

***FINAL***

**ENVIRONMENTAL CONDITION OF  
PROPERTY REPORT**

**MAJ ELBERT LESLIE BIAS  
U.S. ARMY RESERVE CENTER (WV017)  
1550 SPRING VALLEY DRIVE  
HUNTINGTON, WEST VIRGINIA 25704**

***Prepared For:***

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

**FEBRUARY 2007**



---

## ENVIRONMENTAL CONDITION OF PROPERTY REPORT SIGNATURE SHEET

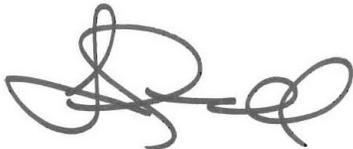
All information/documentation provided accurately reflects the environmental condition of the property. This ECP Report is in general accordance with the U.S. Department of Defense (DOD) requirements for completion of an Environmental Condition of Property (ECP) Report.

---

**BRUCE L. KISH**  
**Environmental Protection Specialist**  
**99th Regional Readiness Command**

**DATE**

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



---

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

**DATE**



---

# Executive Summary

---

CH2M HILL and Plexus Scientific Corporation (Plexus), under contract to the United States Army Corps of Engineers (USACE), Louisville District, have prepared this Environmental Condition of Property (ECP) Report for the MAJ Elbert Leslie Bias U.S. Army Reserve (USAR) Center (Facility ID WV017), hereafter referred to as the "Property" or "USAR Center." The Property is in Huntington, Wayne County, West Virginia and encompasses approximately 5 acres.

This ECP was conducted in general conformance with the Department of Defense's Base Redevelopment and Realignment Manual, DoD 4165.77-M (BRRM), Army Regulation 200-1, and the American Society for Testing and Materials (ASTM) Designation D 6008-96 (2005), *Standard Practice for Conducting Environmental Baseline Surveys*.

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 on approximately 5 acres of land with two permanent structures, a 14,636 square-foot training building and a 3,915 square-foot organizational maintenance shop (OMS) building. One unit, 18th Field Hospital Detachment 1, currently occupies the Property.

Based on the chain-of-title information the U.S. Government purchased the subject property in 1931. A review of aerial photographs and United States Geological Survey (USGS) topographical maps dating back to 1952, as well as Government real property records, indicates the Property was an undeveloped lot prior to 1956, when the current buildings were constructed.

Areas of potential environmental concern were reviewed, and CH2M HILL and Plexus found no indications of a release or disposal of hazardous or petroleum products related to the USAR use of this property.

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



# Contents

Section	Page
<b>Executive Summary</b> .....	<b>ii</b>
<b>Contents</b> .....	<b>iii</b>
<b>Abbreviations and Acronyms</b> .....	<b>vi</b>
<b>1 Introduction</b> .....	<b>1-1</b>
1.1 Purpose of ECP.....	1-1
1.2 Scope of Services .....	1-2
<b>2 Site Location and Physical Description</b> .....	<b>2-1</b>
2.1 Site Location .....	2-1
2.2 Asset Information .....	2-1
2.3 Physical Description.....	2-1
2.4 Site Hydrology and Geology.....	2-3
2.4.1 Surface Water Characteristics .....	2-3
2.4.2 Hydrogeological Characteristics.....	2-3
2.5 Site Utilities.....	2-3
2.6 Water Supply Wells and Septic Systems .....	2-4
<b>3 Site History</b> .....	<b>3-1</b>
3.1 History of Ownership .....	3-1
3.2 Past Uses and Operations .....	3-1
3.3 Past Use, Storage, Disposal, and Release of Hazardous Substances .....	3-2
3.3.1 Past Use and Storage of Hazardous Substances.....	3-2
3.3.2 Past Disposal and Release of Hazardous Substances .....	3-3
3.4 Past Presence of Bulk Petroleum Storage Tanks .....	3-3
3.5 Review of Previous Environmental Reports.....	3-3
3.5.1 1992 Letter describing Radon Survey Results.....	3-3
3.5.2 1995 Asbestos Survey Report .....	3-4
3.5.3 1996 Survey by 416 <sup>th</sup> ENCOM, Oakdale Facility Engineer Team .....	3-4
3.5.4 1997 USACE Survey of Vehicle Wash Area .....	3-4
3.5.5 2001 Environmental Compliance Assessment System .....	3-4
3.5.6 2002 Environmental Compliance Assessment System .....	3-4
<b>4 Adjacent Properties</b> .....	<b>4-1</b>
4.1 Land Uses.....	4-1
4.2 Findings.....	4-2
<b>5 Review of Regulatory Information</b> .....	<b>5-1</b>
5.1 Federal Environmental Records .....	5-1
5.1.1 Federal National Priorities List (NPL) Sites within 1 Mile .....	5-1
5.1.2 Federal Comprehensive Environmental Response, Compensation and Liability Act Information Systems (CERCLIS) Sites within 0.5 Mile.....	5-1
5.1.3 RCRA Corrective Action (CORRACTS) Sites within 1 Mile.....	5-1
5.1.4 RCRA Treatment, Storage, and/or Disposal Sites within 0.5 Mile .....	5-2
5.1.5 Federal RCRA Small and Large Quantity Generators List within 0.25 Mile.....	5-2

5.1.6	Federal Emergency Response Notification System (ERNS) List.....	5-2
5.2	State and Local Environmental Records.....	5-2
5.2.1	State Lists of Hazardous Waste Sites within 1 Mile.....	5-2
5.2.2	State-Registered Landfills or Solid Waste Disposal Sites within 0.5 Mile ....	5-2
5.2.3	State-Registered LUST Sites within 0.5 Mile.....	5-3
5.2.4	State-Registered UST Sites within 0.5 Mile .....	5-3
5.2.5	State Spills Incidents.....	5-3
5.2.6	Records of Contaminated Public Wells within 0.5 Mile.....	5-3
5.2.7	Voluntary Remediation Program Sites within 0.5 Mile .....	5-3
5.2.8	State Registered Bulk Fertilizer and Pesticide Storage Facilities within 0.25 Mile .....	5-4
5.3	Unmapped Sites .....	5-4
5.4	Summary of Properties Evaluated to Determine Risk to the Property .....	5-4
<b>6</b>	<b>Site Investigation and Review of Hazards.....</b>	<b>6-1</b>
6.1	USTs/ASTs .....	6-1
6.2	Inventory of Chemicals/Hazardous Substances.....	6-1
6.3	Waste Disposal Sites.....	6-1
6.4	Pits, Sumps, Drywells, and Catch Basins .....	6-1
6.5	Asbestos-containing Material (ACM) .....	6-1
6.6	PCB-containing Equipment.....	6-2
6.7	LBP .....	6-2
6.8	Radon.....	6-2
6.9	Munitions and Explosives of Concern (MEC) .....	6-2
6.10	Radioactive Materials.....	6-2
<b>7</b>	<b>Review of Special Resources .....</b>	<b>7-1</b>
7.1	Land Use .....	7-1
7.2	Coastal Zone Management.....	7-1
7.3	Wetlands .....	7-1
7.4	100-year Flood Plain.....	7-1
7.5	Natural Resources.....	7-1
7.6	Cultural Resources.....	7-2
7.7	Other Special Resources.....	7-2
<b>8</b>	<b>Conclusions.....</b>	<b>8-1</b>
8.1	Review of Findings.....	8-1
8.2	Environmental Condition of Property .....	8-2
<b>9</b>	<b>References .....</b>	<b>9-1</b>

## Appendixes

- A Figures
  - 1 General Site Location Map
  - 2 Site Layout Plan
  - 3 1985 USGS 7.5-Minute Topographic Map, Catlettsburg, KY- Ohio- W. Va
  - 4 1952 Aerial Photograph
  - 5 1957 USGS 7.5-Minute Topographic Map, Catlettsburg, KY- Ohio- W. Va
  - 6 1959 Aerial Photograph
  - 7 1967 Aerial Photograph
  - 8 1968 USGS 7.5-Minute Topographic Map, Catlettsburg, KY- Ohio- W. Va
  - 9 1975 USGS 7.5-Minute Topographic Map, Catlettsburg, KY- Ohio- W. Va
  - 10 1990 Aerial Photograph
  - 11 1997 Aerial Photograph
  - 12 2003 Aerial Photograph
- B Site Reconnaissance Photographs
- C Property Acquisition Documents & Chain of Title Report
- D Previous Environmental Site Assessment Reports
- E Regulatory Database Search Report



---

# Abbreviations and Acronyms

---

The following is a comprehensive list of abbreviations and acronyms that are used throughout this report.

AEP	American Electric Power
ACM	asbestos-containing material
AMSA	Area Maintenance and Support Activity
AR	army regulation
AST	aboveground storage tank
ASTM	American Society for Testing and Materials
BRAC	Base Realignment and Closure
BRRM	Base Redevelopment and Realignment Manual
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	CERCLA Information System
CORRACTS	corrective actions
DoD	Department of Defense
ECP	environmental condition of property
EDR	Environmental Data Resources, Inc.
ERNS	Emergency Response Notification System
FEMA	Federal Emergency Management Agency
kg	kilogram
LBP	lead-based paint
LUST	leaking underground storage tank
MEC	munitions and explosives of concern
MEP	military equipment parking
msl	mean sea level
NFA	no further action
NGVD	National Geodetic Vertical Datum
NPL	National Priorities List
NRHP	National Register of Historic Places

OMS	organizational maintenance shop
PAM	Pamphlet
PCB	polychlorinated biphenyl
pCi/L	picoCuries per liter of air
Plexus	Plexus Scientific Corporation
POL	petroleum, oil, and lubricant
POV	privately owned vehicle
ppm	parts per million
RCRA	Resource Conservation and Recovery Act
RCRIS	RCRA Information System
RQ	reportable quantity
SSURGO	Soil Conservation Service's Soil Survey Geographic Database
TSD	treatment, storage, or disposal
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
VA	Veterans Administration
WSR	wild and scenic river

# 1 Introduction

---

CH2M HILL, under contract to the United States Army Corps of Engineers (USACE) Louisville District Engineering Division was authorized to conduct an Environmental Condition of Property (ECP) report for the MAJ Elbert Leslie Bias U.S. Army Reserve (USAR) Center (WV017), in response to the Base Realignment and Closure (BRAC) 2005 legislation. The facility is located at 1550 Spring Valley Drive, Huntington, Wayne County, West Virginia, and is hereafter referred to as the "Property" or "USAR Center."

CH2M HILL and Plexus Scientific Corporation (Plexus) prepared this ECP report under contract number W912QR-04-D-0020, Task Order No. 0018, with the Louisville District USACE.

A visual non-intrusive reconnaissance of the Property was conducted on August 2, 2006 in support of the ECP. The reconnaissance purpose was to visually obtain information indicating the likelihood of recognized environmental conditions associated with the Property or adjacent properties.

In preparing this ECP report, CH2M HILL and Plexus gathered information from the available records and previous work from others; interviews with individuals familiar with the Property; and observations from a site reconnaissance. The accuracy of the information obtained from these sources was not verified by CH2M HILL and Plexus. As such, CH2M HILL and Plexus will make no warranty, expressed or implied, relative to the accuracy, completeness, or reliability of the information used to create the records and reports prepared by others.

## 1.1 Purpose of ECP

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 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*, the BRRM, CERCLA § 120, and Army Regulation 200-1.

## 1.2 Scope of Services

This ECP report covers the 5-acre USAR Center located at 1550 Spring Valley Drive, Huntington, West Virginia. The Property is bounded by Spring Valley Drive to the north, and government use to the east, west and south. All site maps, figures and aerial photographs referenced herein are provided in Appendix A, while Appendix B contains photographs of the building exteriors and those taken during the August 2, 2006 site reconnaissance. Appendix C contains the Property chain of title information, and lease or permit agreements if applicable. Relevant historical environmental documents and reports are provided in Appendix D, while Appendix E contains the Environmental Data Resources, Inc. (EDR) radius search reports commissioned for this effort.

This ECP report classifies the property into one of seven DoD Environmental ECP categories as defined by the Deputy Under Secretary of Defense Memorandum, *Clarification of "Uncontaminated" Environmental Condition of Property at Base Realignment and Closure (BRAC) Installations*, dated October 21, 1996. The property classification categories are as follows:

- 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 underway, 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.



---

## 2 Site Location and Physical Description

---

### 2.1 Site Location

The MAJ Elbert Leslie Bias USAR Center is located in Wayne County, on the southwest side of the city of Huntington, West Virginia, at 1550 Spring Valley Drive. Figure 1 in Appendix A shows the site location. The 5-acre parcel is situated on a two-lane road (Spring Valley Drive). A road is also located to the east (Oak Lane). It is surrounded on other property boundaries by government use to the south, east, and west, and residential development to the north.

### 2.2 Asset Information

Facility Name and Address:	MAJ Elbert Leslie Bias U.S. Army Reserve Center 1550 Spring Valley Drive Huntington, West Virginia
Property Owner:	United States Government
Date of Ownership:	July 30, 1931
Current Occupants:	18 <sup>th</sup> Field Hospital Detachment 1
Zoning:	None- outside city corporate limits
County, State:	Wayne, West Virginia
USGS Quadrangle(s):	Catlettsburg, KY-Ohio-W. VA
Section/Township/Range:	not applicable
Latitude/longitude:	38° 23' 2.4'' N; 82° 31' 8.0'' W

#### Legal Description:

Being that parcel or tract of land, consisting of approximately 5 acres, more or less, situated and lying in the City of Huntington, Wayne County, State of West Virginia. The chain of title report, which includes an accurate legal description, is provided in Appendix C.

### 2.3 Physical Description

The MAJ Elbert Leslie Bias USAR Center is located on a 5-acre parcel on the southwestern side of Huntington, West Virginia. The Property is located on the United States Geological Survey (USGS) 7.5 minute Catlettsburg Quadrangle map, at an average elevation of 646 feet National Geodetic Vertical Datum (NGVD). There is a decrease in elevation toward the north end of the parcel.

The USAR Center contains two permanent structures, a storage shed, a military equipment parking (MEP) lot and a privately owned vehicle (POV) parking lot. Construction of both the 14,636 square-foot training building and the 3,915 square-foot organizational maintenance shop (OMS) building was completed in 1956. Figure 2 in Appendix A shows the site layout. Both structures are on concrete foundations, and consist of concrete block walls covered with a brick veneer. A MEP area and a POV parking area are also contained within the Property. Chain-link security fencing topped with barbed wire encloses the MEP area and OMS building (99th Regional Readiness Command, undated).

Approximately half of the Property is covered by impervious surface features such as asphalt parking areas, driveways, concrete walkways, and building footprints. The remaining land is covered with grass.

The 18<sup>th</sup> Field Hospital Detachment 1 is the current occupying unit at the USAR Center. The mission of this unit is to provide field medical services. They use and store medical equipment at the Property, most of which is in the Arms Room (see Photograph 3 in Appendix B).

#### *Training Building*

The training building is an irregular-shaped two-story training, office, and storage facility. The northeast end of the building's first floor contains a two-story drill hall. The first floor along the western corridor of this building consists of administrative offices, supply room, and other storage. In the building's center is the kitchen and restrooms. There is a grease trap associated with the kitchen, (see Photograph 4 in Appendix B) (416<sup>th</sup> ENCOM, 1996). The second floor is above the entire western half of the building and consists of office space, storage, showers, and classrooms. This facility's use has not changed since its construction in 1956.

#### *OMS Building*

The OMS building contains an open bay area with some storage cages and a pit area. This facility formerly functioned as limited vehicle maintenance in the past, although not for the last 15 to 20 years. Presently it is mostly empty and occasionally used for storage. West of the OMS building is an outdoor hazardous material storage shed where hazardous materials and petroleum, oil, and lubricant (POL) products are stored (see Photograph 5 in Appendix B). At the time of the site reconnaissance, a drum of unknown contents was identified behind the storage shed (see Photograph 6 in Appendix B). There was no evidence of any release from the drum (e.g., no stains on pad or adjacent soil). According to 99th RRC personnel, the drum has since been removed from site; sampling and analysis revealed that the drum contained water, sand and trace amounts of antifreeze.

#### *Vehicle Wash Area*

The vehicle wash area, which is located outside of the west side of the OMS building, contains a floor drain connected to the storm sewer. The concrete wash area contains a 3-inch concrete curb on the eastern and southern edges (USACE, 1997).

## 2.4 Site Hydrology and Geology

MAJ Elbert Leslie Bias USAR Center and Huntington are located within the Allegany Mountain section of the Appalachian Plateau Physiographic Province. The area is characterized by rock formations that are relatively flat. Surface elevations range from 500 feet above mean sea level (msl) to 800 feet above msl in the Huntington area.

The MAJ Elbert Leslie Bias Center and the western part of Huntington are found on the USGS 7.5 minute Catlettsburg quadrangle map. Figure 3 in Appendix A provides a portion of the 1985 Catlettsburg, KY-Ohio, W. Va USGS topographic map. As shown on this map, ground surface elevations at the Center average 646 feet above msl.

### 2.4.1 Surface Water Characteristics

As shown on Figure 3 in Appendix A, the Property is situated at an elevation of approximately 646 feet above msl and decreases in elevation to the north. In the immediate vicinity of the Property, the land surface rises to the south toward the VA Medical Center, located south of the Property.

Storm water sheet flows to storm drains located in the MEP area and POV parking area. The storm drains flow to an outlet to the municipal storm water sewer system located just west of the property on Spring Valley Drive. There is a ditch located along the southern edge of the property, which mostly collects storm water from the adjacent hillside to the south. This ditch directs storm water to the west into a wooded area.

No surface water features are located in the immediate vicinity of the Property. A small unnamed pond, located approximately 1,000 feet southwest of the Property, is the closest surface water feature.

According to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map, Community Panel 5402000084B, the Property is not included in the 100-year floodplain elevation (EDR 2006, Appendix E).

### 2.4.2 Hydrogeological Characteristics

According to information acquired from the Soil Conservation Service's Soil Survey Geographic Database (SSURGO) data, the specific type of soils at the Property are Urban land, Cotaco, and Allegany. These soils do not meet the requirements for hydric soils.

The surface soils are generally loams. This soil type has slow infiltration rates with layers impeding downward movement of water and are characterized as soils with fine textures. In a typical profile, the surface layer is approximately 6 to 12 inches thick. The subsoil in the Allegany is approximately 37 inches thick and is silty clay loam. Gravel occurs in the lower clay unit, which is encountered at depths ranging from 12 to 46 feet.

## 2.5 Site Utilities

*Water Service*—West Virginia American Water provides potable water service to the Property.

*Sanitary Sewer System*— West Virginia American Water provides sanitary sewer service to the Property. The primary source of wastewater that is directed to the city sewer system is non-process wastewater (bathrooms, sinks, etc.).

*Gas and Electric*— West Virginia American Water provides natural gas service to the Property, while American Electric Power provides electric service to the Property.

## **2.6 Water Supply Wells and 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 Property. Potable water is supplied by the West Virginia Water.

A search of Federal and State water well databases identified no water supply sources within one mile of the Property.

---

## 3 Site History

---

### 3.1 History of Ownership

Land titles for the Property, which are included in the chain of title report in Appendix C, were available back to 1931. The report did not identify any leases or environmental liens against the USAR Center Property. According to the chain of title report, the United States Government acquired the 5 acre-parcel in 1931.

According to a City Directory *Abstract* provided by EDR and dated July 21, 2006, the address of the USAR Center was first listed in the research source (Polk's City Directory and Robinson's City Directory) in 1990. Subsequent city directory searches also list the Property. This lack of coverage prior to 1990 reflects a search only of business directory repository collections that EDR accessed. It cannot be concluded from this search that no coverage for the target property exists anywhere, in any collection prior to 1990. A copy of the City Directory *Abstract* is included in Appendix E.

### 3.2 Past Uses and Operations

In 1931, the U.S. Government purchased the subject property. An aerial photograph suggests that the Property was undeveloped prior 1956. The training building was constructed in 1956. . The Property has served as a reserve and mobilization center for the U.S. Army Reserve since 1956.

The Property primarily functioned as an administrative and educational facility, with limited maintenance of military vehicles occurring in the OMS building. The Property was historically used by reservists for drill activities on various weekends throughout the year. The 18th Field Hospital is the current occupying unit at the USAR Center. The mission of this unit is to provide field medical services. At the time of the site reconnaissance, the training building contained various items, including desks, office furniture, folding tables, and equipment that the Field Hospital unit uses in their mission.

The OMS building was used to perform limited maintenance activities on military equipment. Activities inside the OMS building were limited to preventative maintenance checks, including checking vehicle fluids such as motor oil, water, and antifreeze, and light maintenance activities. Any equipment requiring heavier maintenance activities was sent to an Area Maintenance Support Activity (AMSA) shop located at one of the other Reserve Centers in West Virginia.

At the time of the site reconnaissance, the OMS building was empty. The outdoor hazardous material storage shed contained small containers (1 gallon or less) of motor oil and paints and two propane grills.

Vehicle washing would have historically occurred in the wash area located outside the OMS building. A drain located in the floor of the concrete wash area carried rinse water to the municipal storm sewer.

Historical aerial photographs and topographic maps were the primary source of information on the past use and operations at the Property. Figures 3 - 12 in Appendix A provide USGS topographical maps and aerial views of the Property and surrounding areas in 1952, 1957, 1959, 1967, 1968, 1975, 1985, 1990, 1997, and 2003.

The 1952 aerial photograph (Figure 4, Appendix A) shows the Property as undeveloped. Residential development is visible to the north across Spring Valley Drive and the property immediately surrounding the Property is undeveloped, except for the access road to the Veteran Administration (VA) Hospital.

The 1957 USGS topographical map (Figure 5, Appendix A) shows the Property south of Spring Valley Drive. Property to the east is undeveloped. Spring Valley Country Club is to the east, VA Hospital is to the south and residential development is visible north of the Property. The 1959 aerial photograph (Figure 6, Appendix A) shows the training building and the POV and MEP parking areas. The 1967 aerial photograph (Figure 7, Appendix A) shows the OMS building as well as the training building. Additional residential buildings have been constructed north of the Property, while the area immediately surrounding the Property to the south, east and west is vacant and appears undisturbed other than the access road to the VA Hospital. The 1968 USGS topographical map (Figure 8, Appendix A) shows both the training building and OMS building. Additional residential development is visible to the north.

The 1975 and 1985 USGS topographical maps (Figure 9 and Figure 3, Appendix A) show the Property and adjacent properties relatively unchanged from the 1968 USGS topographical map, except for the addition of a few more residential properties to the north. The 1990 aerial photograph (Figure 10, Appendix A) shows vehicles parked in the POV and MEP parking areas and the development of the adjacent property to the west, with a rectangular structure and a parking lot. The 1997 aerial photograph (Figure 11, Appendix A) shows the Property and adjacent properties relatively unchanged from the 1990 aerial photograph.

The 2003 aerial photograph (Figure 12, Appendix A) shows the Property as it currently exists. Residential properties are visible to the north of the Property. The Spring Valley Public Safety Center is visible to the west and the access to the VA Hospital is visible east of the Property. No stained or distressed areas are visible on the Property.

### **3.3 Past Use, Storage, Disposal, and Release of Hazardous Substances**

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

Information related to the past use and storage of hazardous substances at the Property was compiled through review of available site records, search of Federal and State environmental databases, and interviews with Army Reserve personnel. Chemicals formerly used and stored at the Property 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 closet located in the training building. Vehicle maintenance products and small amounts of POL products were also stored within designated areas within the OMS building. Other potentially hazardous materials and POL products would have been stored in the outdoor hazardous material storage shed located west of the OMS building.

Certain types of chemical products used and stored at the Property 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, there is no indication that CERCLA hazardous substances were stored at the Property 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 Property was compiled through review of available site records, search of Federal and State environmental databases, and interviews with Army Reserve personnel. According to Army Reserve personnel and site records, onsite disposal of hazardous materials or wastes has not occurred at the Property. No stained soil or stressed vegetation was observed during the August 2006 site reconnaissance. Additionally, the MEP area and POV parking area did not show any signs of staining and no noxious or foul odors were noted during the site reconnaissance.

## **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, it does not appear that any underground storage tanks (USTs) or aboveground storage tanks (ASTs) currently or formerly were located at this facility, nor was any evidence of any USTs or ASTs observed during the site reconnaissance.

## **3.5 Review of Previous Environmental Reports**

A review of site records produced several reports pertaining to the Property. 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 Letter describing Radon Survey Results**

Potential quantities of radon were examined at the MAJ Elbert Leslie Bias USAR Center during the period of November 1991 to February 1992. All measured radon levels were below United States Environmental Protection Agency's (USEPA's) recommended action level of 4 picoCuries per liter (pCi/L). Average concentrations were in the 0.3 to 0.8 pCi/L range (Department of Army, 1992).

### **3.5.2 1995 Asbestos Survey Report**

HUB Testing Laboratories prepared Asbestos Survey Reports for both the training building and OMS building for the MAJ Elbert Leslie Bias USAR Center following a survey conducted November 1995. Potential types, quantities, locations, and conditions of asbestos were examined in the report. Friable asbestos was confirmed in several areas of the training building: first floor offices and hallways, second floor classrooms, drill hall and boiler room, some of which was damaged. In addition, non-friable floor tile and mastic was observed throughout the training building. The roof on the OMS building could not be sampled due to snow, but was assumed to contain asbestos (HUB Testing Laboratories, 1995).

### **3.5.3 1996 Survey by 416<sup>th</sup> ENCOM, Oakdale Facility Engineer Team**

A facility survey was conducted by 416<sup>th</sup> ENCOM, Oakdale Facility Engineer Team in September 1996 at the MAJ Elbert Leslie Bias USAR Center. This assessment included examination of vehicle wash area, grease trap, floor drains, and transformers at the facility. The assessment identified several findings including the fact that the grease trap needed cleaning and the vehicle wash area needed grouting. Three pole-mounted transformers were observed that had not been tested but were assumed to have polychlorinated biphenyl (PCB) concentrations between 50 and 500 parts per million (ppm) (416<sup>th</sup> ENCOM, 1996).

### **3.5.4 1997 USACE Survey of Vehicle Wash Area**

USACE performed an assessment of the vehicle wash area on September 24, 1997 at the MAJ Elbert Leslie Bias USAR Center. A soil sample was collected just south of the vehicle wash area, but results were not included with this document (USACE, 1997).

### **3.5.5 2001 Environmental Compliance Assessment System**

The 416<sup>th</sup> ENCOM, Oakdale Facility Engineer Team performed a facility assessment on May 17, 2001 for the MAJ Elbert Leslie Bias USAR Center. This assessment included an external environmental compliance assessment for the facility. The assessment identified several findings that were related to improper storage of hazardous materials (416<sup>th</sup> ENCOM, 2001).

### **3.5.6 2002 Environmental Compliance Assessment System**

Adecco Technical performed a facility assessment on May 23, 2002 for the MAJ Elbert Leslie Bias USAR Center. This assessment included an internal environmental compliance assessment for the facility. The assessment identified several findings that were related to improper storage of hazardous materials, including the drum behind the hazardous materials shed (Adecco Technical, 2002).

## 4 Adjacent Properties

Adjacent property land uses are significant to the ECP process, as these current or past uses may have an environmental impact on the USAR Center. Adjacent properties were included in the EDR report review for this reason. Typically adjacent properties within ¼ mile of the USAR Center property boundaries are reviewed and visually surveyed. For the purposes of this ECP, the adjacent property reconnaissance was performed from the USAR Center property boundaries and from public access points. Historical aerial photographs and topographic maps are also reviewed for conditions or activities that may have had an environmental impact on the Property.

### 4.1 Land Uses

Land use south of the USAR Center is the VA Medical Center, with a building used by Marshall University on its campus as well. The access road to the campus is located east of the USAR Center.

To the east, past the access road to the hospital campus is the Spring Valley Country club golf course.

Residential development is present to the north and northwest, including both single-family dwellings and an apartment building.

The Spring Valley Public Safety Center is located west of the Center, with a small building and parking lot. The area fire department is housed at this center.

Table 1 summarizes the current adjacent properties and zoning.

**TABLE 1**  
 List of Properties Adjacent to MAJ Elbert Leslie Bias USAR Center, Huntington, West Virginia

Name/Type of Property	Address	Distance and Direction from Property	Zoning	Remarks
VA Medical Center	1540 Spring Valley Drive, Huntington, WV 25704	Adjacent to south	None- outside city corporate limits	5 current and 7 former USTs LUST site NFA
Spring Valley Country Club	1422 Spring Valley Drive, Huntington, WV 25704	Adjacent to east	None- outside city corporate limits	
Spring Valley Public Safety Center	1560 Spring Valley Drive, Huntington, WV 25704	Adjacent to west	None- outside city corporate limits	
Multiple	1545-1559 Spring Valley Drive, Huntington, WV 25704	Approx 50 ft north	None- outside city corporate limits	

## 4.2 Findings

The EDR database search results were reviewed for any evidence that adjacent properties may have past or present environmental issues that would impact the USAR Center.

The VA Medical Center was listed as having seven USTs ranging in size from 550 gallons to 2,000 gallons, but these were closed between 1985 and 1994. Five diesel fuel USTs are currently located at the VA Medical Center, ranging in size from 2,000 gallons to 4,000 gallons. This facility is listed as a Leaking Underground Storage Tank (LUST) site, which received a no further action (NFA) in 1997. The VA Medical Center and Marshall University, located on the Medical Center campus, are Resource Conservation and Recovery Act (RCRA) small quantity generators. A violation was reported for the VA Medical Center on January 24, 2003 for Generator General Requirements, specifically that a hazardous waste stream determination had not been made for waste paint generated. This violation is not of concern to the USARC since this waste was disposed of in the city sewer. Marshall University has no violations and is topographically upgradient of the Center.

Water well databases at the Federal and State level were reviewed to identify any water supply source near the Property. None were found.

Land use at adjacent properties does not appear to have changed significantly over the years, based on a review of available aerial photographs. Development in the area began prior to 1957 based on the 1957 USGS topographical map. At that time, there were less residential property and the Spring Valley Public Safety Center was not built, but otherwise the adjacent properties were as they are today.

---

## 5 Review of Regulatory Information

---

An essential component of an ECP is the review of records and databases containing information on the Property and adjacent properties. The review includes reasonably obtainable federal, state, and local government records, and is intended to identify a release or likely release of any hazardous substance or any petroleum product that could cause environmental contamination on the Property.

The majority of the regulatory information for this ECP was obtained from EDR on July 19, 2006. EDR provides a regulatory database summary that consolidates standard federal, state, local, and tribal environmental record sources based on ASTM recommended minimum search distances from the Property.

All findings reported in Sections 5.1, 5.2, and 5.3 below are from the EDR report unless otherwise noted. A copy of the complete EDR report is included in Appendix E.

### 5.1 Federal Environmental Records

#### 5.1.1 Federal National Priorities List (NPL) Sites within 1 Mile

USEPA maintains a record of the nation's worst uncontrolled or abandoned hazardous waste sites, known as the NPL. Sites on the NPL undergo long-term remedial action under CERCLA. The MAJ Elbert Leslie Bias USAR Center is not an NPL site, nor are there any such sites located within 1 mile of the Property.

#### 5.1.2 Federal Comprehensive Environmental Response, Compensation and Liability Act Information Systems (CERCLIS) Sites within 0.5 Mile

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

The MAJ Elbert Leslie Bias USAR Center is not a CERCLIS site and there are no CERCLIS sites located within 0.5 mile of the center.

#### 5.1.3 RCRA Corrective Action (CORRACTS) Sites within 1 Mile

RCRA CORRACTS sites represent facilities that have generated or managed hazardous wastes and require corrective action. The MAJ Elbert Leslie Bias USAR Center is not a CORRACTS site, nor are there any such sites identified within 1 mile of the USAR Center.

#### **5.1.4 RCRA Treatment, Storage, and/or Disposal Sites within 0.5 Mile**

RCRA defines and regulates sites that generate, transport, treat, store, and/or dispose (TSD) of hazardous wastes. The RCRA Information System (RCRIS) includes selective information on these sites.

The USAR Center is not a RCRIS-TSD site and there are no such sites located with 0.5-mile of the USAR Center.

#### **5.1.5 Federal RCRA Small and Large Quantity Generators List within 0.25 Mile**

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

The MAJ Elbert Leslie Bias Center is listed as an RCRA-registered small quantity generator. No RCRA violations are associated with the USAR Center.

Three RCRA-registered small quantity generators are located within 0.25-mile of the Center. Marshall University and VA Medical Center are located within 0.125-mile of the Center, approximately 2,700 feet south of the Property. North Vocational Center is located between 0.125 and 0.25-mile of the Center, approximately 2,500 feet to the southwest. No RCRA violations were noted for the Marshall University or North Vocational Center sites, but a violation was reported for the VA Medical Center on January 24, 2003 for Generator General Requirements, specifically that a hazardous waste stream determination had not been made for waste paint generated. Compliance was achieved on February 20, 2003. This violation is not of concern to the USARC since this waste was disposed of in the city sewer.

No large quantity generators are located within 0.25-mile of the Center.

#### **5.1.6 Federal Emergency Response Notification System (ERNS) List**

The ERNS List maintains information on reported releases of oil and hazardous substances. The MAJ Elbert Leslie Bias Center is not on this notification list.

### **5.2 State and Local Environmental Records**

Most of the information presented in this subsection was obtained from the EDR report. Occasionally state and local agency personnel were interviewed via telephone to answer questions about any database issues.

#### **5.2.1 State Lists of Hazardous Waste Sites within 1 Mile**

West Virginia does not maintain a State Hazardous Waste Site List.

#### **5.2.2 State-Registered Landfills or Solid Waste Disposal Sites within 0.5 Mile**

The USAR Center does not have a solid waste landfill, incinerator, or transfer station within the Property boundaries.

No adjacent properties within 0.5-mile of the Center have a solid waste landfill, incinerator, or transfer station.

### **5.2.3 State-Registered LUST Sites within 0.5 Mile**

The USAR Center is not listed in the State LUST database.

Within 0.5 -mile of the Center, one LUST site was identified. The VA Medical Center reported a release of petroleum products in 1994. As shown in Section 5.2.4, this facility has currently and formerly utilized numerous USTs used to store gasoline and diesel fuel. The site received a NFA on January 13, 1997. The property address is 1540 Spring Valley Drive, Huntington, WV 25704 and is located approximately 2,700 feet south at a higher elevation.

Although the VA Medical Center LUST site is located topographically upgradient from the Property, based on the distance of the site from the USAR center and the receipt of an NFA in 1997, the potential for this LUST site to have affected the environmental condition of the Property is low.

### **5.2.4 State-Registered UST Sites within 0.5 Mile**

One UST site was identified within 0.5-mile of the MAJ Elbert Leslie Bias USAR Center. The Property itself was not listed in the State UST database.

Five USTs used to store diesel fuel are located at the VA Medical Center. The tanks range in size from 2,000 gallons to 4,000 gallons and are constructed of cathodically protected steel, fiberglass-reinforced plastic, or a composite of steel and fiberglass-reinforced plastic. There was a LUST at this site as discussed in Section 5.2.3, but it received a NFA in 1997. Seven USTs were closed at the VA Medical Center between 1985 and 1994, which ranged in size from 550 gallons to 2,000 gallons. Six contained diesel fuel, while one contained gasoline. Six were removed from the ground and one was closed in place. The property address is 1540 Spring Valley Drive, Huntington, WV 25704 and is located approximately 2,700 feet south at a higher elevation.

Based upon the current condition of the USTs present at this property, it is not considered to present an environmental risk to the USAR Center.

### **5.2.5 State Spills Incidents**

The USAR Center is not listed on the West Virginia state petroleum spill list.

### **5.2.6 Records of Contaminated Public Wells within 0.5 Mile**

The City of Huntington does not own or operate any municipal water supply wells within 0.5 -mile of the USAR Center.

### **5.2.7 Voluntary Remediation Program Sites within 0.5 Mile**

The USAR Center is not listed in West Virginia's Voluntary Cleanup Program. No sites located within 0.5-mile of the Center are listed as being in the Voluntary Cleanup Program either.

### **5.2.8 State Registered Bulk Fertilizer and Pesticide Storage Facilities within 0.25 Mile**

According to the EDR database, West Virginia does not maintain a state database with registered bulk fertilizer and pesticide storage facilities.

## **5.3 Unmapped Sites**

Some sites within the databases EDR searches have the same zip code as the USAR Center, but no street address. These sites, known as unmapped or orphan sites, cannot be mapped from the EDR results alone. Additional efforts described herein were made to locate these sites and assess their environmental importance to the USAR Center.

Using the mapping utility provided at [maps.google.com](http://maps.google.com), the locations of the orphan sites were identified and mapped. However, none of the sites were located within corresponding ASTM search radius distance.

## **5.4 Summary of Properties Evaluated to Determine Risk to the Property**

To summarize Subsections 5.1 through 5.3, three separate properties, near or adjacent to the USAR Center, were evaluated as potential risk properties to the Property. These adjacent properties evaluated were identified as a result of information obtained during area reconnaissance, interviews, and regulatory database searches, and are summarized below in Table 2.

Based on an evaluation of available site information and details concerning the properties listed in Table 2, none of the facilities evaluated exhibit significant environmental conditions that have the probability of adversely affecting the environmental conditions at another site.

**TABLE 2**  
Properties Evaluated for Potential Environmental Risks  
MAJ Elbert Leslie Bias USAR Center, Huntington, West Virginia

---

<b>Company/Site</b>	<b>Database</b>	<b>Elevation Relative to Property?</b>	<b>Potential Impact on the Property?</b>	<b>Comments</b>
VA Medical Center	RCRA Small Quantity Generator, LUST, UST	Higher	No	LUST received NFA. No violations associated with USTs. One RCRA violation.
Marshall University	RCRA Small Quantity Generator	Higher	No	No RCRA violations.
North Vocational Center	RCRA Small Quantity Generator	Lower	No	No RCRA violations.

---



---

## **6 Site Investigation and Review of Hazards**

---

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

### **6.1 USTs/ASTs**

No USTs or ASTs are associated with MAJ Elbert Leslie Bias USAR Center.

### **6.2 Inventory of Chemicals/Hazardous Substances**

Records pertaining to hazardous substances including hazardous materials, chemical bulk storage, petroleum products, hazardous waste, and petroleum waste were reviewed in addition to interviews and the site reconnaissance to develop the inventory for this Property. Available records indicate that hazardous materials and/or POLs have been stored at this facility. Inventories were conducted in 1990 and 1998, finding materials including paint, oils, ethylene glycol, brake fluid, and hydraulic fluid (99<sup>th</sup> Regional Readiness Command, 1990 and 1998). Hazardous and POL materials storage was observed during the site reconnaissance, as small containers (1 gallon or less) of motor oils, paints and propane were stored in the POL building.

### **6.3 Waste Disposal Sites**

Available records and interviews did not indicate the practice of onsite waste disposal other than through managed storage and offsite disposal, or through the sewer systems (refer to Section 2.5 and Section 3.3.2). No waste disposal sites were observed during the site reconnaissance, nor were any signs of past onsite waste disposal (such as stressed vegetation or suspicious depressions in the landscape) observed.

### **6.4 Pits, Sumps, Drywells, and Catch Basins**

Available records, interviews, and site observations did not indicate the existence or past existence of any pits, sumps, drywells, or catch basins.

### **6.5 Asbestos-containing Material (ACM)**

A 1995 survey evaluation of ACM at this facility found that the pipe insulation throughout the training building is friable and in damaged condition. This survey also found that floor tiles and mastic throughout the building are non-friable. The friable ACM that was accessible in the first floor offices and hallways, second floor classrooms, drill hall and boiler room was all removed, although no records were observed to document this. During the August 2006 site reconnaissance, insulation was not observed in the drill hall or first or

second floor rooms or hallways. All insulation observed in the boiler room appeared to be fiberglass and in good condition (see Photographs 7 to 9 in Appendix B). Friable ACM remains behind walls and ceilings, the non-friable floor tile and mastic remains and the roof of the OMS building is assumed to contain non-friable ACM (HUB Testing Laboratories, 1995).

## **6.6 PCB-containing Equipment**

Three pole-mounted transformers were observed by the 416<sup>th</sup> ENCOM, Oakdale Facility Engineer Team in 1996. The transformers were located along Spring Valley Road on the road right of way and belonged to American Electric Power (AEP). They had not been tested but were assumed to have PCB concentrations between 50 and 500 ppm (416<sup>th</sup> ENCOM, 1996). During the August 2006 site visit no transformers were observed at the USAR Center, including the AEP transformers observed in 1996.

## **6.7 LBP**

No LBP surveys have been conducted at the Property. All buildings on the property were constructed before 1978 and; therefore, are presumed to contain LBP. At the time of the site survey, painted surfaces were in good condition with no chipped or peeling paint.

## **6.8 Radon**

A site-specific radon survey was conducted during the period of November 1991 to February 1992. Passive detection equipment was installed throughout the training and OMS building to determine levels of radon gas. Based on the sampling results, no sample locations exhibited radon levels above USEPA's recommended maximum allowable exposure level of 4 pCi/L (Department of Army, 1992).

## **6.9 Munitions and Explosives of Concern (MEC)**

Based on a review of available records, the site reconnaissance, and interviews with USAR Center personnel, there are no indications that MEC is or was present at the Property. There are no firing ranges on the Property, and there is no evidence that a firing range occurred on the Property historically.

## **6.10 Radioactive Materials**

Based on a review of available records, the site reconnaissance, and interviews with USAR Center personnel, radioactive materials were present in equipment sometimes stored on the Property, including testing and calibration equipment. This equipment apparently contains small quantities of radioactive material in sealed containers and is not regulated. Maintenance of the sealed containers is not performed on the property. A radiological survey was not available for review for the property.

---

## **7 Review of Special Resources**

---

### **7.1 Land Use**

The City of Huntington's Development and Planning Department has not designated zoning for this Property and surrounding properties since they are outside the city corporate limits.

### **7.2 Coastal Zone Management**

West Virginia does not have a Coastal Zone Management Program since it has no coastal zones; therefore this Property is not included in a coastal zone management plan or in a coastal zone.

### **7.3 Wetlands**

According to the U.S. Fish and Wildlife Service (USFWS) National Wetlands Inventory map, no jurisdictional wetland areas are identified on the Property or on adjacent properties (EDR 2006, Appendix E). The nearest wetland is located approximately 1,000 feet southwest of the Property and is associated with the pond mentioned in Section 2.4.1.

During the August 2006 site reconnaissance, cattails and other vegetation indicative of saturated areas were observed along the southern edge of the Property. According to 99<sup>th</sup> Regional Readiness Command personnel, this area was investigated as a wetland, but did not meet all the criteria to be designated a wetland.

According to information acquired from the SSURGO, specific types of soil at the Property are Urban land, Cotaco, and Allegany. These soils do not meet the requirements for hydric soils (i.e., wetland indicator soils).

### **7.4 100-year Flood Plain**

A review of the FEMA digital Flood Hazard Area map indicates that the Property lies outside the 100-year flood plain (EDR 2006, Appendix E).

### **7.5 Natural Resources**

No natural resources surveys or mapping have included this Property or the adjacent properties.

## **7.6 Cultural Resources**

No Cultural Resources Survey has been performed for the Property. However, because the buildings were constructed after 1947, they are not eligible for listing on the National Register of Historic Places (NRHP) as a World War II or earlier building. Its potential Cold War era historic significance has not been evaluated.

## **7.7 Other Special Resources**

One designated Wild and Scenic River (WSR) occurs within the state of West Virginia. It is located approximately 90 miles southeast from the Property. Based on the location of the WSR and historical activities conducted at the USAR Center, no activities conducted at the site would adversely impact the designated WSR.

---

## 8 Conclusions

---

The following information was obtained after conducting an environmental record search including records for adjacent properties, reviewing available historical information, conducting interviews with knowledgeable parties connected with the Property or with state and local agencies, and conducting a reconnaissance of the Property and adjacent properties.

### 8.1 Review of Findings

**Hazardous Substances.** Hazardous substances pursuant to CERCLA 101(14) (42 USC 9601 (14)) were used and stored at the Property in amounts necessary to support unit-level vehicle and building maintenance activities. Available information indicates, however, that the quantities stored would not have resulted in a significant release to the environment. There is no evidence (no available reports or persons interviewed) that the hazardous substances used or stored were released or disposed of at the Property.

**USTs/ASTs.** No USTs or ASTs have historically been located on the Property or are currently located on the Property.

**Non-UST/AST Petroleum Storage.** Petroleum storage was not observed on the Property other than small amounts of motor oil.

**PCBs.** No transformers are located on the Property.

**ACM.** A 1995 survey evaluation of ACMs at this facility (HUB Testing Laboratories, 1995) found that the pipe insulation throughout the training building is friable and in damaged condition. This survey also found that floor tiles throughout the building contain non-friable ACM and the roof of the OMS building is assumed to contain non-friable ACM. The onsite reconnaissance confirmed the presence of floor tile that may be ACM, but the friable ACM appears to have been removed in the accessible areas of the training building.

**LBP.** No LBP surveys have been conducted at the Property. All buildings on the property were constructed before 1978 and; therefore, are presumed to contain LBP. At the time of the site survey, painted surfaces were in good condition with no chipped or peeling.

**Radiological Materials.** Based on available records review, interviews and a site reconnaissance, radioactive materials are present in equipment sometimes stored on the Property, including testing and calibration equipment. This equipment apparently contains small quantities of radioactive material in sealed containers and is not regulated.

**Radon.** The 1992 radon survey (Department of Army, 1992) results indicated that no sampling locations exhibited radon levels above the USEPA's recommended maximum allowable exposure level of 4 pCi/L.

**Munitions and Explosives.** Available records do not indicate any MEC are currently or were formerly located at this Property. No evidence of MEC was observed during the site reconnaissance.

**Surrounding Properties.** Potential environmental sites of concern, located within the standard ASTM search radius distances from the Property, were evaluated through database review and site reconnaissance. None of the adjacent properties evaluated exhibited environmental conditions that had or have the potential to adversely affect environmental conditions at the Property.

**Wetlands and Flood Plain.** According to the 1988 USFWS National Wetlands maps and visual observations, no wetlands were observed or appear to be associated with any of the facilities at this site, or with any adjacent properties.

The Property is not located within a 100-year flood plain or within a coastal zone.

**Threatened and Endangered Species.** No natural resources surveys or mapping have been performed for the Property.

**Archaeological and Historical Resources.** No cultural resources survey has been conducted for the Property. Because the buildings were constructed after 1947, they are not eligible for listing on the NRHP as a World War II or earlier building. Its potential Cold War era historic significance has not been evaluated.

## 8.2 Environmental Condition of Property

Findings of this ECP report were based on readily available environmental information, interviews with site, state and local personnel, review of previous environmental studies and federal and state database and file information related to the storage, release, treatment or disposal of hazardous substances or petroleum products. Results were also based on visual observations of the Property and adjacent properties.

In accordance with the Deputy Under Secretary of Defense Memorandum, *Clarification of "Uncontaminated" Environmental Condition of Property at Base Realignment and Closure (BRAC) Installations*, dated October 21, 1996, the Property has been classified into one of seven property types. Based on the results of this ECP study, the property has been assigned an overall DoD Environmental Condition Type 1.

---

## 9 References

---

### Persons Contacted

- Mr. JD Atkins, Wayne County, County Assessor, 304-526-8601, July 27, 2006
- Mr. Don Kleppe, City of Huntington, Planner, 304-696-4438, July 27, 2006
- Mr. Robert Hadfield, 99<sup>th</sup> Regional Readiness Command, Facility Operations Specialist, 304-428-7261 x1205, August 2, 2006
- Mr. Bruce Kish, 99<sup>th</sup> Regional Readiness Command, BRAC Environmental Coordinator, 412- 604-8169, August 2, 2006
- Ms. Ruth Porter, West Virginia Department of Environmental Protection, Project Manager, 304- 926-0499 x1007, August 21, 2006

### Resources Consulted

- Aerial Photographs provided by U.S. Department of Agriculture, Natural Resources Conservation Service dated 1959 and 1990
- Aerial Photographs provided by Banks Information Solutions dated 1952 and 1967.
- Aerial Photographs obtained from West Virginia State GIS Technical Center, dated 1997 and 2003, accessed at, <http://wvgis.wvu.edu/data/data.php?subject=Photography+%28Aerial%29&location>
- National Wild and Scenic Rivers, <http://www.nps.gov/rivers/wildriverslist.html#wv>
- USEPA Map of Radon Zones, <http://www.epa.gov/radon/zonemap.html>
- FEMA Flood Hazard Insurance Map, <http://msc.fema.gov/webapp/wcs/stores/servlet/FemaWelcomeView>
- USGS, Physiographic Regions: <http://tapestry.usgs.gov/physiogr/physio.html>
- Federal Regulatory Databases (See EDR Report for a complete list)
  - NPL, April 19, 2006
  - Proposed NPL Sites, April 19, 2006
  - Delisted NPL Sites, April 19, 200
  - NPL Recovery Sites, October 15, 1991
  - CERCLIS, February 1, 2006
  - CERCLIS-NFRAP, February 1, 2006
  - CORRACTS, March 15, 2006
  - RCRA, March 9, 2006
  - ERNS, December 31, 2005
  - HMIRS, December 31, 2005

- U.S. Engineering Controls Sites List, March 21, 2006
  - U.S. Institutional Controls, March 21, 2006
  - DoD, December 31, 2004
  - FUDS, December 5, 2005
  - U.S. Brownsfields, April 26, 2006
  - CONSENT (Superfund Consent Decrees), December 14, 2004
  - Records of Decision (ROD), April 13, 2006
  - Uranium Mill tailings Sites, November 4, 2005
  - Open Dump Inventory, June 30, 1985
  - Toxic Chemical Release Inventory System (TRIS), December 31, 2003
  - Toxic Substances Control Act (TSCA), December 31, 2002
  - Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA)/ TSCA, March 29, 2006
  - FIFRA/TSCA Tracking System, March 31, 2006
  - Section 7 Tracking Systems, December 31, 2004
  - Integrated Compliance Information system, February 13, 2006
  - PCB Activity Database System, December 27, 2005
  - Material Licensing Tracking system, April 12, 2006
  - Mines Master Index File, February 9, 2006
  - Facility Index System/Facility Registry system (FINDS), April 27, 2006
  - RCRA Administrative Action Tracking System, April 17, 1995
  - Biennial Reporting System, December 31, 2003
- State and Local Regulatory Databases (See EDR Report for complete list)
    - Solid Waste Facilities/ Landfills, January 17, 2006
    - LUST, March 28, 2006
    - UST, March 31, 2006
    - Spills Database, May 16, 2006
    - Institutional Controls, February 1, 2006
    - Voluntary Remediation Sites, February 1, 2006
    - Drycleaners, June 12, 2006
    - Drug Lab Sites, March 16, 2006

### **Agencies Contacted**

- City of Huntington, Development and Planning, West Virginia
- Wayne County, County Assessor, West Virginia
- West Virginia Department of Environmental Protection, Charleston, WV
- U.S. Department of Agriculture, Natural Resources Conservation Service, Huntington, WV

### **Works Cited**

99<sup>th</sup> Regional Readiness Command, 1990. Inventory Chemical of Motor Pool. January.

99<sup>th</sup> Regional Support Command, 1994. 1993 Installation Commanders Annual Real Property Utilization Survey (ICARPUS). June.

99<sup>th</sup> Regional Readiness Command, 1998. Inventory Chemical- Items for Disposal. April.

99<sup>th</sup> Regional Support Command, Undated. Real Property Action Plan.

416<sup>th</sup> ENCOM, Oakdale Facility Engineer Team, 1996. Survey of MAJ Elbert Leslie Bias USAR. September.

416<sup>th</sup> ENCOM, Oakdale Facility Engineer Team, 2001. Environmental Compliance Assessment System, MAJ Elbert Leslie Bias USAR. May.

Adecco Technical, 2002. Environmental Compliance Assessment System, MAJ Elbert Leslie Bias USAR. October.

Department of Army, 1992. Letter describing radon survey results for MAJ Elbert Leslie Bias USAR Center. October.

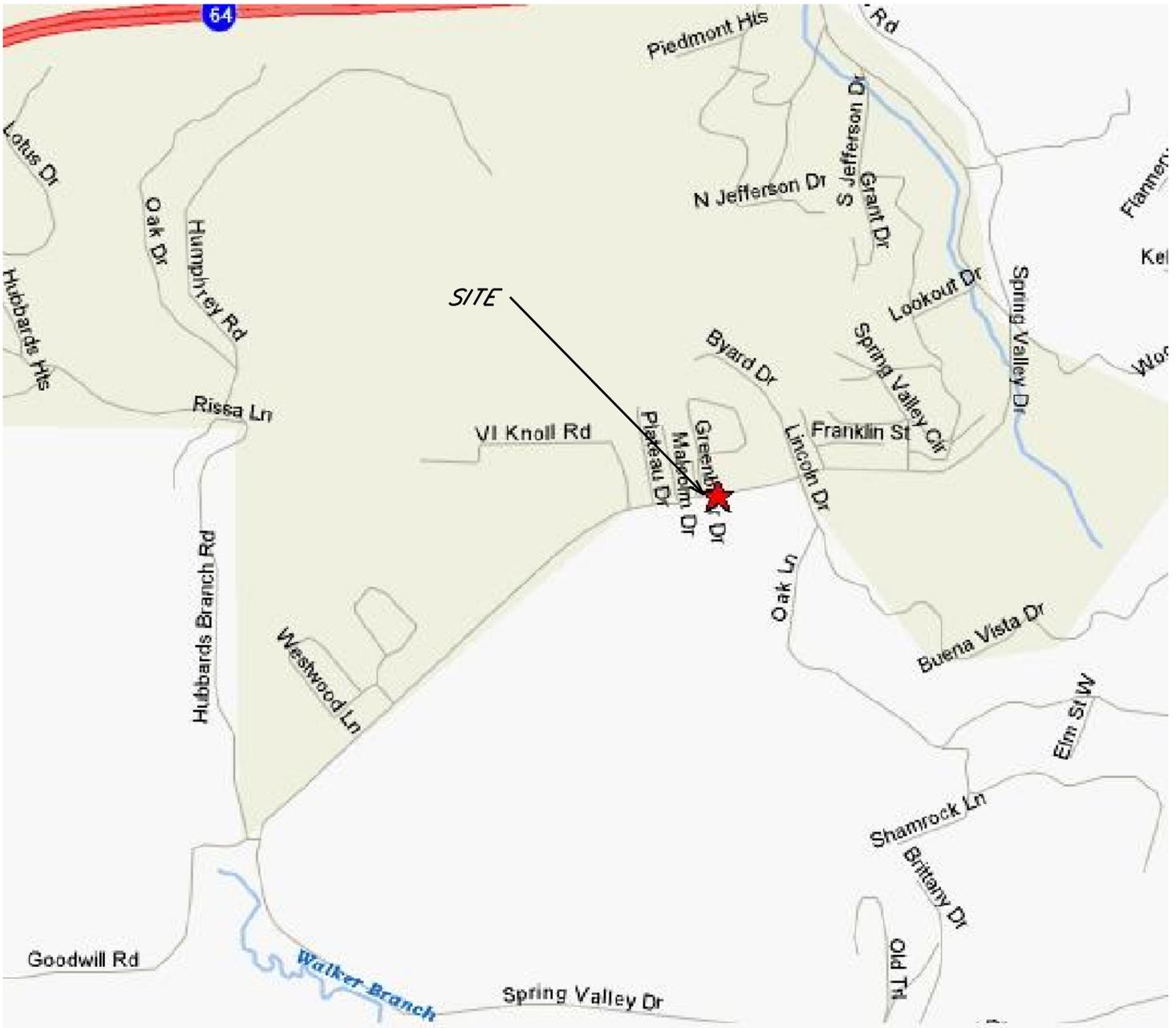
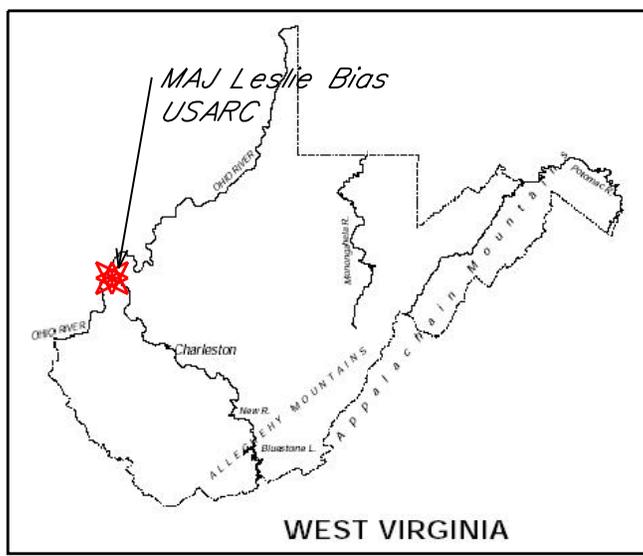
HUB Testing Laboratories, 1995. Asbestos Survey Report, MAJ Elbert Leslie Bias USAR Center. November.

U.S. Army Corps of Engineers (USACE), 1997. Survey Related to Vehicle Wash Area. June.

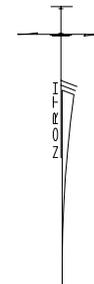
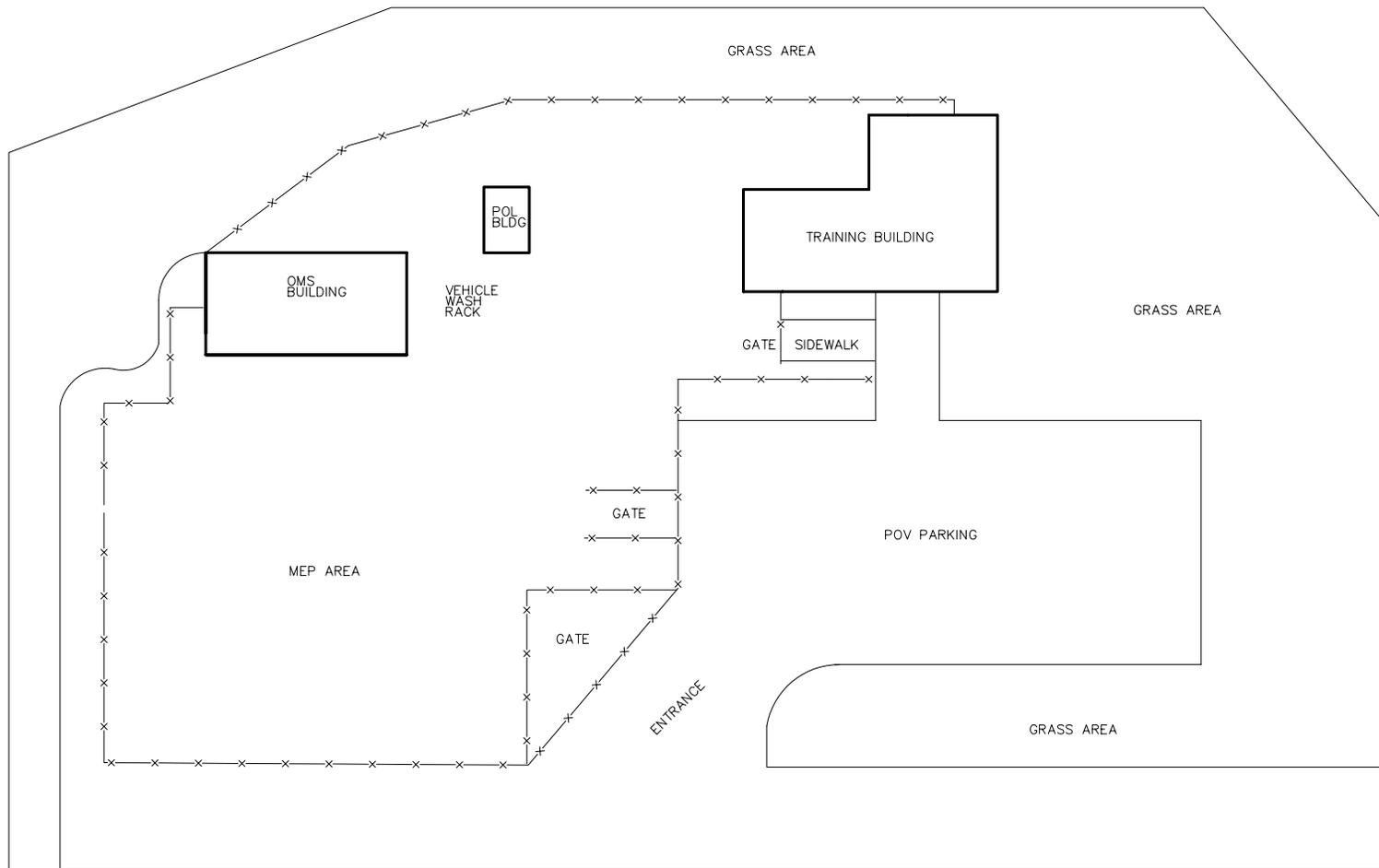


**Appendix A**  
**Figures**

---



**FIGURE 1**  
 GENERAL SITE LAYOUT MAP  
 MAJ Leslie Bias USARC  
 HUNTINGTON, WEST VIRGINIA



**FIGURE 2**  
 SITE LAYOUT PLAN  
 MAJ Bias USAR Center ECP Report  
 Huntington, West Virginia

↑ N



**FIGURE 3**

1985 USGS 7.5 Minute, Topographic Map, Cattlesburg, KY-Ohio-W.Va  
MAJ Bias USAR Center ECP Report  
Huntington, West Virginia

— = 1000'  
Source: EDR

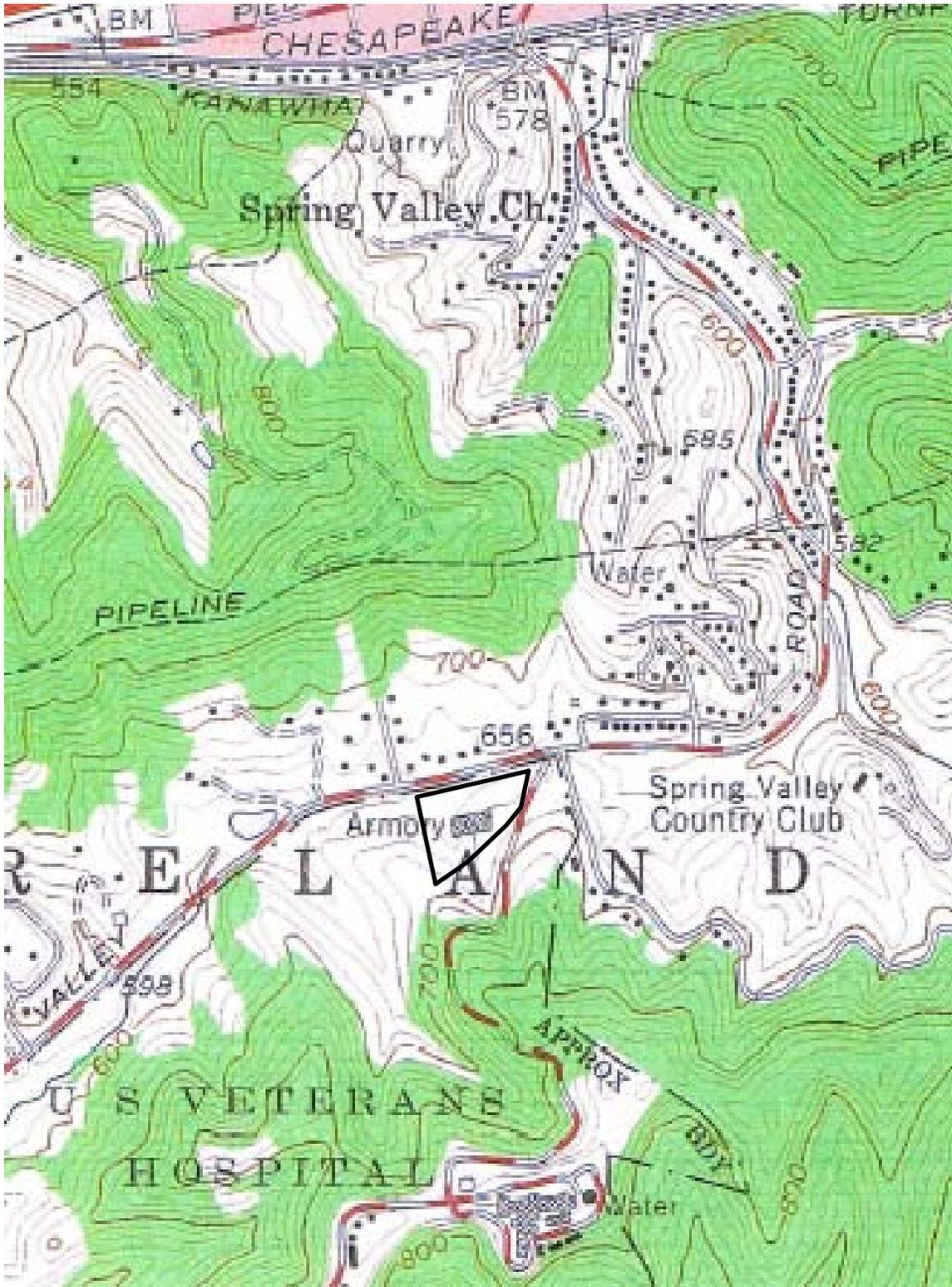




**FIGURE 4**  
1952 Aerial Photograph  
MAJ Bias USAR Center ECP Report  
Huntington, West Virginia

— = 250'  
Source: Banks Information Solutions





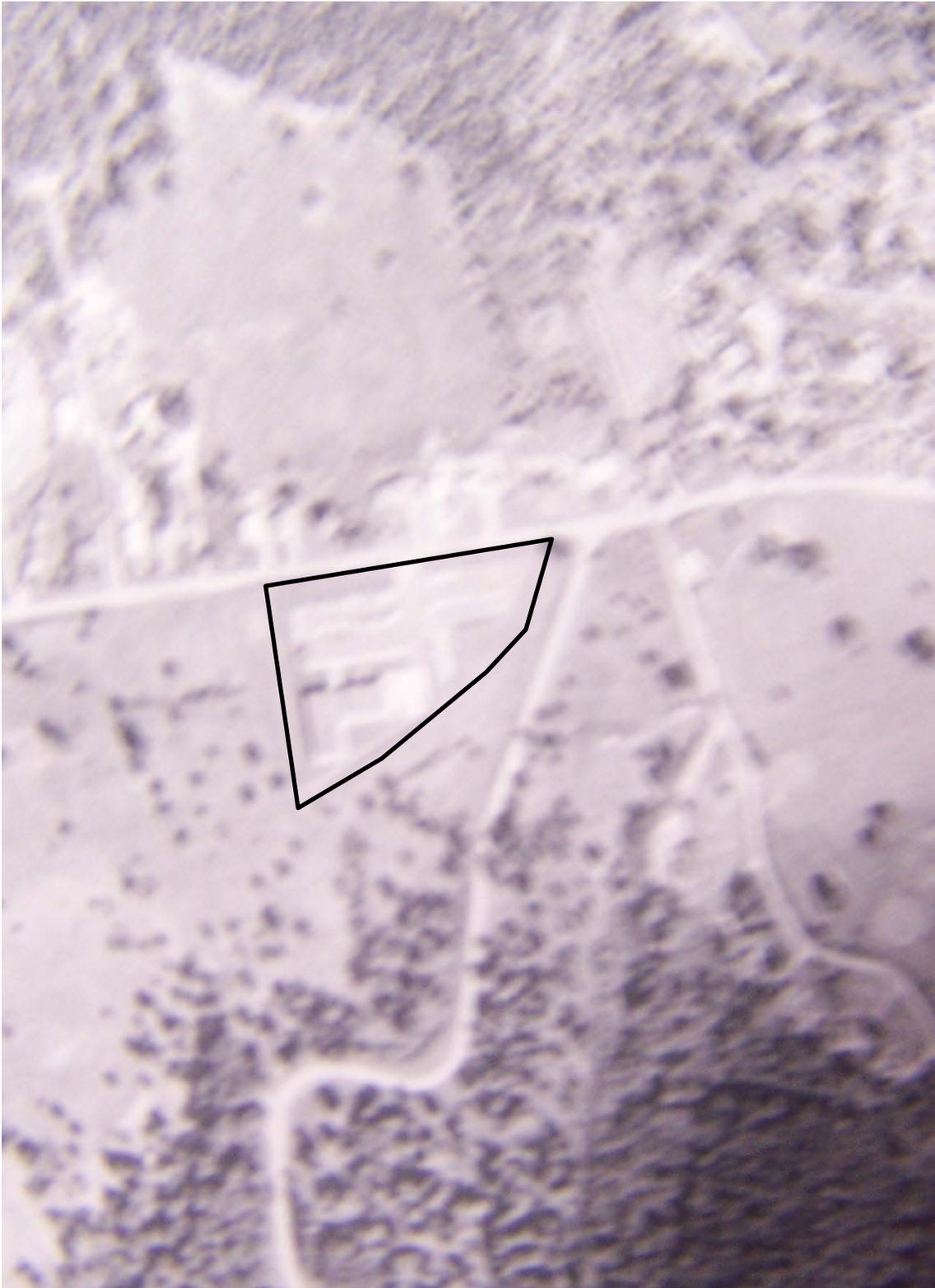
**FIGURE 5**

1957 USGS 7.5 Minute, Topographic Map, Cattlesburg, KY-Ohio-W.Va  
MAJ Bias USAR Center ECP Report  
Huntington, West Virginia

— = 1000'  
Source: EDR



↑N



**FIGURE 6**  
1959 Aerial Photograph  
MAJ Bias USAR Center ECP Report  
Huntington, West Virginia

— = 250'

Source: NRCS

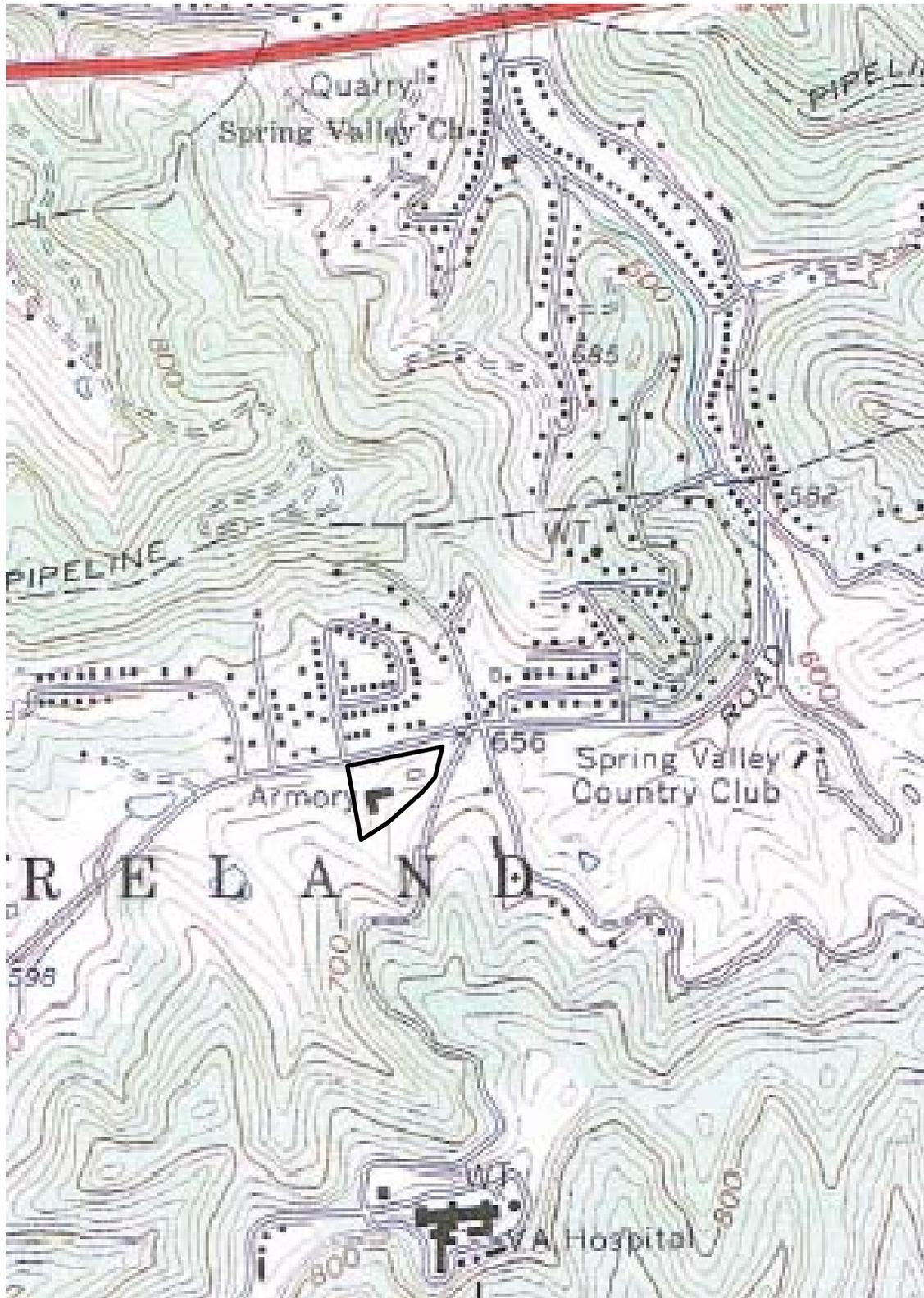


**FIGURE 7**  
1967 Aerial Photograph  
MAJ Bias USAR Center ECP Report  
Huntington, West Virginia

— = 150'  
Source: Banks Information Solutions



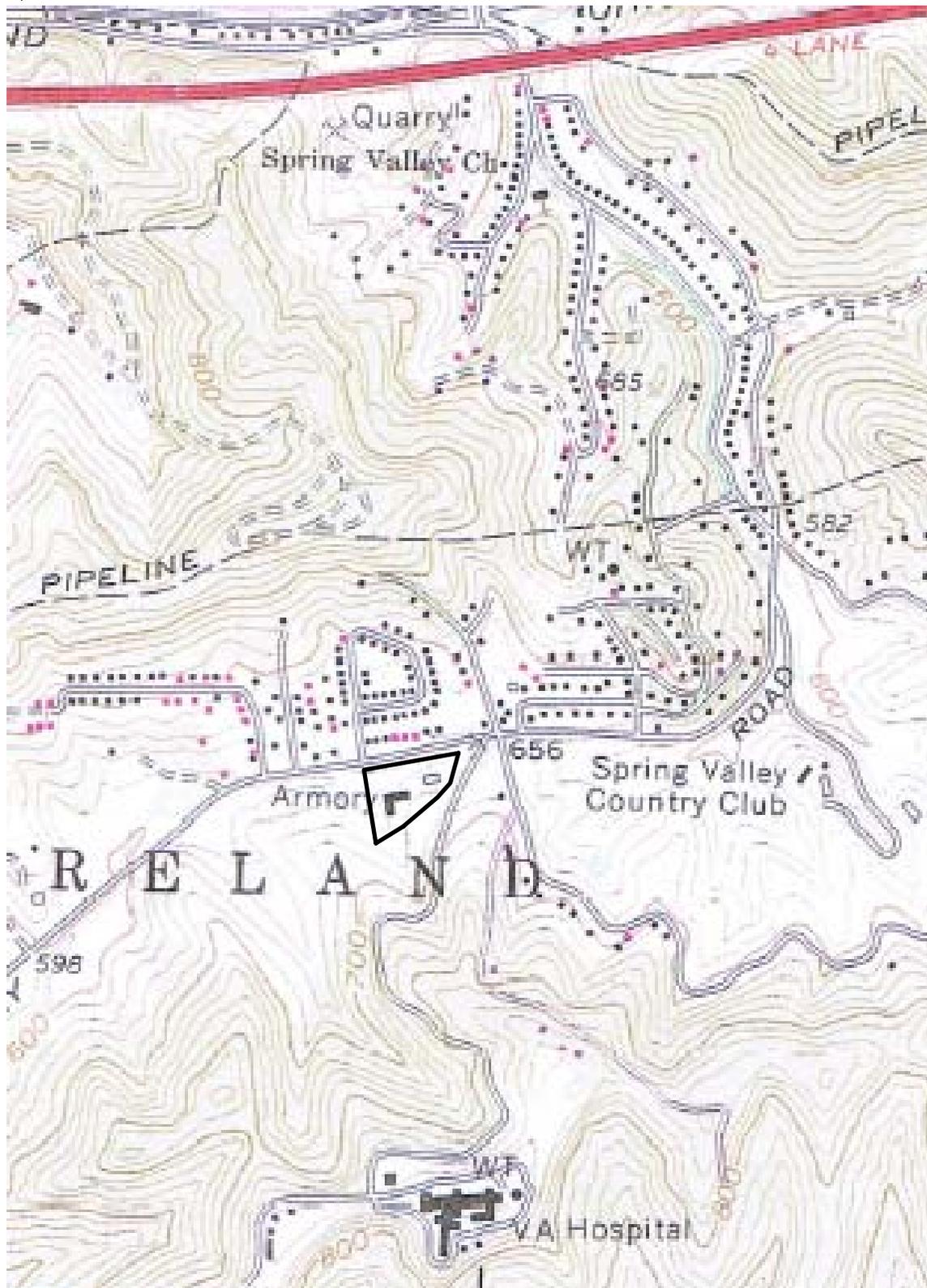
↑ N



— = 1000'  
Source: EDR

**FIGURE 8**  
1968 USGS 7.5 Minute, Topographic Map, Cattlesburg, KY-Ohio-W.Va  
MAJ Bias USAR Center ECP Report  
Huntington, West Virginia





**FIGURE 9**

1978 USGS 7.5 Minute, Topographic Map, Cattlesburg, KY-Ohio-W.Va  
MAJ Bias USAR Center ECP Report  
Huntington, West Virginia

— = 1000'  
Source: EDR



↑ N



**FIGURE 10**  
1990 Aerial Photograph  
MAJ Bias USAR Center ECP Report  
Huntington, West Virginia

— = 100'

Source: NRCS



**FIGURE 11**  
1997 Aerial Photograph  
MAJ Bias USAR Center ECP Report  
Huntington, West Virginia

— = 250'  
Source: West Virginia GIS Technical Center





**FIGURE 12**  
2003 Aerial Photograph  
MAJ Bias USAR Center ECP Report  
Huntington, West Virginia

— = 250'  
Source: West Virginia GIS Technical Center



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

---

APPENDIX B

# Site Reconnaissance Photographs

---



1. Exterior of training building facing the northern side.



2. Exterior of OMS building facing the eastern side.



3. Unit storage in Arms Room.



4. Grease trap outside of kitchen.



5. Interior of hazardous materials storage shed.



6. Drum south of hazardous materials storage shed.



7. Pipes in boiler room of training building.



8. Pipes in boiler room of training building.



9. Pipes in boiler room of training building.

Appendix C  
**Property Acquisition Documents  
and Chain of Title Report**

---



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

## **HISTORICAL CHAIN OF TITLE REPORT**

**MAJ LESLIE BIAS USARC, WV  
1550 SPRING VALLEY DRIVE  
HUNTINGTON, WEST VIRGINIA**

**Submitted to:**

**ENVIRONMENTAL DATA RESOURCES, INC.  
C/O  
CH2M HILL  
1569 Stampmill Way  
Lawrenceville, Georgia 30043  
(770) 338-1589**

**Attention: Mary Jacques**

**Project No. N06-5601**

**Wednesday, September 20, 2006**

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

UNITED STATES OF AMERICA

The following is the current property legal description:

Being that parcel or tract of land, consisting of approximately 5 acres, more or less, situated and lying in the City of Huntington, Wayne County, State of West Virginia

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

### 1. DECLARATION OF TAKING:

RECORDED: 07-30-1931  
GRANTOR: W. L. Wilson, et al  
GRANTEE: United States of America  
INSTRUMENT: Bk 171, Pg 34

## **2. LEASES AND MISCELLANEOUS**

1. No environmental liens, institutional controls or engineering controls were found of record.

### **3. LIMITATION**

This report was prepared for the use of Environmental Data Resources, Inc., and CH2M Hill, 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**

---

TO: Safety Officer, 99th ARCOM

CHEMICAL INVENTORY FRM: 326th Ord Co, Hgtn, WV 7 Jan 1990

DIRECTORATE/TENANT: 326th Ord Co 1903 SFC Carl Gregory PG 1 OF 1

BRANCH/DIVISION: Motor Pool EXTENSION: (304) 429-5461 DATE (mm dd yy): 01-07-90

MANUFACTURER NAME, ADDRESS PHONE NUMBER	CHEMICAL OR TRADE NAME	NATIONAL STOCK NUMBER (NSN)	MANUFACTURER'S PART NUMBER	AMOUNT USED PER MONTH	AMOUNT ON HAND	BLDG. & HAY USED/STORED
Wolf's Head Oil Company Oil City, PA 16301	Wolf's Head 15W-40 (Oil)	Company Stock No. 3142	N/A	5 Gal	9 Gal	POL - Motor Bld - Pool
Unknown	Lubricating Oil 15W-40	9150-00-152-4118	N/A	10 Gal	45 1/2 Gal	POL - Motor Bld - Pool
Unknown	Lubricating Oil DEL HD 30	9150-00-124-9055	N/A	10 Gal	32 Gal	POL - Motor Bld - Pool
Octagon Process, Inc. Edgewater, NJ 07020	Ethylene Glycol Anti-Freeze	6850-00-191-7920	N/A	5 Gal	33 Gal	POL - Motor Bld - Pool
Phipps PPOD CORP. Boston, MA 02111	Methanol Methyl Alcohol	6810-00-275-6010	N/A	10 Gal	23 Gal	POL - Motor Bld - Pool
Unknown	Lubricating Oil 60-90W-90	9150-01-075-5272	N/A	3 Gal	40 Gal	POL - Motor Bld - Pool
Unknown	Lubricating Oil DEL HD 30	9150-00-124-6668	N/A	2 Gal	10 Gal	POL - Motor Bld - Pool
Dow Corning Corp Midland, MI 48686-0994	Silicone Brake Fluid	9150-01-124-2152	N/A	1 Gal	10 Gal	POL - Motor Bld - Pool
Sawesco, Bakersfield	Grease, Automobile & Artillery	9150-00-935-1017	N/A	6 Tubes	48-14 02 Tubes	POL - Motor Bld - Pool
TAJNER 821 Park Ave Syracuse, IL 60178 Lynn, West Grease & Oil Co, Inc.	Diesel Starting Fluid	2910-01-129-9527	12277378	10 oz	10 1/2 lbs	POL - Motor Bld - Pool
	Grease, Auto & Artillery	9150-00-190-0907	N/A	3 lbs	60 lbs	POL - Motor Bld - Pool
Crown Oil & Chemical Jefferson, LA 70181	Hydraulic Fluid DEXRON II	9150-00-674-2382	N/A	1 Gal	12 Gal	POL - Motor Bld - Pool
N/A	used motor oil	N/A	N/A	N/A	55 Gal	POL - Motor Bld - Pool
MSDS - For The Above items ARE not on file AT The unit						

INSTALLATION COMMANDERS ANNUAL REAL PROPERTY UTILIZATION SURVEY  
(ICARPUS)  
AUTHORITY - AR 405-70

DATE OF INITIAL SURVEY: 30 SEP 90

MAJ ELBERT L. BIAS USAR CENTER  
1550 SPRING VALLEY DRIVE  
HUNTINGTON, WV 25704-9589

(304) 429-5661

FACILITY ID WV017  
(Old FACID 16U20)

**I. Brief Historical Summary of Facility:**

Class I Installation Providing Support: Charles E. Kelly Support Facility, Oakdale, PA.

The MAJ Elbert L. Bias USAR Center was constructed in 1956 on a 5 acre site. The Center was dedicated on 2 September 1957.

The Center is located in a semi-residential area approximately 1.5 miles outside of Huntington City limits in Wayne County, West Virginia. It is bounded by a residential area on the north, Spring Valley Country Club on the east, Huntington VA Medical Center on the south, and the Huntington City Park Board on the west.

The complex consist of two buildings. The main building is a 15,141 gross square foot, two story brick and concrete block structure used for administrative and training activities. It also contains supply storage areas, kitchen, classrooms, and a drill hall. The remaining building is a 3,634 gross square foot, 3-bay Organization Maintenance Shop.

Paved parking areas consists of 3,444 square yards for privately owned vehicles and 2,685 square yards for military equipment parking.

The City of Huntington has a population of 65,000. The city is know for the glass manufacturers in the area. The major employers in the area are INCO, Metal Alloy Co., Owens Illinois glass manufacturer, and Chessie Railroad Systems. No immediate growth of any significant rate is anticipated. Huntington is 276 miles south of Pittsburgh, PA and 45 miles west of Charleston, West Virginia.

The Reserve Center is dedicated to MAJ. Elbert L. Bias, who was awarded the Distinguished Service Cross Award and the Bronze Star. MAJ Bias was involved in both the Korean War and World War II. He died of Service connected injuries on 2 February 1956.

**II. Mission Statement:**

This facility is designated as the initial mobilization site for tenant units, as well as providing administrative and classroom space, storage areas, and organizational maintenance facilities for multiple unit training assemblies and other training activities.

**III. Military, Civilian Dependents, Students and Transients  
Living on Post: None.**

**IV. Area Data:**

- A. Land Uses: The land surrounding the facility is used for private residents and commercial businesses.
- B. Development of Oil and Gas Resources: None.
- C. Civilian Encroachment or Conflict with Operations and Mission: Civilian encroachment is not a problem at this time nor does there appear to be a conflict with operations or mission.
- D. Highways and Railroad Network: Adequate access to highways, railroad network and inland water transportation for movement of commodities are available. Tri State Airport is approximately 10 miles from the Reserve Center. See Enclosure 1.
- E. National and State Parks Within a 100-mile Radius: See Enclosure 2.
- F. General Climatic Conditions: The Huntington area has moderate temperature ranging from a mean temperature of 75.4 degrees in July, the warmest month, to 32.8 degrees in January, the coldest month, and an annual mean temperature of 55.2 degrees. Precipitation is well balanced with an annual fall of 40.72 inches the heaviest occurring from March to August totaling 23.26 inches while the remaining six months accumulate 17.46 inches.

**V. Land Data:**

A. Land Controlled:

<u># Acres</u>	<u>Acquired By</u>	<u>Purchase Cost</u>
5	Gov't Purchase	\$16,700

B. Land Uses

<u># Acres</u>	<u>Use</u>
5	The entire land area is utilized by units of &2 the USARC.

C. Future Plans: Construct new AFRC/OMS FY 94.

D. Management Uses: N/A.

E. Outlease & Permit Summary: N/A.

F. Areas Less than Optimally Used: NONE.

G. Propose Acquisition: NONE.

H. Proposed Disposals: NONE.

I. Significant Disposals in Past 10 Years: NONE.

J. Major Construction Projects Authorized, Funded And/Or  
Proposed: CONSTRUCT NEW AFRC/OMS

K. Overall Cost of Installation: UNKNOWN.

L. Facilities Within 3,000 feet of Active Airfield: None.

VI. Site Map: See Enclosure 1.

VII. Aerial Photos: Not Available.

VIII. Plot & Floor Plans: See Enclosures 3 through 7.

**IX. O & M Costs for FY 93:**

Maintenance and Repair -----	4,644.36	
Custodial Services -----	6,000.00	
Grounds Maintenance -----	2,000.00	
Minor Construction -----	0.00	
Utilities		
Fuel -----	0.00	
Gas -----	10,037.12	1,886 SCF
Water -----	2,257.75	137 MG
Sewer -----	238.39	96 MG
Electric -----	4,913.93	71,000 kWhr
Snow Removal -----	1,788.00	
Refuse Removal -----	1,195.08	
Misc -----	<u>2,200.00</u>	
Total O & M Costs -----	\$35,274.63	

**X. Reserve Component Facilities Utilization Data:**

A. Personnel Strength:

<u>UNIT</u>	<u>UIC</u>	<u>Assigned Str</u>	<u>Authorized Str</u>
326 OD CO	WQOZAA	139	137

B. Training Conducted: This facility is used for individual MOS and common tasks/NBC proficiency training. Section training is conducted in the areas of administration, supply, vehicle maintenance, communications, and dining /meal preparation. Limited collective training on unit tasks and on crew served weapons is also conducted.

C. Acreage: 5 Acres.

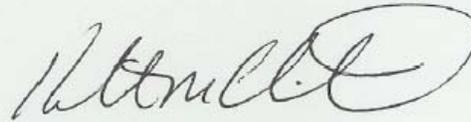
**XI. Questions to Identify not Needed and Underutilized Real Property.**

- A. Is the property being put to it's highest and best use?  
YES.
- B. Are O&M costs excessive in comparison to those of other similar facilities? NO.

- C. Will contemplated programs alter property requirements?  
NO.
- D. Is all property essential to program requirements?  
YES.
- E. Will local zoning provide sufficient protection for necessary buffer zones if a portion of the property is released? UNKNOWN.
- F. Are buffer zones kept to a minimum? UNKNOWN.
- G. Is the present property inadequate for approved future programs? YES.
- H. Can saving to the nation be realized through relocation, considering property prices for rental, costs of moving, occupancy and increase in efficiency of operation? NO.
- I. Have developments on adjoining non-federally owned land or public access or road right-of-ways granted across the government owned land, rendered the property or any portion thereof unsuitable or unnecessary to program requirements? NO.
- J. If federal employees are housed in government owned housing, is the local market willing to acquire government owned housing, or can it provide the necessary housing and other related services that will permit the government housing area to be released?  
N/A.
- K. Can the land be disposed of, and program requirements satisfied through reserving the rights and interests of the government in the property, if it is released. NO.
- L. Is a portion of any property being retained primarily because the present boundaries are marked by the existence of fences, hedges, roads, or utility systems?  
NO.
- M. Is any land being retained merely because it is considered undesirable property due to topographical features or encumbrances to right-of-ways or because it is believed to be non-disposable? NO.
- N. Is the land being retained because it is landlocked?  
NO.

- O. Is there land or space in government owned buildings that can be made available for utilization by others inside or outside the government on a temporary basis?  
NO.

PREPARED BY:



ROBERT M. CHRISTIAN  
LTC, EN  
99th ARCOM Engineer

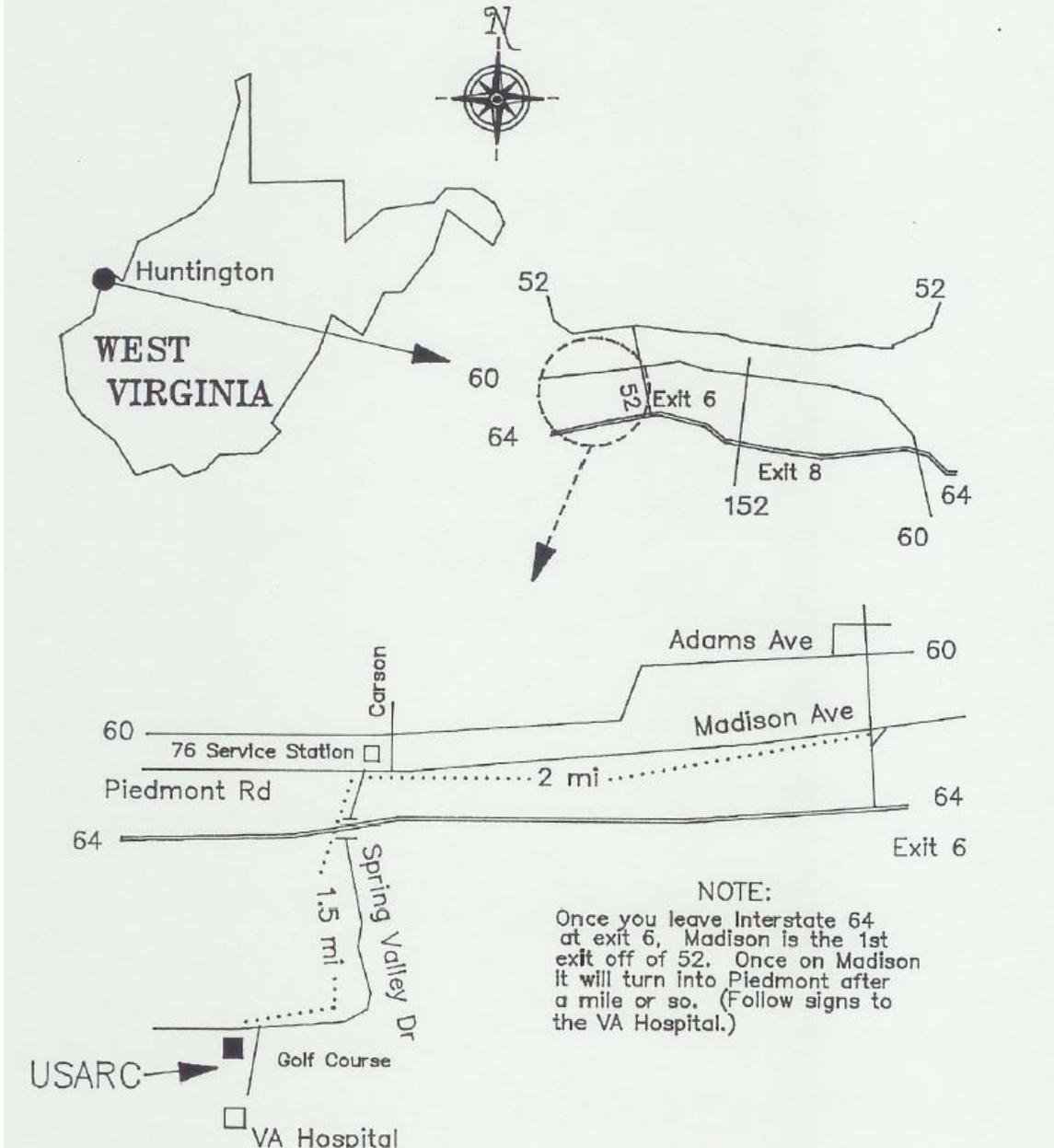
DATE: 30 JUNE 1994

MAJ ELBERT LESLIE BIAS USARC

1550 Spring Valley Drive  
Huntington WV 25704

304-429-5661

FACID - 16U20



ENCLOSURE 2:  
NATIONAL AND STATE PARKS WITHIN 100 MILES OF THE FACILITY

WEST VIRGINIA

Blennerhassett Island HIST SP	Cabwayingo SP
Bluestone SP	Camp Creek SF
Carnifex Ferry BTFL SP	Cedar Creek SP
Chief Logan SP	Hawks Nest SP
Kanawha SF	Little Beaver SP
North Bend SP	Panther SP
Pinnacle Rock SP	Point Pleasant SP
Twin Falls SP	

KENTUCKY

Bluelicks BTFL SP	Breaks Interstate Park
Buckhorn Lake SP	Carter Caves SRP
Daniel Boone NF	Grayson Lake SP
Greenbo Lake SP	Jenny Wiley SRP
Kentonia SF	Kincaid Lake SP
Kingdom Come SP	Natural Bridge SRP
Paintsville Lake SP	

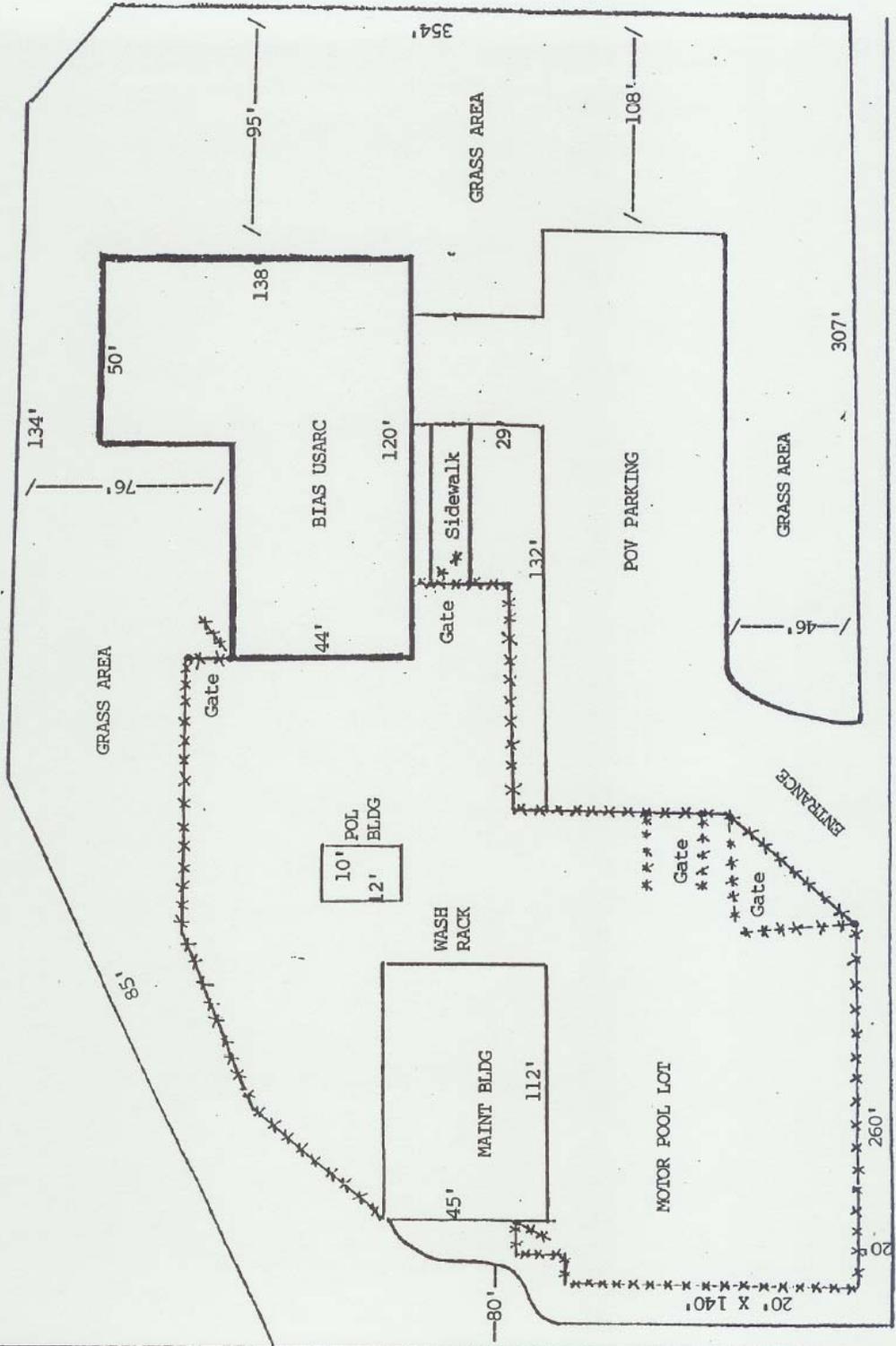
OHIO

Adams Lake SP	A. W. Marion SP
Ash Cave SP	Burr Oak SP
Cantwell Cliffs SP	Cedar Falls SP
Conkles Hollow SP	Cuyahoga Valley NRA
Deer Creek SP	East Fork SP
Forked Run SP	Great Seal SP
Hocking Hills SP	Jackson Lake SP
Lake Alma SP	Lake Hope SP
Lake Logan SP	Lake White SP
Old Man's Cave SP	Paint Creek SP
Perry SF	Pike SF
Pike Lake SP	Rock House SP
Rocky Fork SP	Scioto Trail SP
Shawnee SP	Strouds Run SP
Tar Hollow SP	Wayne NF

ABBREVIATIONS:

BTFL = Battlefield	CMPGR = Campground
FOR = Forest	FT = Fort
HIST = Historical	MEM = Memorial
MIL = Military	MON = Monument
MT = Mount	MTN = Mountain
NAT = National/Natural	NF = National Forest
NRA = National Recreational Area	PKWY = Parkway
RES = Reservoir/Resort	SF = State Forest
SHA = State Historical Area	SP = State Park
SRP = State Recreational Park	ST = State

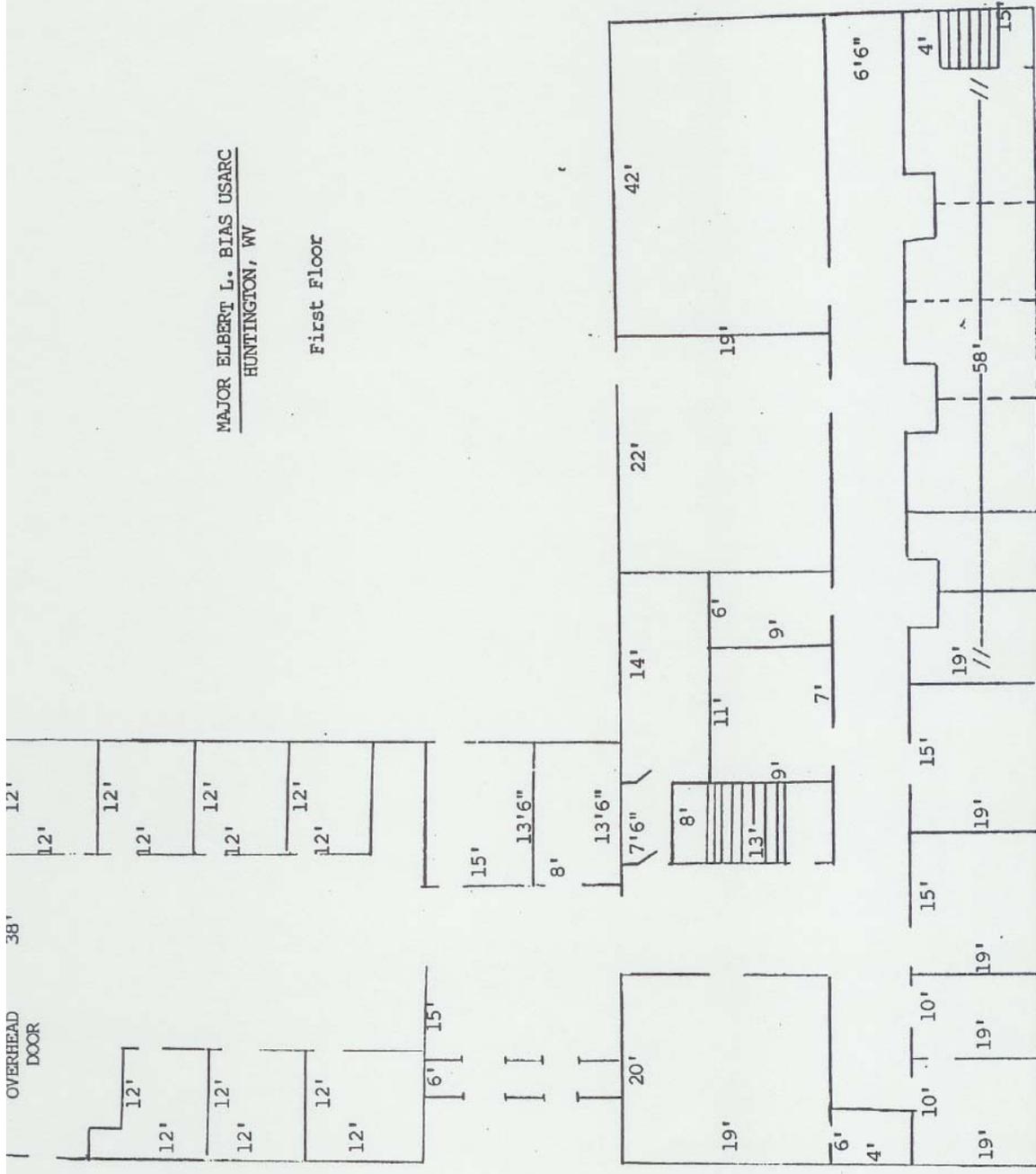
MAJOR ELBERT L. BIAS USARC  
HUNTINGTON, WV



HUNTINGTON VA HOSPITAL ACCESS ROAD

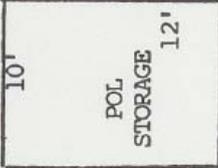
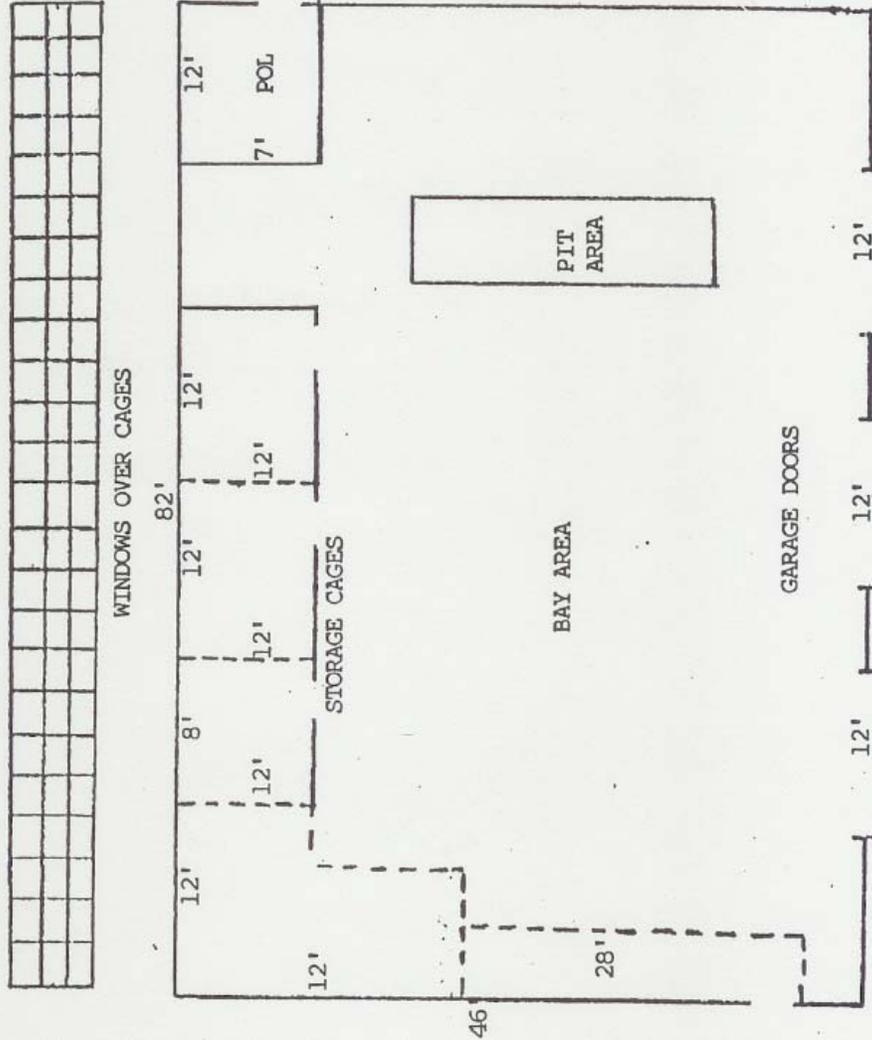
MAJOR ELBERT L. BIAS USARC  
HUNTINGTON, WV

First Floor



MAJOR ELBERT L. BIAS USARC  
HUNTINGTON, WV

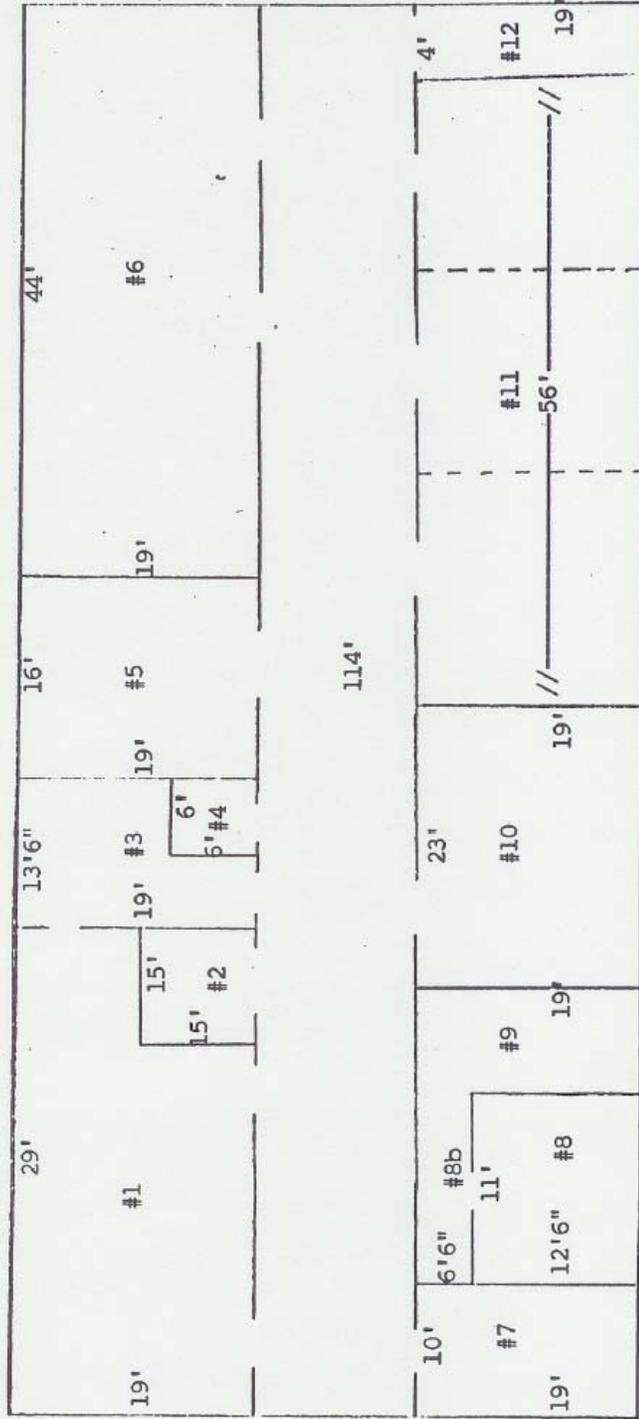
Maintenance Building



MAJOR ELBERT L. BIAS USARC  
HUNTINGTON, WV

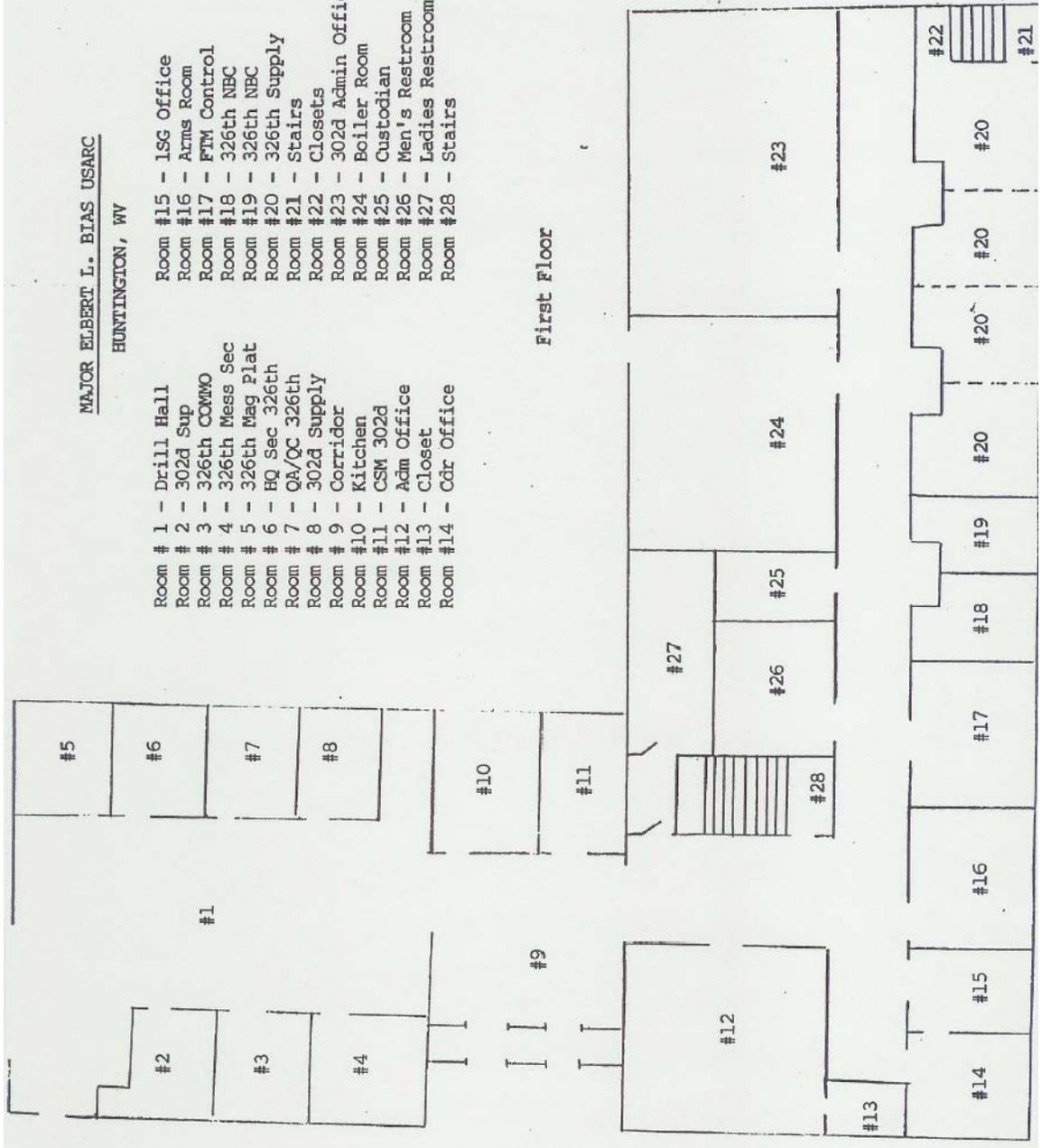
Second Floor

- Room # 1 - Supply Storage 302d
- Room # 2 - Stair Way
- Room # 3 - Women's Latrine & Shower
- Room # 4 - Custodian Closet
- Room # 5 - Men's Latrine & Shower
- Room # 6 - Supply Storage 326th
- Room # 7 - Supply Room 302d
- Room # 8 - RC Tng/RTN Tng Office
- Room #8b - Joint Usage
- Room # 9 - Offices
- Room #10 - Class Room
- Room #11 - Class Room
- Room #12 - Stair Way



MAJOR ELBERT L. BIAS USARC  
 HUNTINGTON, WV

- |                           |                               |
|---------------------------|-------------------------------|
| Room # 1 - Drill Hall     | Room # 15 - ISG Office        |
| Room # 2 - 302d Sup       | Room # 16 - Arms Room         |
| Room # 3 - 326th COMMO    | Room # 17 - FTM Control       |
| Room # 4 - 326th Mess Sec | Room # 18 - 326th NBC         |
| Room # 5 - 326th Mag Plat | Room # 19 - 326th NBC         |
| Room # 6 - HQ Sec 326th   | Room # 20 - 326th Supply      |
| Room # 7 - QA/QC 326th    | Room # 21 - Stairs            |
| Room # 8 - 302d Supply    | Room # 22 - Closets           |
| Room # 9 - Corridor       | Room # 23 - 302d Admin Office |
| Room # 10 - Kitchen       | Room # 24 - Boiler Room       |
| Room # 11 - CSM 302d      | Room # 25 - Custodian         |
| Room # 12 - Adm Office    | Room # 26 - Men's Restroom    |
| Room # 13 - Closet        | Room # 27 - Ladies Restroom   |
| Room # 14 - Cdr Office    | Room # 28 - Stairs            |



First Floor

CHEMICAL INVENTORY - Items for Disposal  
Sheet 1

Directorate/Tenant: 99th RSC POC: Ms Sigmon Pg. 1 of 3  
 Branch/Division: Leslie Bias USARC Extension: (304) 429-5661 Date: 4/2/98  
 WV017

Manufacturer Name	Chemical Name	National Stock #	Manufacturer Part #	Amount	Location
OK Pratt & Lambert	enamel paint gray enamel	8010-00-52 -		2 lbs	oil bldg
OK Sherwin Williams	Classic 99 white paint	1929-99993	spec TT-E-516A	2.5 lbs	oil bldg
OK "	"	"		5 lbs	
OK "	"	"		2 lbs	
OK Blidden Wal Mart	Spec Satin black paint			8 lbs	
OK 1-800-621-1000	flat enamel white			3.5 lbs	
Pratt & Lambert	green 34086	8010-00-528-5464	TT-E-5270	6 lbs	
ChemRay Coatings Corp	red 11136-1	8010-00-527-3199	TT-E-4896	12 lbs	
"	white 17875	8010-00-515-1596	TT-E-4896	1.9 lbs	
Pratt & Lambert	wh 17875	8010-00-515-1596	TT-E-4896	2.5 lbs	
ChemRay	red 11136-1			2.5 lbs	
P&L	wh 17875	8010-00-515-1596	TT-E-4896	1 lb	
ChemRay	wh 17875	8010-00-515-1596		2 lbs	
P&L	wh 17875	8010-00-515-1596	TT-E-4896	2 lbs	
ChemRay	wh 17875			2 lbs	

CHEMICAL INVENTORY

Sheet 1

Directorate/Tenant-

POC:

Pg. 2 of 3

Branch/Division:

Extension:

Date:

Manufacturer Name	Chemical Name	National Stock #	Manufacturer Part #	Amount	Location
PaL	wh 17875			2 lbs	
PaL	wh 17875				
"	"				
"	"				
ChemRay	wh 17875				
SS unknown	oil?			40 lbs	
SS Valspar	interior latex Satin Wall + Trim	Basel 40881 Green (Light)		40 lbs	
SS "	"	"		30 lbs	
SS "	"	"		10 lbs	
SS " unknowns mixed w/it		"		10 lbs	
Gateway	Traffic Paint Yellow 5351		<del>200-32C</del>	5 lbs	
Masterwork Paint	pastel base	LateX Satin Enamel	200-32C	5 lbs	
Unknown	yellow paint	1	51905 Tint Base	5 lbs	
Sears	weather beater		<del>72850</del>	3 lbs	
United Coatings	medium gray floor enamel		72850	3 lbs	
Unknown paint				4 lbs	

CHEMICAL INVENTORY

Sheet1

Directorate/Tenant:

POC:

Pg. 3 of 3

Branch/Division:

Extension:

Date:

Manufacturer Name	Chemical Name	National Stock #	Manufacturer Part #	Amount	Location
96 hydraulic	hydraulic fluid	9150-00-698-2382	Dextron 2	21bs	
97 unknown aerosol can	paint			1.51bs	
98 EMPIRE	multipurpose engine oil DAF-30		MIL-L-2104E	121bs	
99	lube oil	9150-00-188-9858	MIL-L-2104E	181bs	
100 Georgia-Pacific (Georgia)	joint compound			301bs	
101 Sherwin Williams	Black 854 B11 017-0303	industrial enamel MSDS 854XX		31bs	
102 Con Lux Coatings	paint enamel green	8010 00 5305563	TTE 489 G	61bs	
103 Sher Will	white 854 W10 7907-0493	industrial enamel 854XX		21bs	
104 Duplicolor Products	Acrylic Enamel - Red	Rust Solver 354-465		41bs	
105 Hentzen Coatings	Aliphatic polyurethane (4)	8010 01 2342935	MIL C53059	101bs	
106 Gateway Paint & Chemical	Porch & floor Black Brown 8514			21bs	

## REAL PROPERTY ACTION PLAN

Facility Name and Location: MAJ ELBERT L. BIAS USARC, WV017, 1550 Spring Valley Drive, Huntington, WV 25704-9588

1. Purpose.
  - a. The BRAC Commission recommended the complete closure of the MAJ Elbert L. Bias USARC and relocation of units into a new Armed Forces Reserve Center.
2. Assumptions.
  - a. The Cost Estimate of Funding for implementation of the closure is \$50,000, TBD in conjunction with NEPA Support Team.
  - b. The Proposed/Required NEPA Completion date for the closure must occur NLT 6 years from Dec 05.
3. General Concept of Operations.
  - a. Land and Land Use (Example: Facility WV017 is located on 5.0 acres of land located at 1550 Spring Valley Drive, Huntington, WV 25704-9589. The facilities surrounding area consists mainly rural and commercial properties. Acreage was purchased in 1956.
4. Facilities.
  - a. The Center consists of a single building containing the training portion of the USAR Center and the OMS site constructed in 1956. The facility is brick and block construction and built up roof with single rubber membrane ply. The building is fully utilized by the Medical Support Company which occupies it. Overall condition of the facility is in good condition.
  - b. IFS Data:

1.) Training bldg	14636 sq ft
2.) OMS	3915 sq ft
3.) POV Pavement	2651 sq yd
4.) MEP Pavement	3210 sq yd
5.) Sidewalk	475 sq yd
6.) Fence Line	880 L ft
5. Training Ranges and Programs (none)
6. Out grants and Tenants
  - a. Current tenants of the facility:
    - 18 MED HOSP, DET 1 (HUB)
    - 18 MED HOSP, DET 1 (HUH)
7. Off-Post Leases (N/A)
8. Infrastructure
  - a. The facility is serviced by local electric and gas companies. Water distribution, sanitary sewer and storm sewer are also maintained thru local utility companies.
  - b. Refer to Facility Action Plan Data for cost of the facility's utilities and maintenance services.
9. Privatization Initiatives. TBD

10. Environmental Concerns
  - a. Refer to Environmental Action Plan.
11. Plans after Mission Close-Out: TBD
12. Contact the 99<sup>th</sup> RRC Real Property Officer for the following:
  - a. Maps
  - b. Additional geospatial data if available
  - c. Additional graphic representations of property
  - d. As-Builts
  - e. Environmental Condition of Property
  - f. Out grants required to use and manage real property
  - g. DD1354
  - h. DA 337
  - i. DD 1391 (original)
  - j. Building history
    - i. Maintenance records
    - ii. Sustainment records
13. Point of Contact List (see following)
  - a. BRAC 2005 Implementation Guidance POC: TBD
  - b. BRAC 2005 Division/Real Property Conveyance Planning POC: TBD
  - c. Facility POC(s):  
Robert Hadfield, Facility Manager Specialist (304) 428-7518  
MS Sigmon, Building Coordinator, (304) 429-5661
  - d. 99<sup>th</sup> RRC Real Property Accountability Officer POC  
Ken Dunham (412) 604-8163 [kenneth.dunham@usar.army.mil](mailto:kenneth.dunham@usar.army.mil)  
Roger Kies (412) 604-8127 [roger.kies@us.army.mil](mailto:roger.kies@us.army.mil)
  - e. USACE District Real Property POC:  
Robert Webb, (410) 952-3666, [bob.webb@nab02.usace.army.mil](mailto:bob.webb@nab02.usace.army.mil)

SURVEY OF MAJOR ELBERT LESLIE BIAS USAR CENTER  
WV017  
HUNTINGTON, WV

The Major Elbert Leslie Bias USAR Center was surveyed in September, 1996 by the 416th ENCOM, Oakdale Facility Engineer Team. The attached checksheets indicate findings and any recommendations made to improve deficiencies noted during the survey. This facility is well maintained by the fulltime personnel.

Some observations made during the site visit follow:

The grease trap outside of the kitchen is corroded and in need of cleaning.

The washrack surface is serviceable but in need of grouting of cracks.

A storm drain pipe from adjacent property at the rear of this facility is discharging onto Army property and should be monitored for undesirable runoff.

Richard L. Conroy, SFC  
Oakdale F.E. Team

# WASH PLATFORM SURVEY

Installation MAJ E.L. BIAS USARC (HUNTINGTON) FID: WV017

User: CENTER

1. Does facility have a wash platform?  Yes  No

If "yes": How many? 1

Location(s): WESTERN END OF SHOP BLDG

2. Does wash platform location conform to as-built drawing?

Yes  No

If "no", why? \_\_\_\_\_

3. Does wash platform's discharge drain through a sedimentation man-hole or pit?  Yes  No

4. Does wash platform's discharge drain through an oil/water separator?  Yes  No

5. Does wash platform's drain have an automatic valve to divert storm-water to storm sewer before it enters the:

a. Sedimentation man-hole (pit)?  Yes  No

b. Oil/water separator?  Yes  No

6. Discharge location:  Public sanitary sewer  
 Permitted drain-field  
 Public storm sewer  
 Grade

7. Does location of discharge drain conform to as-built drawing?

Yes  No

If "no", why? \_\_\_\_\_

8. Surface drainage of surrounding area:

Drains around/away from wash platform  
 Drains into/across wash platform

9. Does wash platform drain properly?  Yes  No

If "no", why: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

10. Condition of wash platform's structure and recommended corrective actions, if applicable: (include existing Work Requests) (attach additional sheets if necessary)

GOOD - ONE CRACK, COULD BE GROUTED.  
\_\_\_\_\_  
\_\_\_\_\_

Attachments:

NONE  
\_\_\_\_\_  
\_\_\_\_\_

Prepared By:

SFC RICHARD CONROY

OAKDALE

Team

Engineer Support Group-East, 416th Engineer Command

Date:

15 SEP 1996

# FLOOR DRAIN SURVEY

Installation MAJ E.L. BIAS USARC (HUNTINGTON) FID: WV017

User: CENTER

1. Floor drain locations:

Boiler Room                       Kitchen                       Latrines  
 Can Wash                       OMS Service Bays                       Lube Pit  
 Outside Area Drains                       NONE

2. Do locations conform to as-built drawings?  Yes  No

If "no" explain: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. Do floor drains in OMS/AMSA discharge through an oil/water separator?  Yes  No  N/A

4. Do floor drains in Kitchen discharge through a grease trap?  
 Yes  No

5. Do floor drains at Exterior Can Wash discharge through a grease trap?  Yes  No  N/A

6. Does Exterior Can Wash have a cover, or roof, to prevent entry of rainwater?  Yes  No  N/A

7. Where do floor drains ultimately discharge?

Public sanitary Sewer ( \_\_\_\_\_ )  
 Permitted drain-field ( \_\_\_\_\_ )  
 Public storm sewer ( \_\_\_\_\_ )  
 Grade ( \_\_\_\_\_ )

A. Does discharge location conform to as-built drawing?  
 Yes  No

B. If "no" what is variance? \_\_\_\_\_  
\_\_\_\_\_

8. Do floor drains drain properly?  Yes  No

If "no", why: \_\_\_\_\_  
\_\_\_\_\_

9. Condition of floor drains and recommended corrective actions, if applicable: (attach additional sheets if necessary)

---

---

---

---

---

---

10. Attachments: NONE

---

---

---

---

---

Prepared By: SFC RICHARD CONROY  
OAKDALE Team  
Engineer Support Group-East, 416th Engineer Command

Date: 15 SEP 1996

# LUBE PIT SURVEY

Installation MAJ. E.L. BIAS USARC (HUNTINGTON) FID: WV017  
CENTER Location: SHOP BLDG

1. Does the facility have a lube pit?  Yes  No  
If "yes", how many? 1

2. Does location of lube pit(s) conform to as-built drawings?  
 Yes  No  
If "no" explain: \_\_\_\_\_  
\_\_\_\_\_

3. Is lube pit being used?  Yes  No

4. Does the floor drain in lube pit discharge through an oil/water separator?  
 Yes  No  N/A

5. Does the lube pit floor drain ultimately discharge?  
 Public sanitary Sewer  Permitted drain-field  
 Public storm sewer  Grade

Does discharge location conform to as-built drawing?  
 Yes  No  
If "no" what is variance? \_\_\_\_\_  
\_\_\_\_\_

6. Does floor drain drain properly?  Yes  No  
If "no", why: \_\_\_\_\_  
\_\_\_\_\_

7. Is exhaust system still connected to lube pit?  Yes  No  
If "yes", how much of the system has been removed: \_\_\_\_\_  
\_\_\_\_\_

Is lube pit lighting system operational?  Yes  No  
If "no", describe why: \_\_\_\_\_  
\_\_\_\_\_

9. Has lube pit been modified? \_\_\_ Yes \_\_\_ No

If "yes", describe modifications: \_\_\_\_\_

10. Attachments: NONE

Prepared By: SFC RICHARD CONROY  
OAKDALE Team  
Engineer Support Group-East, 416th Engineer Command

Date: 15 SEP 1996



# OIL/WATER SEPARATORS SURVEY

Installation MAJ E.L. BIAS USARC (HUNTINGTON) FID: WV017

User: N/A

1. Does the facility have an oil/water separator?  Yes  No

A. If "yes", where is it located? \_\_\_\_\_  
\_\_\_\_\_

B. Does location conform to as-built drawing?  
 Yes  No

2. Data Plate Information: Manufacturer \_\_\_\_\_  
Model No. \_\_\_\_\_  
Capacity \_\_\_\_\_

3. Is there a settling tank installed before the separator?  
 Yes  No

If "yes", what is its condition: \_\_\_\_\_  
\_\_\_\_\_

4. Does separator have an alarm to indicate that it needs to be emptied?  Yes  No

5. What fixtures discharge into the oil/water separator?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

6. Is rain-water permitted to drain into separator?  
 Yes  No

If "yes", from what source(s) \_\_\_\_\_  
\_\_\_\_\_

7. Discharge location:

Public sanitary sewer  Permitted drain-field  
 Public storm sewer  Grade

Does the discharge location conform to as-built drawing?  
 Yes  No

8. Does oil/water separator drain properly?  Yes  No

If "no", why: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

9. Condition of separator and recommended corrective actions, if applicable: (attach additional sheets if necessary)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

10. Attachments: NONE  
\_\_\_\_\_  
\_\_\_\_\_

Prepared By: SFC RICHARD CONROY  
OAKDALE Team  
Engineer Support Group-East, 416th Engineer Command

Date: 15 SEP 1996

# NEUTRALIZATION PITS SURVEY

Installation MAJ E.L. BIAS USARC (HUNTINGTON) FID: WV017

User: N/A

1. Does the facility have a neutralization pit?  Yes  No

A. If "yes", where is it located? \_\_\_\_\_  
\_\_\_\_\_

B. Does location conform to as-built drawing?  
 Yes  No

2. Data Plate Information: Manufacturer \_\_\_\_\_  
Model No. \_\_\_\_\_  
Capacity \_\_\_\_\_

3. What fixtures discharge into the neutralization pit?  
\_\_\_\_\_

4. Is rain-water permitted to drain into neutralization pit?  
 Yes  No

If "yes", from what source(s) \_\_\_\_\_  
\_\_\_\_\_

5. Discharge location:

Public sanitary sewer  Permitted drain-field  
 Public storm sewer  Grade

Local Building Code Official:

Name: FRED RUSSELL  
Address: WAYNE COUNTY  
P.O. BOX 248  
WAYNE WV 25570

Telephone Number: 304-272-5178

6. Does location of discharge conform to as-built drawing?  
 Yes  No

7. Does neutralization pit drain properly?  Yes  No

If "no", why: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

8. Condition of neutralization pit and recommended corrective actions, if applicable: (attach additional sheets if necessary)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Prepared By:

SFC RICHARD CONROY  
OAKDALE

Team

Engineer Support Group-East, 416th Engineer Command

Date:

15 SEP 1996

# TRENCH DRAIN SURVEY

Installation MAJ ELBIAS USARC (HUNTINGTON) FID: WV017

User: \_\_\_\_\_

Does the facility have trench drains?  Yes  No

If "yes", where are they located? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

B. Do locations conform to as-built drawing?  
 Yes  No

If "no" explain: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. Do trench drains in OMS/AMSA discharge through an oil/water separator?  Yes  No

3. Where do trench drains ultimately discharge?

Public sanitary Sewer       Permitted drainfield  
 Public storm sewer       Grade

4. Does discharge location conform to as-built drawing?  
 Yes  No

If "no" what is variance? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

5. Do trench drains drain properly?  Yes  No

If "no", why: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

6. Condition of trench drains and recommended corrective actions, if applicable: (attach additional sheets if necessary)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

7. Attachments: NONE  
\_\_\_\_\_  
\_\_\_\_\_

Prepared By: SFC RICHARD CONROY  
OAKDALE Team  
Engineer Support Group-East, 416th Engineer Command

Date: 15 SEP 1996

# SANITARY SEWER SURVEY

Installation MAJ E.L. BIAS USARC (HUNTINGTON) FID: WV017

User: CENTER

Are facilities connected to a public sanitary sewer?

Yes  No

If "no", is public sanitary sewer service planned for the area in the future?  Yes  No

If "yes", when? \_\_\_\_\_

If "no", how far is it to the nearest public sanitary sewer? \_\_\_\_\_

Can the line be extended by the U.S. Army to the center?  Yes  No  N/A

Name, address, and telephone number of Sewer Authority serving area:

SPRING VALLEY PUBLIC WORKS  
500 SUMMER STREET  
CHARLESTON WV

Prepared By:

SFC RICHARD CONROY

OAKDALE

Team

Engineer Support Group-East, 416th Engineer Command

Date:

15 SEP 96







1. Name, address, and telephone number of local electric utility company:

AMERICAN ELECTRIC POWER Co.  
1125 SIXTH AVE  
HUNTINGTON WV  
304-522-0311

2. Was utility company contacted to obtain required information?  
 Yes  No

A. If "no", explain why: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. If "yes", was needed information provided over the telephone or will it be mailed?

Provided over the telephone  Will be mailed

Prepared By: SFC RICHARD CONROY  
OAKDALE Team  
Engineer Support Group-East, 416th Engineer Command

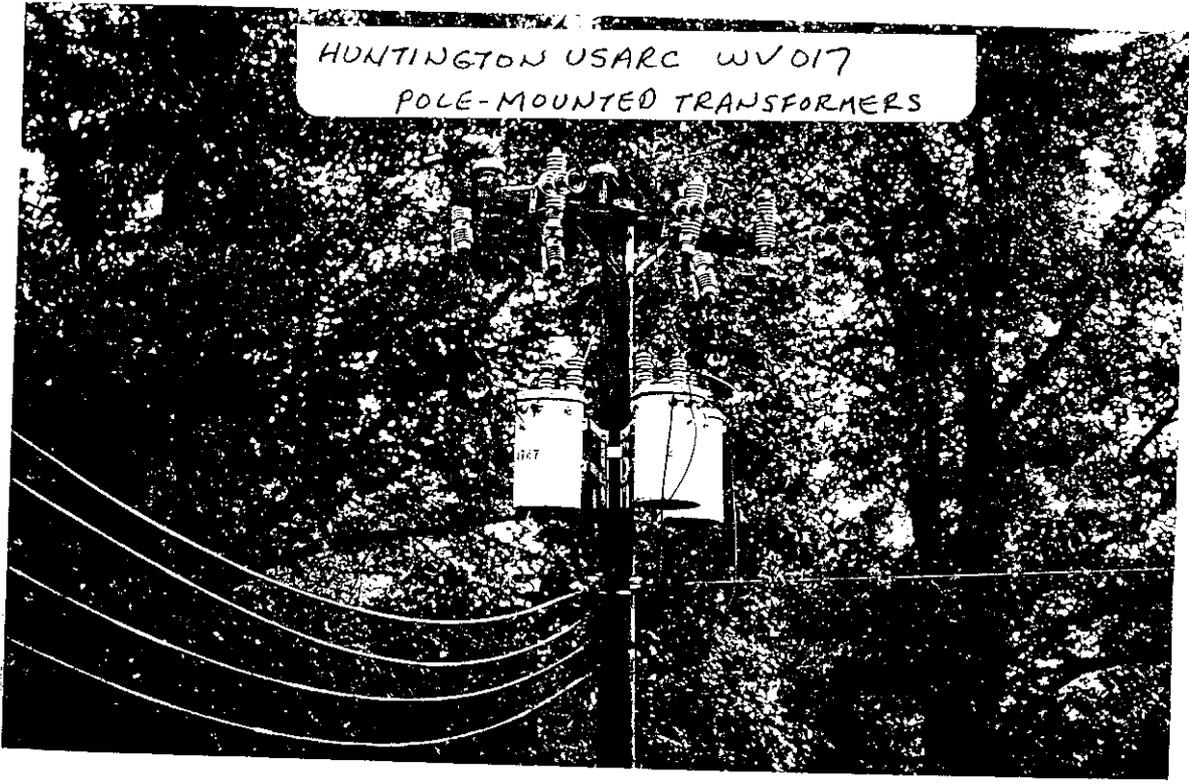
Date: 15 SEP 1996

CENTER POC:  
MR DIGGS (304) 453-5780  
MRS. NANCY SIGMON

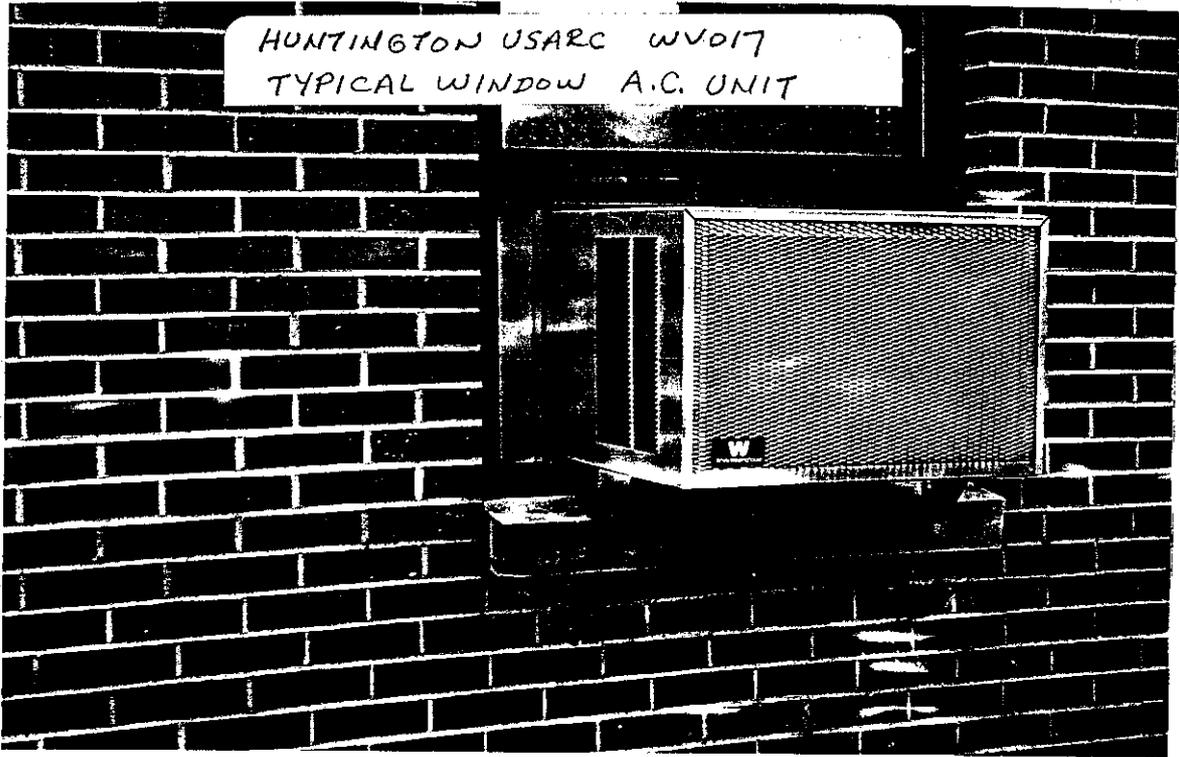
HUNTINGTON USARC WV017  
STORM DRAIN FROM OTHER PROPERTY



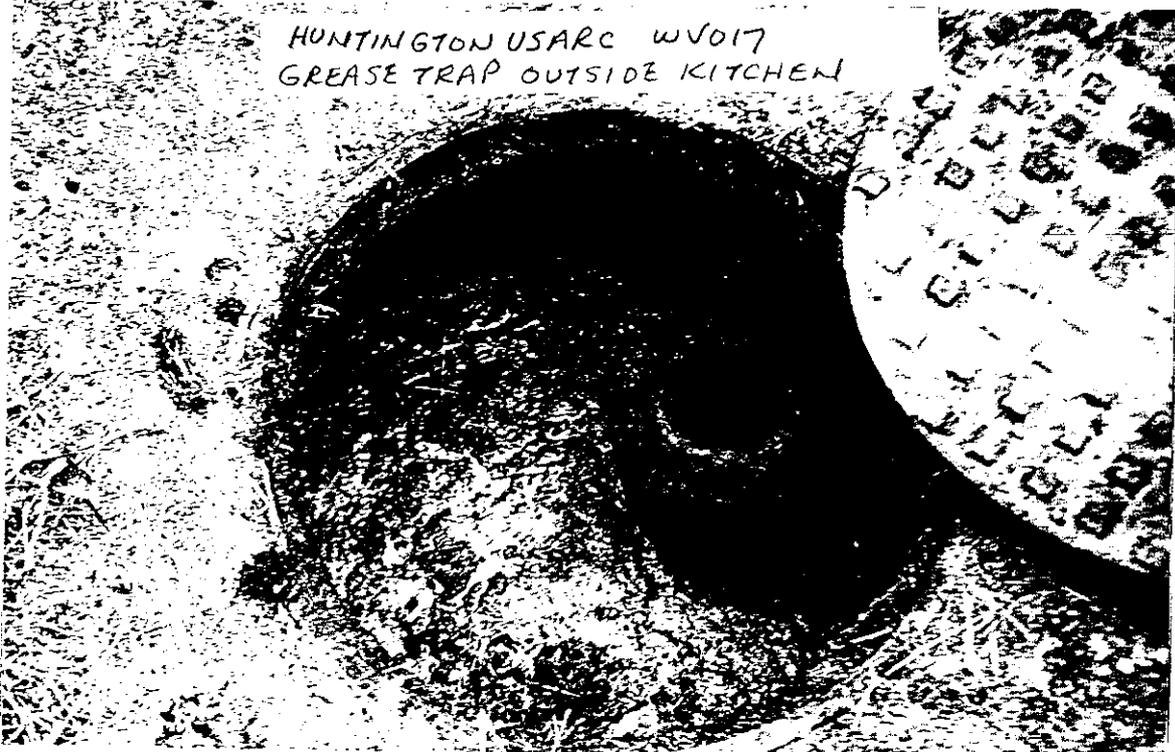
HUNTINGTON USARC WV017  
POLE-MOUNTED TRANSFORMERS



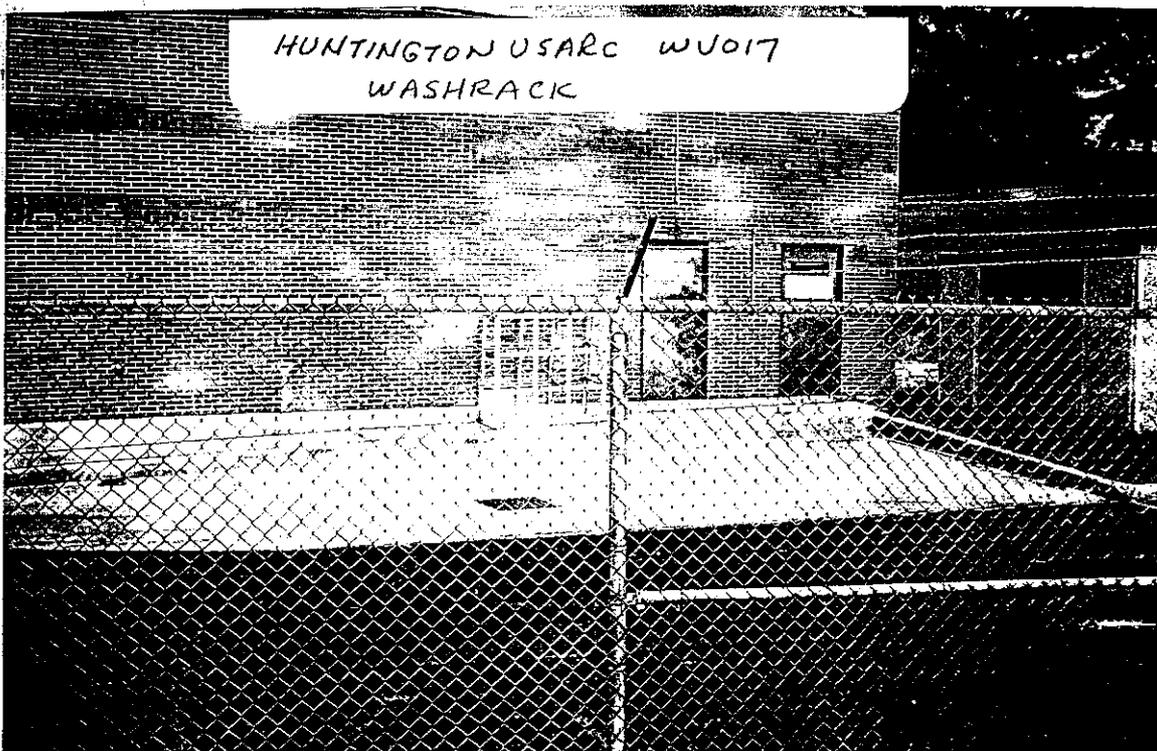
HUNTINGTON USARC WVO17  
TYPICAL WINDOW A.C. UNIT



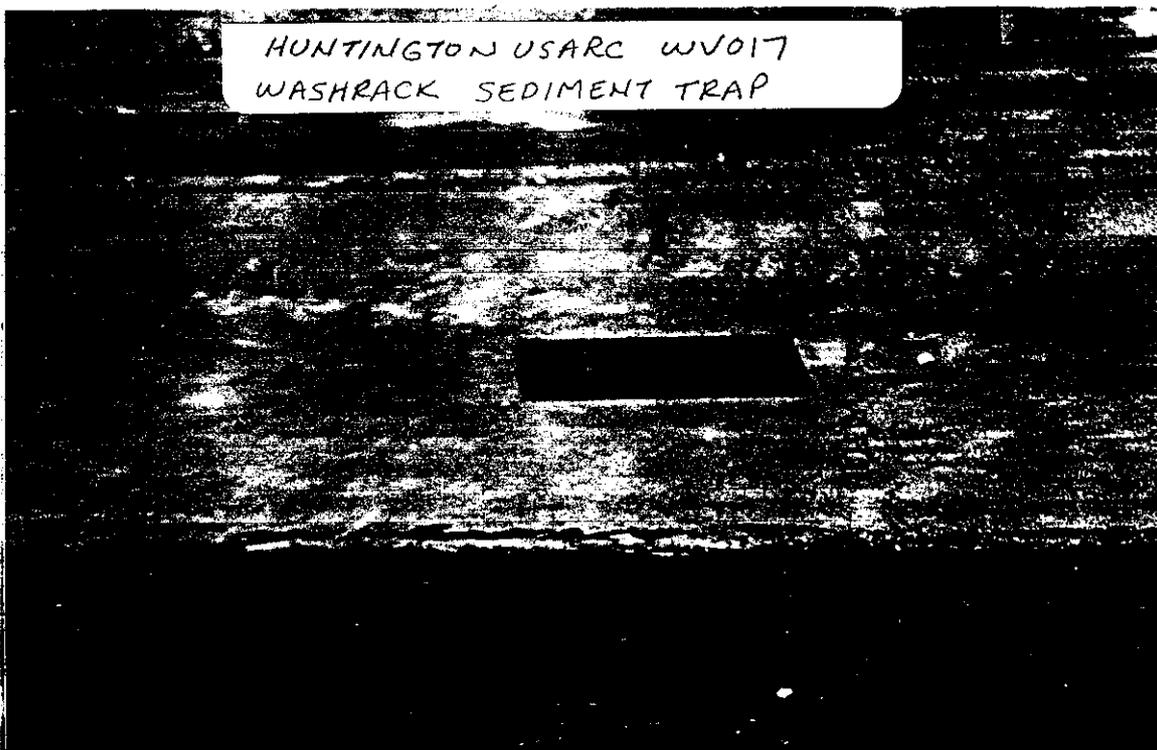
HUNTINGTON USARC WVO17  
GREASE TRAP OUTSIDE KITCHEN



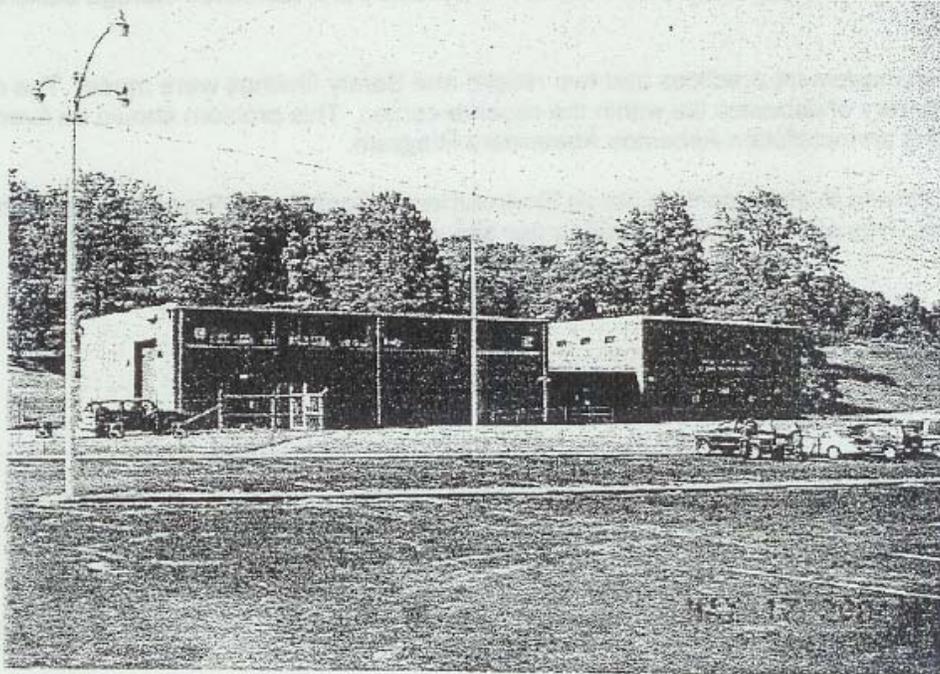
HUNTINGTON USARC WJ017  
WASHRACK



HUNTINGTON USARC WJ017  
WASHRACK SEDIMENT TRAP



**DEPARTMENT OF THE ARMY**  
**HEADQUARTERS**  
**U.S. ARMY FACILITY ENGINEER GROUP**  
**10 S. 100 SOUTH FRONTAGE ROAD**  
**DARIEN, IL 60561-1780**



**ENVIRONMENTAL COMPLIANCE ASSESSMENT**  
for  
**MAJOR ELBERT LESLIE BIAS USAR CENTER**

Huntington, West Virginia  
Facility I.D. No. WV017  
Date of Visit: 17 May 2001

PREPARED BY:  
**OAKDALE FACILITY ENGINEER TEAM**  
**FACILITY ENGINEER CENTER - NORTHEAST**  
**Building 8543**  
**6<sup>th</sup> Armored Cavalry Road**  
**Fort Meade, MD 20755**

INSTALLATION SCREEN

\*FFID: WV-2104WV017  
\*Installation Name: MAJ ELBERT LESLIE BIAS USARC  
Installation Category: R  
MACOM: USARC

MUSARC: 18TH FIELD HOSPITAL  
BASOPS ARCOM: 99TH  
Support Installation: CHARLES E. KELLY SUP FACILITY  
Facility / Activity Type: 1) OM 2) RM 3) 4) 5)

EPA Region: 3  
Congressional District:  
Address: 1550 SPRING VALLEY DRIVE

City: HUNTINGTON  
State: WV  
Country: USA  
Zip Code: 25704-9589

ASSESSMENT SCREEN

\*Fiscal Year: 2001                      \*Assessment Date (MM/DD/YYYY): 05/17/2001  
\*Assessment Type: E  
\*Manual Used: T

Manual Supplement Used:

Local Manual (OCONUS: MACOM Specific Manual)  
Date (MM/YYYY): /  
Author:  
Title:

State Manual (OCONUS: Country Specific Manual)  
Date (MM/YYYY): /  
Author:  
State Postal Code or Country Code:

\*Assessor Name: MSG ROBERT W. HADFIELD, II  
Point of Contact: LTC SAMUEL J. COLELLA

Address: 206 KASEVILLE ROAD

City: DANVILLE  
State: PA  
Zip Code: 17321-  
Phone: (570)271-4159

For Contract ECAS

Contract Number:  
Delivery Order Number:  
Contracting Office:

HM.35.2 #1 HS FEDERAL FINDING

Hazardous Materials

FINDING ID: WV01700003

MANUAL QUESTION NUMBER: HM-035-002

FINDING CATEGORY: HEALTH/SAFETY

FINDING TYPE: Negative EXISTING NOV: NO

LOCATION: FIRST SERGEANT'S OFFICE

IFS FACILITY NUMBER:

FACILITY TYPE: USARC(MB) - U.S. ARMY RESERVE CENTER - MAIN BLDG

FINDING DESCRIPTION: A CAN OF SPRAY PAINT WAS FOUND TO BE IMPROPERLY STORED IN THE FIRST SERGEANT'S OFFICE.

CRITERIA: Flammable/combustible storage rooms inside of buildings must meet certain specifications (29 CFR 1910.106 (d)(4)) [April 1995].

FINDING COMMENTS:

SUGGESTED/ALTERNATIVE CORRECTIVE ACTION(S): FLAMMABLE MATERIALS ARE REQUIRED TO BE STORED IN AN APPROVED STORAGE CABINET.

STATUS OF CORRECTION:

\*\*\*\*\* INSTALLATION'S RESPONSE: \*\*\*\*\*

1) CORRECTIVE ACTION (CA) SELECTED: \_\_\_\_\_

*not environmental - refused to safety*

2) CURRENT STATUS OF THE CA: *closed 11/9/01*

3) ARE ADDED DETAILS OR COST DATA NEEDED TO DESCRIBE THIS CA?: Y\_\_ N\_\_  
EXPLAIN: \_\_\_\_\_

4) ESTIMATED COMPLETION DATE FOR CA: \_\_\_\_\_

5) REVIEWER'S REMARKS: \_\_\_\_\_

NAME/OFFICE/PHONE: *Jimmy Stewart* DATE: *11/8/01*

T2.1.3.R #1 III ARMY/DOD FINDING Asbestos

FINDING ID: WV01700001  
MANUAL QUESTION NUMBER: T2-001-003-R  
FINDING CATEGORY: CLASS III  
FINDING TYPE: Negative EXISTING NOV: NO  
LOCATION: USARC  
IFS FACILITY NUMBER:  
FACILITY TYPE: USARC(MB) - U.S. ARMY RESERVE CENTER - MAIN BLDG

FINDING DESCRIPTION: THE FACILITY HAS NOT CONDUCTED AN ASBESTOS SURVEY

CRITERIA: Facilities are required to conduct an asbestos survey (AR 200-1, para 10-2j and 10-3b(1) through 10-3b(3)).

FINDING COMMENTS:

SUGGESTED/ALTERNATIVE CORRECTIVE ACTION(S): VERIFY THAT A SURVEY IS COMPLETED BY ACCREDITED PERSONNEL AND THAT PERIODIC FOLLOW UP INSPECTIONS ARE CONDUCTED.

STATUS OF CORRECTION:

\*\*\*\*\* INSTALLATION'S RESPONSE: \*\*\*\*\*

1) CORRECTIVE ACTION (CA) SELECTED: \_\_\_\_\_

2) CURRENT STATUS OF THE CA: \_\_\_\_\_

3) ARE ADDED DETAILS OR COST DATA NEEDED TO DESCRIBE THIS CA?: Y\_\_ N\_\_  
EXPLAIN: \_\_\_\_\_

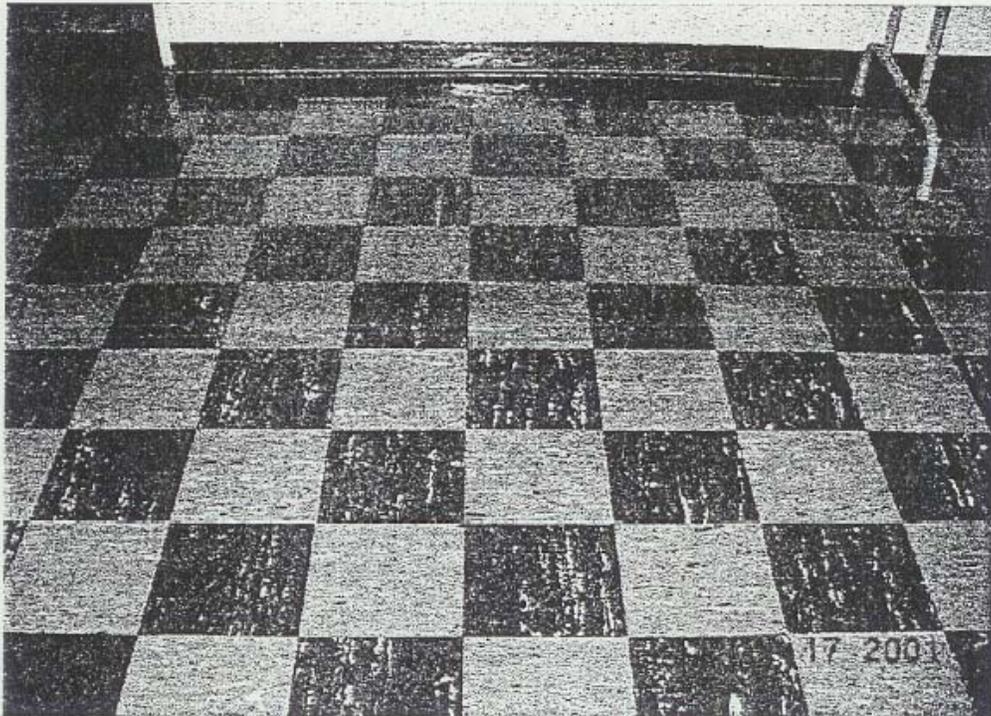
4) ESTIMATED COMPLETION DATE FOR CA: \_\_\_\_\_

5) REVIEWER'S REMARKS: \_\_\_\_\_

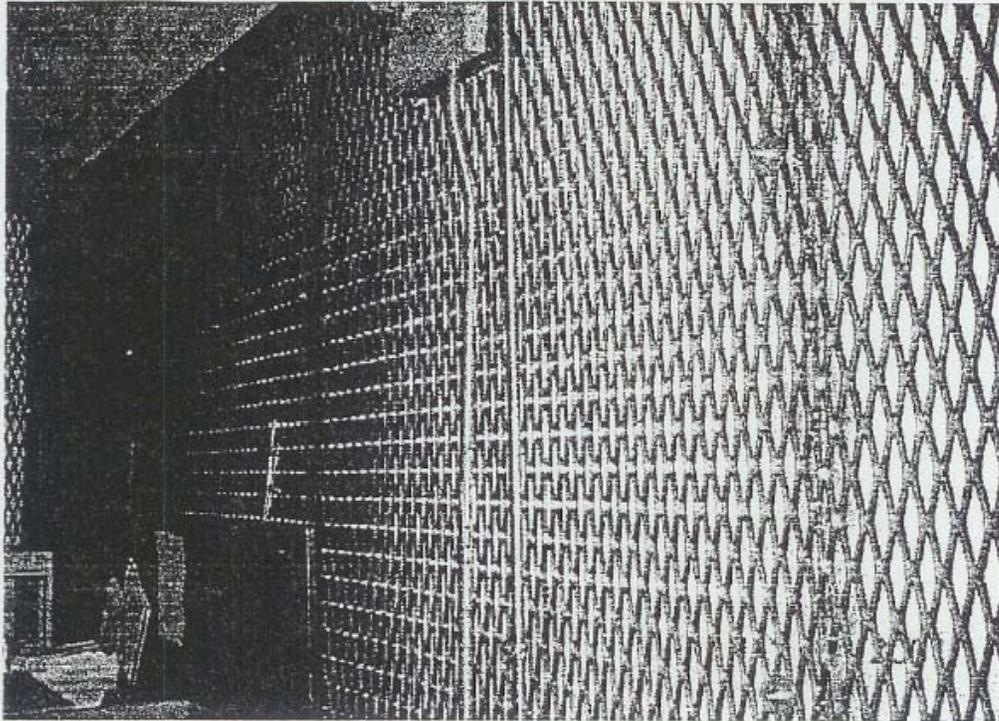
NAME/OFFICE/PHONE: \_\_\_\_\_ DATE: \_\_\_\_\_



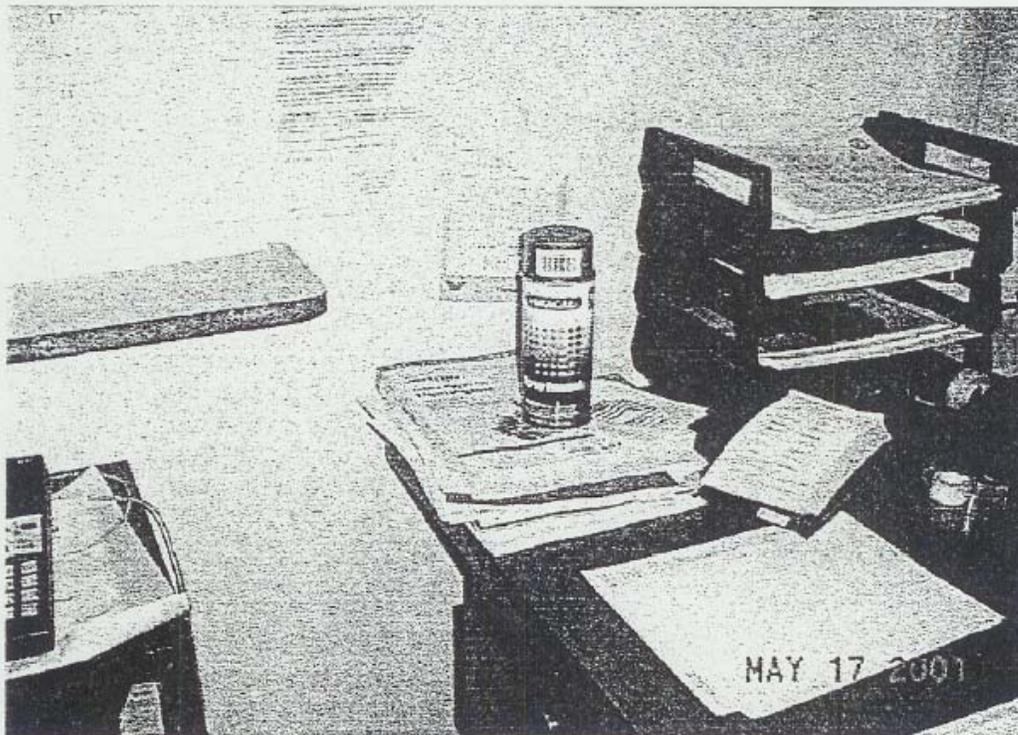
ELECTRICAL SERVICE ENTRANCE, BIAS USAR CENTER (WV017)



ASBESTOS TILE, BIAS USAR CENTER (WV017)



INTERIOR OF VAULT, BIAS USAR CENTER (WV017)



IMPROPER STORAGE, BIAS USAR CENTER (WV017)



HQ, 99th RSC, RSO #1  
ATTN: AFRC-CPA-EN-E (Hartsell)  
99 Sukliers Lane  
Coraopolis, PA 15108-2550  
(412) 604-8441 or  
(800) 400-2650 X 8441  
(800) 946-4646 PIN 7128580 pager  
(412) 604-8156 fax



TAD PGS, Inc.

Proscribed Government Services

October 21, 2002

MEMORANDUM FOR MAJ ELBERT LESLIE BIAS USARC PERSONNEL

SUBJECT: Internal ECAS conducted May 23, 2002

1. Enclosed you will find a copy of the report generated for all of the findings identified during the ECAS.
2. Please review all new findings for suggested corrective actions to be taken. Upon completion of the corrective actions, please send a copy of all actions taken back to the RSO for closure.
3. Please contact the undersigned at (412) 604-8441 or (800) 946-4646 pin 7128580 for any questions and for assistance in resolving all open findings.

Sincerely,

Kelley Hartsell  
Environmental Specialist  
Adecco Technical in support of  
99 DARIM, Region 1

## INSTALLATION SCREEN

\*FFID: WV-2104WV017  
\*Installation Name: MAJ ELBERT LESLIE BIAS USARC  
Installation Category: R  
MACOM: USARC

MUSARC: 99TH ARCOM  
BASOPS ARCOM: 99TH  
Support Installation:  
Facility / Activity Type: 1) RM 2) 3) 4) 5)

EPA Region: 3  
Congressional District:  
Address: 1550 SPRING VALLEY DRIVE

City: HUNTINGTON  
State: WV  
Country: USA  
Zip Code: 25704-9589

## ASSESSMENT SCREEN

\*Fiscal Year: 1997                      \*Assessment Date (MM/DD/YYYY): 03/12/1997  
\*Assessment Type: E                      5/23/02  
\*Manual Used: T

Manual Supplement Used:

Local Manual (OCONUS: MACOM Specific Manual)  
Date (MM/YYYY): /  
Author:  
Title:

State Manual (OCONUS: Country Specific Manual)  
Date (MM/YYYY): /  
Author:  
State Postal Code or Country Code:

\*Assessor Name: SFC ROBERT W. HADFIELD, II  
Point of Contact: LTC JAMES F. GREEN

Address: 45 SCENIC HILLS DRIVE

City: PARKERSBURG

TABLE 1-1  
SUMMARY OF FINDINGS

INSTALLATION: MAJ ELBERT LESLIE BIAS USARC      Fiscal Year: 2001  
FFID: WV-2104WV017

SECTION NO. TITLE	REGULATORY			MANAGEMENT			TOTAL
	I	II	HS	POS	III	HS	
A Air Emissions	0	0	0	0	0	0	0
C Cultural Resources	0	0	0	0	0	0	0
HM Hazardous Materials	0	0	1	0	0	0	1
HW Hazardous Waste	0	0	0	0	0	0	0
NR Natural Resource	0	0	0	0	0	0	0
O1 Environmental Impacts	0	0	0	0	0	0	0
O2 Environmental Noise	0	0	0	0	1	0	1
O3 IRP	0	0	0	0	0	0	0
O4 Pollution Prevention	0	0	0	0	0	0	0
O5 Program Management	0	0	0	0	1	0	1
PM Pesticide	0	0	0	0	0	0	0
PO POL	0	0	0	0	1	0	1
SO Solid Waste	0	0	1	0	0	0	1
ST Storage Tanks	0	0	0	0	0	0	0
T1 PCB	0	0	0	0	0	0	0
T2 Asbestos	0	0	0	0	2	0	2
T3 Radon	0	0	0	0	0	0	0
T4 Lead Based Paint	0	0	0	0	0	0	0
WA Wastewater	0	0	0	0	0	0	0
WQ Water Quality	0	0	0	0	1	0	1
TOTALS	0	0	2	0	6	0	8

Data File Name Prefix: D:/ECAS/ECASFIND/WV017\BIAS  
Date Summary Report Produced: 10/21/2

O2.1.10.RS #1 III ARMY/DOD FINDING Environmental Noise  
MANUAL QUESTION NUMBER: O2-001-010-RS FINDING ID: WV017-K201  
FINDING CATEGORY: CLASS III  
FINDING TYPE: Negative EXISTING NOV: NO  
LOCATION: USARC - RECORDS  
IFS FACILITY NUMBER:  
FACILITY TYPE: USARC(MB) - U.S. ARMY RESERVE CENTER - MAIN BLDG

FINDING DESCRIPTION: There is no noise complaint monitoring system in place for the facility.

SUGGESTED/ALTERNATIVE CORRECTIVE ACTION(S): A noise complaint procedure should be initiated for the facility.

CRITERIA: Facilities must institute a noise complaint procedure (AR 200-1, para 7-2f) [January 1997].

FINDING COMMENTS:

STATUS OF CORRECTION: COMPLETE

INSTALLATION RESPONSE: NO RESPONSE REQUIRED.

O5.1.1.RS #1 III GMP FINDING Program Management  
MANUAL QUESTION NUMBER: O5-001-001-RS FINDING ID: WV017-K202  
FINDING CATEGORY: CLASS III  
FINDING TYPE: Negative EXISTING NOV: NO  
LOCATION: USARC - RECORDS  
IFS FACILITY NUMBER:  
FACILITY TYPE: USARC(MB) - U.S. ARMY RESERVE CENTER - MAIN BLDG

FINDING DESCRIPTION: There is no current copy of either the AR 200-1 or The Commander's Guide to the Environment available at the facility.

SUGGESTED/ALTERNATIVE CORRECTIVE ACTION(S): A current copy of the AR 200-1 and the Commander's Guide to the Environment should be provided for the facility.

CRITERIA: Copies of all relevant Federal, DOD, Army, and state/local regulations, and guidance documents pertaining to air emissions, and access to electronic bulletin boards (e.g., DENIX) should be available at the ARCOM/RSC (MP).

FINDING COMMENTS:

STATUS OF CORRECTION: COMPLETE

INSTALLATION RESPONSE: NO RESPONSE REQUIRED.

WQ.115.1.RS #1 III ARMY/DOD FINDING Water Quality  
MANUAL QUESTION NUMBER: WQ-115-001-RS FINDING ID: WV017-K204  
FINDING CATEGORY: CLASS III  
FINDING TYPE: Negative EXISTING NOV: NO  
LOCATION: USARC - RECORDS  
IFS FACILITY NUMBER:  
FACILITY TYPE: USARC(MB) - U.S. ARMY RESERVE CENTER - MAIN BLDG

FINDING DESCRIPTION: There was no record a backflow preventer survey has ever been conducted at the facility.

SUGGESTED/ALTERNATIVE CORRECTIVE ACTION(S): A backflow preventer survey should be conducted at the facility.

CRITERIA: The Army is required to control or eliminate sources of pollutants and contaminants to protect water resources (AR 200-1, para 2-2d) [January 1997].

FINDING COMMENTS:

STATUS OF CORRECTION: COMPLETE

INSTALLATION RESPONSE: NO RESPONSE REQUIRED.

## Environmental Compliance Assessment Checklist

Date: 5/23/02

Facility Name: Bio-USARC

Address: \_\_\_\_\_

What type of area surrounds the facility? Residential

Commercial  Industrial \_\_\_\_\_ Military \_\_\_\_\_

Facility ID Number: WV017

Telephone Number of Facility Coordinator: \_\_\_\_\_

Key Full-time Personnel: 

	Name	Position
_____	_____	_____
_____	_____	_____
_____	_____	_____

List of all units at the facility: 

	Unit	Assd. Strength
_____	_____	_____
_____	_____	_____
_____	_____	_____

Approximately how many pieces of equipment/vehicles are stored at the facility? \_\_\_\_\_

What type of maintenance is being performed at the facility?

Organizational  Direct Support \_\_\_\_\_ General Support \_\_\_\_\_

### General

Yes    No    N/A

*some  
papers  
- direct*

- |  |                                     |                                     |                                     |
|--|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Has the facility appointed an Environmental Coordinator?                  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 2. Have each of the units appointed a Unit Environmental Compliance Officer? | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 3. Has the facility received an NOV?   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| 4. Are copies of all service contracts on file (rags/parts washer)?          | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| 5. Is a copy of the EPA ID # on file?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 6. Are copies of all permits on file?  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

### Air Emissions Management

- |  |                          |                                     |                                     |
|--|--------------------------|-------------------------------------|-------------------------------------|
| 1. Is the facility in an air quality attainment region (has the local news ever announced an air quality alert)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| 2. Does the facility dispense any fuel?  | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 3. Is the fuel point permanent?  | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

	Yes	No	N/A
a. Leaded gasoline? _____			
b. Diesel? _____			
c. Unleaded gasoline? _____			
d. Mogas? _____			
4. Is the fuel point vehicle mounted?	_____	_____	<input checked="" type="checkbox"/>
5. Does the unit use bulk CFCs or halons?	_____	<input checked="" type="checkbox"/>	_____
6. Is there an indoor firing range?	_____	<input checked="" type="checkbox"/>	_____
a. Has the range been closed? _____			
b. Was the range cleaned before being used for another purpose? _____			
b. Are copies of the cleaning records kept on file? _____			
7. Is the facility required to have any local air emissions permits?	_____	<input checked="" type="checkbox"/>	_____
- 8. Is any burning conducted at the facility?	_____	<input checked="" type="checkbox"/>	_____
- 9. Are there any painting operations at the facility other than spot painting and facility maintenance?	_____	<input checked="" type="checkbox"/>	_____
10. Is the parts washer lid kept closed?	_____	_____	<input checked="" type="checkbox"/>
<b>Cultural Resources Management</b>			
1. Does the facility have any sites listed on the National Register of Historic Sites?	_____	<input checked="" type="checkbox"/>	_____
2. Is there any evidence of archeological resources at the facility?	_____	<input checked="" type="checkbox"/>	_____
3. Does the facility have any graves or artifacts?	_____	<input checked="" type="checkbox"/>	_____
4. Is the facility less than 50 years?	<input checked="" type="checkbox"/>	_____	_____
<b>Hazardous Materials Management</b>			
- 1. Does the unit/facility have a master listing of hazardous substances used or stored at the facility?	_____	<input checked="" type="checkbox"/>	_____
<i>only have med</i>			
- 2. Does each chemical procured or stored at the facility have an MSDS?	<input checked="" type="checkbox"/>	_____	_____
<i>also have for personal supplies</i>			
- 3. Has a copy of the inventory, with a facility diagram indicating all storage locations for HazMat and HazWaste, been given to the local fire department and the state emergency response committee?	_____	<input checked="" type="checkbox"/>	_____
4. Does the facility have indoor flammable/combustible storage areas?	<input checked="" type="checkbox"/>	_____	_____
5. Do all flammable storage rooms have secondary containment berms, sealed floors, explosion proof electrical fixtures and proper ventilation?	_____	_____	_____

	Yes	No	N/A
6. Does the facility use bulk acids?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Does the facility use compressed gas?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Is all HazMat stored neatly, with secondary containment and a spill kit?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9. Are all materials stored properly and with compatible materials?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10. Is all HazMat used in order of expiration dates (i.e. older materials used first)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
11. Has all excess HazMat been turned in (i.e. should only be enough material on hand for a 90-day supply)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Are all containers in good condition and properly labeled?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
13. Does the facility have a written HazCom Program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. <del>Is there a written HazCom Program?</del>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Hazardous Waste Management**

1. Is the facility a generator of hazardous waste?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Does the facility generate less than 220 lbs. (approx. 28 gal) of hazardous waste in one month?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Does the facility generate more than 220 lbs. (approx. 28 gal) but less than 2205 lbs. (approx. 273 gal) of hazardous waste in one month?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. Does the facility generate more than 2205 lbs. (approx. 273 gal) of hazardous waste in one month?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. Does the facility have a hazardous waste minimization program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Does the facility store any munitions or ordnance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Does the facility any medical, dental, or veterinary waste? <i>contract done but no copy yet</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Does the facility produce waste solvents?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Does the facility dispose of hazardous wastes? a. How and where? <u>ORMO when have</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Is all disposal documentation kept on file?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Does the facility have a Hazardous Waste Management Plan?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Do all people who handle hazardous waste have training?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Are copies of all training records kept on file at the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Yes	No	N/A
14. Is the weekly Collection Point Checklist completed and on file?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
15. Are the collection point inventories kept current and access controlled?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
16. Are all containers in good condition and properly stored and labeled?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
17. Is all HazWaste stored neatly, with secondary containment and a spill kit?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Natural Resources Management**

1. Are there any endangered or threatened plant or animal species on or near the facility?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Have there been any natural resources controversies at the facility?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Are the grounds landscaped?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Other Environmental Issues**

1. Have there been any complaints on noise produced by Army activities and operations at the facility?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Has the facility conducted an Incompatible Use Zone (ICUZ) study, or does it have a statement of negligible impact?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Are you aware of any sites that may have been contaminated in the past? <i>ICUZ log</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Has the facility been contacted by any outside agency regarding past contamination?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Are there any areas of known distressed (discolored) vegetation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Does the facility have a copy of the AR 200-1 and the Commander's Guide to the Environment? <i>e-mail Commander's Guide</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Have any other environmental assessments or inspections (i.e. RSC/CLR/EPA/DEP) been conducted? <i>4/6/2k</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Do you have the results of the inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Does the unit have its higher headquarters environmental SOPs?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Do all the units prepare an Environmental Assessment for field activities on non-government land? <i>It stay does it since this is just a detachment</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Does the facility have the 99 <sup>th</sup> RSC Pollution Prevention Plan?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Yes	No	N/A
<b>Pesticide Management</b>			
1. Does the facility use pesticides?	___	<input checked="" type="checkbox"/>	___
a. Contractor application? _____			
b. In-house application? _____			
c. Both contractor and in-house application? _____			
d. Is the applicator certified and licensed? _____			
2. Are records of the quantities of all pesticides used on file?	___	<input checked="" type="checkbox"/>	___
3. Are pesticides stored on the facility? Please list locations.	___	<input checked="" type="checkbox"/>	___
_____			
_____			
_____			
4. Does your FMS follow the 99 <sup>th</sup> RSC Integrated Pest Management Plan?	<input checked="" type="checkbox"/>	___	___
5. Routine, periodic chemical applications?	___	<input checked="" type="checkbox"/>	___
<b>POL Management</b>			
1. Does the facility have a current (3 yr. old or less) SPCCP/ISCP?	___	___	<input checked="" type="checkbox"/>
2. Is the SPCCP/ISCP exercised annually (mock spill events conducted)?	___	___	<input checked="" type="checkbox"/>
3. Does the facility generate used oil? (This includes POL products like used oil and fuel.) Where?	___	___	<input checked="" type="checkbox"/>
<i>one drum oil been here however</i>			
<i>- Bob will look into DCS/DG card</i>			
<i>paying for it</i>			
_____			
_____			
4. Does the facility burn used oil?	___	<input checked="" type="checkbox"/>	___
5. Does the facility dispose of used oil? How?	___	___	___
_____			
_____			
6. Are the containers used to collect used oil labeled USED OIL?	___	___	___
<b>Solid Waste Management</b>			
1. Does the local community have a recycling program?	<input checked="" type="checkbox"/>	___	___
2. Does the facility have a recycling program?	<input checked="" type="checkbox"/>	___	___
<i>aluminum cans</i>			

	Yes	No	N/A
3. Does the facility dispose of trash and refuse? How? _____ _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Is there enough dumpster for the amount of trash generated?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Are the dumpster lids kept closed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Is all solid waste properly segregated (i.e. recyclables only in recycling dumpster and trash in trash dumpster)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### Storage Tank Management

1. Does the facility have aboveground storage tanks used for the storage of petroleum products or hazardous waste? (Attach additional pages if necessary.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Location	Substance	Capacity	
_____	_____	_____	
_____	_____	_____	
_____	_____	_____	
_____	_____	_____	
2. Does the facility have any underground storage tanks? (Attach additional pages if necessary.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Location	Substance	Capacity	
_____	_____	_____	
_____	_____	_____	
_____	_____	_____	
_____	_____	_____	
3. Does the facility have any USTs no longer in service?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. Is the integrity of the tanks tested monthly?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. Do the USTs meet 1998 standards?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

### Toxic Substances Management

1. Does the facility own any transformers, heat transfer, or hydraulic systems containing PCBs?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Has the facility-wide asbestos survey been completed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Does the unit remove brake drums as part of its vehicle maintenance operations at the facility?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Have the maintenance personnel been trained in asbestos handling?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. Is there a facility Asbestos Management Plan?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

	Yes	No	N/A
6. Has the facility been tested for radon?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. If radon levels are over 4.0 pCi/l, have mitigation efforts been programmed?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8. Is there a facility Lead-Based Paint Survey?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Is there an indoor firing range?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Has the range been closed?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10. Has the range been cleaned and cleaning documented?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Wastewater Management**

1. Are vehicles washed at this facility?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Does the facility have a washrack?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Does the facility have an OWS?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Has the OWS been cleaned within the past two years and records kept on file?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. Does the facility have a photographic laboratory?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Does the facility have a kitchen? a. Does the facility have a grease trap?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Is all vehicle maintenance performed indoors?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Are there drip pans for leaking vehicles?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Are all wastes kept out of drains?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Is there a SW Management Plan? <i>not needed</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Water Quality Management**

- What is the source of the drinking water at this facility?  
\_\_\_\_\_
- What is the name of the utility company? \_\_\_\_\_
- Is there a facility lead and copper testing report?
- Is there a backflow preventor survey?

Signature of person performing this assessment: *Jillie Hartzell*  
Date Completed: *5/23/02*



DEPARTMENT OF THE ARMY  
HEADQUARTERS, CHARLES E. KELLY SUPPORT FACILITY  
OAKDALE, PENNSYLVANIA 15071-5000



REPLY TO  
ATTENTION OF:

AFKA-CK-EH-E

27 OCT 92

MEMORANDUM THRU AFKA-CK-EH *RD 10/27*

FOR Commander, Maj Elbert L. Bias USARC, 1550 Spring Valley Drive,  
Huntington, WV, 25704

SUBJECT: Radon Monitoring Results

1. Radon monitoring was conducted at your facility during the period of NOV 91-FEB 92. I have received the detector results from the contract analytical laboratory.
2. Average radon concentrations for your facility are below the 4 pCi/l recommended action level established by the U.S. Environmental Protection Agency. Average concentrations for your facility are in the .3-0.8 pCi/l range.
3. Workers at your facility have no increased risk of respiratory problems due to radon. No significant health risk from radon or the decay-daughters of radon exists in your buildings. Please ensure all workers in your facility are informed of these radon monitoring results.
4. If you have any questions concerning the radon levels at your installation or the interpretation of the analytical results, feel free to contact me at COMM: (412) 777-1397 or DSN: 242-1397.

*Lyn Smith Gemperle*  
LYN SMITH GEMPERLE  
Environmental Engineer

CF:  
AFKA-CK-GC  
AFRC-APP-CG

ASBESTOS SURVEY REPORT  
DAKF36-95-C-0062

Maj. Elbert Leslie Bias USARC  
1550 Spring Valley Drive  
Huntington, WV 25704-9589  
WV017

54585  
12001

Building Function: USARC

**HUB TESTING LABORATORIES**

Consulting and Testing Engineers



95 Beaver Street — Waltham, Mass. 02154 — (617) 893-8330



## HUB TESTING LABORATORIES

Consulting and Testing Engineers

95 Beaver Street — Waltham, Mass. 02154 — (617) 893-8330

DEPARTMENT OF THE ARMY  
HEADQUARTERS, 10th MOUNTAIN DIVISION  
FORT DRUM, FORT DRUM, NEW YORK 13602-500

ASBESTOS SURVEY REPORT  
DAKF36-95-C-0062

### BUILDING IDENTIFICATION:

Maj. Elbert Leslie Bias USARC  
1550 Spring Valley Drive  
Huntington, WV 25704-9589

Building Function: USARC

Inspection Date: 11/30/95

Hub Testing Laboratories, Inc., 95 Beaver Street, Waltham, Massachusetts has been contracted by the Department of the Army to perform an asbestos survey of the USARC in Huntington, WV. The inspector for this building was David Johnson.

Hub conducted an interview with each facility point of contact and performed a visual survey of the facility. All samples of suspect material were properly collected, labeled, sealed and returned to the laboratory for analysis.

The survey accomplished under this scope of work is intended to create a baseline from which an effective O&M program could be implemented; to support design efforts for space alterations in the building; to identify existing locations where asbestos abatement work is needed.

### Inspector Certification:

  
David Johnson  
Inspector  
I10951098

## BUILDING DESCRIPTION:

The building is a two story brick and cement block construction.

## SURVEY SUMMARY:

Based on the best information available and a thorough visual inspection, this building was found to have asbestos containing building materials (ACBM) in the following locations. Each identified asbestos containing material is prioritized in accordance with severity of damage as factored from the assessment parameter outlined on each inspection/hazard assessment sheet.

### 1. First Floor Offices and Hallways

Material: TSI - 3" OD Pipe Lagging

Approximate Quantity: 500 LF

Assessment: Significantly Damaged - refer to photo #18

Recommendation: Due to the very friable nature of the material used to insulate the pipes. It is recommended that all insulation that is damaged or highly accessible such as that which is in the hallways should be removed to prevent further damage. Air samples should also be taken to ensure that the air quality remains at safe levels.

Material: TSI - 8" OD Pipe Lagging

Approximate Quantity: 75 LF

Assessment: The pipe lagging is in good condition.

Recommendation: Perform periodic six month reinspection of material to assess any changes in materials condition.

## 2. 2nd Floor Rooms

Material: TSI - 3" OD Pipe Lagging

Approximate Quantity: 30 LF

Assessment: Significantly Damaged - refer to photo #19

Recommendation: All insulation at the radiators in the second floor classrooms should be removed to prevent further damage damage due to impact with chairs, desks, etc.

## 3. Drill Hall

Material: TSI - 4.5" OD Pipe Lagging

Approximate Quantity: 150 LF

Assessment: Damaged - refer to photo #21

Recommendation: Exposed ends and broken areas of pipe insulation should be repaired or capped with re-wettable fiberglass wrap(wet wrap).

To determine that the air quality in the drill hall remains at safe levels it is recommended that air samples be taken in the vicinity of the damage.

Material: TSI - 2.5" OD Pipe Lagging

Approximate Quantity: 200 LF

Assessment: Damaged - refer to photo #20

Recommendation: It is recommended that this damaged insulation should be removed because it is at floor level and is very susceptible to further damage from activity in the drill hall.

Material: TSI - 10" OD Pipe Lagging

Approximate Quantity: 35 LF

Assessment: The pipe insulation is in good condition.

Recommendation: Perform periodic six month reinspection of material to assess any changes in materials condition.

Material: TSI - 8" OD Pipe Lagging

Approximate Quantity: 80 LF

Assessment: The pipe insulation is in good condition.

Recommendation: Perform periodic six month reinspection of material to assess any changes in materials condition.

4. Boiler Room - The overall condition of all the insulation in the boiler is poor. All insulation on pipes and tanks is significantly damaged. It is recommended that the entire boiler room be abated or an extensive repair operation be implemented. Because of the extent of the damage and the potential for contamination it is highly recommended that air samples be taken in and adjacent to the boiler room.

Material: Thermal Systems Insulation (TSI) - 10" OD Pipe Lagging

Approximate Quantity: 50 LF

Assessment: Significantly Damaged - refer to photos #13-17

Recommendation: Follow general recommendations.

Material: TSI - 8" OD Pipe Lagging

Approximate Quantity: 40 LF

Assessment: Significantly Damaged - refer to photos #13-17

Recommendation: Follow general recommendations.

Material: TSI - 4.5" OD Pipe Lagging

Approximate Quantity: 90 LF

Assessment: Significantly Damaged - refer to photos #13-17

Recommendation: Follow general recommendations.

Material: TSI - Hot Water Tank

Approximate Quantity: 100 SF

Assessment: Damaged - refer to photos #13-17

Recommendation: Follow general recommendations.

Material: TSI - 2'OD Pipe Lagging

Approximate Quantity: 12 LF

Assessment: Significantly Damaged - refer to photos #13-17

Recommendation: Follow general recommendations.

Material: TSI - 3" OD Pipe Lagging

Approximate Quantity: 40 LF

Assessment: Significantly Damaged - refer to photos #13-17

Recommendation: Follow general recommendations.

5.

Material: Green/Black 9"x 9" Floor Tile

Approximate Quantity:

Assessment: The overall condition of the floor tile is in good condition and classified as non-friable. Spot damage to individual tiles was observed at abutting doorway entrances. No loose or dislodged pieces of tile were observed. The chipped tiles have a sufficient coating of wax in effect encapsulating the damaged areas.

Recommendation: Where damage has occurred to asbestos-containing floor tile, (VAT), three observations should be made to determine the proper response action:

1. The extent of damage
2. The integrity of the tile or tiles
3. The potential for further damage

In this case only minor damage has occurred, such as cracking or chipping of the tile, minimal action is required. If the tile or tiles are still adhered to the underlayment, tile chips should be removed and remaining tile encapsulated. Maintaining a sufficient coating of wax over the tile will diminish the risk of a fiber release from the damaged edges. In the event that the tile or tiles become loose or dislodged, it is necessary to replace the damaged material with a non-asbestos containing floor tile. When dealing with a large homogenous area of tile, where more than 10% of the tiles are significantly damaged, removal of the entire area should be considered. When assessing the potential for further damage, the following items should be considered: The amount of tile and traffic volumes, The locations of tile, such as choke-points, abutting doorway entrances, or areas where damaged tiles are a chronic problem.

In areas in which tiles are missing the areas should be replace with a non asbestos containing tile. This will help prevent further damage to the surrounding tile.

6. Throughout Building

Material: Tile Mastic

Approximate Quantity:

Assessment: The mastic is non-friable and inaccessible to the building occupants. The mastic is sealed under the existing floor tile.

Recommendation: Perform periodic six month reinspection of material to assess any changes in materials condition.

7. Lower Roof over foyer

Material: Roof Tar Paper

Approximate Quantity:

Assessment: The tar paper is non-friable and inaccessible to the building occupants. The material is in good condition

Recommendation: Perform periodic six month reinspection of material to assess any changes in materials condition.

**OPERATIONS & MAINTENANCE PLAN:**

After having conducted the asbestos survey of the building, we at Hub Testing Laboratory have the following recommendations for response actions and ongoing asbestos management for the building.

1. Training

In the event that the Designated Person changes, or new maintenance personnel are hired, the Designated Person must have and provide a minimum of 2 hours of Asbestos Awareness Training for these individuals. Additionally, all current maintenance personnel who conduct activities which disturb ACBM shall receive an

additional 14 hours of training. Personnel should receive annual updates of Awareness Training.

## 2. Recordkeeping

Records containing inspections, response actions, training etc. must be maintained at each center. The master files should be maintained at a central location such as the office governing maintenance activities for each USAR Center. Continue to update files pertaining to;

- a. Training/Licensing of personnel who may come in contact with ACBM at each center.
- b. Notifications
- c. Response Actions
- d. Reinspections

## 3. Labeling

All friable asbestos containing materials must be maintained with identifying labels. These labels will alert maintenance and sub contractors to the existence of asbestos containing materials in potential work areas.

\*The labeling of materials is very important specifically in mechanical spaces, plumbing chases and crawl spaces where sub-contractors are likely to affect a repair or perform maintenance on a system which is insulated with ACM.

### **CAUTION**

**Asbestos. Hazardous.  
Do Not Disturb  
Without Proper  
Training and Equipment**

## 4. Cleaning

In the case that the material becomes friable as a result of damage the material should be repaired and debris cleaned by qualified, trained maintenance personnel with proper cleaning methods and protective clothing. If an area with damaged ACBM or ACBM debris be observed during the

initial inspection or subsequent reinspections initial cleaning should be conducted in the area of a minor fiber release episode (the uncontrolled or unintentional disturbance of ACBM involving 3 square or linear feet or less of ACBM). The initial cleaning employs wet methods and is conducted at least once after completion of the inspection and before the initiation of a response action other than an O&M activity. For large amounts the initial cleaning must be conducted by accredited/licensed asbestos abatement professionals.

## 5. Notifications

The AHERA regulations allow a range of flexibility as to how and when the Designated Person provide notification to workers and building occupants. This may be performed by posting the notifications in the building, including this information in a newsletter, or included in informational packets at the start of employment.

It is important to inform personnel of reinspections and response actions planned. This information should be specific for each center and should outline affected materials and actions taken. Additionally, the notification should instruct persons that the Management Plans, inspections etc. are on file at the centers administration office and available for review upon request.

## 6. Reinspections

The Designated Person should ensure that the buildings in his/her jurisdiction are surveyed every six months and reinspected by a licensed inspector every three years.

The periodic six month surveillance should include the following components:

1. Name of the building, person performing the surveillance, and the date of the surveillance.
2. Refer to the most current inspection and follow this information to visually inspect previously identified materials.
3. Read the previous inspection to see how the materials had been assessed and document any changes if any in the material.
4. Materials should be referred to in a homogeneous fashion i.e. hot water pipe insulation, boiler insulation, etc.

## 7. Response Actions

At the completion of each six month surveillance the designated person must select and implement in a timely manner the appropriate response action. Priority should be give to the damaged areas in relation to the risk posed to human health and the environment. The action chosen may also be the least burdensome as long as the damaged material is restored to its original condition. If the material cannot be restored then removal must be conducted. The AHERA final rule identifies five major response actions: Continue Operations and Maintenance six month surveillance, Repair damaged ACBM, Encapsulate ACBM, Enclose ACBM, and Remove ACBM.

There are five major categories of damaged or potentially damaged ACBM.

1. Damaged or significantly damaged thermal system insulation ACM.
2. Damaged friable surfacing or miscellaneous ACM.
3. Significantly damaged friable surfacing or miscellaneous ACM.
4. Friable surfacing or miscellaneous ACM, and thermal system insulation ACM which has potential for significant damage.
5. Friable surfacing or miscellaneous ACM, thermal system insulation ACM which has potential for damage.

For all damaged or significantly damaged thermal system insulation, the Designated person must at a minimum repair the damaged area. If it is not feasible, due to technological factors, to repair the damaged material, it must be removed. The Designated person must maintain all thermal system insulation in an intact state and undamaged condition. If damaged friable surfacing or miscellaneous ACBM is present then the Designated person shall encapsulate, enclose, remove ore repair the damaged area.

To assist the Designated persons evaluation of the risk potential posed by damaged ACBM an air monitoring program may be instituted in areas where ACBM is present. Conducting surface wipe sampling for asbestos may further help in assessing the presence or extent of contamination.

## 8. Care & Maintenance Of Floor Tile

1. The sanding of asbestos containing floor tile is prohibited.
2. The stripping of finishes shall be conducted using low abrasion pads at speed lower than 300 rpms and wet methods.
3. The burnishing or dry buffing may be performed only on asbestos containing flooring which has sufficient finish so that the pad cannot contact the asbestos containing material.

All work beyond the capabilities of a trained and licensed in house O&M maintenance person must be performed by a licensed and qualified asbestos removal contractor. All abatement projects outside of O&M must be designed by a licensed Project Designer.

### **BULK SAMPLE ANALYSIS:**

<u>Sample Number</u>	<u>Sample I.D.</u>	<u>Constituents %</u>
9132-1 Color: White	Sheetrock	Mineral Chip 80-90 Cellulose 10-20
9132-2 Color: White	Sheetrock	Mineral Chip 80-90 Cellulose 10-20
9132-3 Color: White	Sheetrock	Mineral Chip 80-90 Cellulose 10-20
9132-4 Color: Green/Black	Floor Tile 9"x 9"	*Chrysotile 3-5 Mineral Chip 30-40 Opagues 20-25 Organic Binder **
9132-4A Color: Black	Tile Mastic	*Chrysotile 10-15 Mineral Chip 10-15 Opagues 20-25 Organic Binder **

9132-7	TSI on Water Tank	*Chrysotile 20-30 *Amosite 30-40 Glass Fiber 5-10 Mineral Chip 20-25
	Color: White	
9132-10	TSI on 2'OD Pipe	*Chrysotile 70-80 Mineral Chip 15-20 Opagues 3-5
	Color: White	
9132-13	TSI on 10" OD Pipe	*Chrysotile 20-30 *Amosite 30-40 *Crocidolite 5-10 Mineral Chip 10-15
	Color: White	
9132-16	TSI on 8" OD Pipe	*Chrysotile 20-30 *Amosite 30-35 *Crocidolite 5-10 Mineral Chip 10-20 Cellulose 5-10
	Color: White	
9132-19	TSI 4.5" OD Pipe	*Chrysotile 30-40 *Amosite 30-40 Mineral Chip 20-25
	Color: White	
9132-22	TSI 3" OD Pipe	*Chrysotile 30-40 *Amosite 30-40 Mineral Chip 20-25
	Color: White	
9132-25	TSI on 2.5"OD Pipe	*Chrysotile 25-30 Mineral Chip 10-20 Cellulose 40-50 Opagues 5-10
	Color: White	
9132-28	Acoustical Tile	Cellulose 100
	Color: Tan	

9132-29 Color: Tan	Acoustical Tile	Cellulose	100
9132-30 Color: Tan	Acoustical Tile	Cellulose	100
9132-31 Color: Black	Roof Sealer	Mineral Chip	40-50
		Cellulose	3-5
		Opaques	10-20
		Organic Binder	**
9132-32 Color: Black	Roof Sealer	Mineral Chip	40-50
		Cellulose	3-5
		Opaques	10-20
		Organic Binder	**
9132-33 Color: Black	Roof Sealer	Mineral Chip	40-50
		Cellulose	3-5
		Opaques	10-20
		Organic Binder	**
9132-34 Color: Black	Roof Tar Paper	*Chrysotile	10-15
		Mineral Chip	30-40
		Cellulose	Trace
		Opaques	20-25
		Organic Binder	**

\* Chrysotile is a common form of asbestos.  
\* Amosite is a common form of asbestos.  
\* Crocidolite is common form of asbestos.  
\*\* Unable to quantify due to the use of solvents in the mounting process.

Department Of The Army  
 REPORT FOR: Headquarters, 10th Mountain Division  
 Fort Drum, New York 13602-500  
 Asbestos Survey

PROJECT: DAKF36-95-C-0058 & DAKF36-95-C0062  
 Building Function: *Mir E.L. Gas USARC*  
 BUILDING DESCRIPTION: *2 Story Brick*  
*2 Hartley, WV*

HUB TESTING LABORATORY, INC.  
 95 BEAVER STREET  
 WALTHAM, MA 02154  
 617893-8330

INSPECTOR: *David Johnson*  
 SIGNATURE: *David A. Johnson*

DATE: *4/30/95*

FUNCTIONAL SPACE	FLOORS	WALLS	CEILING	SAMPLE #	MATERIAL/LOCATION	PREPARED SURFACING (S)	QUANTITY	AIR EROSION Y/N	FRAGILE (F) OR NON-FRAGILE (NF)	ACCESSIBILITY (L, R, H)	ACTIVITY PEOPLE/HOURS	CONDITION: NO SIGNIFICANT DAMAGE (N) POTENTIAL FOR DAMAGE (D)	POTENTIAL FOR SIGNIFICANT DAMAGE (D)	POTENTIAL FOR SIGNIFICANT DAMAGE (D)	COMMENTS	PHOTO #
Boiler Room	C	C	C	7-9	Tank Flasher	T	100 SF	F	H		D	Y	Y	Y		447
Boiler Room	C	C	C	10-12	24" Diameter Mag	T	12 CF	F	H		S	Y	Y	Y		447
Boiler Room	C	C	C	13-15	10" Diameter Mag	T	50 CF	F	H		S	Y	Y	Y		447
Boiler Room	C	C	C	16-18	8" Diameter Mag	T	40 CF	F	H		S	Y	Y	Y		447
Boiler Room	C	C	C	19-21	4 1/2" Diameter Mag	T	90 CF	F	H		S	Y	Y	Y		447
Boiler Room	C	C	C	22	3" Diameter Mag	T	40 CF	F	H		S	Y	Y	Y		
Drill Hall	C	C	M	13-15	10" Diameter Pipe	T	35 CF	F	L		N	Y	Y	N		
Drill Hall	C	C	M	16-17	8" Diameter Pipe	T	80 CF	F	L		N	Y	Y	N		
Drill Hall	C	C	M	19-21	4 1/2" Diameter Pipe	T	150 CF	F	L		N	Y	Y	N		21
Drill Hall	C	C	M	25-26	2 1/2" Diameter Pipe	T	200 CF	F	H		D	Y	Y	N		20



Mjr E.L. Bias USARC  
Huntington, WV

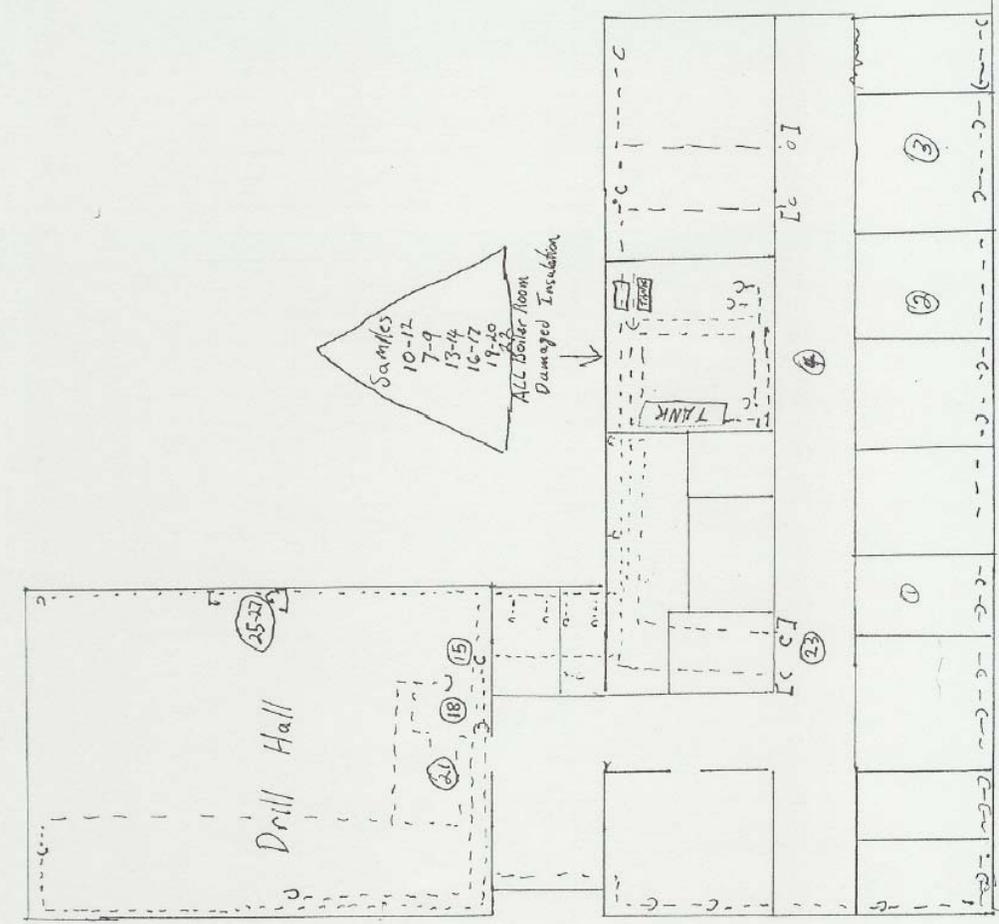
HOMOGENEOUS MATERIAL LOG

#	Homogeneous Area Description	Sample #	Sample Description	Asb Y/N	Sample #	Sample Description
1	Wall Board Office areas	1	Plaster	N		
		2		N		
		3		N		
2	Floor Tile office areas	4	9x9 Green + Black	Y		
		5		Y		
2A	Mastic	6	4-6A Mastic	Y		
3	Boiler rm water tank	7	Mag	Y		
		8		Y		
		9		Y		
4	Boiler Rm 24" Pipe	10	Mag	Y		
		11		Y		
		12		Y		
6	10" Pipe Ins Boiler rm Drill Hall	13	Mag	Y		
		14	photo	Y		
		15		Y		
7	8" Pipe Ins Boiler rm Drill Hall First floor Bathrooms Lunch Room	16	Mag	Y		
		17	photo	Y		
		18		Y		
8	4 1/2" Pipe Ins	19	Mag	Y		
		20		Y		
		21		Y		
9	3" Pipe Ins Boiler Hall ways + office first + second floor	22	Mag	Y		
		23		Y		
		24		Y		
10	2 1/2" Pipe Ins Drill Hall	25	Paper like	Y		
		26		Y		
		27		Y		
11	Acoustic Tile Ordinance Area	28	1x1 Tiles	N		
		29		N		
		30		N		
12	roof	31	Seam sealer	N		
		32		N		
		33		N		
13	roof	34	Tar paper	Y		
		35		Y		
		36		Y		

Mastics  $\left\{ \begin{array}{l} 4A \\ 5A \\ 6A \end{array} \right\}$  Positive

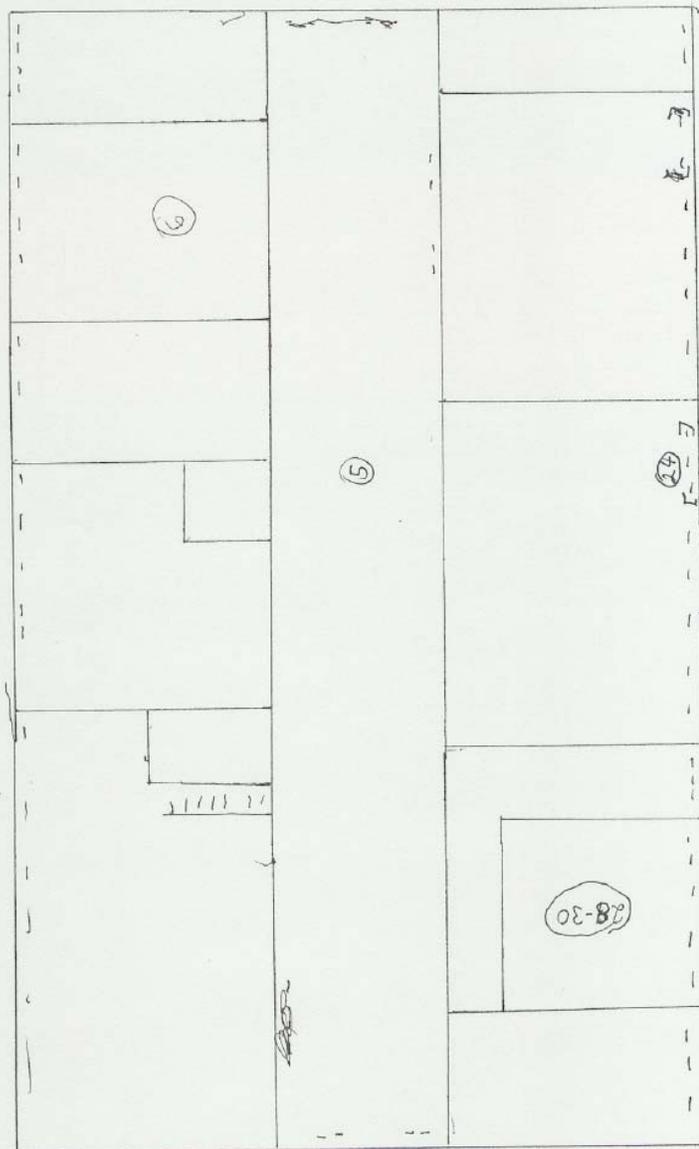
C

KEY	Quantity
△ - Sample No.	
--- TSI	
[-] - Damaged TSI	
[ ] - Surfacing ACM	
[ ] - Damaged Surfacing ACM	

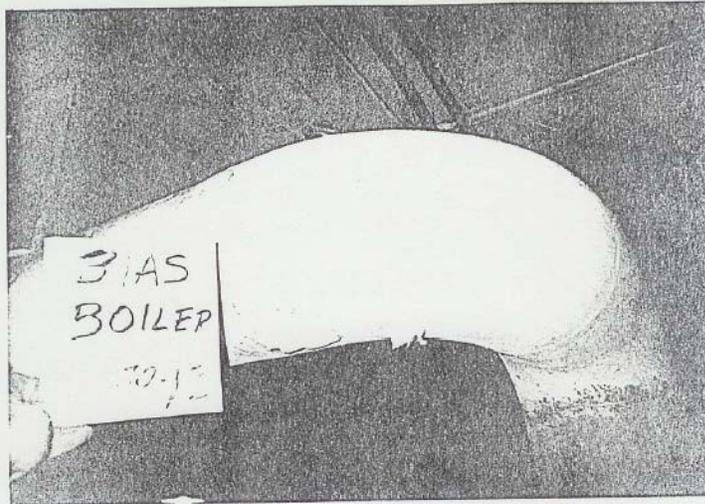


<b>HUB TESTING LABORATORIES</b> 95 Beaver Street Waltham, MA 02154 Main Bldg Floor 1	Project: Asbestos Survey
Building Name: <i>M/V E.L. Rios USARC</i>	Drawn By: <i>D. Johnson</i>
Location: <i>U.S. ...</i>	Date: <i>11/20/08</i>

KEY	Quantity
△ - Sample No.	
--- - TSI	
E-3 - Damaged TSI	
▨ - Surfacing ACM	
▩ - Damaged Surfacing ACM	



<b>HUB TESTING LABORATORIES</b> 95 Beaver Street Waltham, MA 02154 Building Name: <i>Main Bld. 2nd Floor</i>	Project: Asbestos Survey Drawn By: <i>D. DeBevoise</i>
---	--



Boiler room photos #13, #14, #16 and #17 show the significantly damaged condition of the pipe insulation throughout the boiler room. Because of the highly friable nature of this asbestos containing material it is highly recommended that this material in the boiler room be removed or repaired with re-wettable fiberglass cloth.

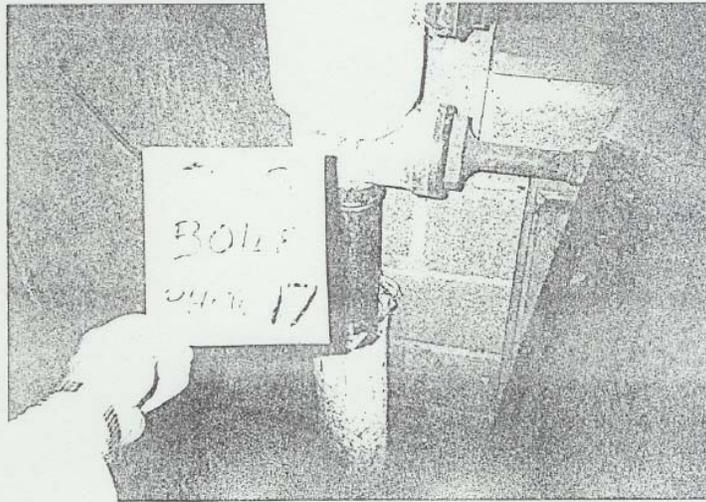
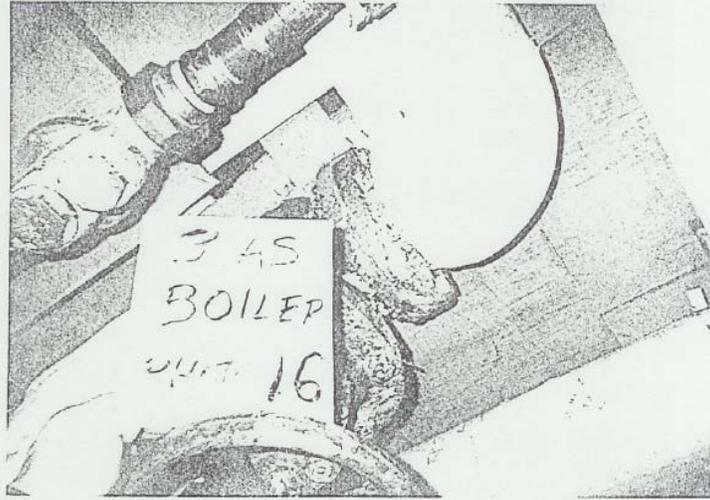




Photo #18 showing the damaged condition of the pipe insulation located in several areas in the main hallway of the first floor. Because of the highly friable nature of this asbestos containing material and the probability of further impact and damage by building activity, it is highly recommended that this material in the hallway and office areas be removed or repaired with re-wettable fiberglass cloth. If this material is repaired it is also recommended that a hard impact resistant jacket be placed over the material where further impact is likely to occur.



Photo #19 showing the damaged condition of the pipe insulation located at the radiators in the second floor classroom areas. Because of the highly friable nature of this asbestos containing material and the probability of further impact and damage by chairs and desks, it is highly recommended that this material be removed or repaired with re-wettable fiberglass cloth. If this material is repaired it is also recommended that a hard impact resistant jacket be placed over the material where further impact is likely to occur.

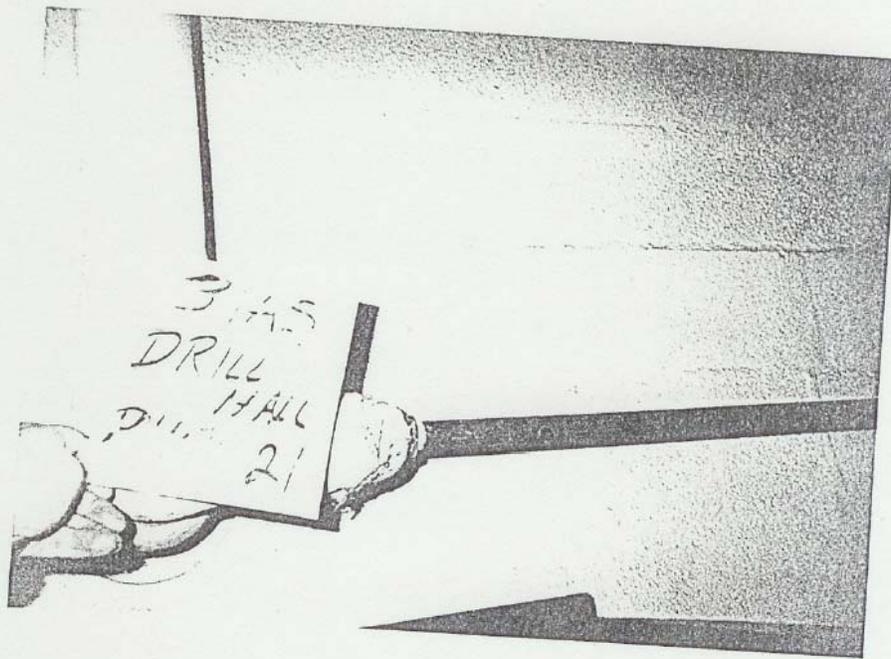


Photo #21 showing the damaged end on the 4.5" diameter pipe insulation in the drill hall near the entrance to the main building. This damage is located well above the floor level, however the highly friable nature of this asbestos containing material necessitates the repair of this material with re-wettable fiberglass cloth.

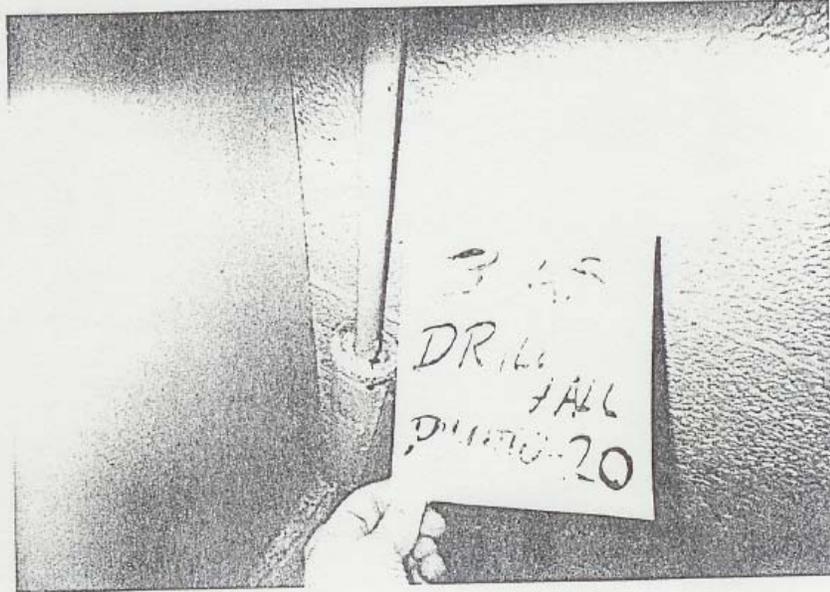


Photo #20 showing the damaged condition of the pipe insulation located at the floor level in the drill hall. This material has missing portions of insulation and the remaining insulation is damaged with exposed ends. The probability of further impact and damage by drill hall activity is high. Therefore it is highly recommended that this material be removed or repaired with re-wettable fiberglass cloth. If this material is repaired it is also recommended that a hard impact resistant jacket be placed over the material where further impact is likely to occur.

DEPARTMENT OF THE ARMY  
HEADQUARTERS, 10th MOUNTAIN DIVISION  
FORT DRUM, FORT DRUM, NEW YORK 13602-500

ASBESTOS SURVEY REPORT  
DAKF36-95-C-0062

Maj. Elbert Leslie Bias USARC  
1550 Spring Valley Drive  
Huntington, WV 25704-9589

WV017

54585  
12002

Building Function: USARC Maintenance Facility

**HUB TESTING LABORATORIES**

Consulting and Testing Engineers



95 Beaver Street — Waltham, Mass. 02154 — (617) 893-8330



## HUB TESTING LABORATORIES

Consulting and Testing Engineers

95 Beaver Street — Waltham, Mass. 02154 — (617) 893-8330

DEPARTMENT OF THE ARMY  
HEADQUARTERS, 10th MOUNTAIN DIVISION  
FORT DRUM, FORT DRUM, NEW YORK 13602-500

ASBESTOS SURVEY REPORT  
DAKF36-95-C-0062

### BUILDING IDENTIFICATION:

Maj. Elbert Leslie Bias USARC  
1550 Spring Valley Drive  
Huntington, WV 25704-9589

Building Function: USARC Maintenance Facility

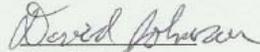
Inspection Date: 11/30/95

Hub Testing Laboratories, Inc., 95 Beaver Street, Waltham, Massachusetts has been contracted by the Department of the Army to perform an asbestos survey of the USARC Maintenance Facility in Wheeling, WV. The inspector for this building was David Johnson.

Hub conducted an interview with each facility point of contact and performed a visual survey of the facility. All samples of suspect material were properly collected, labeled, sealed and returned to the laboratory for analysis.

The survey accomplished under this scope of work is intended to create a baseline from which an effective O&M program could be implemented; to support design efforts for space alterations in the building; to identify existing locations where asbestos abatement work is needed.

Inspectors Certification:

  
David Johnson  
Inspector  
I10951098

## **BUILDING DESCRIPTION:**

The building is a single story brick and cement block construction. The building is currently used as a maintenance and storage facility.

## **SURVEY SUMMERY:**

Based on the best information available and a thorough visual inspection, this building was found to have asbestos containing building materials (ACBM) in the following locations. Each identified asbestos containing material is prioritized in accordance with severity of damage as factored from the assessment parameter outlined on each inspection/hazard assessment sheet.

### **1. Roof**

Material: Roofing

Approximate Quantity: 5000 SF

Assessment: The roof was inaccessible to sampling due to the large amount of snow on the pitched roof. The roof should be assumed to be asbestos containing.

Recommendation: Conduct periodic six reinspections to assess any changes in the materials condition.

## **OPERATIONS & MAINTENANCE PLAN:**

After having conducted the asbestos survey of the building, we at Hub Testing Laboratory have the following recommendations for response actions and ongoing asbestos management for the building.

### **1. Training**

In the event that the Designated Person changes, or new maintenance personnel are hired, the Designated Person must have and provide a minimum of 2 hours of Asbestos Awareness Training for these individuals. Additionally, all current maintenance personnel who conduct activities which disturb ACBM shall receive an additional 14 hours of training. Personnel should receive annual updates of Awareness Training.

## 2. Recordkeeping

Records containing inspections, response actions, training etc. must be maintained at each center. The master files should be maintained at a central location such as the office governing maintenance activities for each USAR Center. Continue to update files pertaining to;

- a. Training/Licensing of personnel who may come in contact with ACBM at each center.
- b. Notifications
- c. Response Actions
- d. Reinspections

## 3. Labeling

All friable asbestos containing materials must be maintained with identifying labels. These labels will alert maintenance and sub contractors to the existence of asbestos containing materials in potential work areas.

\*The labeling of materials is very important specifically in mechanical spaces, plumbing chases and crawl spaces where sub-contractors are likely to affect a repair or perform maintenance on a system which is insulated with ACM.

### **CAUTION**

**Asbestos. Hazardous.  
Do Not Disturb  
Without Proper  
Training and Equipment**

## 4. Cleaning

In the case that the material becomes friable as a result of damage the material should be repaired and debris cleaned by qualified, trained maintenance personnel with proper cleaning methods and protective clothing. If an area with damaged ACBM or ACBM debris be observed during the initial inspection or subsequent reinspections initial cleaning should be conducted in the area of a minor fiber release episode (the uncontrolled or

unintentional disturbance of ACBM involving 3 square or linear feet or less of ACBM). The initial cleaning employs wet methods and is conducted at least once after completion of the inspection and before the initiation of a response action other than an O&M activity. For large amounts the initial cleaning must be conducted by accredited/licensed asbestos abatement professionals.

## 5. Notifications

The AHERA regulations allow a range of flexibility as to how and when the Designated Person provide notification to workers and building occupants. This may be performed by posting the notifications in the building, including this information in a newsletter, or included in informational packets at the start of employment.

It is important to inform personnel of reinspections and response actions planned. This information should be specific for each center and should outline affected materials and actions taken. Additionally, the notification should instruct persons that the Management Plans, inspections etc. are on file at the centers administration office and available for review upon request.

## 6. Reinspections

The Designated Person should ensure that the buildings in his/her jurisdiction are surveyed every six months and reinspected by a licensed inspector every three years.

The periodic six month surveillance should include the following components:

1. Name of the building, person performing the surveillance, and the date of the surveillance.
2. Refer to the most current inspection and follow this information to visually inspect previously identified materials.
3. Read the previous inspection to see how the materials had been assessed and document any changes if any in the material.
4. Materials should be referred to in a homogeneous fashion i.e. hot water pipe insulation, boiler insulation, etc.

## 7. Response Actions

At the completion of each six month surveillance the designated person must select and implement in a timely manner the appropriate response action. Priority should be give to the damaged areas in relation to the risk posed to human health and the environment. The action chosen may also be the least burdensome as long as the damaged material is restored to its original condition. If the material cannot be restored then removal must be conducted. The AHERA final rule identifies five major response actions: Continue Operations and Maintenance six month surveillance, Repair damaged ACBM, Encapsulate ACBM, Enclose ACBM, and Remove ACBM.

There are five major categories of damaged or potentially damaged ACBM.

1. Damaged or significantly damaged thermal system insulation ACM.
2. Damaged friable surfacing or miscellaneous ACM.
3. Significantly damaged friable surfacing or miscellaneous ACM.
4. Friable surfacing or miscellaneous ACM, and thermal system insulation ACM which has potential for significant damage.
5. Friable surfacing or miscellaneous ACM, thermal system insulation ACM which has potential for damage.

For all damaged or significantly damaged thermal system insulation, the Designated person must at a minimum repair the damaged area. If it is not feasible, due to technological factors, to repair the damaged material, it must be removed. The Designated person must maintain all thermal system insulation in an intact state and undamaged condition. If damaged friable surfacing or miscellaneous ACBM is present then the Designated person shall encapsulate, enclose, remove ore repair the damaged area.

To assist the Designated persons evaluation of the risk potential posed by damaged ACBM an air monitoring program may be instituted in areas where ACBM is present. Conducting surface wipe sampling for asbestos may further help in assessing the presence or extent of contamination.

All work beyond the capabilities of a trained and licensed in house O&M maintenance person must be performed by a licensed and qualified asbestos removal contractor. All abatement projects outside of O&M must be designed by a licensed Project Designer.

**BULK SAMPLE ANALYSIS:** The roof was inaccessible to sampling.



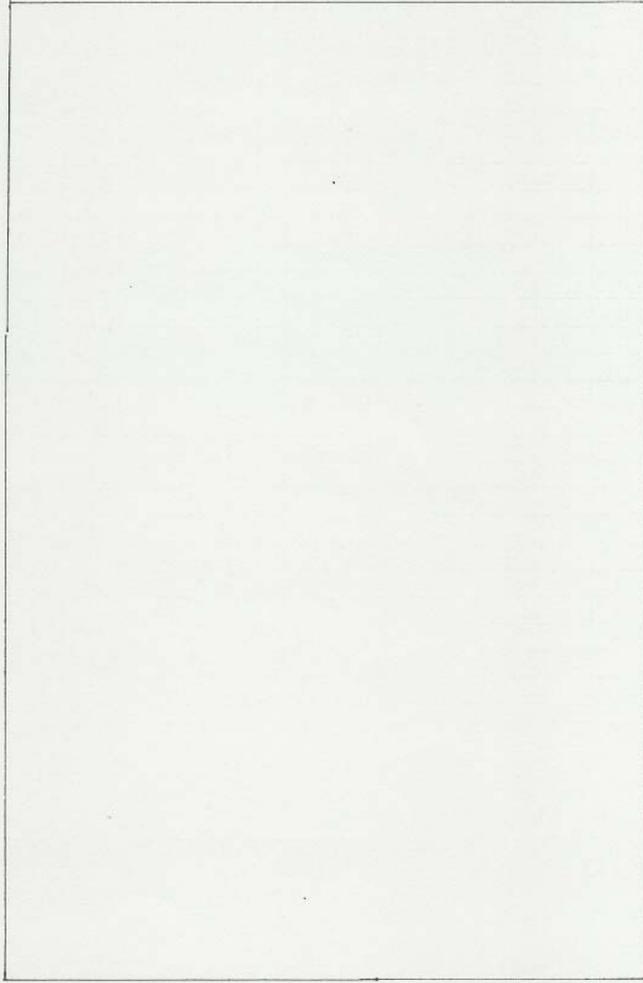
Mjr E.L. Bias USARC  
Huntington, WV

HOMOGENEOUS MATERIAL LOG

	Homogeneous Area Description	Sample #	Sample Description	Asb Y/N	Sample #	Sample Description
1	Wall Board office areas	1	Plaster	N		
		2		N		
		3		N		
2	9 Floor Tile office areas	4	9x9 Green + Black	Y		
		5		Y		
2A	Mastic	6	4-6A Mastic	Y		
3	Boiler rm water tank	7	Mag	Y		
		8		Y		
		9		Y		
4	Boiler Rm 24" Pipe	10	Mag	Y		
		11		Y		
		12		Y		
6	10" Pipe Ins Boiler rm Drill Hall	13	Mag	Y		
		14	photo	Y		
		15		Y		
7	8" Pipe Ins Boiler rm Drill Hall	16	Mag	Y		
		17	photo	Y		
	First floor Bathrooms Lunch Room	18		Y		
8	4 1/2" Pipe Ins	19	Mag	Y		
		20		Y		
		21		Y		
9	3" Pipe Ins Boiler Hallways + office First + Second floor	22	Mag	Y		
		23		Y		
		24		Y		
10	2 1/2" Pipe Ins Drill Hall	25	Paper like	Y		
		26		Y		
		27		Y		
11	Acoustic Tile Ordinance Area	28	1x1 Tiles	N		
		29		N		
		30		N		
12	roof	31	Seam solder	N		
		32		N		
		33		N		
13	roof	34	Tar Paper	Y		
		35		Y		
		36		Y		

Mastic  $\begin{matrix} \leftarrow 4A \\ \leftarrow 5A \end{matrix}$  Positive

KEY	Quantity
△ - Sample No.	
--- - TSI	
E-3 - Damaged TSI	
▢ - Surfacing ACM	
▢ - Damaged Surfacing ACM	



<b>HUB TESTING LABORATORIES</b> 95 Beaver Street Waltham, MA 02154	Project: Asbestos Survey
Building Name: <i>Major E. L. Davis USAMC</i> Location: <i>11 ...</i>	Drawn By: <i>D. E. Henson</i>

## USARC Nation-wide Screening - CELRL-ED-G

Facility ID:  Site #:

Facility Name:

Address:

City:

State:  Zip:

POC:

Title:  Year:

Phone:  Fax:

Date Planned:  Date Actual:  Trip #:

Description:

Comments: Ms. Segmom has been the Facility Coordinator since Sept. 1996. It was at this time that the former unit moved out and her unit moved into the facility. The washrack has not been used since Sept. 1996. The unit presently using the facility does not have a vehicle. The washrack is currently used for parking of the mobile kitchen trailer. The washrack is a 14'Lx15'W concrete pad located on the north side of the 3 bay vehicle maintenance garage. The washrack is bermed on two sides. There is no oil-water separator associated with the washrack. The washrack drain appears to drain to a city storm sewer system. There is an outlet located just west of the property and along Spring Valley Drive. No staining or stressed vegetation was observed in the grassy area next to one corner of the washrack or near the storm drain outlet. The soil sample was taken 1-1/2' southwest of the washrack in a grassy area.

Pathways: If there is contamination due to the washrack the main pathway would be by the storm sewer either directly by way of the washrack drain or by surface run-off across the asphalt parking area adjacent to the washrack. From the storm sewer outlet the pathway would be by the surface ditch. If the washrack ever overflows, the grassy area where the sample was taken would also be effected.

Receptors: The portion of the facility where the washrack is located is fenced and locked. The storm drain outlet is just off the USRC property and is not fenced or locked. The landuse surrounding the facility is residential. To the west across Spring Valley Drive there are several homes. Up the hill to the east is the VA Hospital. Across the drainage divide to the north is a golf course. To the south along the ditch where the storm drain is located the area is wooded. If there were ever any contamination due to the washrack and it got into the storm sewer system the potential receptors would be the general public.

Sampled:  Sample ID:

VOA w/TIC:  VOA:  BTEX:  PCB's:  RCRA Metals:   
BNA w/TIC:  BNA:  PAH's:  Lead:  Nitrate / Nitrite:

## "NARRATIVE" INFORMATION DATA SHEET - - REQUIRED FOR EACH SITE

### A. SITE DESCRIPTION

- 1) Installation name: Maj. Elbert Leslie Bias USARC
- 2) Site name: Vehicle Washrack
- 3) DSERTS site number: HUNT-02
- 4) Site Address: 1550 Spring Valley Drive  
Huntington, WV 25704
- 5) POC name, phone number, fax number:  
Facility Coordinator: Ms. Segmom  
Phone: (304)429-5661  
Fax: (304)429-3081

### B. SOURCE OF CONTAMINATION

- 1) Describe the physical source (drum, ust, oil/water separator):  
Oil and grease in wash water.
- 2) If possible, describe what activity caused the contamination:  
Washing vehicles.
- 3) Provide source of above information (facility manager, Weston report, etc.):  
The information was provided by Ms. Segmon, the Weston report, and a site visit.  
Ms. Segmon has been the facility coordinator since starting to work at the facility in Sept. 1996.

### C. FINDINGS

- 1) Record the physical observations at the site with respect to the contamination (or lack of contamination). If the conclusion is reached to not sample and declare this a "no further action required" site, please state complete justification here. Attach another sheet if necessary. If there is equivalent chemical data from a recent (less than 5 yrs.) investigation, then no additional sampling should be done. Obtain the chemical data and send it to the HTRW-CX POC. A Relative Risk ranking can then be done using this information, along with the other Relative Risk information provided. If there is a closer report available, this would be reason for declaring the site "no further action". Forward a few pages if available which state the closure information. We need to provide a detailed, complete justification to the USARC why a site was not sampled.:

Ms. Segmom has been the Facility Coordinator since Sept. 1996. It was at this time that the former unit moved out and her unit moved into the facility. The washrack has not been used since Sept. 1996. The unit presently using the facility does not have a vehicle. The washrack is currently used for parking of the mobile kitchen trailer. The washrack is a 14'Lx15'W concrete pad located on the north side of the 3 bay vehicle

maintenance garage. The washrack is bermed on two sides. There is no oil-water separator associated with the washrack. The washrack drain appears to drain to a city storm sewer system. There is an outlet located just west of the property and along Spring Valley Drive. No staining or stressed vegetation was observed in the grassy area next to one corner of the washrack or near the storm drain outlet. The soil sample was taken 1-1/2' southwest of the washrack in a grassy area.

- 2) Note site characteristics that might affect movement of contamination.:

If there is contamination due to the washrack the main pathway would be by the storm sewer either directly by way of the washrack drain or by surface run-off across the asphalt parking area adjacent to the washrack. From the storm sewer outlet the pathway would be by the surface ditch. If the washrack ever overflows, the grassy area where the sample was taken would also be effected.

- 3) Describe the possible contaminants (amount spilled, when, etc.):

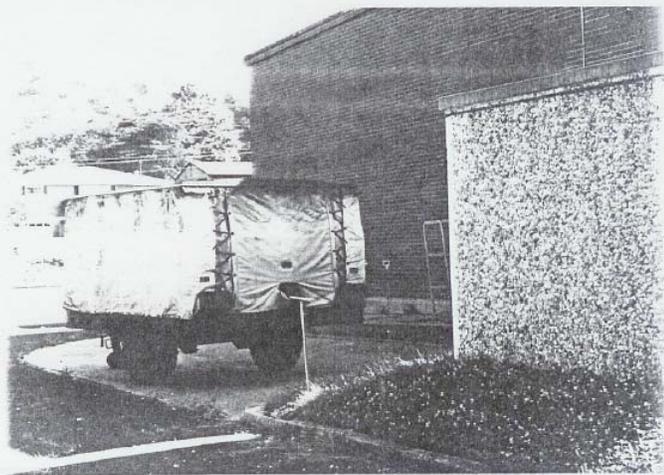
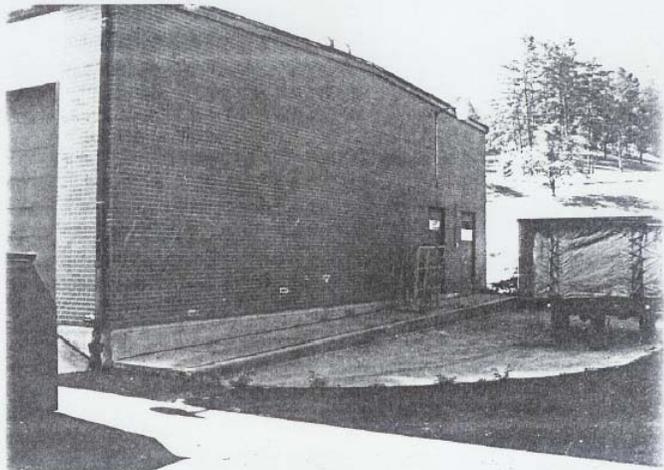
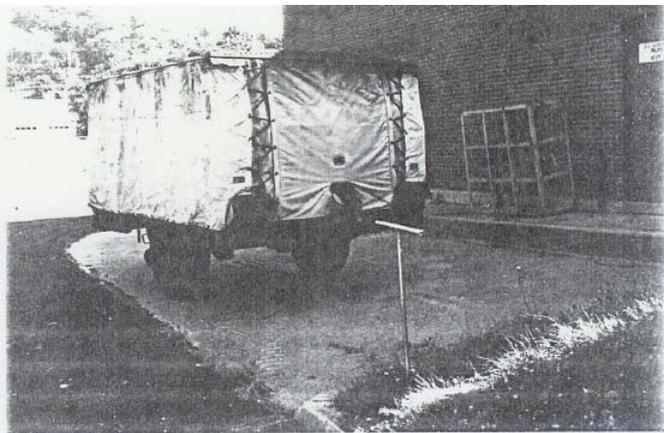
Possible contaminants would be oil and grease from washing vehicles.

- 4) Provide a sketch showing key features of site and location of sample. Show enough dimensions to locate sample location.:

The sample was taken about 1-1/2 feet off the edge of the concrete washrack.

The sketch shows the layout of the washrack and the sample location.





D.L. Black 6/24/97  
DEPARTMENT OF THE ARMY Maj. Elbert Leslie  
U.S. ARMY ENGINEER DISTRICT, LOUISVILLE Bias USARC  
CORPS OF ENGINEERS

Huntington, WV  
washrack  
Hunt-02

LOUISVILLE, KENTUCKY 40201-0059

OFFICIAL BUSINESS

View of the washrack looking toward the  
Southwest. Mobile Kitchen trailer is  
parked on washrack. 3-Bay Veh. Maint.  
garage is on the left. Pol storage building  
is behind the washrack. VA hospital is  
up the hill at rear of photo.

D.L. Black 6/24/97  
DEPARTMENT OF THE ARMY Maj. Elbert Leslie  
U.S. ARMY ENGINEER DISTRICT, LOUISVILLE Bias USARC  
CORPS OF ENGINEERS  
P.O. BOX 59 Huntington, WV  
LOUISVILLE, KENTUCKY 40201-0059 washrack

OFFICIAL BUSINESS

Hunt-02

View of the washrack looking toward  
the east  
Hand auger is at the sample location  
note house in the background, left side  
of photo mobile kitchen trailer parked  
on wash rack

D.L. Black 6/24/97  
DEPARTMENT OF THE ARMY Maj. Elbert Leslie  
U.S. ARMY ENGINEER DISTRICT, LOUISVILLE Bias USARC  
CORPS OF ENGINEERS  
P.O. BOX 59 Huntington, WV  
LOUISVILLE, KENTUCKY 40201-0059 washrack

OFFICIAL BUSINESS

Hunt-02

View of the washrack looking toward the  
south. Mobile Kitchen trailer is parked  
on the wash rack.

D.L. Black 6/24/97  
DEPARTMENT OF THE ARMY Maj. Elbert Leslie  
U.S. ARMY ENGINEER DISTRICT, LOUISVILLE Bias USARC  
CORPS OF ENGINEERS  
P.O. BOX 59 Huntington, WV  
LOUISVILLE, KENTUCKY 40201-0059 washrack

OFFICIAL BUSINESS

Hunt-02

View of the washrack looking toward the  
east. Hand auger is in sample hole.  
Building at right edge of photo is Pol storage  
shed. 3-Bay vehicle maint. garage is to the  
right of washrack. Mobile kitchen trailer  
is parked on washrack  
note houses in the background

Appendix E  
**Regulatory Database  
Search Reports**

---



**EDR**® Environmental  
Data Resources Inc

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

**MAJ Leslie Bias USARC  
1550 SPRING VALLEY DR  
HUNTINGTON, WV 25704**

**Inquiry Number: 01718793.38r**

**July 19, 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](http://www.edrnet.com)

# TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary .....	ES1
Overview Map .....	2
Detail Map .....	3
Map Findings Summary .....	4
Map Findings .....	6
Orphan Summary .....	13
Government Records Searched/Data Currency Tracking .....	GR-1
 <b><u>GEOCHECK ADDENDUM</u></b>	
Physical Setting Source Addendum .....	A-1
Physical Setting Source Summary .....	A-2
Physical Setting SSURGO Soil Map .....	A-5
Physical Setting Source Map .....	A-15
Physical Setting Source Map Findings .....	A-16
Physical Setting Source Records Searched .....	A-17

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

### Disclaimer - Copyright and Trademark Notice

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

Copyright 2006 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission. EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

## 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

1550 SPRING VALLEY DR  
HUNTINGTON, WV 25704

#### COORDINATES

Latitude (North): 38.384000 - 38° 23' 2.4"  
Longitude (West): 82.518900 - 82° 31' 8.0"  
Universal Transverse Mercator: Zone 17  
UTM X (Meters): 367336.1  
UTM Y (Meters): 4249307.5  
Elevation: 646 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 38082-D5 CATLETTSBURG, OH  
Most Recent Revision: 1985  
  
South Map: 38082-C5 BURNAUGH, WV  
Most Recent Revision: 1985

### 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:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
US ARMY MAJOR E.L. BIAS USARC 1550 SPRING VALLEY DR HUNTINGTON, WV 25704	RCRA-SQG FINDS	WV5210021718

### 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

## EXECUTIVE SUMMARY

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

### STATE AND LOCAL RECORDS

<b>SHWS</b>	This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.
<b>SWF/LF</b>	List of M.S.W. Landfills/Transfer Station Listing
<b>SPILLS</b>	Spills Listing
<b>INST CONTROL</b>	Sites with Institutional Controls
<b>VCP</b>	Voluntary Remediation Sites
<b>DRYCLEANERS</b>	Listing of Drycleaner Locations
<b>CDL</b>	Drug Lab Site Locations

### TRIBAL RECORDS

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

### EDR PROPRIETARY RECORDS

<b>Manufactured Gas Plants</b>	EDR Proprietary Manufactured Gas Plants
<b>EDR Historical Auto Stations</b>	EDR Proprietary Historic Gas Stations
<b>EDR Historical Cleaners</b>	EDR Proprietary Historic Dry Cleaners

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

## EXECUTIVE SUMMARY

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.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b><i>MARSHALL UNIVERSITY</i></b>	<b><i>1542 SPRING VALLEY DR</i></b>	<b><i>0 - 1/8 ENE</i></b>	<b><i>A2</i></b>	<b><i>6</i></b>
<b><i>V A MEDICAL CENTER</i></b>	<b><i>1540 SPRING VALLEY DRIV</i></b>	<b><i>0 - 1/8 ENE</i></b>	<b><i>A3</i></b>	<b><i>7</i></b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
NORTH VOCATIONAL CENTER	1640 SPRING VALLEY DR	1/8 - 1/4 WSW	5	12

### **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 Commerce, Labor & Environmental Resources' Leaking Underground Storage Tanks database.

A review of the LUST list, as provided by EDR, and dated 03/28/2006 has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b><i>VA MEDICAL CENTER</i></b>	<b><i>1540 SPRING VALLEY DR</i></b>	<b><i>0 - 1/8 ENE</i></b>	<b><i>A4</i></b>	<b><i>8</i></b>

## EXECUTIVE SUMMARY

**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 Commerce, Labor & Environmental Resources.

A review of the UST list, as provided by EDR, and dated 03/31/2006 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

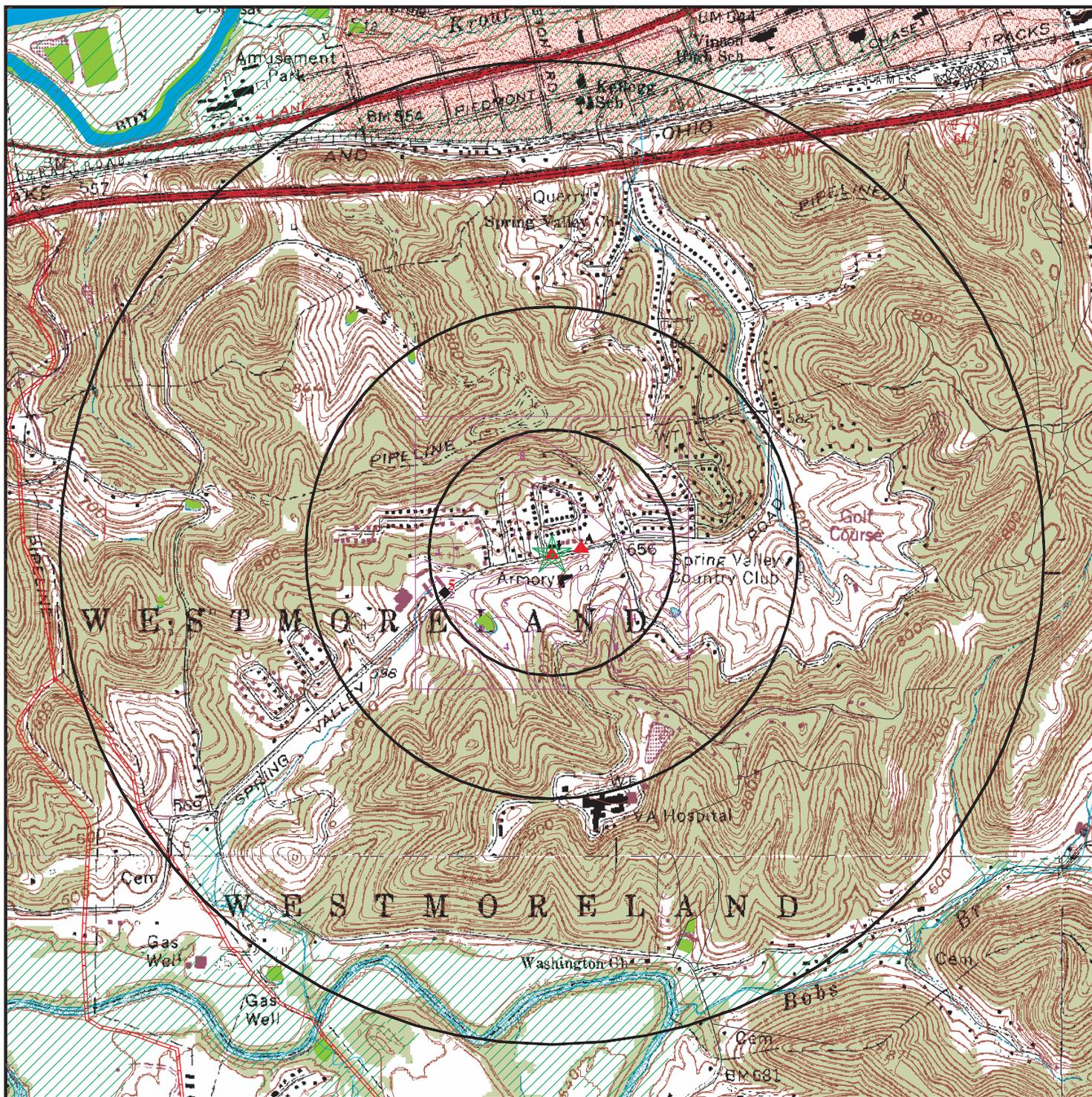
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>VA MEDICAL CENTER</i>	<i>1540 SPRING VALLEY DR</i>	<i>0 - 1/8 ENE</i>	<i>A4</i>	<i>8</i>

## EXECUTIVE SUMMARY

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

<u>Site Name</u>	<u>Database(s)</u>
R & J DEVELOPMENT CO PROPERTY	LUST
PAUL BLACKS PAINT & BODY	RCRA-SQG, FINDS
LITTLE GENERAL STORE (EXXON) #5090	RCRA-SQG
R & S HYDRAULICS & MACHINE	RCRA-SQG, FINDS

# OVERVIEW MAP - 01718793.38r



- ★ 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

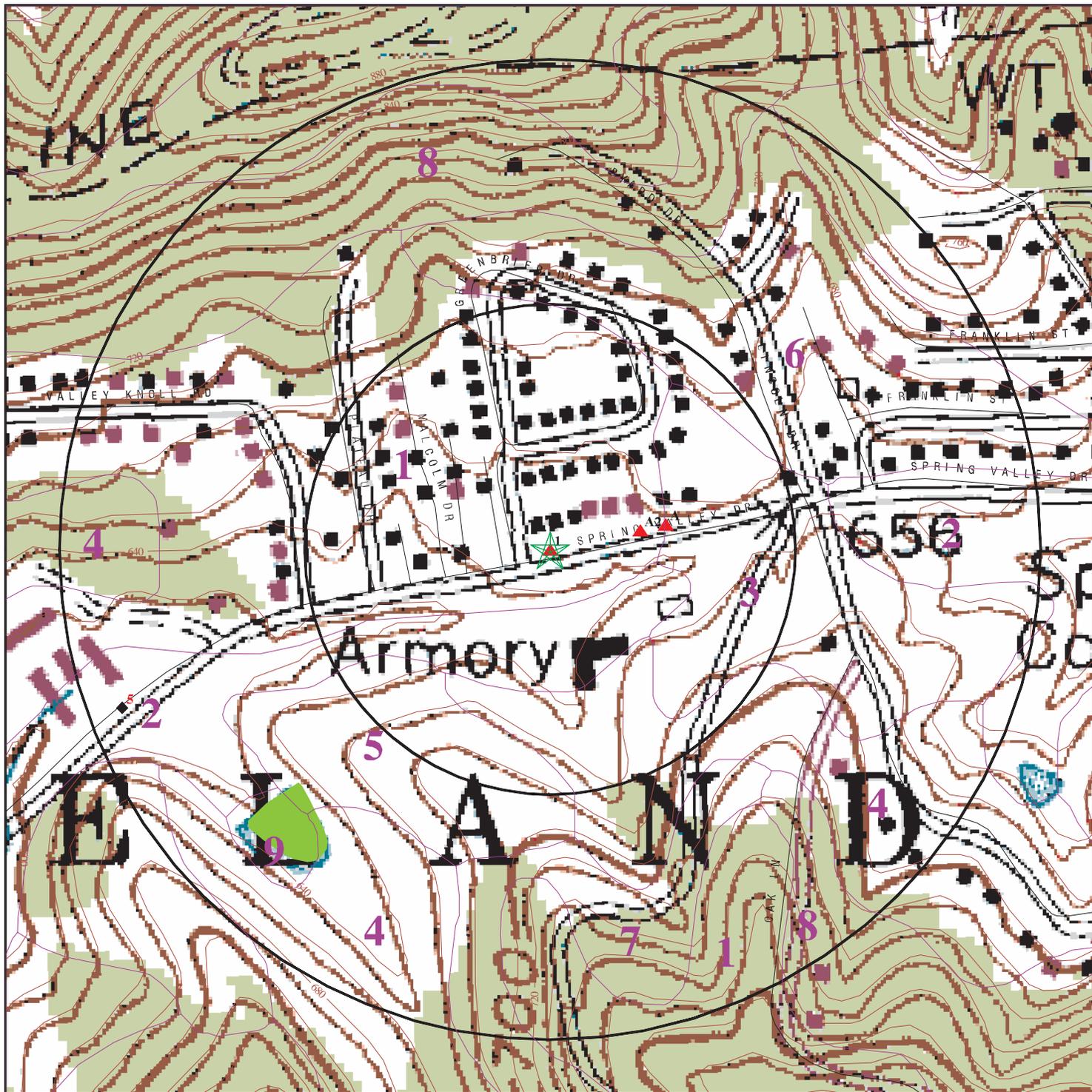
- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory

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: MAJ Leslie Bias USARC  
 ADDRESS: 1550 SPRING VALLEY DR  
 HUNTINGTON WV 25704  
 LAT/LONG: 38.3840 / 82.5189

CLIENT: CH2M Hill  
 CONTACT: Mary Beth Jacques  
 INQUIRY #: 01718793.38r  
 DATE: July 19, 2006

DETAIL MAP - 01718793.38r



- ★ 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
- ▨ National Wetland Inventory

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: MAJ Leslie Bias USARC  
 ADDRESS: 1550 SPRING VALLEY DR  
 HUNTINGTON WV 25704  
 LAT/LONG: 38.3840 / 82.5189

CLIENT: CH2M Hill  
 CONTACT: Mary Beth Jacques  
 INQUIRY #: 01718793.38r  
 DATE: July 19, 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
<b><u>FEDERAL RECORDS</u></b>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL 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.	X	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	X	TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
<b><u>STATE AND LOCAL RECORDS</u></b>								
State Haz. Waste		N/A	N/A	N/A	N/A	N/A	N/A	N/A
State Landfill		0.500	0	0	0	NR	NR	0
LUST		0.500	1	0	0	NR	NR	1
UST		0.250	1	0	NR	NR	NR	1
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
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
<b><u>TRIBAL RECORDS</u></b>								
INDIAN RESERV		1.000	0	0	0	0	NR	0
<b><u>EDR PROPRIETARY RECORDS</u></b>								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0

## MAP FINDINGS SUMMARY

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	<u>Total Plotted</u>
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

N/A = This State does not maintain a SHWS list. See the Federal CERCLIS list.

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

<b>1</b>	<b>US ARMY MAJOR E.L. BIAS USARC</b>	<b>RCRA-SQG</b>	<b>1000154148</b>
<b>Target</b>	<b>1550 SPRING VALLEY DR</b>	<b>FINDS</b>	<b>WV5210021718</b>
<b>Property</b>	<b>HUNTINGTON, WV 25704</b>		

**Actual:**  
**646 ft.**

RCRAInfo:  
 Owner: US GOVERNMENT ARMY  
 (215) 555-1212  
 EPA ID: WV5210021718  
 Contact: GLENN CHAFLIN  
 (304) 429-5661  
 Classification: Conditionally Exempt 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.

<b>A2</b>	<b>MARSHALL UNIVERSITY</b>	<b>RCRA-SQG</b>	<b>1004804254</b>
<b>ENE</b>	<b>1542 SPRING VALLEY DR</b>	<b>FINDS</b>	<b>WVR000013821</b>
<b>&lt; 1/8</b>	<b>HUNTINGTON, WV 25704</b>	<b>MLTS</b>	
<b>249 ft.</b>			

**Site 1 of 3 in cluster A**

**Relative:**  
**Higher**

RCRAInfo:  
 Owner: MARSHALL UNIVERSITY  
 (304) 696-2993  
 EPA ID: WVR000013821  
 Contact: JEFFREY ELLIS  
 (304) 696-2993  
 Classification: Conditionally Exempt 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.

**MLTS:**  
 License Number: 47-05972-02                      First License Date: 11/18/1965  
 License Date: 05/02/2005                      Institution Code: 5972  
 License Expires: 05/31/2015  
 Primary Program: Not reported  
 License Use: Not reported  
 Department: UNIVERSITY RADIATION SAFETY OFFICE  
 Building: Not reported  
 Status: Not reported  
 Contact Name: STEPHEN J. KOPP, PH.D., PRES.                      Contact Phone: 304-696-6755  
 States Allowing Use: Not reported  
 Store Material: No



Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**V A MEDICAL CENTER (Continued)**

**1004801961**

Primary Program: Not reported  
 License Use: Not reported  
 Department: Not reported  
 Building: Not reported  
 Status: Not reported  
 Contact Name: DAVID N. PENNINGTON, DIR. Contact Phone: 304-429-6741  
 States Allowing Use: Not reported  
 Store Material: No  
 Redistribution: No Incineration: No  
 Burial: No  
 Last Inspection: 11/2001  
 Inspector Name: JD/AM  
 Next Inspection: 11/2006

**A4  
 ENE  
 < 1/8  
 319 ft.**

**VA MEDICAL CENTER  
 1540 SPRING VALLEY DR  
 HUNTINGTON, WV 25704**

**LUST U003771820  
 UST N/A**

**Site 3 of 3 in cluster A**

**Relative:  
 Higher**

**LUST:**

**Actual:  
 651 ft.**

Facility ID: 5-005690  
 Leak Number: 94-125  
 Project Manager: Porter Ruth  
 Confirmed Release Date: 07/12/94  
 Cleanup Initiated Date: 07/09/94  
 Cleanup Complete Date: 01/13/97

**UST:**

Facility ID: 5-005690  
 Owner: V.A. MEDICAL CENTER,  
 HOSPITAL  
 Facility Desc: 1540 SPRING VALLEY DR  
 HUNTINGTON, WV 25704  
 Owner Phone: (304) 429-6755  
 Tank ID: D5  
 Tank Material: Fiberglass Reinforced Plastic  
 Tank Status : Permanently Out of Use  
 Piping Material Description : Copper  
 Overfill Installed : No  
 Installed Spill Protection : No  
 Cathodic Protection Method :No  
 Date Last Used : 07/19/1994  
 Date Closed : 07/19/1994  
 Closure Status Description : Tank removed from ground  
 Tank Substance: Diesel  
 Tank Capacity: 2000

Facility ID: 5-005690  
 Owner: V.A. MEDICAL CENTER,  
 HOSPITAL  
 Facility Desc: 1540 SPRING VALLEY DR  
 HUNTINGTON, WV 25704  
 Owner Phone: (304) 429-6755  
 Tank ID: 4  
 Tank Material: Cathodically Protected Steel  
 Tank Status : Currently in Use  
 Piping Material Description : Galvanized Steel  
 Overfill Installed : Yes

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number

EDR ID Number  
EPA ID Number

**VA MEDICAL CENTER (Continued)**

**U003771820**

Installed Spill Protection : Yes  
Cathodic Protection Method :Yes  
Date Last Used : Not reported  
Date Closed : Not reported  
Closure Status Description : Not listed  
Tank Substance: Diesel  
Tank Capacity: 3000

Facility ID: 5-005690  
Owner: V.A. MEDICAL CENTER,  
Facility Desc: HOSPITAL  
1540 SPRING VALLEY DR  
HUNTINGTON, WV 25704

Owner Phone: (304) 429-6755  
Tank ID: D6  
Tank Material: Asphalt Coated or Bare Steel  
Tank Status : Permanently Out of Use  
Piping Material Description : Galvanized Steel  
Overfill Installed : No  
Installed Spill Protection : No  
Cathodic Protection Method :No  
Date Last Used : 07/19/1994  
Date Closed : 07/19/1994  
Closure Status Description : Tank removed from ground  
Tank Substance: Diesel  
Tank Capacity: 1000

Facility ID: 5-005690  
Owner: V.A. MEDICAL CENTER,  
Facility Desc: HOSPITAL  
1540 SPRING VALLEY DR  
HUNTINGTON, WV 25704

Owner Phone: (304) 429-6755  
Tank ID: D7  
Tank Material: Not Listed  
Tank Status : Permanently Out of Use  
Piping Material Description : Not Listed  
Overfill Installed : No  
Installed Spill Protection : No  
Cathodic Protection Method :No  
Date Last Used : 07/19/1994  
Date Closed : 07/19/1994  
Closure Status Description : Tank removed from ground  
Tank Substance: Diesel  
Tank Capacity: 2000

Facility ID: 5-005690  
Owner: V.A. MEDICAL CENTER,  
Facility Desc: HOSPITAL  
1540 SPRING VALLEY DR  
HUNTINGTON, WV 25704

Owner Phone: (304) 429-6755  
Tank ID: 2  
Tank Material: Composite (Steel w/ FRP)  
Tank Status : Currently in Use  
Piping Material Description : Fiberglass Reinforced Plastic  
Overfill Installed : Yes

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number  
EDR ID Number

**VA MEDICAL CENTER (Continued)**

**U003771820**

Installed Spill Protection : Yes  
Cathodic Protection Method :Yes  
Date Last Used : Not reported  
Date Closed : Not reported  
Closure Status Description : Not listed  
Tank Substance: Diesel  
Tank Capacity: 2000

Facility ID: 5-005690  
Owner: V.A. MEDICAL CENTER,  
Facility Desc: HOSPITAL  
1540 SPRING VALLEY DR  
HUNTINGTON, WV 25704

Owner Phone: (304) 429-6755  
Tank ID: D3  
Tank Material: Asphalt Coated or Bare Steel  
Tank Status : Permanently Out of Use  
Piping Material Description : Galvanized Steel  
Overfill Installed : No  
Installed Spill Protection : No  
Cathodic Protection Method :No  
Date Last Used : 01/01/1987  
Date Closed : 01/01/1987  
Closure Status Description : Tank removed from ground  
Tank Substance: Diesel  
Tank Capacity: 700

Facility ID: 5-005690  
Owner: V.A. MEDICAL CENTER,  
Facility Desc: HOSPITAL  
1540 SPRING VALLEY DR  
HUNTINGTON, WV 25704

Owner Phone: (304) 429-6755  
Tank ID: 3  
Tank Material: Composite (Steel w/ FRP)  
Tank Status : Currently in Use  
Piping Material Description : Fiberglass Reinforced Plastic  
Overfill Installed : Yes  
Installed Spill Protection : Yes  
Cathodic Protection Method :Yes  
Date Last Used : Not reported  
Date Closed : Not reported  
Closure Status Description : Not listed  
Tank Substance: Diesel  
Tank Capacity: 2000

Facility ID: 5-005690  
Owner: V.A. MEDICAL CENTER,  
Facility Desc: HOSPITAL  
1540 SPRING VALLEY DR  
HUNTINGTON, WV 25704

Owner Phone: (304) 429-6755  
Tank ID: D1  
Tank Material: Asphalt Coated or Bare Steel  
Tank Status : Permanently Out of Use  
Piping Material Description : Galvanized Steel  
Overfill Installed : No

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

VA MEDICAL CENTER (Continued)

U003771820

Installed Spill Protection : No  
Cathodic Protection Method :No  
Date Last Used : 03/15/1985  
Date Closed : 03/15/1985  
Closure Status Description : Tank removed from ground  
Tank Substance: Gasoline  
Tank Capacity: 1000

Facility ID: 5-005690  
Owner: V.A. MEDICAL CENTER,  
Facility Desc: HOSPITAL  
1540 SPRING VALLEY DR  
HUNTINGTON, WV 25704  
Owner Phone: (304) 429-6755  
Tank ID: D4  
Tank Material: Asphalt Coated or Bare Steel  
Tank Status : Permanently Out of Use  
Piping Material Description : Galvanized Steel  
Overfill Installed : No  
Installed Spill Protection : No  
Cathodic Protection Method :No  
Date Last Used : 05/01/1988  
Date Closed : 05/01/1988  
Closure Status Description : Tank closed in place  
Tank Substance: Diesel  
Tank Capacity: 550

Facility ID: 5-005690  
Owner: V.A. MEDICAL CENTER,  
Facility Desc: HOSPITAL  
1540 SPRING VALLEY DR  
HUNTINGTON, WV 25704  
Owner Phone: (304) 429-6755  
Tank ID: D2  
Tank Material: Asphalt Coated or Bare Steel  
Tank Status : Permanently Out of Use  
Piping Material Description : Galvanized Steel  
Overfill Installed : No  
Installed Spill Protection : No  
Cathodic Protection Method :No  
Date Last Used : 03/01/1989  
Date Closed : 03/01/1989  
Closure Status Description : Tank removed from ground  
Tank Substance: Diesel  
Tank Capacity: 2000

Facility ID: 5-005690  
Owner: V.A. MEDICAL CENTER,  
Facility Desc: HOSPITAL  
1540 SPRING VALLEY DR  
HUNTINGTON, WV 25704  
Owner Phone: (304) 429-6755  
Tank ID: 5  
Tank Material: Fiberglass Reinforced Plastic  
Tank Status : Currently in Use  
Piping Material Description : Fiberglass Reinforced Plastic  
Overfill Installed : Yes

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EPA ID Number

EDR ID Number  
EPA ID Number

**VA MEDICAL CENTER (Continued)**

**U003771820**

Installed Spill Protection : Yes  
Cathodic Protection Method :Yes  
Date Last Used : Not reported  
Date Closed : Not reported  
Closure Status Description : Not listed  
Tank Substance: Diesel  
Tank Capacity: 4000  
  
Facility ID: 5-005690  
Owner: V.A. MEDICAL CENTER,  
Facility Desc: HOSPITAL  
1540 SPRING VALLEY DR  
HUNTINGTON, WV 25704  
  
Owner Phone: (304) 429-6755  
Tank ID: 1  
Tank Material: Composite (Steel w/ FRP)  
Tank Status : Currently in Use  
Piping Material Description : Fiberglass Reinforced Plastic  
Overfill Installed : Yes  
Installed Spill Protection : Yes  
Cathodic Protection Method :Yes  
Date Last Used : Not reported  
Date Closed : Not reported  
Closure Status Description : Not listed  
Tank Substance: Diesel  
Tank Capacity: 2000

**5**  
**WSW**  
**1/8-1/4**  
**1227 ft.**

**NORTH VOCATIONAL CENTER**  
**1640 SPRING VALLEY DR**  
**HUNTINGTON, WV 25704**

**RCRA-SQG 1004802965**  
**WVD988792982**

**Relative:**  
**Lower**

RCRAInfo:  
Owner: BOARD OF EDUCATION  
(304) 272-5116  
EPA ID: WVD988792982  
Contact: CHARLIE CURNUTTE  
(304) 429-7277

**Actual:**  
**606 ft.**

Classification: Conditionally Exempt Small Quantity Generator  
TSD Activities: Not reported  
Violation Status: No violations found

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
HUNTINGTON	1004803124	PAUL BLACKS PAINT & BODY	RT 4 785 BROAD HOLLOW	25704	RCRA-SQG, FINDS
HUNTINGTON	1008405840	LITTLE GENERAL STORE (EXXON) #5090	3899 RT. 75	25704	RCRA-SQG
HUNTINGTON	S105899922	R & J DEVELOPMENT CO PROPERTY	3329 US RT 60		LUST
HUNTINGTON	1004804253	R & S HYDRAULICS & MACHINE	2805 STATE RT 75 - SITE B	25704	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	Source: EPA
Date Data Arrived at EDR: 05/05/2006	Telephone: N/A
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 05/05/2006
Number of Days to Update: 17	Next Scheduled EDR Contact: 07/31/2006
	Data Release Frequency: Quarterly

### **NPL Site Boundaries**

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 8  
Telephone: 303-312-6774

EPA Region 4  
Telephone 404-562-8033

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

Date of Government Version: 04/19/2006	Source: EPA
Date Data Arrived at EDR: 05/05/2006	Telephone: N/A
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 05/05/2006
Number of Days to Update: 17	Next Scheduled EDR Contact: 07/31/2006
	Data Release Frequency: Quarterly

### **DELISTED NPL: National Priority List Deletions**

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/19/2006	Source: EPA
Date Data Arrived at EDR: 05/05/2006	Telephone: N/A
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 05/05/2006
Number of Days to Update: 17	Next Scheduled EDR Contact: 07/31/2006
	Data Release Frequency: Quarterly

### **NPL RECOVERY: Federal Superfund Liens**

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 05/23/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 08/21/2006
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/01/2006	Source: EPA
Date Data Arrived at EDR: 03/21/2006	Telephone: 703-413-0223
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 06/22/2006
Number of Days to Update: 23	Next Scheduled EDR Contact: 09/18/2006
	Data Release Frequency: Quarterly

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

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 02/01/2006	Source: EPA
Date Data Arrived at EDR: 03/21/2006	Telephone: 703-413-0223
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 06/23/2006
Number of Days to Update: 23	Next Scheduled EDR Contact: 09/18/2006
	Data Release Frequency: Quarterly

## **CORRACTS:** Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/15/2006	Source: EPA
Date Data Arrived at EDR: 03/17/2006	Telephone: 800-424-9346
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 05/21/2006
Number of Days to Update: 27	Next Scheduled EDR Contact: 09/04/2006
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 03/09/2006	Source: EPA
Date Data Arrived at EDR: 04/27/2006	Telephone: 800-424-9346
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 06/28/2006
Number of Days to Update: 33	Next Scheduled EDR Contact: 08/21/2006
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 12/31/2005	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/12/2006	Telephone: 202-260-2342
Date Made Active in Reports: 02/21/2006	Last EDR Contact: 04/26/2006
Number of Days to Update: 40	Next Scheduled EDR Contact: 07/24/2006
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Date of Government Version: 12/31/2005	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-366-4555
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 07/19/2006
Number of Days to Update: 46	Next Scheduled EDR Contact: 10/16/2006
	Data Release Frequency: Annually

## **US ENG CONTROLS:** Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 03/21/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2006	Telephone: 703-603-8905
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 07/03/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Varies

## **US INST CONTROL:** Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 03/21/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2006	Telephone: 703-603-8905
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 07/03/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Varies

## **DOD:** Department of Defense Sites

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

Date of Government Version: 12/31/2004	Source: USGS
Date Data Arrived at EDR: 02/08/2005	Telephone: 703-692-8801
Date Made Active in Reports: 08/04/2005	Last EDR Contact: 05/12/2006
Number of Days to Update: 177	Next Scheduled EDR Contact: 08/07/2006
	Data Release Frequency: Semi-Annually

## **FUDS:** Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/05/2005	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 01/19/2006	Telephone: 202-528-4285
Date Made Active in Reports: 02/21/2006	Last EDR Contact: 07/17/2006
Number of Days to Update: 33	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Varies

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 04/26/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/27/2006	Telephone: 202-566-2777
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 06/12/2006
Number of Days to Update: 33	Next Scheduled EDR Contact: 09/11/2006
	Data Release Frequency: Semi-Annually

### **CONSENT:** Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/14/2004	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 02/15/2005	Telephone: Varies
Date Made Active in Reports: 04/25/2005	Last EDR Contact: 03/13/2006
Number of Days to Update: 69	Next Scheduled EDR Contact: 07/24/2006
	Data Release Frequency: Varies

### **ROD:** Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/13/2006	Source: EPA
Date Data Arrived at EDR: 04/28/2006	Telephone: 703-416-0223
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 07/06/2006
Number of Days to Update: 32	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Annually

### **UMTRA:** Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 11/04/2005	Source: Department of Energy
Date Data Arrived at EDR: 11/28/2005	Telephone: 505-845-0011
Date Made Active in Reports: 01/30/2006	Last EDR Contact: 06/21/2006
Number of Days to Update: 63	Next Scheduled EDR Contact: 09/18/2006
	Data Release Frequency: Varies

### **ODI:** Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**TRIS:** Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2003	Source: EPA
Date Data Arrived at EDR: 07/13/2005	Telephone: 202-566-0250
Date Made Active in Reports: 08/17/2005	Last EDR Contact: 06/22/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/18/2006
	Data Release Frequency: Annually

**TSCA:** Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002	Source: EPA
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-260-5521
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 07/17/2006
Number of Days to Update: 46	Next Scheduled EDR Contact: 10/16/2006
	Data Release Frequency: Every 4 Years

**FTTS:** FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/29/2006	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/26/2006	Telephone: 202-566-1667
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 06/19/2006
Number of Days to Update: 34	Next Scheduled EDR Contact: 09/18/2006
	Data Release Frequency: Quarterly

**FTTS INSP:** FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Date of Government Version: 03/31/2006	Source: EPA
Date Data Arrived at EDR: 04/26/2006	Telephone: 202-566-1667
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 06/19/2006
Number of Days to Update: 34	Next Scheduled EDR Contact: 09/18/2006
	Data Release Frequency: Quarterly

**SSTS:** Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 05/11/2006	Telephone: 202-564-4203
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 07/17/2006
Number of Days to Update: 11	Next Scheduled EDR Contact: 10/16/2006
	Data Release Frequency: Annually

**ICIS:** Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 02/13/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/21/2006	Telephone: 202-564-5088
Date Made Active in Reports: 05/11/2006	Last EDR Contact: 07/17/2006
Number of Days to Update: 20	Next Scheduled EDR Contact: 10/16/2006
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **PADS:** PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 12/27/2005	Source: EPA
Date Data Arrived at EDR: 02/08/2006	Telephone: 202-566-0500
Date Made Active in Reports: 02/27/2006	Last EDR Contact: 06/28/2006
Number of Days to Update: 19	Next Scheduled EDR Contact: 08/07/2006
	Data Release Frequency: Annually

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

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/12/2006	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 04/26/2006	Telephone: 301-415-7169
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 07/03/2006
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Quarterly

## **MINES:** Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/09/2006	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 03/29/2006	Telephone: 303-231-5959
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 06/28/2006
Number of Days to Update: 62	Next Scheduled EDR Contact: 09/25/2006
	Data Release Frequency: Semi-Annually

## **FINDS:** Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/27/2006	Source: EPA
Date Data Arrived at EDR: 05/02/2006	Telephone: N/A
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 04/03/2006
Number of Days to Update: 28	Next Scheduled EDR Contact: 07/03/2006
	Data Release Frequency: Quarterly

## **RAATS:** RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/05/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/04/2006
	Data Release Frequency: No Update Planned

## **BRS:** Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2003  
Date Data Arrived at EDR: 06/17/2005  
Date Made Active in Reports: 08/04/2005  
Number of Days to Update: 48

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 06/30/2006  
Next Scheduled EDR Contact: 09/11/2006  
Data Release Frequency: Biennially

## STATE AND LOCAL RECORDS

**SHWS:** This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.  
State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

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: Department of Environmental Protection  
Telephone: 304-926-0455  
Last EDR Contact: 06/19/2006  
Next Scheduled EDR Contact: 09/18/2006  
Data Release Frequency: N/A

## **SWF/LF:** List of M.S.W. Landfills/Transfer Station Listing

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: 01/17/2006  
Date Data Arrived at EDR: 04/06/2006  
Date Made Active in Reports: 05/16/2006  
Number of Days to Update: 40

Source: Division of Environmental Protection  
Telephone: 304-926-0499  
Last EDR Contact: 04/26/2006  
Next Scheduled EDR Contact: 07/24/2006  
Data Release Frequency: Varies

## **LUST:** Leaking Underground Storage Tanks

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: 03/28/2006  
Date Data Arrived at EDR: 03/28/2006  
Date Made Active in Reports: 04/14/2006  
Number of Days to Update: 17

Source: Division of Environmental Protection  
Telephone: 304-558-4253  
Last EDR Contact: 06/27/2006  
Next Scheduled EDR Contact: 09/25/2006  
Data Release Frequency: Semi-Annually

## **UST:** Underground Storage Tank Database

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: 03/31/2006  
Date Data Arrived at EDR: 04/12/2006  
Date Made Active in Reports: 04/27/2006  
Number of Days to Update: 15

Source: Division of Environmental Protection  
Telephone: 304-759-0515  
Last EDR Contact: 06/27/2006  
Next Scheduled EDR Contact: 09/25/2006  
Data Release Frequency: Annually

## **SPILLS:** Spills Listing

A listing of spills and releases reported to the Office of Emergency Services, they do not include any TRI information.

Date of Government Version: 05/16/2006  
Date Data Arrived at EDR: 05/24/2006  
Date Made Active in Reports: 06/29/2006  
Number of Days to Update: 36

Source: Office of Emergency Services  
Telephone: 304-558-5380  
Last EDR Contact: 05/23/2006  
Next Scheduled EDR Contact: 08/21/2006  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**INST CONTROL:** Sites with Institutional Controls  
Sites that have institutional controls in place.

Date of Government Version: 02/01/2006  
Date Data Arrived at EDR: 04/03/2006  
Date Made Active in Reports: 04/14/2006  
Number of Days to Update: 11

Source: Department of Environmental Protection  
Telephone: 304-558-2508  
Last EDR Contact: 06/22/2006  
Next Scheduled EDR Contact: 09/18/2006  
Data Release Frequency: Varies

**VCP:** Voluntary Remediation Sites  
Sites involved in the Voluntary Remediation Program.

Date of Government Version: 02/01/2006  
Date Data Arrived at EDR: 04/03/2006  
Date Made Active in Reports: 04/14/2006  
Number of Days to Update: 11

Source: Department of Environmental Protection  
Telephone: 304-558-2745  
Last EDR Contact: 06/22/2006  
Next Scheduled EDR Contact: 09/18/2006  
Data Release Frequency: Semi-Annually

**DRYCLEANERS:** Listing of Drycleaner Locations  
A listing of drycleaners which use perchloroethylene.

Date of Government Version: 06/12/2006  
Date Data Arrived at EDR: 06/13/2006  
Date Made Active in Reports: 06/29/2006  
Number of Days to Update: 16

Source: Department of Environmental Protection  
Telephone: 304-926-0475  
Last EDR Contact: 06/12/2006  
Next Scheduled EDR Contact: 09/11/2006  
Data Release Frequency: Varies

**CDL:** Drug Lab Site Locations  
A listing of clandestine drug lab site locations.

Date of Government Version: 03/14/2006  
Date Data Arrived at EDR: 03/16/2006  
Date Made Active in Reports: 04/14/2006  
Number of Days to Update: 29

Source: Department of Environmental Protection  
Telephone: 304-926-0499  
Last EDR Contact: 06/27/2006  
Next Scheduled EDR Contact: 09/11/2006  
Data Release Frequency: Varies

## TRIBAL RECORDS

**INDIAN RESERV:** Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2004  
Date Data Arrived at EDR: 02/08/2005  
Date Made Active in Reports: 08/04/2005  
Number of Days to Update: 177

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 05/12/2006  
Next Scheduled EDR Contact: 08/07/2006  
Data Release Frequency: Semi-Annually

## EDR PROPRIETARY RECORDS

**Manufactured Gas Plants:** EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **EDR Historical Auto Stations:** EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

## **EDR Historical Cleaners:** EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

## **OTHER DATABASE(S)**

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

### **NJ MANIFEST:** Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2004	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/24/2006	Telephone: N/A
Date Made Active in Reports: 05/02/2006	Last EDR Contact: 07/05/2006
Number of Days to Update: 8	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Annually

### **NY MANIFEST:** Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 05/02/2006	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 05/31/2006	Telephone: 518-402-8651
Date Made Active in Reports: 06/27/2006	Last EDR Contact: 05/31/2006
Number of Days to Update: 27	Next Scheduled EDR Contact: 08/28/2006
	Data Release Frequency: Annually

### **PA MANIFEST:** Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005	Source: Department of Environmental Protection
Date Data Arrived at EDR: 05/04/2006	Telephone: N/A
Date Made Active in Reports: 06/06/2006	Last EDR Contact: 06/12/2006
Number of Days to Update: 33	Next Scheduled EDR Contact: 09/11/2006
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **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: Day Care Center List**

Source: Office of Social Services  
Telephone: 304-558-7980

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**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**

© 2006 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

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

### TARGET PROPERTY ADDRESS

MAJ LESLIE BIAS USARC  
1550 SPRING VALLEY DR  
HUNTINGTON, WV 25704

### TARGET PROPERTY COORDINATES

Latitude (North):	38.38400 - 38° 23' 2.4"
Longitude (West):	82.5189 - 82° 31' 8.0"
Universal Transverse Mercator:	Zone 17
UTM X (Meters):	367336.1
UTM Y (Meters):	4249307.5
Elevation:	646 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map:	38082-D5 CATLETTSBURG, OH
Most Recent Revision:	1985
South Map:	38082-C5 BURNAUGH, WV
Most Recent Revision:	1985

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).

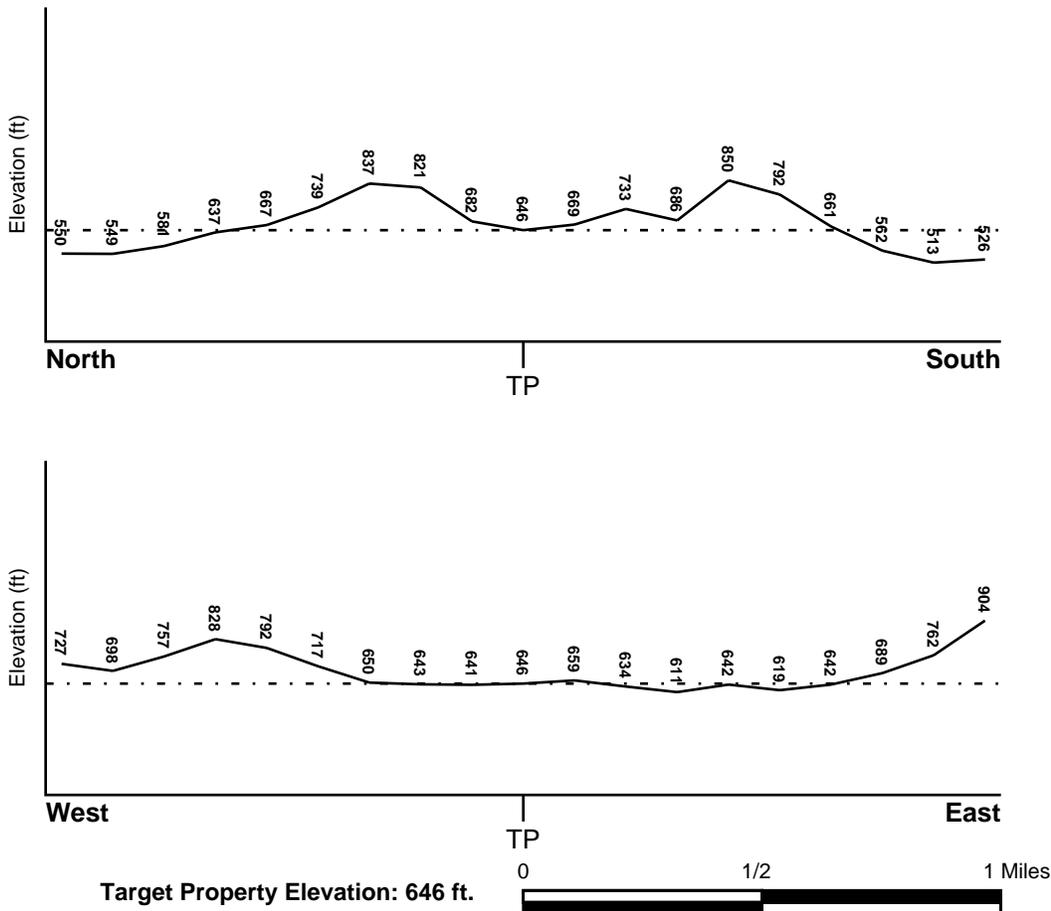
## TOPOGRAPHIC INFORMATION

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 SSE

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

## **FEMA FLOOD ZONE**

<u>Target Property County</u> WAYNE, WV	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
--	---

Flood Plain Panel at Target Property: 5402000084B

Additional Panels in search area: 5400180004C  
5402000082B  
5402000103B

## **NATIONAL WETLAND INVENTORY**

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

## HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

## **AQUIFLOW®**

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### **ROCK STRATIGRAPHIC UNIT**

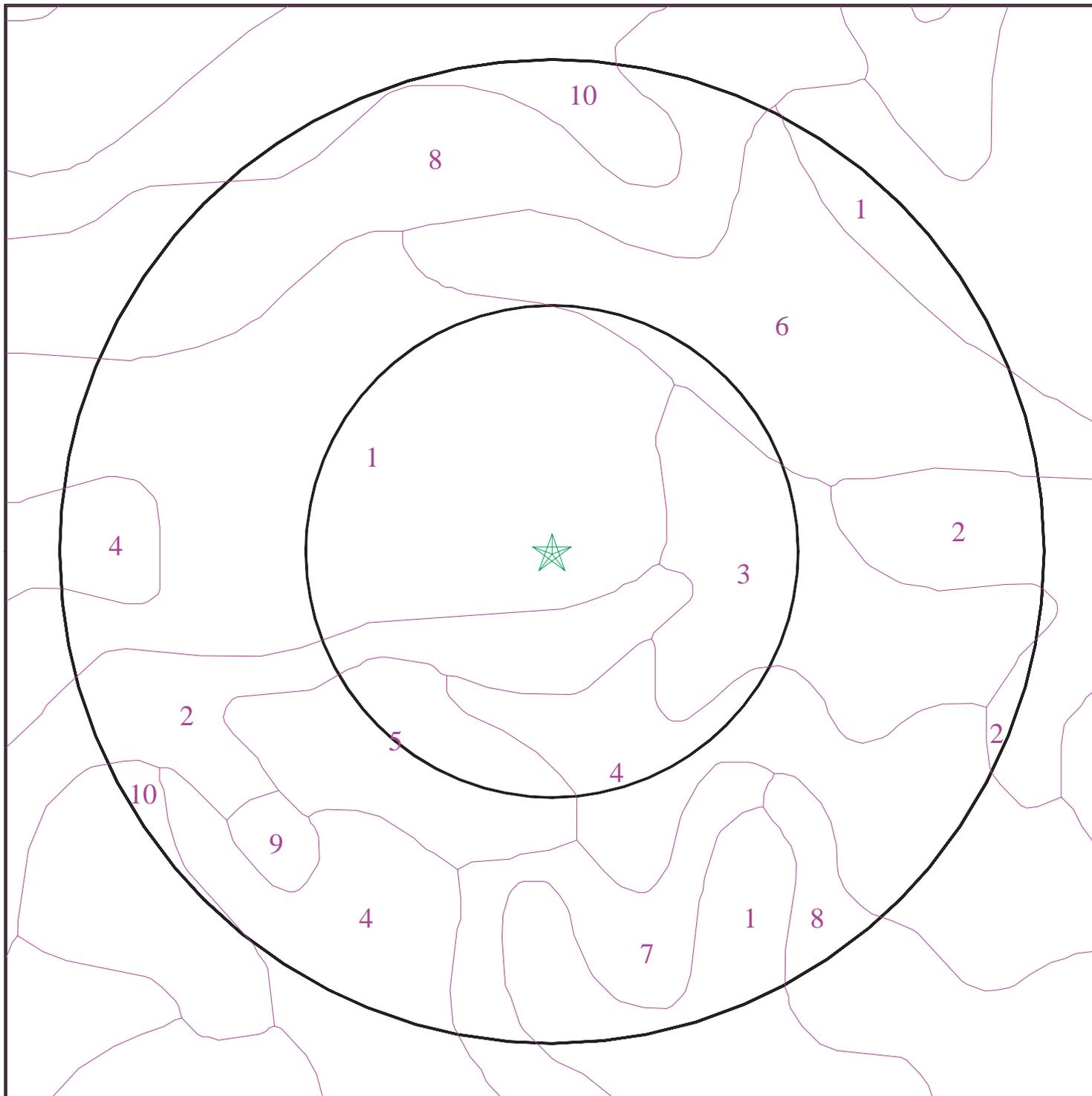
Era:	Paleozoic
System:	Pennsylvanian
Series:	Missourian Series
Code:	PP3 ( <i>decoded above as Era, System &amp; Series</i> )

#### **GEOLOGIC AGE IDENTIFICATION**

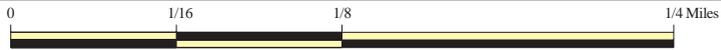
Category: Stratified Sequence

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).

# SSURGO SOIL MAP - 01718793.38r



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: MAJ Leslie Bias USARC  
ADDRESS: 1550 SPRING VALLEY DR  
HUNTINGTON WV 25704  
LAT/LONG: 38.3840 / 82.5189

CLIENT: CH2M Hill  
CONTACT: Mary Beth Jacques  
INQUIRY #: 01718793.38r  
DATE: July 19, 2006

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### 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. The following information is based on Soil Conservation Service SSURGO data.

#### Soil Map ID: 1

Soil Component Name: URBAN LAND

Soil Surface Texture: loam

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	6 inches	loam	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

#### Soil Map ID: 2

Soil Component Name: COTACO

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained. Soils have a layer of low hydraulic conductivity, wet state high in the profile. Depth to water table is 3 to 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	12 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 6.00 Min: 0.60	Max: 5.50 Min: 3.60
2	12 inches	39 inches	gravelly - sandy clay loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 5.50 Min: 3.60
3	39 inches	65 inches	gravelly - silt loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 5.50 Min: 3.60

### Soil Map ID: 3

Soil Component Name: ALLEGHENY

Soil Surface Texture: 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: LOW

Depth to Bedrock Min: > 40 inches

Depth to Bedrock Max: > 60 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 5.50 Min: 3.60
2	9 inches	46 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 5.50 Min: 3.60
3	46 inches	55 inches	silt loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 5.50 Min: 3.60

**Soil Map ID: 4**

Soil Component Name: BEECH

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained. Soils have a layer of low hydraulic conductivity, wet state high in the profile. Depth to water table is 3 to 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 2.00 Min: 0.60	Max: 6.00 Min: 4.50
2	9 inches	51 inches	channery - loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.10	Max: 6.00 Min: 4.50
3	51 inches	65 inches	very channery - loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.10	Max: 6.00 Min: 4.50

### Soil Map ID: 5

Soil Component Name: GILPIN

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: 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: LOW

Depth to Bedrock Min: > 20 inches

Depth to Bedrock Max: > 40 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	6 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 5.50 Min: 3.60
2	6 inches	22 inches	channery - loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 5.50 Min: 3.60
3	22 inches	26 inches	unweathered bedrock	Not reported	Not reported	Max: 2.00 Min: 0.10	Max: 0.00 Min: 0.00

### Soil Map ID: 6

Soil Component Name: BEECH

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained. Soils have a layer of low hydraulic conductivity, wet state high in the profile. Depth to water table is 3 to 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 6.00 Min: 4.50
2	9 inches	51 inches	channery - loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.10	Max: 6.00 Min: 4.50
3	51 inches	65 inches	very channery - loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.10	Max: 6.00 Min: 4.50

**Soil Map ID: 7**

Soil Component Name: GILPIN

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: 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: LOW

Depth to Bedrock Min: > 20 inches

Depth to Bedrock Max: > 40 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	6 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 5.50 Min: 3.60
2	6 inches	22 inches	channery - loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 5.50 Min: 3.60
3	22 inches	26 inches	unweathered bedrock	Not reported	Not reported	Max: 2.00 Min: 0.10	Max: 0.00 Min: 0.00

### Soil Map ID: 8

Soil Component Name: GILPIN

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: 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: LOW

Depth to Bedrock Min: > 20 inches

Depth to Bedrock Max: > 40 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	6 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 5.50 Min: 3.60

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	6 inches	22 inches	channery - loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 5.50 Min: 3.60
3	22 inches	26 inches	unweathered bedrock	Not reported	Not reported	Max: 2.00 Min: 0.10	Max: 0.00 Min: 0.00

---

### Soil Map ID: 9

Soil Component Name: WATER

Soil Surface Texture: Not reported

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil has not been ranked with a hydric criteria.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

No Layer Information available.

---

### Soil Map ID: 10

Soil Component Name: GILPIN

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: LOW

Depth to Bedrock Min: > 20 inches

Depth to Bedrock Max: > 40 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	6 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 5.50 Min: 3.60
2	6 inches	22 inches	channery - loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 5.50 Min: 3.60
3	22 inches	26 inches	unweathered bedrock	Not reported	Not reported	Max: 2.00 Min: 0.10	Max: 0.00 Min: 0.00

### LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

### WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

### FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

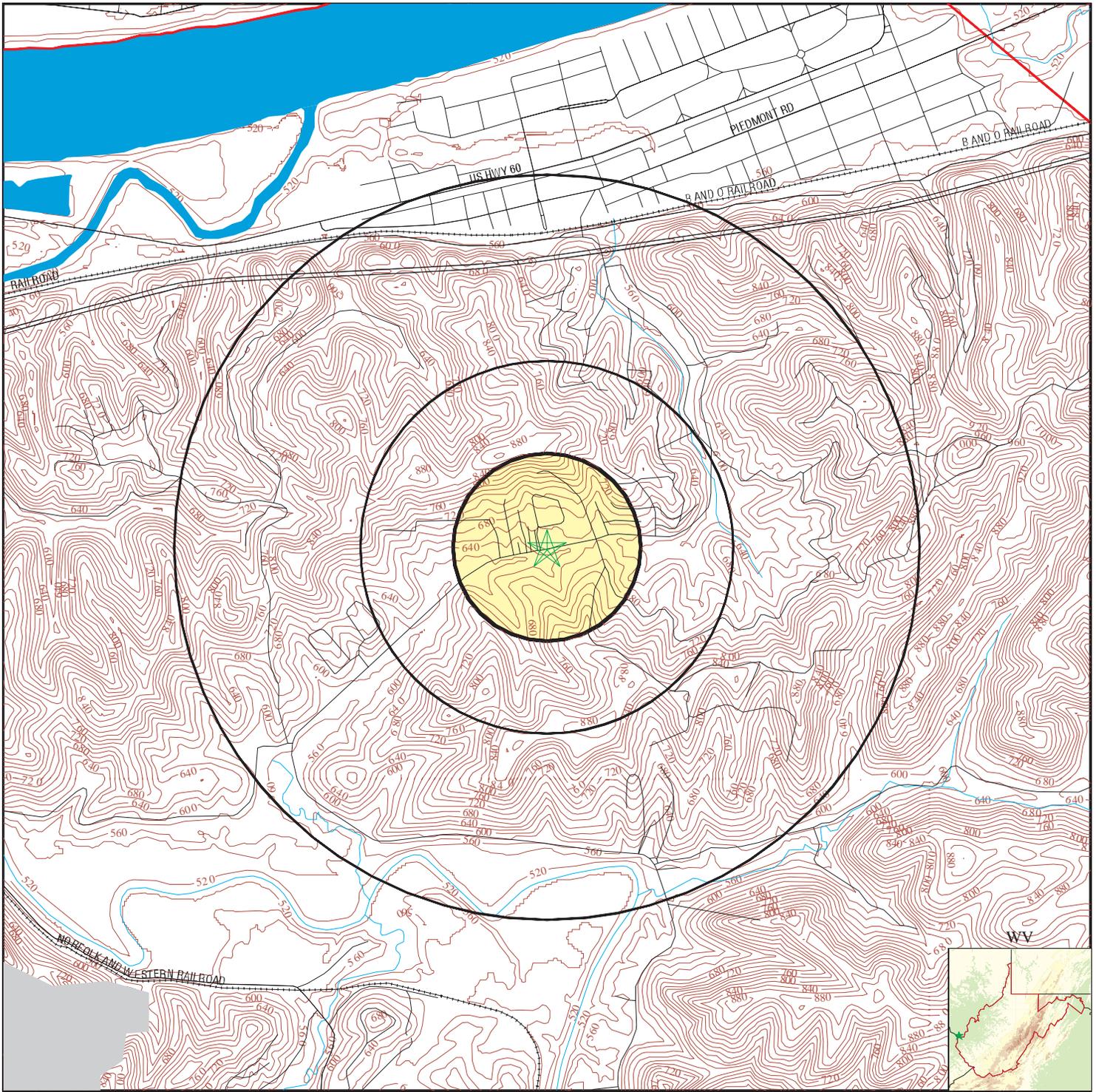
MAP ID	WELL ID	LOCATION FROM TP
<u>                    </u>	<u>                    </u>	<u>                    </u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

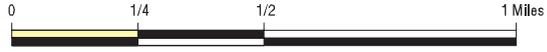
## STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
<u>                    </u>	<u>                    </u>	<u>                    </u>
No Wells Found		

# PHYSICAL SETTING SOURCE MAP - 01718793.38r



- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons



- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location



SITE NAME: MAJ Leslie Bias USARC  
 ADDRESS: 1550 SPRING VALLEY DR  
 HUNTINGTON WV 25704  
 LAT/LONG: 38.3840 / 82.5189

CLIENT: CH2M Hill  
 CONTACT: Mary Beth Jacques  
 INQUIRY #: 01718793.38r  
 DATE: July 19, 2006

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

EPA Region 3 Statistical Summary Readings for Zip Code: 25704

Number of sites tested: 69.

Maximum Radon Level: 5.3 pCi/L.

Minimum Radon Level: 0.1 pCi/L.

pCi/L <4	pCi/L 4-10	pCi/L 10-20	pCi/L 20-50	pCi/L 50-100	pCi/L >100
61 (88.41%)	8 (11.59%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)

# 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<sup>R</sup> Information System**

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

### **Geologic Age and Rock Stratigraphic Unit**

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### **STATSGO: State Soil Geographic Database**

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

### **SSURGO: Soil Survey Geographic Database**

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### **PWS:** Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### **PWS ENF:** Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### **USGS Water Wells:** USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

### STATE RECORDS

#### **West Virginia Water Well Information**

Source: Bureau of Public Health

Telephone: 304-558-6765

## OTHER STATE DATABASE INFORMATION

### RADON

#### **Area Radon Information**

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

#### **EPA Radon Zones**

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

#### **EPA Region 3 Statistical Summary Readings**

Source: Region 3 EPA

Telephone: 215-814-2082

Radon readings for Delaware, D.C., Maryland, Pennsylvania, Virginia and West Virginia.

### 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

© 2006 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.



**EDR**® Environmental  
Data Resources Inc

**The EDR-City Directory**  
*Abstract*

**MAJ Leslie Bias USARC  
1550 SPRING VALLEY DR  
HUNTINGTON, WV 25701**

**Inquiry Number: 1718793.42**

**Friday, July 21, 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](http://www.edrnet.com)

## EDR City Directory Abstract

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

***Thank you for your business.***

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

### **Disclaimer - Copyright and Trademark Notice**

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.**

Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2006 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

## **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 1990 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 21, 2006

**Target Property:**

1550 SPRING VALLEY DR  
HUNTINGTON, WV 25701

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	US Army Reserve Training	Polk's City Directory
1995	US Army Reserve Training	Polk's City Directory
2000	US Army Reserve Training	Polk's City Directory
2005	US Army Reserve Training	Polk's City Directory

**Adjoining Properties**

**SURROUNDING**

Multiple Addresses  
HUNTINGTON, WV 25701

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	<b><u>**Spring Valley Drive**</u></b>	Polk's City Directory
	Apartment Building (1545)	Polk's City Directory
	Residence (1548)	Polk's City Directory
	Residence (1549)	Polk's City Directory
	Residence (1551)	Polk's City Directory
	Residence (1553)	Polk's City Directory
	Residence (1559)	Polk's City Directory
1995	<b><u>**Spring Valley Drive**</u></b>	Polk's City Directory
	Apartment Building (1545)	Polk's City Directory
	Residence (1548)	Polk's City Directory
	Residence (1549)	Polk's City Directory
	Residence (1551)	Polk's City Directory

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Residence (1553)	Polk's City Directory
	Residence (1559)	Polk's City Directory
2000	<b><u>**Spring Valley Drive**</u></b>	Polk's City Directory
	Apartment Building (1545)	Polk's City Directory
	Residence (1548)	Polk's City Directory
	Residence (1549)	Polk's City Directory
	Residence (1551)	Polk's City Directory
	Residence (1553)	Polk's City Directory
	Residence (1559)	Polk's City Directory
2005	<b><u>**Spring Valley Drive**</u></b>	Polk's City Directory
	Apartment Building (1545)	Polk's City Directory
	Residence (1548)	Polk's City Directory
	Residence (1549)	Polk's City Directory
	Residence (1551)	Polk's City Directory
	Residence (1553)	Polk's City Directory
	Residence (1559)	Polk's City Directory