg	8021B	11/10/06	5
Total Xylene	BDL	0.0075	mg/kg	8021B	11/10/06	5
Surrogate Recovery (77-118)						
a,a,a-Trifluorotoluene(PID)	100.		% Rec.	8021B	11/10/06	5
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.033	mg/kg	8270C	11/10/06	1
Acenaphthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Acenaphthylene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(a)anthracene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(a)pyrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(b)fluoranthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(g,h,i)perylene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(k)fluoranthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Chrysene	BDL	0.033	mg/kg	8270C	11/10/06	1
Dibenz(a,h)anthracene	BDL	0.033	mg/kg	8270C	11/10/06	1
Fluoranthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Fluorene	BDL	0.033	mg/kg	8270C	11/10/06	1
Indeno(1,2,3-cd)pyrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Naphthalene	BDL	0.033	mg/kg	8270C	11/10/06	1
Phenanthrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Pyrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Surrogate Recovery						
Nitrobenzene-d5	71.6		% Rec.	8270C	11/10/06	1
2-Fluorobiphenyl	69.6		% Rec.	8270C	11/10/06	1
p-Terphenyl-d14	77.5		% Rec.	8270C	11/10/06	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
The reported analytical results relate only to the sample submitted.

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REPORT OF ANALYSIS

Mr. Steve Davis
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PO Box 837
Dothan, AL 36303

November 14, 2006

ESC Sample # : L268302-07

Site ID : S109

Project # :

Date Received : November 08, 2006
Description : Poly Engineering Montgomery USARC

Sample ID : MW-3 3 FT 215382

Collected By :
Collection Date : 11/03/06 10:30

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	90.8		%	2540G	11/14/06	1
Benzene	BDL	0.0025	mg/kg	8021B	11/10/06	5
Toluene	BDL	0.025	mg/kg	8021B	11/10/06	5
Ethylbenzene	BDL	0.0025	mg/kg	8021B	11/10/06	5
Total Xylene	BDL	0.0075	mg/kg	8021B	11/10/06	5
Surrogate Recovery (77-118)						
a,a,a-Trifluorotoluene(PID)	101.		% Rec.	8021B	11/10/06	5
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.033	mg/kg	8270C	11/10/06	1
Acenaphthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Acenaphthylene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(a)anthracene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(a)pyrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(b)fluoranthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(g,h,i)perylene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(k)fluoranthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Chrysene	BDL	0.033	mg/kg	8270C	11/10/06	1
Dibenz(a,h)anthracene	BDL	0.033	mg/kg	8270C	11/10/06	1
Fluoranthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Fluorene	BDL	0.033	mg/kg	8270C	11/10/06	1
Indeno(1,2,3-cd)pyrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Naphthalene	BDL	0.033	mg/kg	8270C	11/10/06	1
Phenanthrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Pyrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Surrogate Recovery						
Nitrobenzene-d5	43.7		% Rec.	8270C	11/10/06	1
2-Fluorobiphenyl	51.3		% Rec.	8270C	11/10/06	1
p-Terphenyl-d14	71.7		% Rec.	8270C	11/10/06	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
The reported analytical results relate only to the sample submitted.

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REPORT OF ANALYSIS

November 14, 2006

Mr. Steve Davis
Poly Environmental Corp. Env. Lab
PO Box 837
Dothan, AL 36303

ESC Sample # : L268302-08

Date Received : November 08, 2006
Description : Poly Engineering Montgomery USARC

Site ID : S109

Sample ID : MW-3 6 FT 215383

Project # :

Collected By :
Collection Date : 11/03/06 10:38

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	96.9		%	2540G	11/14/06	1
Benzene	BDL	0.0025	mg/kg	8021B	11/10/06	5
Toluene	BDL	0.025	mg/kg	8021B	11/10/06	5
Ethylbenzene	BDL	0.0025	mg/kg	8021B	11/10/06	5
Total Xylene	BDL	0.0075	mg/kg	8021B	11/10/06	5
Surrogate Recovery (77-118)						
a,a,a-Trifluorotoluene(PID)	100.		% Rec.	8021B	11/10/06	5
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.033	mg/kg	8270C	11/10/06	1
Acenaphthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Acenaphthylene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(a)anthracene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(a)pyrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(b)fluoranthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(g,h,i)perylene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(k)fluoranthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Chrysene	BDL	0.033	mg/kg	8270C	11/10/06	1
Dibenz(a,h)anthracene	BDL	0.033	mg/kg	8270C	11/10/06	1
Fluoranthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Fluorene	BDL	0.033	mg/kg	8270C	11/10/06	1
Indeno(1,2,3-cd)pyrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Naphthalene	BDL	0.033	mg/kg	8270C	11/10/06	1
Phenanthrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Pyrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Surrogate Recovery						
Nitrobenzene-d5	62.4		% Rec.	8270C	11/10/06	1
2-Fluorobiphenyl	67.9		% Rec.	8270C	11/10/06	1
p-Terphenyl-d14	76.4		% Rec.	8270C	11/10/06	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
The reported analytical results relate only to the sample submitted.

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Reported: 11/14/06 16:07 Printed: 11/14/06 16:08

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REPORT OF ANALYSIS

Mr. Steve Davis
Poly Environmental Corp. Env. Lab
PO Box 837
Dothan, AL 36303

November 14, 2006

ESC Sample # : L268302-09

Site ID : S109

Project # :

Date Received : November 08, 2006
Description : Poly Engineering Montgomery USARC

Sample ID : MW-3 11 FT 215384

Collected By : Bob White
Collection Date : 11/03/06 10:50

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	88.0		%	2540G	11/14/06	1
Benzene	BDL	0.0025	mg/kg	8021B	11/10/06	5
Toluene	BDL	0.025	mg/kg	8021B	11/10/06	5
Ethylbenzene	BDL	0.0025	mg/kg	8021B	11/10/06	5
Total Xylene	BDL	0.0075	mg/kg	8021B	11/10/06	5
Surrogate Recovery (77-118)						
a,a,a-Trifluorotoluene(PID)	100.		% Rec.	8021B	11/10/06	5
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.033	mg/kg	8270C	11/10/06	1
Acenaphthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Acenaphthylene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(a)anthracene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(a)pyrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(b)fluoranthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(g,h,i)perylene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(k)fluoranthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Chrysene	BDL	0.033	mg/kg	8270C	11/10/06	1
Dibenz(a,h)anthracene	BDL	0.033	mg/kg	8270C	11/10/06	1
Fluoranthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Fluorene	BDL	0.033	mg/kg	8270C	11/10/06	1
Indeno(1,2,3-cd)pyrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Naphthalene	BDL	0.033	mg/kg	8270C	11/10/06	1
Phenanthrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Pyrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Surrogate Recovery						
Nitrobenzene-d5	51.4		% Rec.	8270C	11/10/06	1
2-Fluorobiphenyl	60.3		% Rec.	8270C	11/10/06	1
p-Terphenyl-d14	84.8		% Rec.	8270C	11/10/06	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
The reported analytical results relate only to the sample submitted.

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REPORT OF ANALYSIS

Mr. Steve Davis
Poly Environmental Corp. Env. Lab
PO Box 837
Dothan, AL 36303

November 14, 2006

Date Received : November 08, 2006
Description : Poly Engineering Montgomery USARC

Sample ID : MW-4 3 FT 215385

Collected By : Bob White
Collection Date : 11/03/06 11:05

ESC Sample # : L268302-10

Site ID : S109

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	88.6		%	2540G	11/14/06	1
Benzene	BDL	0.0025	mg/kg	8021B	11/10/06	5
Toluene	BDL	0.025	mg/kg	8021B	11/10/06	5
Ethylbenzene	BDL	0.0025	mg/kg	8021B	11/10/06	5
Total Xylene	BDL	0.0075	mg/kg	8021B	11/10/06	5
Surrogate Recovery (77-118)						
a,a,a-Trifluorotoluene(PID)	100.		% Rec.	8021B	11/10/06	5
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.033	mg/kg	8270C	11/10/06	1
Acenaphthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Acenaphthylene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(a)anthracene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(a)pyrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(b)fluoranthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(g,h,i)perylene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(k)fluoranthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Chrysene	BDL	0.033	mg/kg	8270C	11/10/06	1
Dibenz(a,h)anthracene	BDL	0.033	mg/kg	8270C	11/10/06	1
Fluoranthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Fluorene	BDL	0.033	mg/kg	8270C	11/10/06	1
Indeno(1,2,3-cd)pyrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Naphthalene	BDL	0.033	mg/kg	8270C	11/10/06	1
Phenanthrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Pyrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Surrogate Recovery						
Nitrobenzene-d5	61.6		% Rec.	8270C	11/10/06	1
2-Fluorobiphenyl	67.0		% Rec.	8270C	11/10/06	1
p-Terphenyl-d14	77.1		% Rec.	8270C	11/10/06	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
The reported analytical results relate only to the sample submitted.

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REPORT OF ANALYSIS

Mr. Steve Davis
Poly Environmental Corp. Env. Lab
PO Box 837
Dothan, AL 36303

November 14, 2006

Date Received : November 08, 2006
Description : Poly Engineering Montgomery USARC

ESC Sample # : L268302-11

Site ID : S109

Sample ID : MW-4 6 FT 215386

Project # :

Collected By : Bob White
Collection Date : 11/03/06 11:12

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	98.0		%	2540G	11/14/06	1
Benzene	BDL	0.0025	mg/kg	8021B	11/10/06	5
Toluene	BDL	0.025	mg/kg	8021B	11/10/06	5
Ethylbenzene	BDL	0.0025	mg/kg	8021B	11/10/06	5
Total Xylene	BDL	0.0075	mg/kg	8021B	11/10/06	5
Surrogate Recovery (77-118)						
a,a,a-Trifluorotoluene(PID)	102.		% Rec.	8021B	11/10/06	5
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.033	mg/kg	8270C	11/10/06	1
Acenaphthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Acenaphthylene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(a)anthracene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(a)pyrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(b)fluoranthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(g,h,i)perylene	BDL	0.033	mg/kg	8270C	11/10/06	1
Benzo(k)fluoranthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Chrysene	BDL	0.033	mg/kg	8270C	11/10/06	1
Dibenz(a,h)anthracene	BDL	0.033	mg/kg	8270C	11/10/06	1
Fluoranthene	BDL	0.033	mg/kg	8270C	11/10/06	1
Fluorene	BDL	0.033	mg/kg	8270C	11/10/06	1
Indeno(1,2,3-cd)pyrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Naphthalene	BDL	0.033	mg/kg	8270C	11/10/06	1
Phenanthrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Pyrene	BDL	0.033	mg/kg	8270C	11/10/06	1
Surrogate Recovery						
Nitrobenzene-d5	42.3		% Rec.	8270C	11/10/06	1
2-Fluorobiphenyl	49.9		% Rec.	8270C	11/10/06	1
p-Terphenyl-d14	68.7		% Rec.	8270C	11/10/06	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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Reported: 11/14/06 16:07 Printed: 11/14/06 16:08

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REPORT OF ANALYSIS

Mr. Steve Davis
Poly Environmental Corp. Env. Lab
PO Box 837
Dothan, AL 36303

November 14, 2006

ESC Sample # : L268302-12

Site ID : S109

Project # :

Date Received : November 08, 2006
Description : Poly Engineering Montgomery USARC

Sample ID : MW-4 11 FT 215387

Collected By :
Collection Date : 11/03/06 11:19

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	91.9		%	2540G	11/14/06	1
Benzene	BDL	0.0025	mg/kg	8021B	11/10/06	5
Toluene	BDL	0.025	mg/kg	8021B	11/10/06	5
Ethylbenzene	BDL	0.0025	mg/kg	8021B	11/10/06	5
Total Xylene	BDL	0.0075	mg/kg	8021B	11/10/06	5
Surrogate Recovery (77-118)						
a,a,a-Trifluorotoluene(PID)	100.		% Rec.	8021B	11/10/06	5
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.033	mg/kg	8270C	11/14/06	1
Acenaphthene	BDL	0.033	mg/kg	8270C	11/14/06	1
Acenaphthylene	BDL	0.033	mg/kg	8270C	11/14/06	1
Benzo(a)anthracene	BDL	0.033	mg/kg	8270C	11/14/06	1
Benzo(a)pyrene	BDL	0.033	mg/kg	8270C	11/14/06	1
Benzo(b)fluoranthene	BDL	0.033	mg/kg	8270C	11/14/06	1
Benzo(g,h,i)perylene	BDL	0.033	mg/kg	8270C	11/14/06	1
Benzo(k)fluoranthene	BDL	0.033	mg/kg	8270C	11/14/06	1
Chrysene	BDL	0.033	mg/kg	8270C	11/14/06	1
Dibenz(a,h)anthracene	BDL	0.033	mg/kg	8270C	11/14/06	1
Fluoranthene	BDL	0.033	mg/kg	8270C	11/14/06	1
Fluorene	BDL	0.033	mg/kg	8270C	11/14/06	1
Indeno(1,2,3-cd)pyrene	BDL	0.033	mg/kg	8270C	11/14/06	1
Naphthalene	BDL	0.033	mg/kg	8270C	11/14/06	1
Phenanthrene	BDL	0.033	mg/kg	8270C	11/14/06	1
Pyrene	BDL	0.033	mg/kg	8270C	11/14/06	1
Surrogate Recovery						
Nitrobenzene-d5	72.9		% Rec.	8270C	11/14/06	1
2-Fluorobiphenyl	65.7		% Rec.	8270C	11/14/06	1
p-Terphenyl-d14	84.8		% Rec.	8270C	11/14/06	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
The reported analytical results relate only to the sample submitted.

Reported: 11/14/06 16:07 Printed: 11/14/06 16:08

Attachment A
List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
L268302-01	Benzo(b)fluoranthene	J3
L268302-02	Benzo(b)fluoranthene	J3
L268302-03	Benzo(b)fluoranthene	J3
	Nitrobenzene-d5	J2
	2-Fluorobiphenyl	J2
L268302-04	Benzo(b)fluoranthene	J3
L268302-05	Benzo(b)fluoranthene	J3
L268302-07	Benzo(b)fluoranthene	J3
L268302-08	Benzo(b)fluoranthene	J3
L268302-09	Benzo(b)fluoranthene	J3
L268302-10	Benzo(b)fluoranthene	J3
L268302-11	Benzo(b)fluoranthene	J3
L268302-12	Toluene	J5J3
	Total Xylene	J3J5
	Benzo(a)anthracene	J4
	Fluoranthene	J4

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits
J3	The associated batch QC was outside the established quality control range for precision.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high
J4	The associated batch QC was outside the established quality control range for accuracy.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods,it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

	Control Limits				(AQ)	(SS)
2-Fluorophenol	31-119	Nitrobenzene-d5	43-118	Dibromfluoromethane	68-128	64-125
Phenol-d5	12-134	2-Fluorobiphenyl	45-128	Toluene-d8	76-115	69-118
2,4,6-Tribromophenol	51-141	Terphenyl-d14	43-137	4-Bromofluorobenzene	79-127	61-134

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed
11/14/06 at 16:08:34

TSR Signing Reports: 064
R5 - Desired TAT

Sample: L268302-01 Account: POLYENV Received: 11/08/06 09:00 Due Date: 11/14/06 00:00 RPT Date: 11/14/06 16:07

Sample: L268302-02 Account: POLYENV Received: 11/08/06 09:00 Due Date: 11/14/06 00:00 RPT Date: 11/14/06 16:07

Sample: L268302-03 Account: POLYENV Received: 11/08/06 09:00 Due Date: 11/14/06 00:00 RPT Date: 11/14/06 16:07

Sample: L268302-04 Account: POLYENV Received: 11/08/06 09:00 Due Date: 11/14/06 00:00 RPT Date: 11/14/06 16:07

Sample: L268302-05 Account: POLYENV Received: 11/08/06 09:00 Due Date: 11/14/06 00:00 RPT Date: 11/14/06 16:07

Sample: L268302-06 Account: POLYENV Received: 11/08/06 09:00 Due Date: 11/14/06 00:00 RPT Date: 11/14/06 16:07

Sample: L268302-07 Account: POLYENV Received: 11/08/06 09:00 Due Date: 11/14/06 00:00 RPT Date: 11/14/06 16:07

Sample: L268302-08 Account: POLYENV Received: 11/08/06 09:00 Due Date: 11/14/06 00:00 RPT Date: 11/14/06 16:07

Sample: L268302-09 Account: POLYENV Received: 11/08/06 09:00 Due Date: 11/14/06 00:00 RPT Date: 11/14/06 16:07

Sample: L268302-10 Account: POLYENV Received: 11/08/06 09:00 Due Date: 11/14/06 00:00 RPT Date: 11/14/06 16:07

Sample: L268302-11 Account: POLYENV Received: 11/08/06 09:00 Due Date: 11/14/06 00:00 RPT Date: 11/14/06 16:07

Sample: L268302-12 Account: POLYENV Received: 11/08/06 09:00 Due Date: 11/14/06 00:00 RPT Date: 11/14/06 16:07

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Poly Environmental Corp. Env. Lab
Mr. Steve Davis
PO Box 837

Dothan, AL 36303

Quality Assurance Report
Level II

L268302

November 14, 2006

Laboratory Blank

Analyte	Result	Units	Date Analyzed	Batch
Acenaphthene	< .033	ppm	11/10/06 07:16	WG274622
Acenaphthylene	< .033	ppm	11/10/06 07:16	WG274622
Anthracene	< .033	ppm	11/10/06 07:16	WG274622
Benzo(a)anthracene	< .033	ppm	11/10/06 07:16	WG274622
Benzo(a)pyrene	< .033	ppm	11/10/06 07:16	WG274622
Benzo(b)fluoranthene	< .033	ppm	11/10/06 07:16	WG274622
Benzo(g,h,i)perylene	< .033	ppm	11/10/06 07:16	WG274622
Benzo(k)fluoranthene	< .033	ppm	11/10/06 07:16	WG274622
Chrysene	< .033	ppm	11/10/06 07:16	WG274622
Dibenz(a,h)anthracene	< .033	ppm	11/10/06 07:16	WG274622
Fluoranthene	< .033	ppm	11/10/06 07:16	WG274622
Fluorene	< .033	ppm	11/10/06 07:16	WG274622
Indeno(1,2,3-cd)pyrene	< .033	ppm	11/10/06 07:16	WG274622
Naphthalene	< .033	ppm	11/10/06 07:16	WG274622
Phenanthrene	< .033	ppm	11/10/06 07:16	WG274622
Pyrene	< .033	ppm	11/10/06 07:16	WG274622
Benzene	< .0005	mg/kg	11/10/06 00:35	WG274662
Ethylbenzene	< .0005	mg/kg	11/10/06 00:35	WG274662
Toluene	< .005	mg/kg	11/10/06 00:35	WG274662
Total Xylene	< .0015	mg/kg	11/10/06 00:35	WG274662
Total Solids	0.00	%	11/14/06 10:16	WG275145
Total Solids	0.00	%	11/14/06 10:11	WG275146
Acenaphthene	< .033	ppm	11/14/06 11:28	WG275149
Acenaphthylene	< .033	ppm	11/14/06 11:28	WG275149
Anthracene	< .033	ppm	11/14/06 11:28	WG275149
Benzo(a)anthracene	< .033	ppm	11/14/06 11:28	WG275149
Benzo(a)pyrene	< .033	ppm	11/14/06 11:28	WG275149
Benzo(b)fluoranthene	< .033	ppm	11/14/06 11:28	WG275149
Benzo(g,h,i)perylene	< .033	ppm	11/14/06 11:28	WG275149
Benzo(k)fluoranthene	< .033	ppm	11/14/06 11:28	WG275149
Chrysene	< .033	ppm	11/14/06 11:28	WG275149
Dibenz(a,h)anthracene	< .033	ppm	11/14/06 11:28	WG275149
Fluoranthene	< .033	ppm	11/14/06 11:28	WG275149
Fluorene	< .033	ppm	11/14/06 11:28	WG275149
Indeno(1,2,3-cd)pyrene	< .033	ppm	11/14/06 11:28	WG275149
Naphthalene	< .033	ppm	11/14/06 11:28	WG275149
Phenanthrene	< .033	ppm	11/14/06 11:28	WG275149
Pyrene	< .033	ppm	11/14/06 11:28	WG275149

Duplicate

Analyte	Units	Result	Duplicate	RPD	Limit	Ref Samp	Batch
Total Solids	%	87.1	86.2	0.990	20	L268149-27	WG275145
Total Solids	%	87.9	88.2	0.329	20	L268306-06	WG275146

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Acenaphthene	ppm	1.667	1.14	68.6	56-125	WG274622
Acenaphthylene	ppm	1.667	1.13	67.8	53-138	WG274622
Anthracene	ppm	1.667	1.14	68.2	57-132	WG274622
Benzo(a)anthracene	ppm	1.667	1.17	70.2	60-119	WG274622
Benzo(a)pyrene	ppm	1.667	1.33	80.1	53-133	WG274622
Benzo(b)fluoranthene	ppm	1.667	1.23	73.7	52-128	WG274622
Benzo(g,h,i)perylene	ppm	1.667	1.15	69.1	50-134	WG274622

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Mr. Steve Davis
PO Box 837

Dothan, AL 36303

Quality Assurance Report
Level II

L268302

November 14, 2006

Benzo(k)fluoranthene	ppm	1.667	0.982	58.9	53-125	WG274622

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Chrysene	ppm	1.667	1.30	77.9	59-124	WG274622
Dibenz(a,h)anthracene	ppm	1.667	1.16	69.5	53-135	WG274622
Fluoranthene	ppm	1.667	1.17	70.2	57-132	WG274622
Fluorene	ppm	1.667	1.18	70.6	60-126	WG274622
Indeno(1,2,3-cd)pyrene	ppm	1.667	1.17	70.0	52-133	WG274622
Naphthalene	ppm	1.667	0.834	50.1	40-120	WG274622
Phenanthrene	ppm	1.667	1.24	74.3	58-129	WG274622
Pyrene	ppm	1.667	1.15	69.1	60-127	WG274622
Benzene	mg/kg	.05	0.0479	95.9	78-141	WG274662
Ethylbenzene	mg/kg	.05	0.0540	108.	69-133	WG274662
Toluene	mg/kg	.05	0.0483	96.7	65-117	WG274662
Total Xylene	mg/kg	.15	0.158	105.	71-121	WG274662
Total Solids	%	50	50.7	101.	85-115	WG275145
Total Solids	%	50	50.3	101.	85-115	WG275146
Acenaphthene	ppm	1.667	1.02	61.1	56-125	WG275149
Acenaphthylene	ppm	1.667	1.01	60.4	53-138	WG275149
Anthracene	ppm	1.667	0.966	57.9	57-132	WG275149
Benzo(a)anthracene	ppm	1.667	0.975	58.5	60-119	WG275149
Benzo(a)pyrene	ppm	1.667	1.09	65.1	53-133	WG275149
Benzo(b)fluoranthene	ppm	1.667	1.15	68.7	52-128	WG275149
Benzo(g,h,i)perylene	ppm	1.667	1.18	70.8	50-134	WG275149
Benzo(k)fluoranthene	ppm	1.667	0.966	57.9	53-125	WG275149
Chrysene	ppm	1.667	1.01	60.6	59-124	WG275149
Dibenz(a,h)anthracene	ppm	1.667	1.25	75.2	53-135	WG275149
Fluoranthene	ppm	1.667	0.827	49.6	57-132	WG275149
Fluorene	ppm	1.667	1.03	62.0	60-126	WG275149
Indeno(1,2,3-cd)pyrene	ppm	1.667	1.21	72.8	52-133	WG275149
Naphthalene	ppm	1.667	0.912	54.7	40-120	WG275149
Phenanthrene	ppm	1.667	1.06	63.3	58-129	WG275149
Pyrene	ppm	1.667	1.02	61.0	60-127	WG275149

Laboratory Control Sample Duplicate

Analyte	Units	LCSD Res	Ref Res	RPD	Limit	%Rec	Batch
Acenaphthene	ppm	1.03	1.14	10.4	23	62	WG274622
Acenaphthylene	ppm	1.00	1.13	11.9	23	60	WG274622
Anthracene	ppm	1.02	1.14	10.8	17	61	WG274622
Benzo(a)anthracene	ppm	1.07	1.17	9.16	17	64	WG274622
Benzo(a)pyrene	ppm	1.21	1.33	9.85	17	73	WG274622
Benzo(b)fluoranthene	ppm	0.990	1.23	21.5	19	59	WG274622
Benzo(g,h,i)perylene	ppm	1.04	1.15	10.6	17	62	WG274622
Benzo(k)fluoranthene	ppm	0.984	0.982	0.213	18	59	WG274622
Chrysene	ppm	1.18	1.30	9.30	17	71	WG274622
Dibenz(a,h)anthracene	ppm	1.03	1.16	11.9	17	62	WG274622
Fluoranthene	ppm	1.07	1.17	8.75	16	64	WG274622
Fluorene	ppm	1.06	1.18	10.8	18	63	WG274622
Indeno(1,2,3-cd)pyrene	ppm	1.04	1.17	11.3	16	63	WG274622
Naphthalene	ppm	0.862	0.834	3.29	27	52	WG274622
Phenanthrene	ppm	1.13	1.24	9.03	17	68	WG274622
Pyrene	ppm	1.08	1.15	6.87	18	65	WG274622
Benzene	mg/kg	0.0473	0.0479	1.35	20	95	WG274662
Ethylbenzene	mg/kg	0.0529	0.0540	1.96	20	106	WG274662
Toluene	mg/kg	0.0478	0.0483	1.17	20	96	WG274662
Total Xylene	mg/kg	0.155	0.158	1.99	20	103	WG274662

ENVIRONMENTAL SCIENCE CORP.

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Est. 1970

Poly Environmental Corp. Env. Lab
Mr. Steve Davis
PO Box 837

Dothan, AL 36303

Quality Assurance Report
Level II

L268302

November 14, 2006

Laboratory Control Sample Duplicate

Analyte	Units	LCSD Res	Ref Res	RPD	Limit	%Rec	Batch
Acenaphthene	ppm	1.11	1.02	8.96	23	67	WG275149
Acenaphthylene	ppm	1.02	1.01	1.01	23	61	WG275149
Anthracene	ppm	1.07	0.966	9.83	17	64	WG275149
Benzo(a)anthracene	ppm	0.968	0.975	0.770	17	58	WG275149
Benzo(a)pyrene	ppm	1.03	1.09	5.31	17	62	WG275149
Benzo(b)fluoranthene	ppm	1.07	1.15	6.59	19	64	WG275149
Benzo(g,h,i)perylene	ppm	1.10	1.18	7.51	17	66	WG275149
Benzo(k)fluoranthene	ppm	1.06	0.966	9.06	18	63	WG275149
Chrysene	ppm	1.01	1.01	0.107	17	61	WG275149
Dibenz(a,h)anthracene	ppm	1.20	1.25	4.57	17	72	WG275149
Fluoranthene	ppm	0.932	0.827	11.9	16	56	WG275149
Fluorene	ppm	1.14	1.03	9.35	18	68	WG275149
Indeno(1,2,3-cd)pyrene	ppm	1.22	1.21	0.666	16	73	WG275149
Naphthalene	ppm	0.942	0.912	3.22	27	56	WG275149
Phenanthrene	ppm	1.15	1.06	8.71	17	69	WG275149
Pyrene	ppm	1.01	1.02	1.06	18	60	WG275149

Matrix Spike

Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Acenaphthene	ppm	1.09	0.00	1.667	65.7	47-130	L268302-06	WG274622
Acenaphthylene	ppm	1.11	0.00	1.667	66.6	46-139	L268302-06	WG274622
Anthracene	ppm	1.11	0.00	1.667	66.8	45-134	L268302-06	WG274622
Benzo(a)anthracene	ppm	1.13	0.00	1.667	67.7	45-125	L268302-06	WG274622
Benzo(a)pyrene	ppm	1.31	0.00	1.667	78.6	48-135	L268302-06	WG274622
Benzo(b)fluoranthene	ppm	1.04	0.00	1.667	62.3	45-148	L268302-06	WG274622
Benzo(g,h,i)perylene	ppm	1.08	0.00	1.667	64.9	33-124	L268302-06	WG274622
Benzo(k)fluoranthene	ppm	1.08	0.00	1.667	65.0	48-147	L268302-06	WG274622
Chrysene	ppm	1.25	0.00	1.667	74.8	45-125	L268302-06	WG274622
Dibenz(a,h)anthracene	ppm	1.11	0.00	1.667	66.6	33-130	L268302-06	WG274622
Fluoranthene	ppm	1.21	0.00	1.667	72.6	43-136	L268302-06	WG274622
Fluorene	ppm	1.09	0.00	1.667	65.3	50-130	L268302-06	WG274622
Indeno(1,2,3-cd)pyrene	ppm	1.11	0.00	1.667	66.5	34-125	L268302-06	WG274622
Naphthalene	ppm	0.933	0.00	1.667	56.0	39-124	L268302-06	WG274622
Phenanthrene	ppm	1.25	0.00	1.667	74.8	43-136	L268302-06	WG274622
Pyrene	ppm	1.12	0.00	1.667	67.2	43-142	L268302-06	WG274622
Benzene	mg/kg	0.210	0.00	.05	84.1	61-134	L268302-12	WG274662
Ethylbenzene	mg/kg	0.266	0.00	.05	107.	58-119	L268302-12	WG274662
Toluene	mg/kg	0.374	0.00	.05	149.	56-121	L268302-12	WG274662
Total Xylene	mg/kg	1.70	0.00	.15	226.	57-104	L268302-12	WG274662

Matrix Spike Duplicate

Analyte	Units	MSD Res	Ref Res	RPD	Limit	%Rec	Ref Samp	Batch
Acenaphthene	ppm	1.20	1.09	9.44	24	72.2	L268302-06	WG274622
Acenaphthylene	ppm	1.27	1.11	13.6	25	76.3	L268302-06	WG274622
Anthracene	ppm	1.28	1.11	14.1	23	76.9	L268302-06	WG274622
Benzo(a)anthracene	ppm	1.31	1.13	14.6	23	78.3	L268302-06	WG274622
Benzo(a)pyrene	ppm	1.48	1.31	12.1	23	88.7	L268302-06	WG274622
Benzo(b)fluoranthene	ppm	1.31	1.04	23.1	26	78.6	L268302-06	WG274622
Benzo(g,h,i)perylene	ppm	1.24	1.08	14.0	23	74.6	L268302-06	WG274622
Benzo(k)fluoranthene	ppm	1.08	1.08	0.535	24	64.6	L268302-06	WG274622
Chrysene	ppm	1.45	1.25	15.0	23	87.0	L268302-06	WG274622
Dibenz(a,h)anthracene	ppm	1.24	1.11	11.0	24	74.3	L268302-06	WG274622
Fluoranthene	ppm	1.33	1.21	9.27	23	79.7	L268302-06	WG274622
Fluorene	ppm	1.20	1.09	10.0	23	72.2	L268302-06	WG274622
Indeno(1,2,3-cd)pyrene	ppm	1.25	1.11	11.7	22	74.8	L268302-06	WG274622
Naphthalene	ppm	1.17	0.933	22.9	31	70.4	L268302-06	WG274622

ENVIRONMENTAL
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Quality Assurance Report
Level II

L268302

November 14, 2006

Phenanthrene	ppm	1.43	1.25	13.7	22	85.8	L268302-06	WG274622

Matrix Spike Duplicate

Analyte	Units	MSD Res	Ref Res	RPD	Limit	%Rec	Ref Samp	Batch
Pyrene	ppm	1.30	1.12	14.9	25	78.1	L268302-06	WG274622
Benzene	mg/kg	0.224	0.210	6.30	20	89.6	L268302-12	WG274662
Ethylbenzene	mg/kg	0.231	0.266	14.2	20	92.3	L268302-12	WG274662
Toluene	mg/kg	0.221	0.374	51.3	20	88.5	L268302-12	WG274662
Total Xylene	mg/kg	0.733	1.70	79.2	20	97.8	L268302-12	WG274662

Batch number /Run number / Sample number cross reference

WG274662: R296266: L268302-01 02 03 04 05 06 07 08 09 10 11 12
WG274622: R296381: L268302-01 02 03 04 05 06 07 08 09 10 11
WG275145: R296680: L268302-01 02 03 04 05 06 07 08 09
WG275146: R296682: L268302-10 11 12
WG275149: R296731: L268302-12

* * Calculations are performed prior to rounding of reported values .

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Quality Assurance Report
Level II

L268302

November 14, 2006

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

Poly Environmental
Corp.Env. Laboratory
P.O. Box 837
Dothan, AL 36303

Alternate billing information:

Report to: Steve Davis

Email to: sdavis@polyengineering.com

Analysis/Container/Preservative

Chain of Custody Page 1 of 2

Prepared by:

ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859

Project Description: Polyengineering - Montgomery USARC

City/State Collected:

Phone: 334-793-4700
FAX: 334-677-9477

Client Project #:

ESC Key:

Collected by: Bob White

Site/Facility ID#: S109

P.O.#:

Collected by (signature):

Packed on Ice N (Y)

Rush? (Lab MUST Be Notified)
____ Same Day.....200%
____ Next Day.....100%
____ Two Day.....50%

Date Results Needed:

Email? __No ✓Yes

FAX? ✓No __Yes

CoCode: POLYEV1 (Lab use only)

Template/Prelogin:

Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	Remarks/Contaminant	Sample # (lab only)
M-1-3' 215376	Grab	SS	—	11/3/06	0845	1		476
M-1-6' 215377			—		0900	1		
M-1-11' 215378			—		0911	1		
M-2-3' 215379			—		0930	1		
M-2-6' 215380			—		0939	1		
M-2-11' 215381			—		0950	1		
M-3-3 215382			—		1030	1		
M-3-6' 215383			—		1038	1		
M-3-11' 215384			—		1050	1		

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

pH _____ Temp _____

Remarks: 8577 7605 4303

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ _____	COC Seal Present/Intact: (Lab use only)
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 13.4°C	Bottles Received: 12
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 11-3-6	Time: 900

COC Signed/Accurate: NCF: ✓

Poly Environmental Corp.Env. Laboratory
P.O. Box 837
Dothan, AL 36303

Alternate billing information:

Report to: Steve Davis

Email to: sdavis@polyengineering.com

Analysis/Container/Preservative

Chain of Custody Page 2 of 2

Prepared by:

ENVIRONMENTAL SCIENCE CORP.
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Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859

Project Description: Polyengineering - Montgomery USARC

City/State Collected:

Phone: 334-793-4700
FAX: 334-677-9477

Client Project #:

ESC Key:

Collected by: Bob White

Site/Facility ID#: 5109

P.O.#:

Collected by (signature):

Packed on Ice N (Y)

Rush? (Lab MUST Be Notified)
____ Same Day.....200%
____ Next Day.....100%
____ Two Day.....50%

Date Results Needed:

Email? __No __Yes

FAX? __No __Yes

Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	Remarks/Contaminant	Sample # (lab only)
M-4-3' 215385	Grab	SS	—	11/3/06	1105	1		
M-4-6' 215386	↓	↓	—	↓	1112	1		
M-4-11' 215387	↓	↓	—	↓	1119	1		

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

pH _____ Temp _____

Remarks:

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ _____	Condition:	Lab Use Only
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 3.4°	Bottles Received: 12 + 5 extra	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 11-8-06	Time: 900	pH Checked: NCF:

81st RRC Regional Readiness Command

Limited Soil Sampling & Analysis
for
AL037 Montgomery, Alabama

Performed by:

Southeast Environmental LLC
223 Palos Verdes Drive
Troy, AL 36079
334-268-3818

Introduction

On December 15, 2006, Southeast Environmental LLC, contracted to collect soil samples for analysis for the 81st Regional Readiness Command (81st RRC) of the United States Army Reserves. The 81st RRC requested soil samples at the U.S. Army Reserve Center (FACID AL037) located in Montgomery, Alabama.

Scope & Procedure

The soil sampling project required two borings at a depth of 3-4 feet with a single sample collected from each boring. The first boring was cored near a man hole cover at the northwest corner of the main building near the drill hall. The second boring was taken west of the back fence line, approximately 50 feet into the wood line. This sample point was selected because historical drawings of the facility revealed the existence of a drain pipe discharging into this area. However, this pipe could not be located during sampling. The samples were analyzed for the presence of volatile and semi-volatile organic compounds to determine if any of these compounds were present in the soil above Toxicity Characteristic Leachate Procedure maximums.

The weather conditions on December 15, 2006 were clear and cool with temperatures in the low to mid 60's. A stainless steel hand auger was utilized to reach sample depth. After reaching sample depth, the hand auger was cleaned with tap water and then rinsed thoroughly with deionized water.

Sample ID AL037-001 was collected from boring #1 at a depth of 3 feet. Sample ID AL037-002 was collected from boring #2 at a depth of 4 feet. The increase in depth for boring #2, was necessary to break through the leaf litter and other organic matter typical of wooded ground cover.

Results

Neither sample exhibited detectible levels of volatile or semi-volatile organic compounds (See Table 1). Specific compounds for which analysis was conducted can be found in the Laboratory Report found in Appendix B of this document.

Table 1

Sample ID	Volatiles	Semi-Volatiles
AL037-001	BDL	BDL
AL037-002	BDL	BDL

TCLP reported in milligrams per liter (mg/L)
BDL- Below detection limits

Gulf Coast LabNet provided laboratory services for Southeast Environmental LLC, and acted as billing agent for payment purposes only.

APPENDIX A
Sample Locations

AL037 Sample Locations
December 15, 2006

APPENDIX B
Lab Report

NELAP CERTIFICATE NUMBER 01955

To: Southeast Environmental

Job ID: Southeast Environmental

Attn: Scott Gardner

GCAL Report 206122122

Report Date 12/28/2006

ANALYTICAL RESULTS BY

GULF COAST ANALYTICAL LABORATORIES, INC.

Deliver To	Southeast Environmental 223 Palos Verdes Drive Troy, AL 36079
Attn	Scott Gardner

CASE NARRATIVE

Client: Southeast Environmental **Report:** 206122122

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

VOLATILES MASS SPECTROMETRY

In the SW-846 8260B analysis for analytical batch 339453, an MS/MSD was not reported. However, an LCS/LCSD is included for review.

In the SW-846 1311/8260B analysis, a dilution factor of 40 was performed; however, the TCLP regulatory limits were achieved.

SEMI-VOLATILES MASS SPECTROMETRY

In the SW-846 1311/8270C analysis for prep batch 339491, the MS/MSD exhibited sporadic recovery failures. The LCS/LCS RPD was above the control limit for Pyridine.

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates the result was Not Detected at the specified RDL
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
00:00	Reported as a time equivalent to 12:00 AM

Reporting Flags Utilized in this Report

J	Indicates an estimated value
U	Indicates the compound was analyzed for but not detected
B	(ORGANICS) Indicates the analyte was detected in the associated Method Blank
B	(INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with ISO Guide 25 and NELAC, this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

Curtis Ekker

CURTIS EKKER
DATA VALIDATION MANAGER
GCAL REPORT 206122122

THIS REPORT CONTAINS _____ PAGES.

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20612212201	AL037-001	Solid	12/15/2006 13:47	12/21/2006 11:15
20612212202	AL037-002	Solid	12/15/2006 14:30	12/21/2006 11:15

Summary of Compounds Detected

There were no detects

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20612212201	AL037-001	Solid	12/15/2006 13:47	12/21/2006 11:15

SW-846 8260B, TCLP Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			40	12/26/2006 18:41	AJV	339453

CAS#	Parameter	Result	RDL	MDL	Units
75-35-4	1,1-Dichloroethene	0.200U	0.200	0.00916	mg/L
107-06-2	1,2-Dichloroethane	0.200U	0.200	0.00820	mg/L
78-93-3	2-Butanone	0.200U	0.200	0.017	mg/L
71-43-2	Benzene	0.200U	0.200	0.00900	mg/L
56-23-5	Carbon tetrachloride	0.200U	0.200	0.00512	mg/L
108-90-7	Chlorobenzene	0.200U	0.200	0.00852	mg/L
67-66-3	Chloroform	0.200U	0.200	0.00776	mg/L
127-18-4	Tetrachloroethene	0.200U	0.200	0.00908	mg/L
79-01-6	Trichloroethene	0.200U	0.200	0.011	mg/L
75-01-4	Vinyl chloride	0.200U	0.200	0.00356	mg/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	2000	2240	ug/L	112	78 - 130
1868-53-7	Dibromofluoromethane	2000	2120	ug/L	106	77 - 127
2037-26-5	Toluene d8	2000	2430	ug/L	122	76 - 134
17060-07-0	1,2-Dichloroethane-d4	2000	1680	ug/L	84	71 - 127

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20612212201	AL037-001	Solid	12/15/2006 13:47	12/21/2006 11:15

SW-846 8270C, TCLP Semi-Voa

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
12/27/2006 11:00	339491	3510C	1	12/27/2006 16:31	SAB	339498

CAS#	Parameter	Result	RDL	MDL	Units
106-46-7	1,4-Dichlorobenzene	0.0500U	0.0500	0.0011	mg/L
95-95-4	2,4,5-Trichlorophenol	0.0500U	0.0500	0.0010	mg/L
88-06-2	2,4,6-Trichlorophenol	0.0500U	0.0500	0.0021	mg/L
121-14-2	2,4-Dinitrotoluene	0.0500U	0.0500	0.0036	mg/L
1319-77-3	Cresols	0.1000U	0.1000	0.0030	mg/L
118-74-1	Hexachlorobenzene	0.0500U	0.0500	0.0015	mg/L
87-68-3	Hexachlorobutadiene	0.0500U	0.0500	0.0017	mg/L
67-72-1	Hexachloroethane	0.0500U	0.0500	0.0016	mg/L
98-95-3	Nitrobenzene	0.0500U	0.0500	0.0008	mg/L
87-86-5	Pentachlorophenol	0.1000U	0.1000	0.0037	mg/L
110-86-1	Pyridine	0.0500U	0.0500	0.0182	mg/L
1319-77-3MP	m,p-Cresol	0.0500U	0.0500	0.0014	mg/L
95-48-7	o-Cresol	0.0500U	0.0500	0.0012	mg/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	250	188	ug/L	75	43 - 110
321-60-8	2-Fluorobiphenyl	250	186	ug/L	74	16 - 128
1718-51-0	Terphenyl-d14	250	193	ug/L	77	47 - 121
4165-62-2	Phenol-d5	500	125	ug/L	25	10 - 76
367-12-4	2-Fluorophenol	500	189	ug/L	38	24 - 96
118-79-6	2,4,6-Tribromophenol	500	411	ug/L	82	19 - 133

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20612212202	AL037-002	Solid	12/15/2006 14:30	12/21/2006 11:15

SW-846 8260B, TCLP Volatiles

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			40	12/26/2006 16:22	AJV	339453

CAS#	Parameter	Result	RDL	MDL	Units
75-35-4	1,1-Dichloroethene	0.200U	0.200	0.00916	mg/L
107-06-2	1,2-Dichloroethane	0.200U	0.200	0.00820	mg/L
78-93-3	2-Butanone	0.200U	0.200	0.017	mg/L
71-43-2	Benzene	0.200U	0.200	0.00900	mg/L
56-23-5	Carbon tetrachloride	0.200U	0.200	0.00512	mg/L
108-90-7	Chlorobenzene	0.200U	0.200	0.00852	mg/L
67-66-3	Chloroform	0.200U	0.200	0.00776	mg/L
127-18-4	Tetrachloroethene	0.200U	0.200	0.00908	mg/L
79-01-6	Trichloroethene	0.200U	0.200	0.011	mg/L
75-01-4	Vinyl chloride	0.200U	0.200	0.00356	mg/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	2000	2110	ug/L	106	78 - 130
1868-53-7	Dibromofluoromethane	2000	2270	ug/L	114	77 - 127
2037-26-5	Toluene d8	2000	2260	ug/L	113	76 - 134
17060-07-0	1,2-Dichloroethane-d4	2000	1970	ug/L	99	71 - 127

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20612212202	AL037-002	Solid	12/15/2006 14:30	12/21/2006 11:15

SW-846 8270C, TCLP Semi-Voa

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
12/27/2006 11:00	339491	3510C	1	12/27/2006 16:46	SAB	339498

CAS#	Parameter	Result	RDL	MDL	Units
106-46-7	1,4-Dichlorobenzene	0.0500U	0.0500	0.0011	mg/L
95-95-4	2,4,5-Trichlorophenol	0.0500U	0.0500	0.0010	mg/L
88-06-2	2,4,6-Trichlorophenol	0.0500U	0.0500	0.0021	mg/L
121-14-2	2,4-Dinitrotoluene	0.0500U	0.0500	0.0036	mg/L
1319-77-3	Cresols	0.1000U	0.1000	0.0030	mg/L
118-74-1	Hexachlorobenzene	0.0500U	0.0500	0.0015	mg/L
87-68-3	Hexachlorobutadiene	0.0500U	0.0500	0.0017	mg/L
67-72-1	Hexachloroethane	0.0500U	0.0500	0.0016	mg/L
98-95-3	Nitrobenzene	0.0500U	0.0500	0.0008	mg/L
87-86-5	Pentachlorophenol	0.1000U	0.1000	0.0037	mg/L
110-86-1	Pyridine	0.0500U	0.0500	0.0182	mg/L
1319-77-3MP	m,p-Cresol	0.0500U	0.0500	0.0014	mg/L
95-48-7	o-Cresol	0.0500U	0.0500	0.0012	mg/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0	Nitrobenzene-d5	250	171	ug/L	68	43 - 110
321-60-8	2-Fluorobiphenyl	250	172	ug/L	69	16 - 128
1718-51-0	Terphenyl-d14	250	171	ug/L	68	47 - 121
4165-62-2	Phenol-d5	500	112	ug/L	22	10 - 76
367-12-4	2-Fluorophenol	500	168	ug/L	34	24 - 96
118-79-6	2,4,6-Tribromophenol	500	353	ug/L	71	19 - 133

RESULTS REPORTED ON A WET WEIGHT BASIS

GC/MS Volatiles Quality Control Summary

Analytical Batch	339453	Client ID	MB339453			LCS339453			LCSD339453			
Prep Batch	N/A	GCAL ID	441724			441725			441726			
		Sample Type	Method Blank			LCS			LCSD			
		Analytical Date	12/26/2006 13:25			12/26/2006 12:36			12/26/2006 13:00			
		Matrix	Water			Water			Water			
SW-846 8260B, TCLP Volatiles		Units / Result	mg/L / RDL	Spike Added	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit
56-23-5	Carbon tetrachloride	0.00500U	0.00500	0.025	0.023	90	73 - 125	0.022	89	4	30
67-66-3	Chloroform	0.00500U	0.00500	0.025	0.023	93	75 - 120	0.023	91	0	30
107-06-2	1,2-Dichloroethane	0.00500U	0.00500	0.025	0.022	88	75 - 122	0.021	85	5	30
78-93-3	2-Butanone	0.00500U	0.00500	0.025	0.024	96	51 - 157	0.024	94	0	30
127-18-4	Tetrachloroethene	0.00500U	0.00500	0.025	0.029	114	77 - 129	0.027	108	7	30
75-01-4	Vinyl chloride	0.00500U	0.00500	0.025	0.024	94	69 - 130	0.022	89	9	30
75-35-4	1,1-Dichloroethene	0.00500U	0.00500	0.025	0.026	105	76 - 127	0.024	97	8	14
71-43-2	Benzene	0.00500U	0.00500	0.025	0.025	101	80 - 120	0.025	100	0	11
79-01-6	Trichloroethene	0.00500U	0.00500	0.025	0.028	111	79 - 121	0.026	105	7	14
108-90-7	Chlorobenzene	0.00500U	0.00500	0.025	0.028	112	80 - 125	0.028	110	0	13
Surrogate											
460-00-4	4-Bromofluorobenzene	52.1	104	50	58.2	116	78 - 130	56.7	113		
1868-53-7	Dibromofluoromethane	58.2	116	50	55.1	110	77 - 127	54.9	110		
2037-26-5	Toluene d8	56.9	114	50	59.4	119	76 - 134	59.7	119		
17060-07-0	1,2-Dichloroethane-d4	47.9	96	50	46	92	71 - 127	46.4	93		

GC/MS Semi-Volatiles Quality Control Summary

Analytical Batch	339498	Client ID	MB339491			LCS339491			LCSD339491			
Prep Batch	339491	GCAL ID	441796			441797			441798			
Prep Method	3510C	Sample Type	Method Blank			LCS			LCSD			
		Prep Date	12/27/2006 11:00			12/27/2006 11:00			12/27/2006 11:00			
		Analytical Date	12/27/2006 15:47			12/27/2006 16:01			12/27/2006 16:16			
		Matrix	Water			Water			Water			
SW-846 8270C, TCLP Semi-Voa		Units	mg/L	Spike	Result	% R	Control	Result	% R	RPD	RPD
		Result	RDL	Added			Limits % R				Limit
118-74-1	Hexachlorobenzene	0.0500U	0.0500	0.100	0.079	79	61 - 112	0.079	79	0	50
87-68-3	Hexachlorobutadiene	0.0500U	0.0500	0.100	0.055	55	17 - 105	0.059	59	7	50
67-72-1	Hexachloroethane	0.0500U	0.0500	0.100	0.047	47	21 - 130	0.052	52	10	50
95-48-7	o-Cresol	0.0500U	0.0500	0.100	0.064	64	31 - 110	0.065	65	2	50
98-95-3	Nitrobenzene	0.0500U	0.0500	0.100	0.068	68	53 - 113	0.070	70	3	50
95-95-4	2,4,5-Trichlorophenol	0.0500U	0.0500	0.100	0.076	76	60 - 116	0.084	84	10	50
88-06-2	2,4,6-Trichlorophenol	0.0500U	0.0500	0.100	0.079	79	59 - 115	0.080	80	1	50
110-86-1	Pyridine	0.0500U	0.0500	0.100	0.047	47	2 - 130	0.103	103	75*	50
1319-77-3	Cresols	0.1000U	0.1000								
1319-77-3MP	m,p-Cresol	0.0500U	0.0500	0.100	0.064	64	24 - 104	0.064	64	0	50
106-46-7	1,4-Dichlorobenzene	0.0500U	0.0500	0.100	0.056	56	22 - 104	0.059	59	5	30
121-14-2	2,4-Dinitrotoluene	0.0500U	0.0500	0.100	0.076	76	37 - 138	0.078	78	3	33
87-86-5	Pentachlorophenol	0.1000U	0.1000	0.100	0.081	81	25 - 158	0.079	79	3	32
Surrogate											
4165-60-0	Nitrobenzene-d5	37.3	75	50	37.1	74	43 - 110	38.6	77		
321-60-8	2-Fluorobiphenyl	38.5	77	50	41	82	16 - 128	38.8	78		
1718-51-0	Terphenyl-d14	39.2	78	50	41.4	83	47 - 121	38.7	77		
4165-62-2	Phenol-d5	37.3	37	100	38.5	39	10 - 76	41	41		
367-12-4	2-Fluorophenol	51.8	52	100	51.2	51	24 - 96	57.6	58		
118-79-6	2,4,6-Tribromophenol	81.3	81	100	82.5	83	19 - 133	91	91		

Analytical Batch	339568	Client ID	LL-10777			440327MS			440327MSD			
Prep Batch	339491	GCAL ID	20612203201			441799			441800			
Prep Method	3510C	Sample Type	SAMPLE			MS			MSD			
		Prep Date	12/27/2006 11:00			12/27/2006 11:00			12/27/2006 11:00			
		Analytical Date	12/28/2006 14:06			12/28/2006 14:21			12/28/2006 14:36			
		Matrix	Solid			Solid			Solid			
SW-846 8270C, TCLP Semi-Voa		Units	mg/L	Spike	Result	% R	Control	Result	% R	RPD	RPD
		Result	RDL	Added			Limits % R				Limit
118-74-1	Hexachlorobenzene	0.00	0.2500	0.500	0.396	79	61 - 112	0.389	78	2	50
87-68-3	Hexachlorobutadiene	0.011	0.2500	0.500	0.266	51	17 - 105	0.275	53	3	50

GC/MS Semi-Volatiles Quality Control Summary

Analytical Batch 339568	**Client ID**	LL-10777	440327MS	440327MSD
Prep Batch 339491	**GCAL ID**	20612203201	441799	441800
Prep Method 3510C	**Sample Type**	SAMPLE	MS	MSD
	Prep Date	12/27/2006 11:00	12/27/2006 11:00	12/27/2006 11:00
	Analytical Date	12/28/2006 14:06	12/28/2006 14:21	12/28/2006 14:36
	Matrix	Solid	Solid	Solid

SW-846 8270C, TCLP Semi-Voa		**Units** Result	mg/L RDL	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
67-72-1	Hexachloroethane	0.00	0.2500	0.500	0.247	49	21 - 130	0.245	49	0.8	50
95-48-7	o-Cresol	0.00	0.2500	0.500	0.281	56	31 - 110	0.281	56	0	50
98-95-3	Nitrobenzene	0.00	0.2500	0.500	0.352	70	53 - 113	0.355	71	0.8	50
95-95-4	2,4,5-Trichlorophenol	0.00	0.2500	0.500	0.354	71	60 - 116	0.394	79	11	50
88-06-2	2,4,6-Trichlorophenol	0.000670	0.2500	0.500	0.389	78	59 - 115	0.418	83	7	50
110-86-1	Pyridine	0.00	0.2500	0.500	0.472	94*	2 - 75	0.480	96*	2	50
1319-77-3MP	m,p-Cresol	0.00	0.2500	0.500	0.275	55	24 - 104	0.267	53	3	50
106-46-7	1,4-Dichlorobenzene	0.00953	0.2500	0.500	0.293	57	22 - 104	0.287	55	2	30
121-14-2	2,4-Dinitrotoluene	0.00	0.2500	0.500	0.365	73	37 - 138	0.441	88	19	33
87-86-5	Pentachlorophenol	0.00	0.5000	0.500	0.349	70	25 - 158	0.360	72	3	32
Surrogate											
4165-60-0	Nitrobenzene-d5			250	192	77	43 - 110	199	80		
321-60-8	2-Fluorobiphenyl			250	198	79	16 - 128	217	87		
1718-51-0	Terphenyl-d14			250	228	91	47 - 121	250	100		
4165-62-2	Phenol-d5			500	149	30	10 - 76	155	31		
367-12-4	2-Fluorophenol			500	201	40	24 - 96	226	45		
118-79-6	2,4,6-Tribromophenol			500	405	81	19 - 133	470	94		

labnet/4564/20612212/12-27-06

Chain of Custody Record

Lab Report No.:

PAGE 01/01

LABNET

12516251299

12/18/2006 15:27

Company: Southeast Environmental LLC Address: 223 Palos Verdes Dr. Troy, AL 36079	**Gulf Coast LabNet, Inc.** An Environmental Lab Services Co. Phone: (251) 625-1331 Fax: (251) 625-1299	Modified from DEP Form #: 62-770.900(2) — Page of FDEP Facility No.: Project Name: Location: Project No.:

Attn: Scott Gardner — Phone: 334-268-3918 — Fax: 334-566-2944

Sampled by [Print Name]/Affiliation: Scott Gardner — Sampler Signature:

Item No.	Field ID No.	Sampled Date	Sampled Time	Grab or Comp.	Matrix Codes	No. Cont.	Ice TCLP Volatiles	Ice TCLP Semi-Vols	Remarks	Lab. No.
1	AL037-001	12/15/06	1:47	GR	SO	2			Samples preserved @ 4°C since sample Date. (Refrigerated)	1
2	AL037-002	12/15/06	2:30	GR	SO	2				2

← Preservative

← Analysis

REQUESTED DUE DATE

4 ← Total Number of Containers

Shipment Method

Out: 12/20/06 Via: UPS

Returned: / / Via:

Additional Comments Bill to:
Gulf Coast Lab Net
6389 Spanish Ft Blvd
Spanish Ft., AL 36527

Item #	Relinquished by / Affiliation	Date	Time	Accepted by / Affiliation	Date	Time
	Scott Gardner	12/20/06	3:30			
	UPS	12-21-06	1115	[illegible]	12-21-06	1115

Cooler No.(s) / Temperature(s) (°C)	Sampling Kit No.	Equipment ID No.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATIVE CODES: H = Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify)

APPENDIX E

REGULATORY DATABASE SEARCH REPORTS

"Linking Technology with Tradition"®

Sanborn® Map Report

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

Order Date: 7/14/2006 **Completion Date:** 7/14/2006
Inquiry #: 1715536.108
P.O. #: NA
Site Name: BG WILLIAM P. SCREWS USARC
Address: 4050 ATLANTA HIGHWAY
City/State: MONTGOMERY, AL 36109
Cross Streets:

Customer Project: USARC
1022764WEI 502-212-5039

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

The EDR-City Directory
Abstract

BG WILLIAM P. SCREWS USARC
4050 ATLANTA HIGHWAY
MONTGOMERY, AL 36109

Inquiry Number: 1715536.111

Wednesday, July 26, 2006

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

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

EDR City Directory Abstract

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

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

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 1965 through 2005. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

Date EDR Searched Historical Sources: July 26, 2006

Target Property:
4050 ATLANTA HIGHWAY
MONTGOMERY, AL 36109

Year	Uses	Source
1965	US Army Reserve	Polk's City Directory
1970	US Army Reserve	Polk's City Directory
1975	US Army Reserve	Polk's City Directory
1980	US Army Reserve	Polk's City Directory
1985	US Army Reserve	Polk's City Directory
1990	US Army Reserve	Polk's City Directory
1995	US Army Reserve	Polk's City Directory
2000	US Army Reserve	Polk's City Directory
2005	US Army Reserve	Polk's City Directory

Adjoining Properties

SURROUNDING

Multiple Addresses
MONTGOMERY, AL 36109

Year	Uses	Source
1965	****Atlanta Highway****	Polk's City Directory
	Davis Restaurant (3949)	Polk's City Directory
	Thomas L Head Elementary School (3950)	Polk's City Directory
	Bellhurst Enco (4100)	Polk's City Directory
	Residence (4109)	Polk's City Directory
	No other addresses in 3949-4121 range	Polk's City Directory
1970	****Atlanta Highway****	Polk's City Directory

Year	***Uses***	***Source***
1970	Davis Restaurant (3949)	Polk's City Directory
	Thomas L Head Elementary School (3950)	Polk's City Directory
	Bellhurst Enco (4100)	Polk's City Directory
	Residence (4109)	Polk's City Directory
	No other addresses in 3949-4121 range	Polk's City Directory
1975	****Atlanta Highway****	Polk's City Directory
	Davis Restaurant (3949)	Polk's City Directory
	Thomas L Head Elementary School (3950)	Polk's City Directory
	Bellhurst Enco (4100)	Polk's City Directory
	Residence (4109)	Polk's City Directory
	No other addresses in 3949-4121 range	Polk's City Directory
1980	****Atlanta Highway****	Polk's City Directory
	Southern Bank (3949)	Polk's City Directory
	Head Elementary School (3950)	Polk's City Directory
	Big Apple Discount (4041)	Polk's City Directory
	KMart (4041)	Polk's City Directory
	Bellhurst Exxon Service Center (4100)	Polk's City Directory
	Residence (4109)	Polk's City Directory
	No other addresses in 3949-4121 range	Polk's City Directory
1985	****Atlanta Highway****	Polk's City Directory
	Southern Bank (3949)	Polk's City Directory
	Head Elementary School (3950)	Polk's City Directory

Year	***Uses***	***Source***
1985	Big Apple Discount (4041)	Polk's City Directory
	KMart (4041)	Polk's City Directory
	Bellhurst Exxon Service Center (4100)	Polk's City Directory
	Residence (4109)	Polk's City Directory
	No other addresses in 3949-4121 range	Polk's City Directory
1990	****Atlanta Highway****	Polk's City Directory
	South Trust Bank (3949)	Polk's City Directory
	Head Elementary School (3950)	Polk's City Directory
	KMart (4041)	Polk's City Directory
	Bellhurst Exxon Service Center (4100)	Polk's City Directory
	Vacant (4109)	Polk's City Directory
	No other addresses in 3949-4121 range	Polk's City Directory
1995	****Atlanta Highway****	Polk's City Directory
	South Trust Bank (3949)	Polk's City Directory
	Head Elementary School (3950)	Polk's City Directory
	KMart (4041)	Polk's City Directory
	Bellhurst Exxon Service Center (4100)	Polk's City Directory
	Vacant (4109)	Polk's City Directory
	No other addresses in 3949-4121 range	Polk's City Directory
2000	****Atlanta Highway****	Polk's City Directory
	South Trust Bank (3949)	Polk's City Directory
	Head Elementary School (3950)	Polk's City Directory

Year	***Uses***	***Source***
2000	Dooley & Mac Construction (4041)	Polk's City Directory
	Beeline (4100)	Polk's City Directory
	NAPA (4101)	Polk's City Directory
	No other addresses in 3949-4121 range	Polk's City Directory
2005	****Atlanta Highway****	Polk's City Directory
	South Trust Bank (3949)	Polk's City Directory
	Head Elementary School (3950)	Polk's City Directory
	Dooley & Mac Construction (4041)	Polk's City Directory
	Beeline (4100)	Polk's City Directory
	NAPA (4101)	Polk's City Directory
	Childs Performance Exhaust Inc (4121)	Polk's City Directory

The EDR Radius Map
with GeoCheck®

BG WILLIAM P. SCREWS USARC
4050 ATLANTA HIGHWAY
MONTGOMERY, AL 36109

Inquiry Number: 01715536.107r

July 14, 2006

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

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

TABLE OF CONTENTS

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

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

4050 ATLANTA HIGHWAY
MONTGOMERY, AL 36109

COORDINATES

Latitude (North):	32.382000 - 32° 22' 55.2''
Longitude (West):	86.242200 - 86° 14' 31.9''
Universal Tranverse Mercator:	Zone 16
UTM X (Meters):	571282.3
UTM Y (Meters):	3582842.2
Elevation:	277 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	32086-D2 WILLOW SPRINGS, AL
Most Recent Revision:	1987
South Map:	32086-C2 BARACHIAS, AL
Most Recent Revision:	1987
Southwest Map:	32086-C3 MONTGOMERY SOUTH, AL
Most Recent Revision:	1987
West Map:	32086-D3 MONTGOMERY NORTH, AL
Most Recent Revision:	1987

TARGET PROPERTY SEARCH RESULTS

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

Site	Database(s)	EPA ID
U S ARMY RESERVE CENTER 4050 ATLANTA HWY MONTGOMERY, AL 36109	UST	N/A

EXECUTIVE SUMMARY

DATABASES WITH NO MAPPED SITES

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

FEDERAL RECORDS

NPL	National Priority List
Proposed NPL	Proposed National Priority List Sites
Delisted NPL	National Priority List Deletions
NPL RECOVERY	Federal Superfund Liens
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP	CERCLIS No Further Remedial Action Planned
CORRACTS	Corrective Action Report
RCRA-TSDF	Resource Conservation and Recovery Act Information
RCRA-LQG	Resource Conservation and Recovery Act Information
ERNS	Emergency Response Notification System
HMIRS	Hazardous Materials Information Reporting System
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
US BROWNFIELDS	A Listing of Brownfields Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
ODI	Open Dump Inventory
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

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

EXECUTIVE SUMMARY

TIER 2 Tier 2 Data Listing

TRIBAL RECORDS

INDIAN RESERV Indian Reservations

EDR PROPRIETARY RECORDS

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

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

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

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

FEDERAL RECORDS

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

A review of the RCRA-SQG list, as provided by EDR, and dated 03/09/2006 has revealed that there are 3 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
PENSKE AUTO CENTER	***4041 ATLANTA HWY***	***0 - 1/8 NW***	***A3***	***7***
EXXON CO USA # 50556	***4100 ATLANTA HIGHWAY***	***0 - 1/8 ESE***	***B6***	***13***
AMERICAN LUBEFAST LLC #604	***4131 ATLANTA HIGHWAY***	***1/8 - 1/4 E***	***7***	***13***

EXECUTIVE SUMMARY

STATE AND LOCAL RECORDS

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Management's Leaking Underground Storage Tank Listing.

A review of the LUST list, as provided by EDR, and dated 03/27/2006 has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
SPECTRUM #28 No Further Action Issued: Yes	4291 ATLANTA HWY	1/4 - 1/2 E	10	17

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

A review of the UST list, as provided by EDR, and dated 04/17/2006 has revealed that there are 5 UST sites within approximately 0.25 miles of the target property.

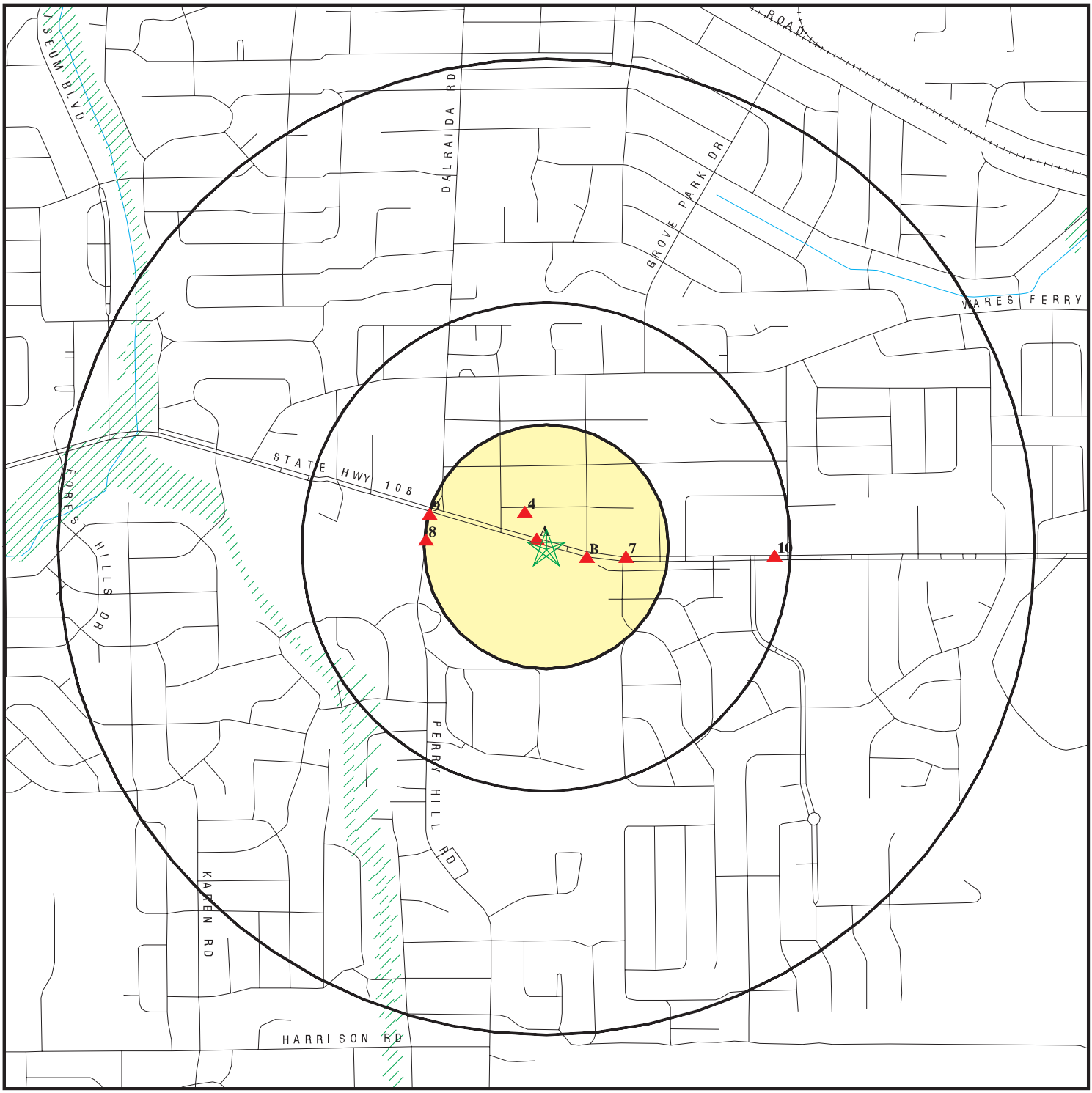
Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
KMART #3132	4041 ATLANTA HWY	0 - 1/8 NW	A2	6
GREENWOOD CEMETERY	PO BOX 3175 HIGHLAND AV	0 - 1/8 NNW	4	8
BEE LINE #646	4100 ATLANTA HWY	0 - 1/8 ESE	B5	8
ZIPPY MART AL 626	18 PERRY HILL RD	1/8 - 1/4 W	8	13
GULF SERVICE STATION #307918	3893 ATLANTA HWY	1/8 - 1/4 WNW	9	15

EXECUTIVE SUMMARY

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

Site Name	Database(s)
TROY HWY DUMP SITE	SHWS
DANNELLY FIELD AIR NATIONAL GUARD	SHWS
MONTGOMERY COUNTY JAIL SITE	SHWS, VCP
CSX WESTERN YARD-CSX	SHWS
RED EAGLE HONOUR FARM	SHWS
MONTGOMERY, CITY OF	VCP
STANDARD FORGE & AXLE	LUST
187 TACTICAL FIGHTER GROUP	LUST
OMS 18	LUST
WACV TRANSMITTER TOWER	LUST
RACETRAC #700	LUST
MONTGOMERY READY MIX	UST
CLEAN PROPERTIES LLC	UST
JOHNSON RESIDENCE	RCRA-SQG
EXXON CO USA #53797	RCRA-SQG, FINDS
A&P AUTOMOTIVE INC	ICIS

OVERVIEW MAP - 01715536.107r



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Areas of Concern

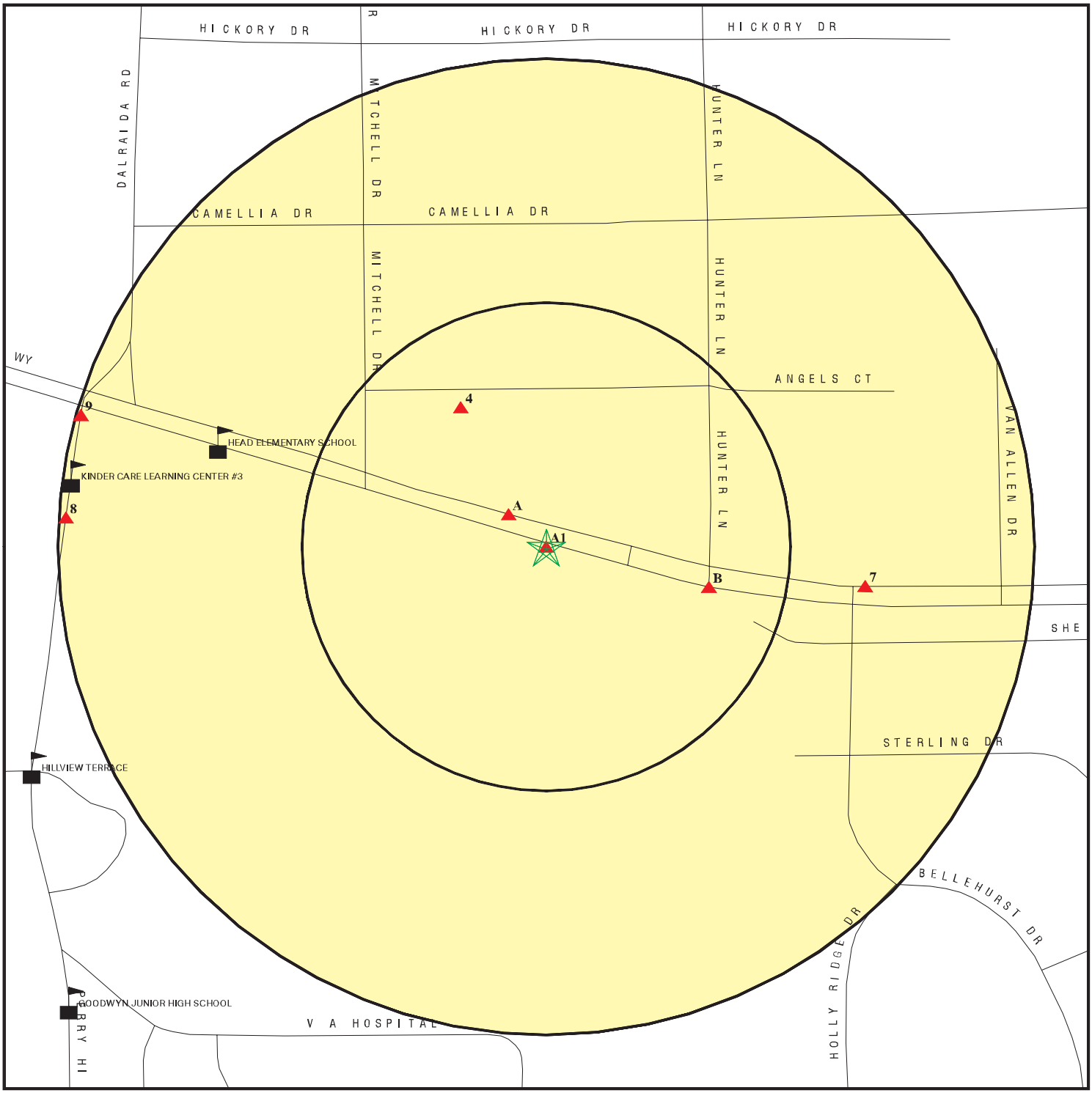
0 1/4 1/2 1 Miles

N

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: BG WILLIAM P. SCREWS USARC ADDRESS: 4050 ATLANTA HIGHWAY MONTGOMERY AL 36109 LAT/LONG: 32.3820 / 86.2422	CLIENT: FMSM Engineers CONTACT: Robert Newman INQUIRY #: 01715536.107r DATE: July 14, 2006

DETAIL MAP - 01715536.107r



0 1/16 1/8 1/4 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Areas of Concern

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

SITE NAME: BG WILLIAM P. SCREWS USARC	CLIENT: FMSM Engineers
ADDRESS: 4050 ATLANTA HIGHWAY MONTGOMERY AL 36109	CONTACT: Robert Newman
LAT/LONG: 32.3820 / 86.2422	INQUIRY #: 01715536.107r DATE: July 14, 2006

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL RECORDS								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL RECOVERY		TP	NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	0	0	0	NR	NR	0
CORRACTS		1.000	0	0	0	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	2	1	NR	NR	NR	3
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	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
STATE AND LOCAL RECORDS								
State Haz. Waste		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
SWRCY		0.500	0	0	0	NR	NR	0
LUST		0.500	0	0	1	NR	NR	1
AOCONCERN		1.000	0	0	0	0	NR	0
UST	X	0.250	3	2	NR	NR	NR	5
LAST		0.500	0	0	0	NR	NR	0
AST		0.250	0	0	NR	NR	NR	0
SPILLS		TP	NR	NR	NR	NR	NR	0
INST CONTROL		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
BROWNFIELDS		0.500	0	0	0	NR	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
TIER 2		TP	NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

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

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1
Target
Property

U S ARMY RESERVE CENTER
4050 ATLANTA HWY
MONTGOMERY, AL 36109

UST

U001860513
N/A

Site 1 of 3 in cluster A

Actual:
277 ft.

UST:

Facility ID:	11436 101 11350	County Code:	101
Account Number:	11436	Site ID:	11350
Owner:	DEPARTMENT OF THE ARMY RESERVE COMM		
Owner Address:	HDQ 121ST 255 W OXMOOR RD		
Owner CSZ:	BIRMINGHAM, AL 35209 6383		
Owner Phone:	2059409118		
Owner Contact:	ROBERT WINDLE/ DEBORAH EASTERWOOD		
Contact Name:	RONALD M WARD		
Contact Phone:	2052445653		
Tank Number:	9643	Capacity:	1000
Tank Status:	**Permanently Closed**		
Install Date:	01/01/01		
Sold Date:	01/01/01	Removal Date:	12/09/92
Compartments:	1		
Tank Contents:	Unleaded Gasoline		
Tank Usage:	State/Federal Government		
Tank Construction Material:	Not reported		
Tank Corrosion Protection:	Not reported		
External Pipe Protection Installed Date:	01/01/01		
Piping Material of Construction:	Not reported		
Other Pipe:	Not reported		
Total Regulated Tanks Owned:	0		
Total Sites:	0		
Total Permanently Out Tanks:	1		
Regulated Tanks This Fiscal Year:	0		
Tanks On Indain Land:	Not reported		
Number of AST's:	0		
Total Temp Closed Tanks:	0		
Number Of Retired Tanks:	0		

A2
NW
< 1/8
134 ft.

KMART #3132
4041 ATLANTA HWY
MONTGOMERY, AL 36109

UST

U001467883
N/A

Site 2 of 3 in cluster A

Relative:
Higher

Actual:
279 ft.

UST:

Facility ID:	12978 101 1491	County Code:	101
Account Number:	12978	Site ID:	1491
Owner:	KMART CORP		
Owner Address:	3100 W BIG BEAVER		
Owner CSZ:	TROY, MI 48084		
Owner Phone:	3136431790		
Owner Contact:	A H CLARKE		
Contact Name:	R K MEADE		
Contact Phone:	2052772500		
Tank Number:	19061	Capacity:	1000
Tank Status:	**Permanently Closed**		
Install Date:	01/01/71		
Sold Date:	01/01/01	Removal Date:	11/28/91
Compartments:	1		
Tank Contents:	Used Oil		
Tank Usage:	Not reported		

KMART #3132 (Continued) **U001467883**

Tank Construction Material:	Steel
Tank Corrosion Protection:	None or Painted (ex. asphalt)
External Pipe Protection Installed Date:	01/01/01
Piping Material of Construction:	Bare Steel
Other Pipe:	Not reported
Total Regulated Tanks Owned:	0
Total Sites:	0
Total Permanently Out Tanks:	1
Regulated Tanks This Fiscal Year:	0
Tanks On Indain Land:	Not reported
Number of AST's:	0
Total Temp Closed Tanks:	0
Number Of Retired Tanks:	2

A3 **PENSKE AUTO CENTER** **RCRA-SQG** **1004671374**
NW **4041 ATLANTA HWY** **FINDS** **ALR000003327**
< 1/8 **MONTGOMERY, AL 36109**
134 ft.

Site 3 of 3 in cluster A

Relative:
Higher

Actual:
279 ft.

RCRAInfo:

Owner:	PENSKE AUTO CENTER INC (810) 614-1116
EPA ID:	ALR000003327
Contact:	MICHAEL BOENING (404) 555-1212
Classification:	Small Quantity Generator
TSDF Activities:	Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

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.

4
NNW
< 1/8
442 ft.

GREENWOOD CEMETERY — **UST** — **U001468299**
PO BOX 3175 HIGHLAND AVE — **N/A**
MONTGOMERY, AL 36109

Relative:
Higher

Actual:
280 ft.

UST:

Facility ID:	12530 101 4401	County Code:	101
Account Number:	12530	Site ID:	4401
Owner:	INTERSTATE OIL CO INC		
Owner Address:	P O BOX 967		
Owner CSZ:	MONTGOMERY, AL 36101 967		
Owner Phone:	3342627301		
Owner Contact:	RICK NORTON EXT 113		
Contact Name:	DON GRAVES		
Contact Phone:	2052723181		
Tank Number:	16507	Capacity:	550
Tank Status:	**Permanently Closed**		
Install Date:	01/01/74		
Sold Date:	01/01/01	Removal Date:	12/01/88
Compartments:	1		
Tank Contents:	Unleaded Gasoline		
Tank Usage:	Not reported		
Tank Construction Material:	Steel		
Tank Corrosion Protection:	None or Painted (ex. asphalt)		
External Pipe Protection Installed Date:	01/01/01		
Piping Material of Construction:	Bare Steel		
Other Pipe:	Not reported		
Total Regulated Tanks Owned:	0		
Total Sites:	0		
Total Permanently Out Tanks:	1		
Regulated Tanks This Fiscal Year:	0		
Tanks On Indain Land:	Not reported		
Number of AST's:	0		
Total Temp Closed Tanks:	0		
Number Of Retired Tanks:	0		

B5
ESE
< 1/8
453 ft.

BEE LINE #646 — **UST** — **U003549494**
4100 ATLANTA HWY — **N/A**
MONTGOMERY, AL 36109

Site 1 of 2 in cluster B

Relative:
Equal

Actual:
277 ft.

UST:

Facility ID:	22359 101 5789	County Code:	101
Account Number:	22359	Site ID:	5789
Owner:	PREM INVESTMENTS OF AL LLC		
Owner Address:	2018 SOUTH CHICKASAW TRAIL		
Owner CSZ:	ORLANDO, FL 32825		
Owner Phone:	4073841168		
Owner Contact:	NEIL KAPODIA		
Contact Name:	DANNY HELMS		
Contact Phone:	3342729886		
Tank Number:	11441	Capacity:	1000
Tank Status:	**Permanently Closed**		
Install Date:	01/01/66		
Sold Date:	01/01/01	Removal Date:	11/07/88
Compartments:	1		
Tank Contents:	Used Oil		
Tank Usage:	Not reported		
Tank Construction Material:	Steel		

BEE LINE #646 (Continued) **U003549494**

Tank Corrosion Protection:	Cathodic Protection
External Pipe Protection Installed Date:	01/01/01
Piping Material of Construction:	Bare Steel
Other Pipe:	Not reported
Total Regulated Tanks Owned:	3
Total Sites:	3
Total Permanently Out Tanks:	5
Regulated Tanks This Fiscal Year:	3
Tanks On Indain Land:	Not reported
Number of AST's:	0
Total Temp Closed Tanks:	0
Number Of Retired Tanks:	0

Facility ID:	22359 101 5789	County Code:	101
Account Number:	22359	Site ID:	5789
Owner:	PREM INVESTMENTS OF AL LLC		
Owner Address:	2018 SOUTH CHICKASAW TRAIL		
Owner CSZ:	ORLANDO, FL 32825		
Owner Phone:	4073841168		
Owner Contact:	NEIL KAPODIA		
Contact Name:	DANNY HELMS		
Contact Phone:	3342729886		
Tank Number:	11442	Capacity:	6000
Tank Status:	**Permanently Closed**		
Install Date:	01/01/66		
Sold Date:	01/01/01	Removal Date:	11/07/88
Compartments:	1		
Tank Contents:	Unleaded Gasoline		
Tank Usage:	Not reported		
Tank Construction Material:	Steel		
Tank Corrosion Protection:	Cathodic Protection		
External Pipe Protection Installed Date:	01/01/01		
Piping Material of Construction:	Bare Steel		
Other Pipe:	Not reported		
Total Regulated Tanks Owned:	3		
Total Sites:	3		
Total Permanently Out Tanks:	5		
Regulated Tanks This Fiscal Year:	3		
Tanks On Indain Land:	Not reported		
Number of AST's:	0		
Total Temp Closed Tanks:	0		
Number Of Retired Tanks:	0		

Facility ID:	22359 101 5789	County Code:	101
Account Number:	22359	Site ID:	5789
Owner:	PREM INVESTMENTS OF AL LLC		
Owner Address:	2018 SOUTH CHICKASAW TRAIL		
Owner CSZ:	ORLANDO, FL 32825		
Owner Phone:	4073841168		
Owner Contact:	NEIL KAPODIA		
Contact Name:	DANNY HELMS		
Contact Phone:	3342729886		
Tank Number:	11443	Capacity:	6000
Tank Status:	**Permanently Closed**		
Install Date:	01/01/66		
Sold Date:	01/01/01	Removal Date:	11/07/88
Compartments:	1		

BEE LINE #646 (Continued) **U003549494**

Tank Contents:	Unleaded Gasoline
Tank Usage:	Not reported
Tank Construction Material:	Steel
Tank Corrosion Protection:	Cathodic Protection
External Pipe Protection Installed Date:	01/01/01
Piping Material of Construction:	Bare Steel
Other Pipe:	Not reported
Total Regulated Tanks Owned:	3
Total Sites:	3
Total Permanently Out Tanks:	5
Regulated Tanks This Fiscal Year:	3
Tanks On Indain Land:	Not reported
Number of AST's:	0
Total Temp Closed Tanks:	0
Number Of Retired Tanks:	0

Facility ID:	22359 101 5789	County Code:	101
Account Number:	22359	Site ID:	5789
Owner:	PREM INVESTMENTS OF AL LLC		
Owner Address:	2018 SOUTH CHICKASAW TRAIL		
Owner CSZ:	ORLANDO, FL 32825		
Owner Phone:	4073841168		
Owner Contact:	NEIL KAPODIA		
Contact Name:	DANNY HELMS		
Contact Phone:	3342729886		
Tank Number:	11444	Capacity:	6000
Tank Status:	**Permanently Closed**		
Install Date:	01/01/66		
Sold Date:	01/01/01	Removal Date:	11/07/88
Compartments:	1		
Tank Contents:	Unleaded Gasoline		
Tank Usage:	Not reported		
Tank Construction Material:	Steel		
Tank Corrosion Protection:	Cathodic Protection		
External Pipe Protection Installed Date:	01/01/01		
Piping Material of Construction:	Bare Steel		
Other Pipe:	Not reported		
Total Regulated Tanks Owned:	3		
Total Sites:	3		
Total Permanently Out Tanks:	5		
Regulated Tanks This Fiscal Year:	3		
Tanks On Indain Land:	Not reported		
Number of AST's:	0		
Total Temp Closed Tanks:	0		
Number Of Retired Tanks:	0		

Facility ID:	22359 101 5789	County Code:	101
Account Number:	22359	Site ID:	5789
Owner:	PREM INVESTMENTS OF AL LLC		
Owner Address:	2018 SOUTH CHICKASAW TRAIL		
Owner CSZ:	ORLANDO, FL 32825		
Owner Phone:	4073841168		
Owner Contact:	NEIL KAPODIA		
Contact Name:	DANNY HELMS		
Contact Phone:	3342729886		
Tank Number:	11380	Capacity:	9346
Tank Status:	**Currently In Use**		

BEE LINE #646 (Continued) **U003549494**

Install Date:	10/30/87		
Sold Date:	01/01/01	Removal Date:	01/01/01
Compartments:	1		
Tank Contents:	Unleaded Gasoline		
Tank Usage:	Retail		
Tank Construction Material:	Fiberglass/Plastic		
Tank Corrosion Protection:	Fiberglass Coated		
External Pipe Protection Installed Date:	01/01/01		
Piping Material of Construction:	Fiberglass/Plastic		
Other Pipe:	Not reported		
Total Regulated Tanks Owned:	3		
Total Sites:	3		
Total Permanently Out Tanks:	5		
Regulated Tanks This Fiscal Year:	3		
Tanks On Indain Land:	Not reported		
Number of AST's:	0		
Total Temp Closed Tanks:	0		
Number Of Retired Tanks:	0		

Facility ID:	22359 101 5789	County Code:	101
Account Number:	22359	Site ID:	5789
Owner:	PREM INVESTMENTS OF AL LLC		
Owner Address:	2018 SOUTH CHICKASAW TRAIL		
Owner CSZ:	ORLANDO, FL 32825		
Owner Phone:	4073841168		
Owner Contact:	NEIL KAPODIA		
Contact Name:	DANNY HELMS		
Contact Phone:	3342729886		
Tank Number:	11381	Capacity:	9346
Tank Status:	**Currently In Use**		
Install Date:	10/30/87		
Sold Date:	01/01/01	Removal Date:	01/01/01
Compartments:	1		
Tank Contents:	Mid-grade Gasoline		
Tank Usage:	Retail		
Tank Construction Material:	Fiberglass/Plastic		
Tank Corrosion Protection:	Fiberglass Coated		
External Pipe Protection Installed Date:	01/01/01		
Piping Material of Construction:	Fiberglass/Plastic		
Other Pipe:	Not reported		
Total Regulated Tanks Owned:	3		
Total Sites:	3		
Total Permanently Out Tanks:	5		
Regulated Tanks This Fiscal Year:	3		
Tanks On Indain Land:	Not reported		
Number of AST's:	0		
Total Temp Closed Tanks:	0		
Number Of Retired Tanks:	0		

Facility ID:	22359 101 5789	County Code:	101
Account Number:	22359	Site ID:	5789
Owner:	PREM INVESTMENTS OF AL LLC		
Owner Address:	2018 SOUTH CHICKASAW TRAIL		
Owner CSZ:	ORLANDO, FL 32825		
Owner Phone:	4073841168		
Owner Contact:	NEIL KAPODIA		
Contact Name:	DANNY HELMS		

BEE LINE #646 (Continued) **U003549494**

Contact Phone:	3342729886		
Tank Number:	11382	Capacity:	9346
Tank Status:	**Currently In Use**		
Install Date:	10/30/87		
Sold Date:	01/01/01	Removal Date:	01/01/01
Compartments:	1		
Tank Contents:	Premium Gasoline		
Tank Usage:	Retail		
Tank Construction Material:	Fiberglass/Plastic		
Tank Corrosion Protection:	Fiberglass Coated		
External Pipe Protection Installed Date:	01/01/01		
Piping Material of Construction:	Fiberglass/Plastic		
Other Pipe:	Not reported		
Total Regulated Tanks Owned:	3		
Total Sites:	3		
Total Permanently Out Tanks:	5		
Regulated Tanks This Fiscal Year:	3		
Tanks On Indain Land:	Not reported		
Number of AST's:	0		
Total Temp Closed Tanks:	0		
Number Of Retired Tanks:	0		

Facility ID:	22359 101 5789	County Code:	101
Account Number:	22359	Site ID:	5789
Owner:	PREM INVESTMENTS OF AL LLC		
Owner Address:	2018 SOUTH CHICKASAW TRAIL		
Owner CSZ:	ORLANDO, FL 32825		
Owner Phone:	4073841168		
Owner Contact:	NEIL KAPODIA		
Contact Name:	DANNY HELMS		
Contact Phone:	3342729886		
Tank Number:	11383	Capacity:	1000
Tank Status:	**Permanently Closed**		
Install Date:	10/30/87		
Sold Date:	01/01/01	Removal Date:	01/18/00
Compartments:	1		
Tank Contents:	Used Oil		
Tank Usage:	Retail		
Tank Construction Material:	Fiberglass/Plastic		
Tank Corrosion Protection:	Fiberglass Coated		
External Pipe Protection Installed Date:	01/01/01		
Piping Material of Construction:	Fiberglass/Plastic		
Other Pipe:	Not reported		
Total Regulated Tanks Owned:	3		
Total Sites:	3		
Total Permanently Out Tanks:	5		
Regulated Tanks This Fiscal Year:	3		
Tanks On Indain Land:	Not reported		
Number of AST's:	0		
Total Temp Closed Tanks:	0		
Number Of Retired Tanks:	0		

B6
ESE
< 1/8
453 ft.

Relative:
Equal

Actual:
277 ft.

EXXON CO USA # 50556
4100 ATLANTA HIGHWAY
MONTGOMERY, AL 36105

RCRA-SQG **1004670796**
FINDS **ALD983170853**

Site 2 of 2 in cluster B

RCRAInfo:
Owner: EDDIE L. PRUITT
(334) 555-1212
EPA ID: ALD983170853
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

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.

7
East
1/8-1/4
869 ft.

Relative:
Higher

Actual:
281 ft.

AMERICAN LUBEFAST LLC #604
4131 ATLANTA HIGHWAY
MONTGOMERY, AL 36109

RCRA-SQG **1004672580**
FINDS **ALR000022897**

RCRAInfo:
Owner: AMERICAN LUBEFAST LLC
(770) 995-6312
EPA ID: ALR000022897
Contact: DANIEL HINCHEE
(770) 995-6312
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

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.

8
West
1/8-1/4
1300 ft.

Relative:
Higher

Actual:
283 ft.

ZIPPY MART AL 626
18 PERRY HILL RD
MONTGOMERY, AL 36107

UST **U002304663**
N/A

UST:
Facility ID: 11300 101 4275 County Code: 101
Account Number: 11300 Site ID: 4275
Owner: CROWN CENTRAL PETROLEUM CORP
Owner Address: 1 N CHARLES ST SUITE 2000
Owner CSZ: BALTIMORE, MD 21201

ZIPPY MART AL 626 (Continued) **U002304663**

Owner Phone:	8045158639		
Owner Contact:	WAYNE HARPER		
Contact Name:	JERRY W SPROUSE		
Contact Phone:	8035789162		
Tank Number:	36167	Capacity:	8000
Tank Status:	**Permanently Closed**		
Install Date:	01/01/67		
Sold Date:	01/01/01	Removal Date:	09/01/89
Compartments:	1		
Tank Contents:	Unleaded Gasoline		
Tank Usage:	Not reported		
Tank Construction Material:	Steel		
Tank Corrosion Protection:	None or Painted (ex. asphalt)		
External Pipe Protection Installed Date:	01/01/01		
Piping Material of Construction:	Bare Steel		
Other Pipe:	Not reported		
Total Regulated Tanks Owned:	0		
Total Sites:	0		
Total Permanently Out Tanks:	2		
Regulated Tanks This Fiscal Year:	0		
Tanks On Indain Land:	Not reported		
Number of AST's:	0		
Total Temp Closed Tanks:	0		
Number Of Retired Tanks:	2		

Facility ID:	11300 101 4275	County Code:	101
Account Number:	11300	Site ID:	4275
Owner:	CROWN CENTRAL PETROLEUM CORP		
Owner Address:	1 N CHARLES ST SUITE 2000		
Owner CSZ:	BALTIMORE, MD 21201		
Owner Phone:	8045158639		
Owner Contact:	WAYNE HARPER		
Contact Name:	JERRY W SPROUSE		
Contact Phone:	8035789162		
Tank Number:	36168	Capacity:	8000
Tank Status:	**Permanently Closed**		
Install Date:	01/01/67		
Sold Date:	01/01/01	Removal Date:	09/01/89
Compartments:	1		
Tank Contents:	Unleaded Gasoline		
Tank Usage:	Not reported		
Tank Construction Material:	Steel		
Tank Corrosion Protection:	None or Painted (ex. asphalt)		
External Pipe Protection Installed Date:	01/01/01		
Piping Material of Construction:	Bare Steel		
Other Pipe:	Not reported		
Total Regulated Tanks Owned:	0		
Total Sites:	0		
Total Permanently Out Tanks:	2		
Regulated Tanks This Fiscal Year:	0		
Tanks On Indain Land:	Not reported		
Number of AST's:	0		
Total Temp Closed Tanks:	0		
Number Of Retired Tanks:	2		

9
WNW
1/8-1/4
1307 ft.

GULF SERVICE STATION #307918
3893 ATLANTA HWY
MONTGOMERY, AL 36109

UST

U001861060
N/A

Relative:
Higher

Actual:
281 ft.

UST:

Facility ID:	12198 101 11497	County Code:	101
Account Number:	12198	Site ID:	11497
Owner:	BP PRODUCTS NORTH AMERICA		
Owner Address:	3460 PRESTON RIDGE RD SUITE 100		
Owner CSZ:	ALPHARETTA, GA 30005		
Owner Phone:	7705763071		
Owner Contact:	ERIC KRYSKA		
Contact Name:	K J MAGYAR		
Contact Phone:	6153709695		
Tank Number:	13972	Capacity:	4000
Tank Status:	**Permanently Closed**		
Install Date:	01/01/60		
Sold Date:	01/01/01	Removal Date:	12/31/88
Compartments:	1		
Tank Contents:	Unleaded Gasoline		
Tank Usage:	Not reported		
Tank Construction Material:	Steel		
Tank Corrosion Protection:	None or Painted (ex. asphalt)		
External Pipe Protection Installed Date:	01/01/01		
Piping Material of Construction:	Bare Steel		
Other Pipe:	Not reported		
Total Regulated Tanks Owned:	0		
Total Sites:	0		
Total Permanently Out Tanks:	5		
Regulated Tanks This Fiscal Year:	0		
Tanks On Indain Land:	Not reported		
Number of AST's:	0		
Total Temp Closed Tanks:	0		
Number Of Retired Tanks:	0		

Facility ID:	12198 101 11497	County Code:	101
Account Number:	12198	Site ID:	11497
Owner:	BP PRODUCTS NORTH AMERICA		
Owner Address:	3460 PRESTON RIDGE RD SUITE 100		
Owner CSZ:	ALPHARETTA, GA 30005		
Owner Phone:	7705763071		
Owner Contact:	ERIC KRYSKA		
Contact Name:	K J MAGYAR		
Contact Phone:	6153709695		
Tank Number:	13973	Capacity:	4000
Tank Status:	**Permanently Closed**		
Install Date:	01/01/60		
Sold Date:	01/01/01	Removal Date:	12/31/88
Compartments:	1		
Tank Contents:	Unleaded Gasoline		
Tank Usage:	Not reported		
Tank Construction Material:	Steel		
Tank Corrosion Protection:	None or Painted (ex. asphalt)		
External Pipe Protection Installed Date:	01/01/01		
Piping Material of Construction:	Bare Steel		
Other Pipe:	Not reported		
Total Regulated Tanks Owned:	0		
Total Sites:	0		

GULF SERVICE STATION #307918 (Continued) **U001861060**

Total Permanently Out Tanks: 5
Regulated Tanks This Fiscal Year: 0
Tanks On Indain Land: Not reported
Number of AST's: 0
Total Temp Closed Tanks: 0
Number Of Retired Tanks: 0

Facility ID: 12198 101 11497 County Code: 101
Account Number: 12198 Site ID: 11497
Owner: BP PRODUCTS NORTH AMERICA
Owner Address: 3460 PRESTON RIDGE RD SUITE 100
Owner CSZ: ALPHARETTA, GA 30005
Owner Phone: 7705763071
Owner Contact: ERIC KRYSKA
Contact Name: K J MAGYAR
Contact Phone: 6153709695
Tank Number: 13974 Capacity: 4000
Tank Status: Permanently Closed
Install Date: 01/01/60
Sold Date: 01/01/01 Removal Date: 12/31/86
Compartments: 1
Tank Contents: Unleaded Gasoline
Tank Usage: Not reported
Tank Construction Material: Steel
Tank Corrosion Protection: None or Painted (ex. asphalt)
External Pipe Protection Installed Date: 01/01/01
Piping Material of Construction: Bare Steel
Other Pipe: Not reported
Total Regulated Tanks Owned: 0
Total Sites: 0
Total Permanently Out Tanks: 5
Regulated Tanks This Fiscal Year: 0
Tanks On Indain Land: Not reported
Number of AST's: 0
Total Temp Closed Tanks: 0
Number Of Retired Tanks: 0

Facility ID: 12198 101 11497 County Code: 101
Account Number: 12198 Site ID: 11497
Owner: BP PRODUCTS NORTH AMERICA
Owner Address: 3460 PRESTON RIDGE RD SUITE 100
Owner CSZ: ALPHARETTA, GA 30005
Owner Phone: 7705763071
Owner Contact: ERIC KRYSKA
Contact Name: K J MAGYAR
Contact Phone: 6153709695
Tank Number: 13975 Capacity: 4000
Tank Status: Permanently Closed
Install Date: 01/01/60
Sold Date: 01/01/01 Removal Date: 12/31/88
Compartments: 1
Tank Contents: Unleaded Gasoline
Tank Usage: Not reported
Tank Construction Material: Steel
Tank Corrosion Protection: None or Painted (ex. asphalt)
External Pipe Protection Installed Date: 01/01/01
Piping Material of Construction: Bare Steel

GULF SERVICE STATION #307918 (Continued) **U001861060**

Other Pipe:	Not reported
Total Regulated Tanks Owned:	0
Total Sites:	0
Total Permanently Out Tanks:	5
Regulated Tanks This Fiscal Year:	0
Tanks On Indain Land:	Not reported
Number of AST's:	0
Total Temp Closed Tanks:	0
Number Of Retired Tanks:	0

Facility ID:	12198 101 11497	County Code:	101
Account Number:	12198	Site ID:	11497
Owner:	BP PRODUCTS NORTH AMERICA		
Owner Address:	3460 PRESTON RIDGE RD SUITE 100		
Owner CSZ:	ALPHARETTA, GA 30005		
Owner Phone:	7705763071		
Owner Contact:	ERIC KRYSKA		
Contact Name:	K J MAGYAR		
Contact Phone:	6153709695		
Tank Number:	13976	Capacity:	4000
Tank Status:	**Permanently Closed**		
Install Date:	01/01/60		
Sold Date:	01/01/01	Removal Date:	12/31/88
Compartments:	1		
Tank Contents:	Unleaded Gasoline		
Tank Usage:	Not reported		
Tank Construction Material:	Steel		
Tank Corrosion Protection:	None or Painted (ex. asphalt)		
External Pipe Protection Installed Date:	01/01/01		
Piping Material of Construction:	Bare Steel		
Other Pipe:	Not reported		
Total Regulated Tanks Owned:	0		
Total Sites:	0		
Total Permanently Out Tanks:	5		
Regulated Tanks This Fiscal Year:	0		
Tanks On Indain Land:	Not reported		
Number of AST's:	0		
Total Temp Closed Tanks:	0		
Number Of Retired Tanks:	0		

10
East
1/4-1/2
2470 ft.

SPECTRUM #28 **LUST** **S102231114**
4291 ATLANTA HWY **N/A**
MONTGOMERY, AL

Relative:
Higher

Actual:
289 ft.

LUST:

Facility ID:	12530
Account Number:	14543
Owner Name:	SPECTRUM STORES, INC
Owner Address:	824 3RD AVE
Owner City,St,Zip:	WEST POINT, GA 31833
Incident Year:	90
Incident Month:	8
Incident Number:	UST90-8-1
NFA Issued:	**Yes**

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CULLMAN	1007090214	JOHNSON RESIDENCE	331 COUNTY ROAD 845	36109	RCRA-SQG
MONTGOMERY	S102530198	TROY HWY DUMP SITE	HWY 231 KILOMETER MARK 270		SHWS
MONTGOMERY	S106760687	STANDARD FORGE & AXLE	HWY 31, WASHINGTON FERRY ROAD		LUST
MONTGOMERY	S106919048	187 TACTICAL FIGHTER GROUP	HWY 80 W		LUST
MONTGOMERY	S106760568	OMS 18	HWY 80 W.		LUST
MONTGOMERY	U003607328	MONTGOMERY READY MIX	ATLANTA HWY MITYLENE	36109	UST
MONTGOMERY	S103237562	WACV TRANSMITTER TOWER	COOSADA FERRY RD		LUST
MONTGOMERY	S104795282	DANNELLY FIELD AIR NATIONAL GUARD	DANNELLY FIELD		SHWS
MONTGOMERY	S106452734	MONTGOMERY COUNTY JAIL SITE	LOWER WETUMPKA ROAD		SHWS, VCP
MONTGOMERY	S106760782	RACETRAC #700	4302 MOBLE HIGHWAY		LUST
MONTGOMERY	S105162821	CSX WESTERN YARD-CSX	* PRINCE STREET		SHWS
MONTGOMERY	S107670258	MONTGOMERY, CITY OF	PRINCE STREET / NORTH PERRY		VCP
MONTGOMERY	S103869875	RED EAGLE HONOUR FARM	RED EAGLE ROAD		SHWS
MONTGOMERY	1009248440	A&P AUTOMOTIVE INC	420 TWAIN CURVE		ICIS
WAUGH	U003997552	CLEAN PROPERTIES LLC	I 85 & HWY 80 WAUGH	36109	UST
WAUGH	1004670844	EXXON CO USA #53797	I-85 US HWY 80 ROUTE 5	36109	RCRA-SQG, FINDS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

FEDERAL RECORDS

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/19/2006
Date Data Arrived at EDR: 05/05/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 17

Source: EPA
Telephone: N/A
Last EDR Contact: 05/05/2006
Next Scheduled EDR Contact: 07/31/2006
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 8
Telephone: 303-312-6774

EPA Region 4
Telephone 404-562-8033

Proposed NPL: Proposed National Priority List Sites

Date of Government Version: 04/19/2006
Date Data Arrived at EDR: 05/05/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 17

Source: EPA
Telephone: N/A
Last EDR Contact: 05/05/2006
Next Scheduled EDR Contact: 07/31/2006
Data Release Frequency: Quarterly

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/19/2006
Date Data Arrived at EDR: 05/05/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 17

Source: EPA
Telephone: N/A
Last EDR Contact: 05/05/2006
Next Scheduled EDR Contact: 07/31/2006
Data Release Frequency: Quarterly

NPL RECOVERY: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 05/23/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/01/2006
Date Data Arrived at EDR: 03/21/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 23

Source: EPA
Telephone: 703-413-0223
Last EDR Contact: 06/22/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 02/01/2006
Date Data Arrived at EDR: 03/21/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 23

Source: EPA
Telephone: 703-413-0223
Last EDR Contact: 06/23/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/15/2006
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 05/21/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

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

Date of Government Version: 03/09/2006
Date Data Arrived at EDR: 04/27/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 33

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/28/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: Quarterly

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 01/12/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 40

Source: National Response Center, United States Coast Guard
Telephone: 202-260-2342
Last EDR Contact: 04/26/2006
Next Scheduled EDR Contact: 07/24/2006
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 04/14/2006
Next Scheduled EDR Contact: 07/17/2006
Data Release Frequency: Annually

US ENG CONTROLS: Engineering Controls Sites List
A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 03/21/2006
Date Data Arrived at EDR: 03/27/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 56

Source: Environmental Protection Agency
Telephone: 703-603-8905
Last EDR Contact: 07/03/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls
A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 03/21/2006
Date Data Arrived at EDR: 03/27/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 56

Source: Environmental Protection Agency
Telephone: 703-603-8905
Last EDR Contact: 07/03/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Varies

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

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/08/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 177

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 05/12/2006
Next Scheduled EDR Contact: 08/07/2006
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites
The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 01/19/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 33

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 07/03/2006
Next Scheduled EDR Contact: 10/02/2006
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: 04/26/2006
Date Data Arrived at EDR: 04/27/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/12/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Semi-Annually

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/14/2004
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 04/25/2005
Number of Days to Update: 69

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/13/2006
Next Scheduled EDR Contact: 07/24/2006
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/13/2006
Date Data Arrived at EDR: 04/28/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 32

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 07/06/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 11/04/2005
Date Data Arrived at EDR: 11/28/2005
Date Made Active in Reports: 01/30/2006
Number of Days to Update: 63

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 06/21/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 07/13/2005
Date Made Active in Reports: 08/17/2005
Number of Days to Update: 35

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 06/22/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 04/12/2006
Next Scheduled EDR Contact: 07/17/2006
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/29/2006
Date Data Arrived at EDR: 04/26/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 34

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 06/19/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Date of Government Version: 03/31/2006
Date Data Arrived at EDR: 04/26/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 34

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 06/19/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Quarterly

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 05/11/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 11

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 03/06/2006
Next Scheduled EDR Contact: 07/17/2006
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 02/13/2006
Date Data Arrived at EDR: 04/21/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 20

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 04/11/2006
Next Scheduled EDR Contact: 07/17/2006
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 12/27/2005
Date Data Arrived at EDR: 02/08/2006
Date Made Active in Reports: 02/27/2006
Number of Days to Update: 19

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 06/28/2006
Next Scheduled EDR Contact: 08/07/2006
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/12/2006
Date Data Arrived at EDR: 04/26/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 34

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 07/03/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Quarterly

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/09/2006
Date Data Arrived at EDR: 03/29/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 62

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 06/28/2006
Next Scheduled EDR Contact: 09/25/2006
Data Release Frequency: Semi-Annually

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/27/2006
Date Data Arrived at EDR: 05/02/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 28

Source: EPA
Telephone: N/A
Last EDR Contact: 04/03/2006
Next Scheduled EDR Contact: 07/03/2006
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/05/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 06/17/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 48

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/30/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Biennially

STATE AND LOCAL RECORDS

SHWS: Hazardous Substance Cleanup Fund

Hazardous substance sites, which pose a threat to public health and the environment, which will be cleaned up utilizing the Hazardous Substance Cleanup Fund.

Date of Government Version: 04/10/2006
Date Data Arrived at EDR: 04/10/2006
Date Made Active in Reports: 05/17/2006
Number of Days to Update: 37

Source: Department of Environmental Management
Telephone: 334-271-7984
Last EDR Contact: 07/10/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Semi-Annually

SWF/LF: Permitted Landfills

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 08/01/2005
Date Data Arrived at EDR: 11/22/2005
Date Made Active in Reports: 12/23/2005
Number of Days to Update: 31

Source: Department of Environmental Management
Telephone: 334-271-7988
Source: Department of Environmental Management, GIS Section
Telephone: 334-271-7700
Last EDR Contact: 05/12/2006
Next Scheduled EDR Contact: 08/07/2006
Data Release Frequency: Annually

SWRCY: Recycling/Recovered Materials Processors Directory

A listing of recycling facilities.

Date of Government Version: 09/01/2003
Date Data Arrived at EDR: 02/25/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 31

Source: Department of Economic & Community Affairs
Telephone: 334-242-5336
Last EDR Contact: 05/12/2006
Next Scheduled EDR Contact: 08/07/2006
Data Release Frequency: Varies

LUST: Leaking Underground Storage Tank Listing

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 03/27/2006
Date Data Arrived at EDR: 04/27/2006
Date Made Active in Reports: 05/17/2006
Number of Days to Update: 20

Source: Department of Environmental Management
Telephone: 334-270-5655
Last EDR Contact: 04/27/2006
Next Scheduled EDR Contact: 07/24/2006
Data Release Frequency: Quarterly

AOCONCERN: Area of Concern

Property boundary of the Redstone Arsenal facility.

Date of Government Version: N/A
Date Data Arrived at EDR: 08/13/2001
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: Department of the Army
Telephone: N/A
Last EDR Contact: 05/30/2006
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Underground Storage Tank Information

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 04/17/2006
Date Data Arrived at EDR: 04/26/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 334-270-5655
Last EDR Contact: 07/05/2006
Next Scheduled EDR Contact: 10/23/2006
Data Release Frequency: Quarterly

LAST: List of AST Release Incidents

A listing of aboveground storage tank releases that have been reported to ADEM. These are primarily smaller retail ASTs and smaller bulk plant ASTs.

Date of Government Version: 05/01/2006
Date Data Arrived at EDR: 05/01/2006
Date Made Active in Reports: 05/17/2006
Number of Days to Update: 16

Source: Department of Environmental Management
Telephone: 334-271-7712
Last EDR Contact: 04/25/2006
Next Scheduled EDR Contact: 07/24/2006
Data Release Frequency: Varies

AST: Aboveground Storage Tank Sites

Aboveground storage tank locations.

Date of Government Version: 04/17/2006
Date Data Arrived at EDR: 04/26/2006
Date Made Active in Reports: 05/24/2006
Number of Days to Update: 28

Source: Department of Environmental Management
Telephone: 334-271-7926
Last EDR Contact: 07/05/2006
Next Scheduled EDR Contact: 10/23/2006
Data Release Frequency: Quarterly

SPILLS: Emergency Response Data

Date of Government Version: 05/16/2006
Date Data Arrived at EDR: 05/22/2006
Date Made Active in Reports: 06/29/2006
Number of Days to Update: 38

Source: Department of Environmental Management
Telephone: 334-394-4382
Last EDR Contact: 05/08/2006
Next Scheduled EDR Contact: 07/24/2006
Data Release Frequency: Varies

INST CONTROL: Land Division Brownfields 128(a) Program Site Listing

Institutional Controls (ICs) are non-engineered instruments, such as administrative and/or legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of a remedy by limiting land or resource use. There are five different types of controls. These are governmental, proprietary, enforcement tools with IC components, informational devices and unrestricted. Unrestricted- No institutional controls (unrestricted for industrial and residential use). Governmental- controls implemented and enforced by state and local governments. (zoning restrictions, ordinances, building permits, etc.). Proprietary- controls which have their basis in real property law (easements, covenants). Enforcement and Permit Tools with IC components- these controls are issued to compel land owners to limit certain site activities on both federal and private sites. Informational devices- informational tools with provide information or notification that residual or capped contamination may remain on site (deed or hazard notices).

Date of Government Version: 03/03/2005
Date Data Arrived at EDR: 05/03/2005
Date Made Active in Reports: 05/13/2005
Number of Days to Update: 10

Source: Department of Environmental Management
Telephone: 334-271-7735
Last EDR Contact: 04/13/2006
Next Scheduled EDR Contact: 07/10/2006
Data Release Frequency: Varies

VCP: Cleanup Program Inventory

Currently the Cleanup Inventory List contains information about sites undergoing assessment and possible cleanup under Alabama's Brownfield Redevelopment and Voluntary Cleanup Program. It also includes sites that have exited the program but were remediated to less than unrestricted levels.

Date of Government Version: 04/05/2006
Date Data Arrived at EDR: 04/13/2006
Date Made Active in Reports: 05/17/2006
Number of Days to Update: 34

Source: Department of Environmental Management
Telephone: 334-271-7700
Last EDR Contact: 07/10/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Semi-Annually

BROWNFIELDS: Land Division Brownfields 128(a) Program Site Listing
A listing of Brownfields activities performed by ADEM.

Date of Government Version: 03/03/2005
Date Data Arrived at EDR: 05/03/2005
Date Made Active in Reports: 05/13/2005
Number of Days to Update: 10

Source: Department of Environmental Management
Telephone: 334-271-7735
Last EDR Contact: 04/13/2006
Next Scheduled EDR Contact: 07/10/2006
Data Release Frequency: Varies

CDL: Clandestine Methamphetamine Lab Sites
Clandestine methamphetamine lab locations seized by law enforcement agencies.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/18/2005
Date Made Active in Reports: 04/01/2005
Number of Days to Update: 42

Source: Department of Environmental Management
Telephone: 334-271-7700
Last EDR Contact: 05/15/2006
Next Scheduled EDR Contact: 08/14/2006
Data Release Frequency: Varies

TIER 2: Tier 2 Data Listing
A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report.

Date of Government Version: 04/05/2006
Date Data Arrived at EDR: 05/31/2006
Date Made Active in Reports: 07/07/2006
Number of Days to Update: 37

Source: Department of Environmental Management
Telephone: 334-260-2714
Last EDR Contact: 07/10/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Varies

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations
This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/08/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 177

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 05/12/2006
Next Scheduled EDR Contact: 08/07/2006
Data Release Frequency: Semi-Annually

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

Date of Government Version: N/A
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: Varies

EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

Date of Government Version: N/A
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: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2004
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: 06/14/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 04/24/2006
Date Made Active in Reports: 05/02/2006
Number of Days to Update: 8

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/05/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 05/02/2006
Date Data Arrived at EDR: 05/31/2006
Date Made Active in Reports: 06/27/2006
Number of Days to Update: 27

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/31/2006
Next Scheduled EDR Contact: 08/28/2006
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 05/04/2006
Date Made Active in Reports: 06/06/2006
Number of Days to Update: 33

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/12/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 09/30/2005
Date Data Arrived at EDR: 05/09/2006
Date Made Active in Reports: 05/24/2006
Number of Days to Update: 15

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 06/19/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 05/02/2006
Number of Days to Update: 46

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 07/11/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: PennWell Corporation
Telephone: (800) 823-6277
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Centers
Source: Department of Human Resources
Telephone: 334-242-1425

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

BG WILLIAM P. SCREWS USARC
4050 ATLANTA HIGHWAY
MONTGOMERY, AL 36109

TARGET PROPERTY COORDINATES

Latitude (North):	32.38200 - 32° 22' 55.2''
Longitude (West):	86.2422 - 86° 14' 31.9''
Universal Tranverse Mercator:	Zone 16
UTM X (Meters):	571282.3
UTM Y (Meters):	3582842.2
Elevation:	277 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	32086-D2 WILLOW SPRINGS, AL
Most Recent Revision:	1987
South Map:	32086-C2 BARACHIAS, AL
Most Recent Revision:	1987
Southwest Map:	32086-C3 MONTGOMERY SOUTH, AL
Most Recent Revision:	1987
West Map:	32086-D3 MONTGOMERY NORTH, AL
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).

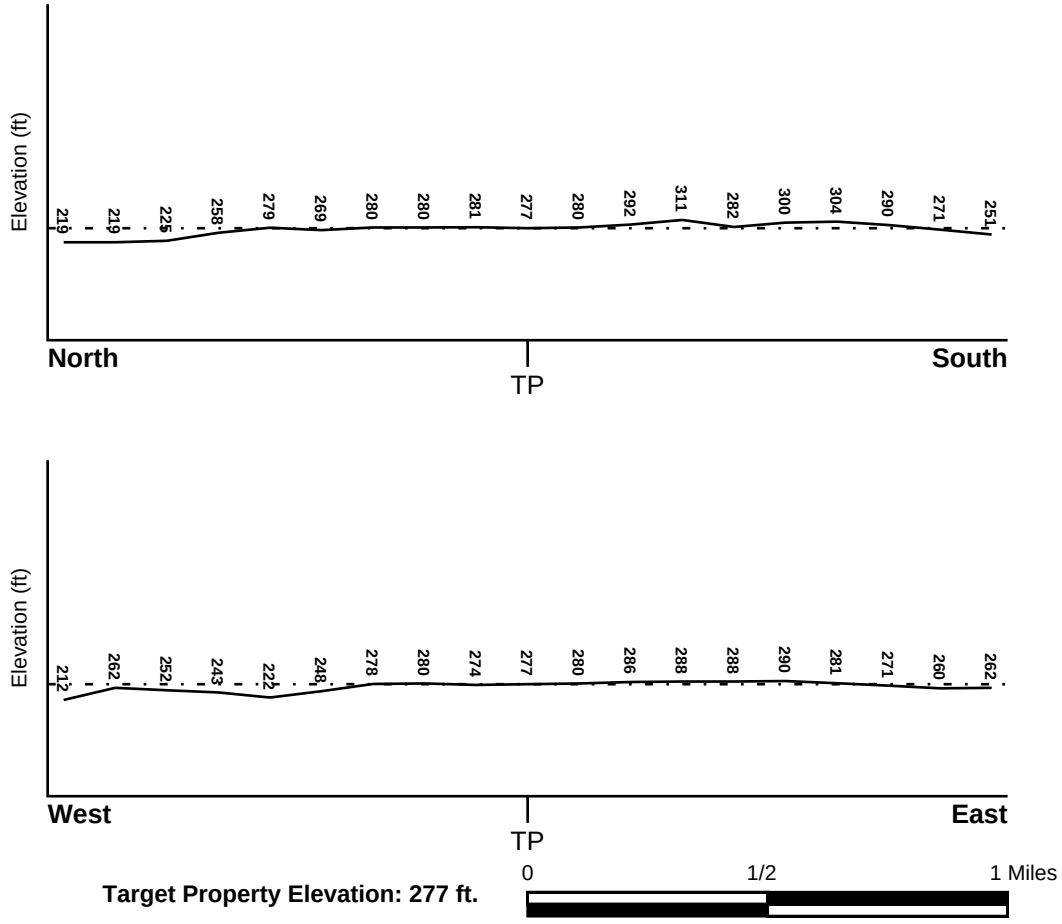
TOPOGRAPHIC INFORMATION

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 NNW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 277 ft.

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

Target Property County	FEMA Flood Electronic Data
MONTGOMERY, AL	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 01101C0065F

Additional Panels in search area: 01101C0055F
01101C0060F
01101C0070F

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
WILLOW SPRINGS	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.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
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:	Mesozoic
System:	Cretaceous
Series:	Austin and Eagle Ford Groups
Code:	uK2 *(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:	RED BAY
Soil Surface Texture:	fine sandy loam
Hydrologic Group:	Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
Soil Drainage Class:	Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel:	MODERATE
Depth to Bedrock Min:	> 60 inches
Depth to Bedrock Max:	> 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 6.00 Min: 4.50
2	6 inches	20 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 0.60	Max: 6.00 Min: 4.50
3	20 inches	52 inches	sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 2.00 Min: 0.60	Max: 5.50 Min: 4.50
4	52 inches	72 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 2.00 Min: 0.60	Max: 5.50 Min: 4.50

OTHER SOIL TYPES IN AREA

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

Soil Surface Textures: silt loam
sandy loam

Surficial Soil Types: silt loam
sandy loam

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: sandy loam
sand
clay loam
loam
gravelly - fine sandy loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS2332314	1/8 - 1/4 Mile West
2	USGS2332331	1/4 - 1/2 Mile NE
3	USGS2332296	1/2 - 1 Mile SE
4	USGS2332340	1/2 - 1 Mile NE
5	USGS2332354	1/2 - 1 Mile North
6	USGS2332320	1/2 - 1 Mile East
7	USGS2332341	1/2 - 1 Mile NW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

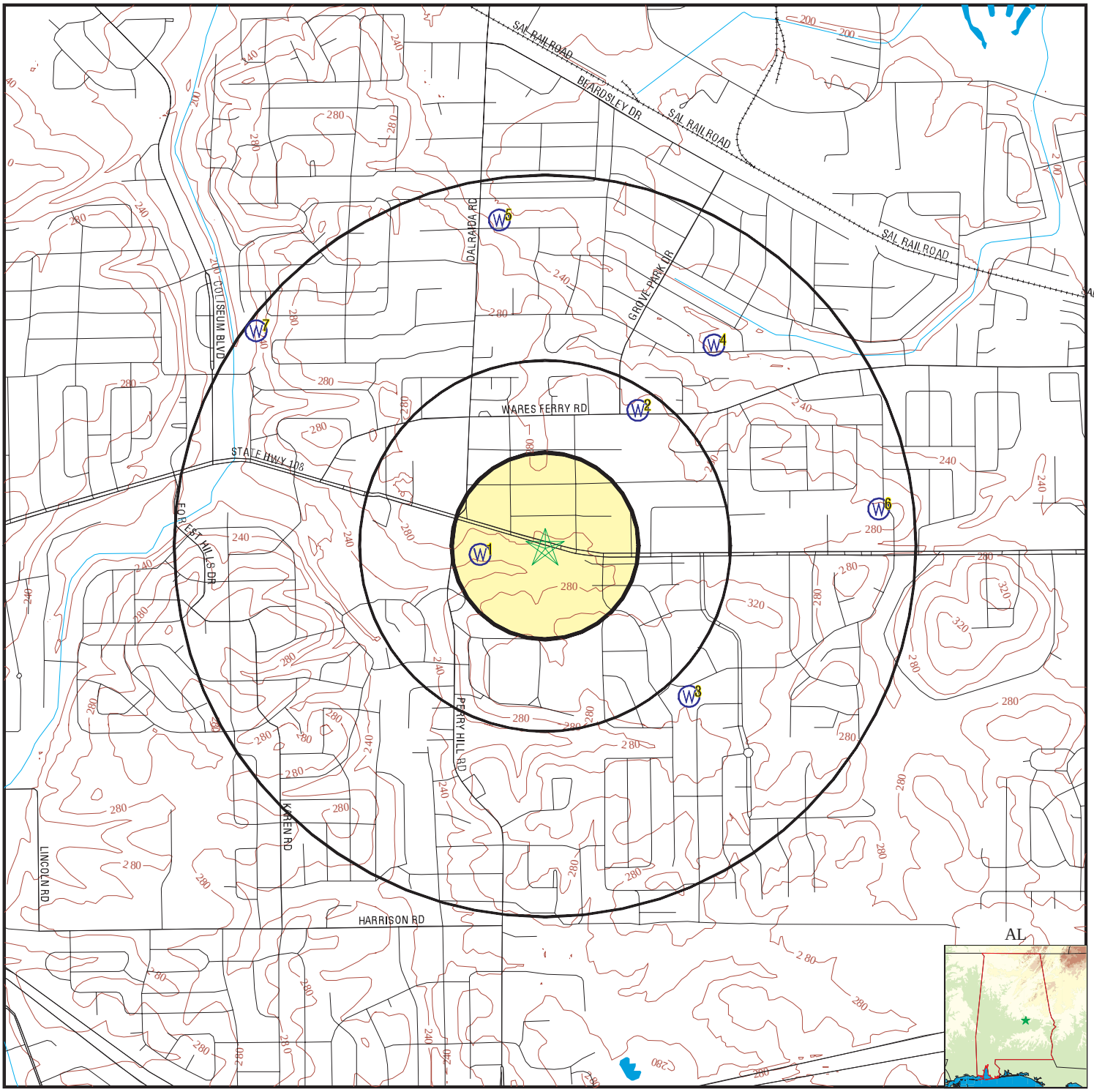
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 01715536.107r



- 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
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location

SITE NAME:	BG WILLIAM P. SCREWS USARC	CLIENT:	FMSM Engineers
ADDRESS:	4050 ATLANTA HIGHWAY MONTGOMERY AL 36109	CONTACT:	Robert Newman
LAT/LONG:	32.3820 / 86.2422	INQUIRY #:	01715536.107r
		DATE:	July 14, 2006

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
West
1/8 - 1/4 Mile
Lower

FED USGS **USGS2332314**

Agency cd:	USGS	Site no:	322253086144401
Site name:	NAWQA LUSRC1-13		
Latitude:	322254.0		
Longitude:	0861442.7	Dec lat:	32.38166667
Dec lon:	-86.24519444	Coor meth:	G
Coor accr:	1	Latlong datum:	NAD83
Dec latlong datum:	NAD83	District:	01
State:	01	County:	101
Country:	US	Land net:	NENWSES 10T 16N R 18E
Location map:	WILLOW SPRINGS	Map scale:	24000
Altitude:	260	Altitude method:	M
Altitude accuracy:	5	Altitude datum:	NGVD29
Hydrologic:	Upper Alabama. Alabama. Area = 2430 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	19991119
Date inventoried:	19991119	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Confined single aquifer		
Aquifer:	EUTAW FORMATION		
Well depth:	69.5	Hole depth:	70
Source of depth data:	reporting agency (generally USGS)	Project number:	450109000
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1999-12-09
Water quality data end date:	1999-12-09	Water quality data count:	1
Ground water data begin date:	1999-12-09	Ground water data end date:	1999-12-09
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1999-12-09	51.25	

2
NE
1/4 - 1/2 Mile
Higher

FED USGS **USGS2332331**

Agency cd:	USGS	Site no:	322315086141501
Site name:	NAWQA LUSRC1-29		
Latitude:	322314.3		
Longitude:	0861416.5	Dec lat:	32.38730556
Dec lon:	-86.23791667	Coor meth:	G
Coor accr:	1	Latlong datum:	NAD83
Dec latlong datum:	NAD83	District:	01
State:	01	County:	101
Country:	US	Land net:	NENWNWS 11T 16N R 18E
Location map:	WILLOW SPRINGS	Map scale:	24000

Altitude:	280	Altitude method:	M
Altitude accuracy:	5	Altitude datum:	NGVD29
Hydrologic:	Upper Alabama. Alabama. Area = 2430 sq.mi.		
Topographic:	Hilltop		
Site type:	Ground-water other than Spring	Date construction:	19991211
Date inventoried:	19991211	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	EUTAW FORMATION		
Well depth:	86.8	Hole depth:	87
Source of depth data:	reporting agency (generally USGS)	Project number:	450109000
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1999-12-10
Water quality data end date:	2000-01-06	Water quality data count:	7
Ground water data begin date:	2000-01-06	Ground water data end date:	2000-01-06
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
2000-01-06	76.86	

3
SE
1/2 - 1 Mile
Higher

FED USGS **USGS2332296**

Agency cd:	USGS	Site no:	322233086140801
Site name:	NAWQA LUSRC1-2		
Latitude:	322234.0		
Longitude:	0861408.0	Dec lat:	32.37611111
Dec lon:	-86.23555556	Coor meth:	G
Coor accr:	1	Latlong datum:	NAD83
Dec latlong datum:	NAD83	District:	01
State:	01	County:	101
Country:	US	Land net:	SWSW S 11T 16N R 18E
Location map:	WILLOW SPRINGS, AL	Map scale:	24000
Altitude:	310	Altitude method:	M
Altitude accuracy:	5.	Altitude datum:	NGVD29
Hydrologic:	Upper Alabama. Alabama. Area = 2430 sq.mi.		
Topographic:	Hilltop		
Site type:	Ground-water other than Spring	Date construction:	19991026
Date inventoried:	19991026	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Confined single aquifer		
Aquifer:	EUTAW FORMATION		
Well depth:	100.4	Hole depth:	106
Source of depth data:	reporting agency (generally USGS)	Project number:	450109000
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1999-11-16
Water quality data end date:	1999-11-16	Water quality data count:	1
Ground water data begin date:	1999-11-16	Ground water data end date:	1999-11-16
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1999-11-16	87.50	

4
NE **FED USGS** **USGS2332340**
1/2 - 1 Mile
Lower

Agency cd:	USGS	Site no:	322323086140401
Site name:	J 55		
Latitude:	322323		
Longitude:	0861404	Dec lat:	32.38986029
Dec lon:	-86.23441168	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	01
State:	01	County:	101
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	298.00	Altitude method:	U
Altitude accuracy:	Not Reported	Altitude datum:	NGVD29
Hydrologic:	Upper Alabama. Alabama. Area = 2430 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Confined single aquifer		
Aquifer:	EUTAW FORMATION		
Well depth:	156	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1953-01-29
Water quality data end date:	1953-01-29	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

5
North **FED USGS** **USGS2332354**
1/2 - 1 Mile
Lower

Agency cd:	USGS	Site no:	322343086143901
Site name:	NAWQA LUSRC1-5		
Latitude:	322341.1		
Longitude:	0861439.5	Dec lat:	32.39475
Dec lon:	-86.24430556	Coor meth:	G
Coor accr:	1	Latlong datum:	NAD83
Dec latlong datum:	NAD83	District:	01
State:	01	County:	101
Country:	US	Land net:	NWNESES 3 T 16N R 18E
Location map:	WILLOW SPRINGS	Map scale:	24000

Altitude:	220	Altitude method:	M
Altitude accuracy:	5	Altitude datum:	NGVD29
Hydrologic:	Upper Alabama. Alabama. Area = 2430 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	19991117
Date inventoried:	19991117	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Confined single aquifer		
Aquifer:	EUTAW FORMATION		
Well depth:	35.0	Hole depth:	35
Source of depth data:	reporting agency (generally USGS)	Project number:	450109000
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1999-11-17
Water quality data end date:	2002-11-12	Water quality data count:	4
Ground water data begin date:	1999-11-30	Ground water data end date:	2002-11-12
Ground water data count:	2		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2002-11-12	20.73		1999-11-30	19.23	

6
East
1/2 - 1 Mile
Higher

FED USGS **USGS2332320**

Agency cd:	USGS	Site no:	322302086144201
Site name:	NAWQA LUSRC1-14		
Latitude:	322300.4		
Longitude:	0861336.5	Dec lat:	32.38344444
Dec lon:	-86.22680556	Coor meth:	G
Coor accr:	1	Latlong datum:	NAD83
Dec latlong datum:	NAD83	District:	01
State:	01	County:	101
Country:	US	Land net:	SENE S 11T 17N R 18E
Location map:	WILLOW SPRINGS, AL	Map scale:	24000
Altitude:	285	Altitude method:	M
Altitude accuracy:	5	Altitude datum:	NGVD29
Hydrologic:	Upper Alabama. Alabama. Area = 2430 sq.mi.		
Topographic:	Hilltop		
Site type:	Ground-water other than Spring	Date construction:	19991012
Date inventoried:	19991012	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Confined single aquifer		
Aquifer:	EUTAW FORMATION		
Well depth:	84	Hole depth:	85
Source of depth data:	reporting agency (generally USGS)	Project number:	450109000
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1999-10-11
Water quality data end date:	1999-11-29	Water quality data count:	9
Ground water data begin date:	1999-11-29	Ground water data end date:	1999-11-29
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1999-11-29	71.77	

7
NW
1/2 - 1 Mile
Lower

FED USGS **USGS2332341**

Agency cd:	USGS	Site no:	322325086152001
Site name:	J 122 USGS		
Latitude:	322325		
Longitude:	0861520	Dec lat:	32.39041576
Dec lon:	-86.25552348	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	01
State:	01	County:	101
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	140.00	Altitude method:	U
Altitude accuracy:	Not Reported	Altitude datum:	NGVD29
Hydrologic:	Upper Alabama. Alabama. Area = 2430 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Confined single aquifer		
Aquifer:	EUTAW FORMATION		
Well depth:	117	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1969-12-19
Water quality data end date:	1969-12-19	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: AL Radon

Radon Test Results

County	Zip	City	Total Sites	< 4 pCi/L	>=4 pCi/L	% of sites >=4 pCi/L
MONTGOMERY	36109	MONTGOMERY	77	76	1	1.30

Federal EPA Radon Zone for MONTGOMERY County: 2

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 Zip Code: 36109

Number of sites tested: 5

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.400 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Alabama Wells Data
Source: Department of Environmental Management
Telephone: 334-271-7985

OTHER STATE DATABASE INFORMATION

RADON

State Database: AL Radon
Source: Department of Public Health
Telephone: 334-206-5391
Short-Term Test Results for Alabama Counties

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

Fax To: FMSM Engineers
Contact: Robert Newman
Fax : 502-212-5055
Date: 07/14/2006

Fax From: Jeff Weiss
EDR
Phone: 1-800-352-0050

EDR PUR-IQ® Report

"the intelligent way to conduct historical research"

for
BG WILLIAM P. SCREWS USARC
4050 ATLANTA HIGHWAY
MONTGOMERY, AL 36109
Lat./Long. 32.38200 / 86.24220
EDR Inquiry # 01715536.107r

The EDR PUR-IQ report facilitates historical research planning required to complete the Phase I ESA process. The report identifies the *likelihood* of prior use coverage by searching proprietary EDR-Prior Use Reports® comprising nationwide information on: city directories, fire insurance maps, aerial photographs, historical topographic maps, flood maps and National Wetland Inventory maps.

Potential for EDR Historical (Prior Use) Coverage - Coverage in the following historical information sources may be used as a guide to develop your historical research strategy:

1. City Directory: Coverage exists for portions of MONTGOMERY, AL for 1878-2001, 1964, 1965, 1967-1981, 1983, 1984, 1986-1991, 1993, 1995, 1997, 1998,

2. Fire Insurance Map: When you order online any EDR Package or the EDR Radius Map with EDR Sanborn Map Search/Print, you receive site specific Sanborn Map coverage information at no charge.

3. Aerial Photograph: Aerial photography coverage may exist for portions of Montgomery County. Please contact your EDR Account Executive for information about USGS photos available through EDR.

4. Topographic Map: The USGS 7.5 min. quad topo sheet(s) associated with this site:

Historical: Coverage exists for Montgomery County

Current: Target Property: TP | 1987 | 32086-D2 Willow Springs, AL

Additional required for 1 Mile radius: S | 1987 | 32086-C2 Barachias, AL
SW | 1987 | 32086-C3 Montgomery South, AL
W | 1987 | 32086-D3 Montgomery North, AL

EDR's network of professional researchers, located throughout the United States, accesses the most extensive national collections of city directory, fire insurance maps, aerial photographs and historical topographic map resources available for MONTGOMERY, AL. These collections may be located in multiple libraries throughout the country. To ensure maximum coverage, EDR will often assign researchers at these multiple locations on your behalf. Please call or fax your EDR representative to authorize a search.

EDR - HISTORICAL SOURCE(S) ORDER FORM

FMSM Engineers
Robert Newman
Account # 1022764

BG WILLIAM P. SCREWS USARC
4050 ATLANTA HIGHWAY
MONTGOMERY, AL 36109
Montgomery County
Lat./Long. 32.38200 / 86.24220
EDR Inquiry # 01715536.107r

Should you wish to change or add to your order, fax this form to your EDR account executive:

Jeff Weiss
Ph: 1-800-352-0050 Fax: 1-800-231-6802

Reports

___ EDR Sanborn Map® Search/Print

___ EDR Fire Insurance Map Abstract

___ EDR Multi-Tenant Retail Facility® Report

___ EDR City Directory Abstract

___ EDR Aerial Photo Decade Package

___ USGS Aerial 5 Package

___ USGS Aerial 3 Package

___ EDR Historical Topographic Maps

___ Paper Current USGS Topo (7.5 min.)

___ Environmental Lien Search

___ Chain of Title Search

___ NJ MacRaes Industrial Directory Report

___ EDR Telephone Interview

Shipping:

___ Email
___ Express, Next Day Delivery — RUSH SERVICE IS AVAILABLE
___ Express, Second Day Delivery
___ Express, Next day Delivery — Customer Account — Acct # _____
___ Express, Second Day Delivery — Customer Account — Acct # _____
___ U.S. Mail

Thank you

Fuller Mossbarger Scott & May
FMSM
ENGINEERS

1409
North Forbes Road
Lexington, Kentucky
40511-2050

859-422-3000
859-422-3100 FAX

www.fmsmengineers.com

August 7, 2006

O.1.1.LV2006038L02

Alabama Department of Environmental Management
Air Division
PO Box 301463
Montgomery, Alabama 36130-1463

Re: Environmental Baseline Survey
Department of Defense Base Realignment and Closure (BRAC)

Dear Sir or Madam:

We have been contracted by the US Army Corps of Engineers to perform Environmental Baseline Surveys on the sites that are to be effected by BRAC. Our sites in Alabama are as follows:

Faith Wing USARC	215 Regimental Avenue Fort McClelland, Alabama
BG William P. Screws USARC	4050 Atlanta Highway Montgomery Alabama
Wright USARC	1900 Hurtel Avenue Mobile, Alabama
Harry L. Gary Jr. USARC	801 Mill Avenue Enterprise, Alabama
PFC Grady C. Anderson USARC	358 Elba Highway Troy, Alabama
Finnell AFRC/AMSA51	2627 10th Avenue Tuscaloosa, Alabama
Cleveland Leight Abbot USARC	2202 VA Hospital Road Tuskegee, Alabama

We would appreciate it very much if you could provide us with any information that your branch could provide us regarding environmental incidents at or in the immediate vicinity of these sites.

Thank you for your assistance.

Sincerely,

FULLER, MOSSBARGER, SCOTT AND MAY
ENGINEERS, INC.

Ronald W. Yost, PG
Senior Geologist

/rws

ADEM

ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

POST OFFICE BOX 301463 36130-1463 ♦ 1400 COLISEUM BLVD. 36110-2059
MONTGOMERY, ALABAMA
WWW.ADEM.STATE.AL.US
(334) 271-7700

ONIS "TREY" GLENN, III, P.E.
DIRECTOR

BOB RILEY
GOVERNOR

Facsimiles: (334)
Administration: 271-7950
General Counsel: 394-4332
Communication: 394-4383
Air: 279-3044
Land: 279-3050
Water: 279-3051
Groundwater: 270-5631
Field Operations: 272-8131
Laboratory: 277-6718
Mining: 394-4326

September 6, 2006

Mr. Ronald Yost, PG
Senior Geologist
FMSM Engineers
1409 North Forbes Road
Lexington, Kentucky 40511-2050

Re: Environmental Baseline Survey
Department of Defense Base Realignment and Closure (BRAC)

Dear Mr. Yost:

This is in response to your letter dated August 7, 2006, requesting information regarding any environmental incidents at or in the immediate vicinity of the following sites in Alabama:

Faith Wing USARC	215 Regimental Avenue Fort McClelland, Alabama
BG William P. Screws USARC	4050 Atlanta Highway Montgomery, Alabama
Wright USARC	1900 Hurtel Avenue Mobile, Alabama
Harry L. Gary Jr. USARC	801 Mill Avenue Enterprise, Alabama
PFC Grady C. Anderson USARC	358 Elba Highway Troy, Alabama
Finnell AFRC/AMSA51	2627 10th Avenue Tuscaloosa, Alabama
Cleveland Leight Abbot USARC	2202 VA Hospital Road Tuskegee, Alabama

Based on our review, we have determined that the Department has no information on file regarding environmental incidents concerning air emissions at or in the immediate vicinity of these sites.

If you have any questions regarding this matter, please contact Charles Killebrew in Montgomery at (334) 270-5676.

Sincerely,

Ronald W. Gore, Chief
Air Division

RWG/CVK:cvk

Fuller Mossbarger Scott & May
FMSM
ENGINEERS

1409
North Forbes Road
Lexington, Kentucky
40511-2050

859-422-3000
859-422-3100 FAX

www.fmsmengineers.com

August 7, 2006

O.1.1.LV2006038L010

Alabama Department of Environmental Management
Water Division
PO Box 301463
Montgomery, Alabama 36130-1463

Re: Environmental Baseline Survey
Department of Defense Base Realignment and Closure (BRAC)

Dear Sir or Madam:

We have been contracted by the US Army Corps of Engineers to perform Environmental Baseline Surveys on the sites that are to be effected by BRAC. Our sites in Alabama are as follows:

Faith Wing USARC	215 Regimental Avenue Fort McClelland, Alabama
BG William P. Screws USARC	4050 Atlanta Highway Montgomery Alabama
Wright USARC	1900 Hurtel Avenue Mobile, Alabama
Harry L. Gary Jr. USARC	801 Mill Avenue Enterprise, Alabama
PFC Grady C. Anderson USARC	358 Elba Highway Troy, Alabama
Finnell AFRC/AMSA51	2627 10th Avenue Tuscaloosa, Alabama
Cleveland Leight Abbot USARC	2202 VA Hospital Road Tuskegee, Alabama

We would appreciate it very much if you could provide us with any information that your branch could provide us regarding environmental incidents at or in the immediate vicinity of these sites.

Thank you for your assistance.

Sincerely,

FULLER, MOSSBARGER, SCOTT AND MAY
ENGINEERS, INC.

Ronald W. Yost, PG
Senior Geologist

/rws

Ron Yost

From: Warren, Lee [DLW@adem.state.al.us]
Sent: Monday, September 11, 2006 4:55 PM
To: Ron Yost
Subject: Requested Written Statement to August 7, 2006 Letter from FMSM Engineers
Attachments: im55200306141512.pdf

Mr. Yost,

After review of Industrial records, the Industrial Section is currently unaware of any "environmental incidents" that have occurred at the seven sites referenced in your August 7, 2006 letter. However, Scott Demick/Permits and Services (334) 271-7712 should be contacted regarding file reviews. Also, the Groundwater Branch (334) 270-5655 should be contacted regarding any remediation(s) in the areas and Field Operations Division (334) 260-2700 should be contacted regarding possible spill responses in the areas.

If you have any questions, please feel free to contact me.

Lee Warren
Industrial Section/Water Division
ADEM
(334) 271-7845

Fuller Mossbarger Scott & May
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August 7, 2006

O.1.1.LV2006038L01

Alabama Department of Environmental Management
Solid Waste Branch
PO Box 301463
Montgomery, Alabama 36130-1463

Re: Environmental Baseline Survey
Department of Defense Base Realignment and Closure (BRAC)

Dear Sir or Madam:

We have been contracted by the US Army Corps of Engineers to perform Environmental Baseline Surveys on the sites that are to be effected by BRAC. Our sites in Alabama are as follows:

Faith Wing USARC	215 Regimental Avenue Fort McClelland, Alabama
BG William P. Screws USARC	4050 Atlanta Highway Montgomery, Alabama
Wright USARC	1900 Hurtel Avenue Mobile, Alabama
Harry L. Gary Jr. USARC	801 Mill Avenue Enterprise, Alabama
PFC Grady C. Anderson USARC	358 Elba Highway Troy, Alabama
Finnell AFRC/AMSA51	2627 10th Avenue Tuscaloosa, Alabama
Cleveland Leight Abbot USARC	2202 VA Hospital Road Tuskegee, Alabama

We would appreciate it very much if you could provide us with any information that your branch could provide us regarding environmental incidents at or in the immediate vicinity of these sites.

Thank you for your assistance.

Sincerely,

FULLER, MOSSBARGER, SCOTT AND MAY
ENGINEERS, INC.

Ronald W. Yost, PG
Senior Geologist

/rws

Fuller Mossbarger Scott & May
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859-422-3100 FAX

www.fmsmengineers.com

August 7, 2006

O.1.1.LV2006038L05

Alabama Department of Public Health
Montgomery Office
3060 Mobile Highway
Montgomery, Alabama 36108

Re: Environmental Baseline Study
Department of Defense Base Realignment and Closure (BRAC)
BG William P. Screws USARC
4050 Atlanta Highway
Montgomery, Alabama

Dear Sir or Madam:

We have been contracted by the US Army Corps of Engineers to perform an Environmental Baseline Study at the BG William P. Screws USARC located at 4050 Atlanta Highway,in Montgomery, Alabama. We would appreciate it very much if you would provide us with any information your office might have regarding environmental incidents at or in the immediate vicinity of this site.

Thank you for your assistance.

Sincerely,

FULLER, MOSSBARGER, SCOTT AND MAY
ENGINEERS, INC.

Ronald W. Yost, PG
Senior Geologist

/rws