

FINAL

**ENVIRONMENTAL CONDITION OF
PROPERTY REPORT**

**HOT SPRINGS
U.S. ARMY RESERVE CENTER (AR020)
200 RESERVE STREET
HOT SPRINGS, ARKANSAS 71901**

Prepared for:

**U.S. Army Corps of Engineers — Louisville District
Engineering Division — Environmental Branch
600 Dr. Martin Luther King, Jr. Place
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February 7, 2007

CERTIFICATION

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

JAMES WHEELER II
Chief, Environmental Division
90th 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 Report.



LENARD GUNNELL, P.G.
Project Geologist
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February 7, 2007

DATE

EXECUTIVE SUMMARY

Terraine-EnSafe Joint Venture (TEJV), under contract to the U.S. Army Corps of Engineers, Louisville District, has prepared this Environmental Condition of Property (ECP) Report for the Hot Springs U.S. Army Reserve (USAR) Center (Facility ID AR020), hereafter referred to as the "Site" or "USAR Center." The Site is located at 200 Reserve Street in Hot Springs, Garland County, Arkansas.

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

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

The USAR Center is on 1.43 acres of land with three permanent structures: a 34,632-square-foot Administration Building, a 36-square-foot flammable materials storage structure, and a 108-square-foot hazardous materials storage building. The Site is currently occupied by the 489th Engineering Battalion Company, Combat Mechanized Engineers.

Based on a review of aerial photographs, U.S. Geological Survey topographical maps, and Sanborn fire insurance maps dating back to 1890, the Site was divided into six parcels and portions were developed. The developments on the Site in 1890, from west to east, included: a boarding house (McCrary Boarding House and subsequently McCrary Hotel) in the northwest parcel, Hotel Eastman and a house in the southwest parcel, a dwelling and portion of a wood pile on the south-central parcel, and a wood pile on the remaining three parcels. The Hotel Eastman building is documented as containing a carpenter shop, bath house, workshop, and two engines (Dynamo Room). From 1925 to 1942, various ancillary hotel operations including a laundry, garage (Eastman Garage Company), and the Laverne Apartments were present on the Site. The military took over the Hotel Eastman as an annex of the Army-Navy Hospital from October 1943 until June 1954, when the Army was ordered to evacuate the building. The McCrary Hotel was replaced with a building for U.S. Government occupancy in 1944; that building covered the northwestern and north central parcels. The Eastman Hotel was demolished in November 1958. Site occupants in the early 1960s include the City Police Department and U.S. Navy Electronics Facility and, in late 1960s, the U.S. Navy Training Facility and USAR Center. Polk city directories list the USAR at the Site from 1971 to 2005.

The Administration Building was constructed in 1944 and other building tenants, beyond those discussed above, include: the Hot Springs Rehabilitation Thrift Store, which leases an approximately 1,900-square-foot area in the northeast portion of the main floor, and has sold used clothing and household items since 1994; and the Hot Springs Rehabilitation Center, which has leased office space at the facility since at least 1987.

Areas of potential environmental concern were reviewed and the TEJV found no significant concerns relating to the environmental condition of the Site. In accordance with DoD policy defining the classifications (see S.W. Goodman Memorandum dated October 21, 1996), the Site has been classified as Category 2. This classification does not include categorizing the property based on *de minimis* conditions that generally do not present material risk of harm to the public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

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List of Acronyms and Abbreviations

ACM	asbestos-containing material
ADEQ	Arkansas Department of Environmental Quality
ADPC&E	Arkansas Department of Pollution Control & Ecology
AST	aboveground storage tank
ASTM	American Society for Testing and Materials
BRAC	Base Realignment and Closure Act
BRRM	Base Redevelopment and Realignment Manual
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	CERCLA Information System
CESQG	conditionally exempt small-quantity generator
CFR	Code of Federal Regulations
CORRACTS	Corrective Action Sites
DoD	Department of Defense
EBS	Environmental Baseline Survey
ECCI	Environmental, Compliance & Construction, Inc.
ECP	Environmental Condition of Property
ERNS	Emergency Response Notification System
FEMA	Federal Emergency Management Agency
gpm	gallons per minute
hazmat	hazardous material
kg	kilogram
LBP	lead-based paint
LQG	large-quantity generator
LUST	leaking underground storage tank
MEP	military equipment parking
mg/kg	milligram per kilogram
NBC	Nuclear, Biological, and Chemical
NETR	Nationwide Environmental Title Research, LLC
NFRAP	No Further Remedial Action Planned
NPL	National Priorities List

OWS	oil-water separator
PCB	polychlorinated biphenyl
pCi/L	picocuries per liter
POL	petroleum, oil, and lubricants
RCRA	Resource Conservation and Recovery Act
RCRAInfo	RCRA Information
RQ	reportable quantity
RRC	Regional Readiness Command
SQG	small-quantity generator
TBA	Targeted Brownfields Assessment
TEJV	Terraine-EnSafe Joint Venture
TSD	treatment, storage and disposal
USACE	U.S. Army Corps of Engineers
USACHPPM	U.S. Army Center for Health Promotion and Preventive Medicine
USAR	U.S. Army Reserve
USDA	U.S. Department of Agriculture
USEPA	U.S. Environmental Protection Agency
USGS	U.S. Geological Survey
UST	underground storage tank
VWR	vehicle wash rack

1.0 INTRODUCTION

Terraine-EnSafe Joint Venture (TEJV), under contract to the U.S. Army Corps of Engineers (USACE) Louisville District, was authorized to prepare an Environmental Condition of Property (ECP) Report for the Hot Springs U.S. Army Reserve (USAR) Center (Facility ID AR020), in response to the Base Realignment and Closure Act (BRAC) 2005 legislation. The work was performed under Contract No. W912QR-04-D-0044, Delivery Order No. 0008. The facility located at 200 Reserve Street in Hot Springs, Garland County, Arkansas, is hereafter referred to as the "Site" or "USAR Center." In support of the ECP, a visual reconnaissance of the Site was conducted on August 2, 2006. The purpose of the reconnaissance was to visually obtain information indicating the likelihood of recognized environmental conditions in connection with the Site.

1.1 PURPOSE OF ENVIRONMENTAL CONDITION OF PROPERTY

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

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

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

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

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

1.2 SCOPE OF SERVICES

This ECP covers the 1.43-acre Hot Springs USAR Center at 200 Reserve Street in Hot Springs, Garland County, Arkansas. The property is bounded by the Hot Springs Rehabilitation Center to the north, a federal building and parking lot to the west, a vacant lot and Sentinel Record to the south, and a vacant lot and a residence to the east. A general Site location map, a site layout map, historical topographic maps and aerial photographs, a wetland map, and a Federal Emergency Management Agency (FEMA) flood plain map are provided as figures in Appendix A. Appendix B provides photographs taken during the August 2006 Site visit. Appendix C provides chain-of-title information. Historical environmental documents and reports are provided in Appendix D. The environmental database report is provided in Appendix E.

This ECP Report classifies the property into one of seven DoD Environmental ECP categories as defined by the S.W. Goodman Memorandum dated October 21, 1996. The property classification categories are as follows:

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

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

1.3 ASSUMPTIONS AND LIMITATIONS

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

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

This ECP Report presents a summary of readily available information on the environmental conditions of, and concerns relative to, the land, facilities, and real property assets at the USAR Center. Its findings are based on a record search of readily available historical documents, a thorough review of the applicable and relevant documents, a visual Site reconnaissance conducted on August 2, 2006, and interviews with personnel knowledgeable about the Site and its history. Extensive environmental investigations and reports and Site historical documents were reviewed in support of this ECP. Information obtained from these other studies is reflected within this report by reference. A complete list of references is provided as Section 9.0.

All Site buildings were visually inspected during the Site reconnaissance. However, a 100% visual reconnaissance of each building (e.g., attics, crawl spaces, etc.) was not practical due to accessibility restrictions. No sampling or analysis of any media was conducted during this survey.

2.0 SITE LOCATION AND PHYSICAL DESCRIPTION

The visual Site reconnaissance included a driving and walking tour of the facility and surrounding area, and a walking assessment of the developed area of the Site and all buildings. The visual Site reconnaissance was conducted by TEJV personnel on August 2, 2006, to field-verify information produced in the document review and to identify recognized environmental conditions of property.

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

2.1 SITE LOCATION

The Site address is 200 Reserve Street in downtown Hot Springs, Garland County, Arkansas. As shown in Figure 1 in Appendix A, the property is bounded by the Hot Springs Rehabilitation Center to the north, a federal building and parking lot to the west, a vacant lot and Sentinel Record building to the south, and a vacant lot and a residence to the east.

2.2 ASSET INFORMATION

Facility Name and Address:	Hot Springs USAR Center (AR020) 200 Reserve Street Hot Springs, Arkansas 71901
Property Owner:	U.S. Government
Date of Ownership:	Parcels obtained under five chains from 1943 to 1947
Current Occupant:	489 th Engineering Battalion Company, Combat Mechanized Engineers
Zoning:	Commercial
County, State:	Garland County, Arkansas
USGS Quadrangle:	Hot Springs North
Section/Township/Range:	Section 33, Township 2 South, Range 19 West

Latitude/Longitude: 34° 30' 41.8" North/93° 3' 13.0" West

Legal Description: All those certain pieces or parcels of land being Lots 1, 2, 3, 4, 5, and 6, Block 85, Hot Springs Reservation, situated and lying in Section 33, Township 2 South, Range 19 West in the City of Hot Springs, Garland County, State of Arkansas.

2.3 PHYSICAL DESCRIPTION

A Site layout map of the USAR Center is provided as Figure 2 in Appendix A. Photographs 1 through 9 in Appendix B show the adjacent properties. Photographs 10 through 20 show the interior and exterior of the USAR Center building and specific environmental conditions or other Site-specific features.

The property covers a city block and is bounded by Reserve Avenue to the north, Opera Street to the west, Spring Street to the south, and Civic Avenue to the east. The property is terraced, and slopes from north to south. Approximately 95% of the Site is considered impervious (asphalt parking areas, driveways, concrete walkways, building footprints, etc.), while the remainder is covered by grass. There is no evidence of erosion or excavation on Site. A Mimosa tree and daylilies were noted in the northeastern portion of the Site in a flower bed near the Thrift Shop. Vehicle access is via entrances from Spring Street.

The USAR, 90th Regional Readiness Command (RRC), 489th Engineering Battalion Company, Combat Mechanized Engineers uses the Site for offices, physical and academic training, storage of equipment and military vehicles, and for conducting drill-training activities. The Site has three buildings: a 34,632-square-foot Administration Building, a 36-square-foot flammable materials storage structure, and a 108-square-foot hazardous materials (hazmat) storage building. The Site layout plan is shown in Figure 2.

The Administration Building has a main floor consisting of a classroom area, offices, storage areas, and a basement with a kitchen, assembly hall, secure arms vault, a platoon storage area, several other storage areas, and a few offices. A grease trap is present in the kitchen. The Hot Springs Rehabilitation Thrift Store, which sells used clothing and household items, leases approximately 1,900 square feet in the northeast portion of the main floor of the Administration Building. The Thrift Store has operated since 1994. The Hot Springs Rehabilitation Center has leased office space at the facility since before 1987.

2.4 SITE HYDROLOGY AND GEOLOGY

2.4.1 Surface Water Characteristics

Surface water flows generally from north to south across the Site. A drainage swale diverts storm water from west to east near the center of the property. On the eastern side of the property are three storm water drains, two are on the northern side of the retaining walls and one storm drain is in the southeastern-most corner of the property. The storm drains discharge to the storm water sewer. From that point, the water flows southerly. The ground surface slopes toward the northern side of the building where surface water pools. During heavy rainfall events, the water seeps into the building basement. The water then drains into the floor drains in the basement which discharges to the sanitary sewer. The nearest surface water body is Hot Springs Creek, which is located approximately 500 feet west of the Site, behind Bathhouse Row on the east side of Central Avenue (U.S. Geological Survey [USGS], 2006).

2.4.2 Hydrogeological Characteristics

The Site is underlain by the Stanley Shale. The shale in the area generally limits groundwater movement. Groundwater in the Stanley Shale yields only a few gallons per minute. The groundwater system consists of hot water and cold water components. The hot water is thought to be regionally derived recharge from rainfall where the water flows to 4,500 to 7,500 feet depth and is heated. The heated water then rises to the surface along shallow northeast trending faults, joints, and fractures. The cold water is produced as locally derived recharge from rainfall and flows along northeast trending faults, joints and fractures. The lower member of the Arkansas Novaculite is the primary aquifer of shallow groundwater flow. Shallow groundwater generally indicates flow is toward Hot Springs Creek (USGS, 2006). Hot Springs Creek is located approximately 500 feet west of the Site, behind Bathhouse Row on the east side of Central Avenue.

The Site is near the Hot Springs National Park in the physiographic area of the Ouachita Mountains. According to the U.S. Department of Agriculture (USDA) Soil Conservation Service survey, the Yanush soil component is the only soil association on the Site. The Yanush soil is deep, well drained, moderately permeable soil that forms in loamy colluviums from chert and novaculite. The Yanush soil is not considered a hydric soil. This soil is found on side slopes and foot slopes of the Ouachita Mountains. Mean annual temperature is 62° Fahrenheit and the mean annual precipitation is 48 inches.

The rocks cropping out in the area are sedimentary rocks, although intruded igneous rocks are exposed in the region (USGS, 2006). The beds of sedimentary rocks generally are steeply inclined because of mountain building forces in late Paleozoic time.

2.5 SITE UTILITIES

Entergy provides electricity to the Site. According to USAR personnel, the facility was rewired by Gingrich Electric in 1998. The City of Hot Springs provides potable water, sanitary, and storm water service to the facility. Natural gas is provided by Arkla. The water, sewer, and gas lines were installed when the Administration Building was constructed.

2.6 WATER SUPPLY WELLS AND SEPTIC SYSTEMS

Neither water supply wells nor septic systems were identified on the Site.

3.0 SITE HISTORY

3.1 HISTORY OF OWNERSHIP

Nationwide Environmental Title Research, LLC (NETR) Real Estate Research and Information prepared a historical chain-of-title report for the Site, which is provided in Appendix C. The property has been conveyed under five chains. Key historical deed transfers of the Site are as follows:

Chain 1

- New York Hotel Company purchased lot from L.G. Blasdel (January 8, 1903)
- Mary I. McLain purchased lot from New York Hotel Company (March 16, 1908)
- Grace Maroney purchased lot from Mary I. McLain (May 4, 1938)
- Mac and Mary T. Shreffler purchased lot from Grace Maroney (May 16, 1942)
- United States of America purchased lot from Mary T. Shreffler (March 19, 1947)

Chain 2

- New York Hotel Company purchased lot from W.H. and Maria Gaines (September 6, 1889) and L.G. Blasdel (January 8, 1903)
- The Eastman Company purchased the lot from the New York Hotel Company (January 18, 1938)
- H. Grady Manning, et al., purchased the lot from The Eastman Company (October 9, 1942)
- A judgment against the Eastman Company to the United States of America (recorded May 1, 1943)

Chain 3

- New York Hotel Company purchased lot from A.B. Gaines (May 22, 1889)
- The Eastman Company purchased the lot from the New York Hotel Company (January 18, 1938)
- H. Grady Manning, et al., purchased the lot from The Eastman Company (October 9, 1942)
- A judgment against the Eastman Company to the United States of America (recorded May 1, 1943)

Chain 4

- A.B. Gaines purchased the lot from M.A. McCrary (May 10, 1893)
- A Commissioner's deed transferred ownership from Defendants George W. Gates and George W. Gates, Executor of the Estate of Mattie A. McCrary to the Arkansas National Bank of Hot Springs (January 27, 1936)
- Charles W. and Monica Hoblick purchased the lot from the Arkansas National Bank of Hot Springs (January 28, 1937)
- The United States of America obtained the lot from the Hobliks (February 14, 1944)

Chain 5

- George R. King purchased the property from James R. Pierce (March 30, 1898)
- George R and Eugenie L. King purchased the lot from James R. Pierce (April 5, 1933)
- Lewis H. Palmer purchased the lot from Eugenie L. King (April 10, 1933)
- Lee Cazort obtained the lot from Alfred R. King (February 25, 1941)
- Elmer H. Gourley obtained the lot from Alfred F. King, Executor under the will of George R. King, deceased (June 3, 1941)
- Kenneth and Elizabeth Schweer purchased the lot from Elmer H. Gourley (June 3, 1941)
- The United States of America obtained the lot from the Schweers (November 13, 1943)

3.2 PAST USES AND OPERATIONS

The earliest historical source for the Site obtained for the ECP, a 1890 Sanborn fire insurance map, shows the Site divided into six parcels, occupied by: a boarding house in the northwest parcel, a Hotel Eastman and house in the southwest parcel, a dwelling and a portion of a wood pile on the south-central parcel, and a wood pile on the remaining three parcels. The Hotel Eastman building was documented as containing a carpenter shop, a bath house, a workshop, and two engines. The 1892 Sanborn map shows similar Site conditions except for the dwelling noted in the 1890 Sanborn map which was attached to the boarding house now identified as McCrary's Boarding House.

The 1896 Sanborn map identifies the Hotel Eastman building as containing a carpenter shop, a bath house, a repair shop, a boiler house, and the Engine and Dynamo room. Map symbols in the Hotel Eastman Building were similar to the 1890 and

1892 maps indicating that the boiler house and Engine and Dynamo rooms were part of the original construction. The Eastman Hotel featured steam heat and electric lighting when it opened on January 1, 1890.

The 1901 and 1908 Sanborn maps show the McCrary Hotel and Hotel Eastman Bathhouse on the western-most portion of the Site. The other four parcels were vacant. The 1915 Sanborn map also shows the Hotel Eastman Bathhouse and the McCrary Hotel. A small structure is noted in approximately the center of the other four parcels. The 1925 Sanborn map shows the McCrary Hotel and Hotel Eastman Bathhouse on the western portion of the property. In the northern portion of the south-central parcel, the laundry for the Hotel Eastman is shown. USAR personnel indicated that when the former gymnasium was demolished, concrete supports for the former washing machines were uncovered and subsequently removed. A small structure was south of the laundry.

As described in *A Chronology of Hot Springs Events*, the military took over the Eastman Hotel as an annex of the Army-Navy Hospital from October 1943 to June 1954, when the Army was ordered to evacuate the building. In the 1950 Sanborn map, the Former Eastman Hotel is noted as U.S. Government property and the McCrary Hotel has been replaced with a building that covers the northwestern and north central parcels for U.S. Government occupancy (Administration Building constructed in 1944). A dwelling is noted in the northeastern-most parcel. USAR personnel stated Military Police may have lived in the dwelling. The bathhouse remained in the southwestern parcel, and although the structure housing the former Hotel Eastman laundry is shown, the laundry is not depicted. A tank is shown in the south-central parcel. There is no listing for the Site in the 1946, 1951, 1958, 1960, 1961, or 1966 city directories.

The Eastman Hotel (the hotel name was listed on different documents as either the Hotel Eastman or the Eastman Hotel) was demolished in November 1958, according to *A Chronology of Hot Springs Events*. A 1962 city directory lists the Site used by the City Police Department and U.S. Navy Electronics Facility. The 1964 city directory lists the Site use as City Offices — Police Department, Government Offices — Defense Department, and Navy Elects Facility. USAR personnel confirmed that the facility had been used as a police station previously.

The 1968 city directory lists the Site use as a U.S. Navy Training Facility. The 1968 Sanborn map shows the building in the northwestern and north-central portions of the property. A dwelling with garage is noted in the northeastern-most parcel. The former bathhouse is no longer shown in the southwestern most portion of the parcel, and an area of miscellaneous storage is noted in the northernmost half of the south-central parcel. The 1969 and 1970 *Polk's City Directories* list the Site use as U.S. Navy Training Facility and USAR Center. The 1974 and 1984 aerial photographs depict a similar layout of buildings on the property, although it is not clear if the dwelling remains on Site.

The *Polk's City Directories* list the USAR as occupying the Site from 1971 to 2005. Important events in the USAR Center's development, administration, and mission are summarized in Table 1.

Year	Description
1943	U.S. Government obtains three lots (Eastman Hotel) to expand facilities at the Army-Navy Hospital
1944	U.S. Government obtains the fourth lot
1947	U.S. Government obtains the last lot of the parcel
1959	Hospital operations ceased. Army ordered to evacuate the building
1962	Police Station and U.S. Navy Electronic Facility
1964	City Offices including Police Department and Government Offices, and Navy Elects Facility
1971 to present	U.S. Army Reserve Center

The USAR (90th RRC) 489th Engineering Battalion Company, Combat Mechanized Engineers uses the Site for training Reserve personnel in escape, evasion, land navigation, and other common soldier skills. Training is also provided on the use of cargo vehicles, installation and removal of objects, and practice hauling missions.

Historical topographic maps and aerial photographs provide information about the Site and surrounding area. Figures 3, 4, 5, and 6 in Appendix A present topographical maps of the Site and surrounding area dated 1894, 1912, 1966, and 1976, respectively. Figures 7 through 11 present aerial photographs of the Site and surrounding areas dated 1940, 1974, 1984, 1994, and 2001, respectively.

Pertinent observations on the historical USGS topographic maps are summarized below.

- **1894 and 1912 (Figures 3 and 4).** These figures were produced at a scale that does not allow for any site-specific observations. The Site property is shown within the Hot Springs city limits.
- **1966 and 1976 (Figures 5 and 6).** This figure shows the USAR Center building, the Hot Springs Rehabilitation Center, the federal building, and St. Luke's Episcopal Church.

Pertinent observations on the historical aerial photographs are summarized below.

- **1940 (Figure 7).** This figure shows the Site with individual buildings on it. Based on information obtained from the Sanborn maps, the buildings are the former McCrary Hotel (northwest corner), Hotel Eastman Bathhouse (southwest corner), and Hotel Eastman laundry (south-central parcel). The photograph shows a small structure in the northeast portion of the Site. The Army-Navy Hospital is visible to

the north and the Eastman Hotel is visible to the west. St. Luke's Episcopal Church is southwest of the Site. The properties to the east appear to contain individual buildings. The western portion of the property to the south appears vacant and a structure is present on the eastern portion.

- **1974 and 1984 (Figures 8 and 9).** These aerial photographs show the Site, adjacent properties, and the surrounding area in the same configuration as observed during the August 2, 2006 Site reconnaissance, except for a small structure noted on the eastern portion of the southern adjoining property. That area was vacant during the Site reconnaissance.
- **1994 and 2001 (Figures 10 and 11).** These aerial photographs show the Site, adjacent properties, and the surrounding area in the same configuration as observed during the August 2, 2006 Site reconnaissance.

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

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

3.3.1 Past Use and Storage of Hazardous Substances

No information is available on whether the Eastman Hotel laundry performed dry cleaning services. In addition, the Dynamo engine used to provide electricity to the hotel may have used oils and a fuel source for operation. The storage or disposal of these substances is not known.

Chemicals formerly used and stored at the Site were associated with vehicle and facility maintenance activities and janitorial services. A 1998 Historical Architectural Report contained a map dated June 7, 1989 (Figure 17 of Parsons Engineering Science's 1998 report in Appendix D). That map shows areas where hazardous substances may have been used and/or stored (TEJV location description provided in parentheses):

- 1 — Grease Rack (adjacent to the vehicle wash rack [VWR] and south of the maintenance shop)
- 2 — VWR (adjacent to the grease rack and south of the maintenance shop)
- 3 — Underground Storage Tank [UST] (southeast of the maintenance shop)
- 4 — Drum Storage Shed (southeast of the maintenance shop near the UST)
- 5 — Petroleum, Oil, and Lubricants (POL) Room (southeast of the maintenance shop)

- 6 — Parts Cleaner (northeast corner of the maintenance shop)
- 7 — Brake Changing Area (location varies)
- 8 — Battery Room (southwest portion of the maintenance shop)

Certain types of chemical products used and stored at the Site would have contained CERCLA hazardous substances and would have been stored on a rotational basis in amounts necessary to support the unit through direct-support-level maintenance. However, there is no indication that CERCLA hazardous substances were stored at the Site for one year or more in excess of corresponding RQs.

3.3.2 Past Disposal and Release of Hazardous Substances

Information related to past disposal and potential release of hazardous substances at the Site was compiled through review of available Site records, search of federal and state environmental databases, and interviews with USAR personnel. According to USAR personnel and Site records, the disposal of hazmat or hazardous wastes has not occurred at the Site.

As indicated in Section 3.3.1, a 1989 figure contained in a 1998 Historical Architectural Report reflected the presence of a VWR south of the maintenance shop. A grease rack was adjacent to the VWR to the west. The location of the VWR was evident during the August 2, 2006 Site visit, and an oil-water separator (OWS) is associated with the VWR. According to USAR personnel, the original VWR had no OWS and it discharged directly to the sanitary sewer. In 1998, the connection to the sanitary sewer was permanently plugged and vents were added to the OWS. The ground surface surrounding the OWS is concrete, and no staining was observed during the Site visit. As needed, the OWS is reportedly pumped out by Safety-Kleen.

Also noted on the 1989 map is the existing POL storage room attached to the east side of the maintenance shop. In addition, the 1989 map shows a parts cleaner in the northeast corner of the maintenance shop and a battery storage area in the southwestern corner of the maintenance shop. The parts cleaner was observed during the Site reconnaissance, but the battery storage area was not evident. The floor of the maintenance shop was observed to be in good condition with no stains. USAR personnel stated the previous parts washer was a Safety-Kleen unit with solvents removed by Safety-Kleen, while the current unit is an Inland Technologies double-filtered unit with long-life Breakthrough solution. The filters, sludge, and solution in the current parts washer unit are currently disposed through the Army Defense Reutilization and Marketing Outlet.

Gravel fill from the City of Hot Springs gravel pit was used at the Site when the former gymnasium/Hotel Eastman building was removed in 1990. No stained soil or stressed vegetation on the Site was observed during the August 2, 2006 Site visit. The military equipment parking (MEP) area and privately owned vehicle parking area had signs

of minor staining and/or discoloration which were all considered *de minimis*, and no noxious or foul odors were noted.

3.4 PAST BULK PETROLEUM STORAGE TANKS

Evidence of previous bulk petroleum aboveground storage tanks (ASTs) was not identified during the ECP. According to USAR personnel, a former fuel UST is located beneath the flammable materials storage building. The tank has a 5,000-gallon capacity and was closed in place because of its proximity to the building, which prohibited removal. Soil samples were collected to confirm that soil was not impacted above state actions levels, and a 1998 letter from the Arkansas Department of Pollution Control and Ecology (ADPC&E), now the Arkansas Department of Environmental Quality (ADEQ), required no further action.

3.5 REVIEW OF PREVIOUS ENVIRONMENTAL REPORTS

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

3.5.1 Environmental Baseline Survey Report

In February 2005, Environmental, Compliance & Construction, Inc. (ECCI) prepared for the USAR, 90th RRC, an *Environmental Baseline Survey* (EBS) of the USAR Center. The EBS provides summary and general information about the Site. "In accordance with the ASTM Standard D5746-98 for *Standard Classification of Environmental Condition of Property Area Types for Defense Base Closure and Realignment Facilities*", ECCI classified the Site as an ECP Area Type 7 Property. An ECP Area Type 7 Property is an area or parcel of real property that is unevaluated or requires additional evaluation.

3.5.2 Architectural Assessment Report

Parsons Engineering Science, Inc., performed a *Historic Architectural Resources Assessment of the 90th Regional Support Command Facilities in Arkansas* for the Department of the Army, 90th RRC, Office of the Engineer. The findings of the assessment were compiled in a report issued February 1998. The report concluded that the Administrative Building on the Site was not eligible for placement on the National Register of Historic Places because it could not be restored to its original appearance due to a brown stucco-like material applied to its exterior that could not be removed. No further architectural surveys were recommended for this Site. The Arkansas State Historic Preservation Officer concurred with the report recommendation that the Site was not eligible in a letter dated August 25, 1997. The Architectural Assessment Report contained a map dated June 7, 1989, which is discussed in Section 3.3.1 (Figure 17 of the 1998 Parsons Engineering Science report is provided in Appendix D).

3.5.3 Lead-Based Paint

ETC Engineers, Inc. performed an assessment of LBP at the USAR Center with the results reported in the *Report of Findings, Lead-Based Paint and Ozone Depleting Chemicals Assessment and Management* (1994). The assessment noted that the general condition of the paint in public or general use areas was good. Visible signs of paint cracking and chipping were not observed. Laboratory analysis identified 17 areas containing LBP:

1. Door #1 in Room 122
2. Door Jamb #1 in Room 122
3. Door #1 in Room 123
4. Door Jamb #1 in Room 103
5. Door #2 in Room 103
6. Door Jamb #2 in Room 103
7. Door #3 in Room 103
8. Door #1 in Room 105
9. Door #1 in Room 132
10. The column in Room 201
11. The partition in Room 202
12. The toilet door in Room 202
13. Wall #3 in Room 202
14. Door #1 in Room 206
15. The column in Room 205
16. Exterior door #1
17. Exterior stair handrail

3.5.4 Radon Reports

An October 4, 1993, memorandum entitled Asbestos/Radon Test Results, states the facility was tested for radon from March 20 to November 14, 1989. The results ranged from 0.20 to 2.9 picocuries per liter (pCi/L). The February 2005 EBS reported that "Survey kits were placed at approximately 2,000-square-foot intervals. No levels above 4 pCi/L were found."

3.5.5 Asbestos Reports

An October 4, 1993, memorandum from the Department of the Army, Headquarters 122D USAR Command issued copies of asbestos testing for the Site. The memorandum, which is not legible, included the results of 46 asbestos samples. The document noted that the identified asbestos-containing material (ACM) was abated after the sampling.

An asbestos building inspection was performed on December 3, 1996, by the Environmental Section of the 90th Regional Support Command. The results were summarized in an *Asbestos Building Inspection, Hot Springs U.S. Army Reserve Center, Hot Springs, Arkansas* dated January 1997. No friable asbestos was identified. Floor tile mastic in the maintenance shop bathroom of the USAR Center tested positive for

asbestos. The material was non-friable and was in good condition at the time of the inspection.

3.5.6 Threatened and Endangered Species Report

Parsons Engineering Science, Inc. performed an investigation and issued a *Final Phase 2 Threatened and Endangered Species Habitat Analysis of the 90th Regional Readiness Command (RRC) Facilities* for the Department of the Army, 90th RRC in August 2005. The Phase 2 analysis indicated that there was no suitable habitat for listed species on the Site because of prior and existing land use. The facility was selected for a Phase 2 analysis during Phase 1 because of its proximity to the Hot Springs National Park.

3.5.7 Cultural Resources Report

Parsons Engineering Science, Inc. performed an assessment and prepared a *Management Summary, Cultural Resources Assessment of 90th Regional Support Command, Facilities in Arkansas, Louisiana, New Mexico, Oklahoma, and Texas* for the Department of the Army, 90th RRC. The assessment was compiled and issued February 1998. The assessment concluded that there were no architectural or archeological issues at the Site. The Site has a "low" archeological potential and is not eligible for the National Register of Historic Places.

3.5.8 Polychlorinated Biphenyls Report

The U.S. Army Center for Health Promotion and Preventive Medicine (USACHPPM) performed a *Polychlorinated Biphenyls (PCB) Assessment No. 37-08-5615-97* for the 90th RRC. The assessment was compiled and issued on September 30, 1997. The report noted that the electrical service transformer is located off government property. However, fluorescent lighting fixtures inside the building were identified as containing PCB-contaminated ballasts.

3.5.9 UST Closure Reports

A 5,000-gallon UST containing fuel was formerly located beneath the flammable materials storage building. The USAR contracted RMI Inc. to close the tank, as detailed in a 1998 permit, associated analytical results, and a letter from the ADPC&E (RMI, 1998). The tank was filled in place with a sand slurry on July 13, 1990. Two soil samples collected to confirm that soil was not impacted above state actions levels indicated: total petroleum hydrocarbons concentrations of 245 milligrams per kilogram (mg/kg) and 142 mg/kg; and total benzene, toluene, ethyl benzene, and xylenes concentrations of 0.5 mg/kg and 0.3 mg/kg. The ADPC&E issued a letter on November 20, 1998, requiring no further action.

4.0 ADJACENT PROPERTIES

Figure 11 in Appendix A provides a 2001 aerial view of the Site and adjacent properties. The property is bounded by Reserve Avenue and the Hot Springs Rehabilitation Center to the north; a federal building and parking lot to the west; a vacant lot and Sentinel Record building to the south; and a residential area to the east. Table 2 provides a list of adjacent properties with their directional location from the Site. The zoning of the adjacent parcels is also listed in Table 2. The Hot Springs Rehabilitation Center is not zoned because it is a State-owned property.

Direction From Site	Name/Type of Property	Address	Zoning
West	Federal Building	3201 Federal Building	C1
North	Hot Springs Rehabilitation Center	105 Reserve Street	Not Zoned
East	Vacant Lot	Reserve Street	R4
East	Residence	401 Spring Street	R4
South	Vacant Lot	316/318 Spring Street	C1
South	Sentinel Record	300 Spring Street	C1

Appendix A provides historical aerial photographs and topographic maps, and Appendix E presents an environmental database report that was used to evaluate potential environmental impacts from adjacent and nearby properties that may have also impacted the environmental conditions at the Site. Land use at the adjacent properties does not appear to have changed significantly over the years and does not appear to have impacted the environmental conditions of the USAR Center.

5.0 REVIEW OF REGULATORY INFORMATION

A component of the ECP is the review of all reasonably obtainable federal, state, and local government records for the Site and surrounding properties where there has been a release or likely release of any hazardous substance or any petroleum product and that are likely to cause or contribute to a release or threatened release of any hazardous substance or any petroleum product on the federal real property. An environmental database summary report was obtained from EDR on July 19, 2006. The environmental database summary consolidates standard federal, state, local, and tribal environmental record sources based on ASTM-recommended minimum search distances from the Site. A copy of the complete EDR report is included in Appendix E.

The facility is a conditionally exempt small-quantity generator (CESQG) under the Resource Conservation and Recovery Act (RCRA). No environmental permits have been issued for the Site; therefore, permit applications or associated permit documentation were not available for review. The Site has not participated in the Installation Restoration Program, Military Munitions Response Program, or a Compliance Cleanup program.

TEJV interviewed local authorities and reviewed reasonably accessible USAR environmental documents, ADEQ files, city of Hot Springs records, and historical aerial photographs and maps to investigate environmental conditions at the Site and surrounding area. Available information on and the potential impact of environmental conditions on the Site were each assessed.

TEJV conducted multiple interviews with relevant personnel to discuss general environmental interest and specific areas of interest identified during the records review and visual reconnaissance. Section 9.0 of this report identifies the individuals interviewed with respect to conditions and operations at the Site and the information from those interviews has been incorporated into this report.

The interviews included topics of general environmental interest and specific areas of interest identified during the records review and visual Site reconnaissance. Pertinent information from these interviews is incorporated into this report.

5.1 FEDERAL ENVIRONMENTAL RECORDS

5.1.1 Federal National Priorities List Sites within One Mile

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

5.1.2 Federal CERCLIS Sites within One-Half Mile

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies, and 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. According to the environmental database report, the USAR Center is not a CERCLIS site and there are no CERCLIS sites within one-half mile of the Site.

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

5.1.3 RCRA Corrective Action Sites within One Mile

RCRA Corrective Action (CORRACTS) represent facilities that have generated or managed hazardous wastes and require corrective action. According to the environmental database report, the USAR Center is not a CORRACTS site and there are no CORRACTS sites within one mile of the Site.

5.1.4 RCRA Transport, Treatment, Store, and/or Disposal Facilities within One-Half Mile

The RCRA Information (RCRAInfo) Database includes selective information on sites that generate, transport, and treat, store, and dispose (TSD) of hazardous waste, as defined by RCRA. According to the environmental database report, the USAR Center is not a RCRA TSD site and there are no RCRA TSD sites within one-half mile of the Site.

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

CESQGs generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. RCRA small-quantity generators (SQGs) are defined as facilities generating between 100 kg and 1,000 kg of hazardous waste per month, while a large-quantity generator (LQG) is defined as a facility generating more than 1,000 kg of hazardous waste, or over 1 kg of acutely hazardous waste per month. According to the environmental database report, the USAR Center is a RCRA CESQG.

As summarized in Table 3, six RCRA SQGs are within one-quarter mile of the Site. The RCRAInfo database did not list violations for the six sites. The RCRA SQG sites are considered to represent a low risk to the Site due to the geology and topography of the area. No RCRA LQGs were identified within one-quarter mile of the Site.

Table 3 RCRA Small Quantity Generator Sites within One-Quarter Mile				
Company/Site	Address	Distance and Direction from Site	Violation Status	Elevation Relative to Site
Southwestern Bell	220 Prospect Avenue	1,107 feet, West-southwest	No violations found	Higher
Hot Springs Rehabilitation Center	105 Reserve Avenue	541 feet, West	No violations found	Lower
Craighead Laundry-Cleaners, Inc.	225 Malvern Avenue	739 feet, Southwest	No violations found	Lower
Pathology Services, Inc.	100 Bridge Street, Suite 35	744 feet, Southwest	No violations found	Lower
Hale Bathhouse	341 Central Avenue	1,167 feet, North-northwest	No violations found	Lower
Superior Bathhouse	329 Central Avenue	1,234 feet, North-northwest	No violations found	Lower

5.1.6 Federal Emergency Response Notification System List

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

5.2 STATE AND LOCAL ENVIRONMENTAL RECORDS

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

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

According to the environmental database report, no solid waste landfills, incinerators, or transfer stations are within one-half mile of the USAR Center, nor are they present on the Site.

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

According to the environmental database report, two leaking UST (LUST) sites are located within one-half mile of the USAR Center. One of the listed facilities is a Ryder Truck Rental facility at 212 Spring Street. This LUST site is approximately 303 feet west-southwest of

the Site and at a lower topographic elevation. According to the environmental database report, a dispenser froze in January 1996 and approximately 50 gallons of product were released to the ground surface. Impacted soil was removed and contained in approximately 20 55-gallon drums. An investigation was completed in June 1996 and a no further action letter generated based on the analytical results. This LUST site is considered to represent a low risk to the Site due to its distance and lower elevation.

The second listed LUST facility is All Care Pharmacy at 922 Central Avenue. This LUST site is approximately 1,729 feet south-southwest of the Site and at a lower topographic elevation. According to the environmental database report, contaminated soil and groundwater were encountered during closure of abandoned tanks at this former service station. A site assessment was conducted in June 2000, and no additional work was requested. The monitoring wells were abandoned and a no further action letter was generated on July 20, 2000. This LUST site is considered a low risk to the Site due to its distance and lower elevation.

5.2.3 State-Registered UST Sites within One-Quarter Mile

USTs are regulated under RCRA Subtitle I and must be registered with the state department responsible for administering the UST program. The environmental database report identified four state-registered UST sites within one-quarter mile. The listed facilities are summarized in Table 4.

5.2.4 State Hazardous Waste Sites within One Mile

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

5.2.5 State Solid Waste Illegal Dumps within One-Half Mile

According to the environmental database report, no illegal dumps have been identified within one-half mile of the USAR Center. There is no illegal dump on the Site.

5.2.6 State AST Sites within One-Quarter Mile

According to the environmental database report, there are no state-registered ASTs on or within one-quarter mile of the USAR Center.

5.2.7 State Emergency Response Incidents Sites

According to the environmental database report, the USAR Center is not listed on the Arkansas emergency response incidents list.

Table 4
Registered UST Sites within One-Quarter Mile

Company/Site	Address	Distance and Direction from Site	Status	Elevation Relative to Site
Ryder Truck Rental	212 Spring Street	303 feet, West-southwest	A 1,000-gallon gasoline UST was taken out of service on November 26, 1991, an 8,000-gallon diesel UST was taken out of service on May 11, 1997, and an 8,000-gallon diesel UST was taken out of service on May 10, 1997.	Lower
Hot Springs Rehabilitation Center	105 Reserve Avenue	541 feet, West	Two 1,504-gallon gasoline USTs were taken out of service on 12/27/98, and one 1,200-gallon gasoline UST was taken out of service on June 14, 1993.	Lower
Lee Beasley LLL	300 Exchange	820 feet, West	Two 1,000-gallon gasoline USTs were taken out of service on July 15, 1996.	Lower
Hot Springs Traffic Department	328 Gulpha	1,252 feet, East-southeast	One 10,000-gallon gasoline UST was taken out of service on January 3, 1996. Two 1,000-gallon USTs containing unknown material were taken out of service on September 14, 2001.	Lower

5.2.8 State-Registered Sites with Engineering or Institutional Controls within One-Half Mile

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. Institutional controls include administrative procedures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post-remediation care requirements intended to prevent exposure to contaminants remaining onsite. According to the environmental database report, there are no state-registered sites with engineering or institutional controls within one-half mile of the Site.

5.2.9 State Voluntary Cleanup Program Sites within One-Half Mile

Brownfields sites are included on the Superfund Voluntary Cleanup, Oversight, and Assistance Program listing. Also includes sites for which incentives have been offered by the state for remediating oil- and gas-related pollutants by participants, as long as they did not cause or contribute to the contamination. Applicants to the program receive a release of liability to the state in exchange for a successful cleanup. According to the environmental database report, there are no voluntary action program sites within one-half mile of the Site.

5.2.10 State Brownfields Program Sites within One-Half Mile

Included in the state Brownfields listing are brownfields properties addressed by Cooperative Agreement Recipients and brownfields properties targeted by Targeted Brownfields Assessments (TBAs). The TBA program is designed to assist states, tribes, and municipalities in minimizing the uncertainties of contamination often associated with brownfields. Under the TBA program, USEPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. TBAs supplement and work with other efforts under USEPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. According to the environmental database report, there are no State brownfield sites within one-half mile of the Site.

5.2.11 State Enforcement Sites

According to the environmental database report, the USAR Center is not listed on the enforcement list.

5.2.12 State Poultry Sludge Permit Sites within One-Half Mile

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

5.2.13 State Permit Data System

According to the environmental database report, the USAR Center is not listed on the state permit data system.

5.2.14 State Facility Emission and Stack Data Sites

According to the environmental database report, the USAR Center is not listed on the facility emission and stack list.

5.2.15 State Asbestos Notification of Intent Database Sites

According to the environmental database report, the USAR Center is not listed on the asbestos database.

5.2.16 State-Registered Historical Towngas Sites within One Mile

The Garland Gas and Light Company, also called the Hot Springs Water Co., is located approximately 1,092 feet south of the Site on Valley Street, according to the environmental database report.

5.3 TRIBAL ENVIRONMENTAL RECORDS

There are no identified Indian Reservations identified within one mile of the Site, according to the environmental database search.

5.4 UNMAPPED SITES

The environmental database search yielded 27 unmapped sites. Unmapped sites are those with address information sufficient only to identify the location within the zip code of the target Site. Every effort was made to locate these sites and assess their relevance to this ECP report. Further research was conducted using maps of the Site and surrounding areas. None of the unmapped sites were estimated to be within the corresponding ASTM minimum search distance for the databases on which they are listed.

5.5 SUMMARY OF PROPERTIES EVALUATED TO DETERMINE RISK TO SITE

During review of environmental information summarized in this section, multiple databases and sites were reviewed to evaluate potential risks to the Site. Two LUST sites were identified as potential risks to the Site, as detailed in Section 5.2.2. Based on an evaluation of available information and details concerning the identified sites, both sites are considered low risks to the Site. No "High Risk" sites were identified. "High Risk" properties are those that exhibit significant environmental conditions that have the probability of adversely affecting the environmental conditions at the Site.

6.0 SITE INVESTIGATION AND REVIEW OF HAZARDS

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

6.1 UNDERGROUND STORAGE TANKS/ABOVEGROUND STORAGE TANKS

A closed-in-place fuel UST remains on the Site. The 5,000-gallon UST is located beneath the flammable materials storage building. The tank was filled in place with a sand slurry on July 13, 1990 (RMI, 1998). The ADPC&E issued a letter on November 20, 1998, stating no further action was required.

No ASTs were observed on the Site.

6.2 INVENTORY OF CHEMICALS/HAZARDOUS SUBSTANCES

Janitorial chemicals are generally stored in the janitorial closet, but cleaning supplies were observed in other rooms of the facility, including the Rehabilitation Center Thrift Store. Antifreeze and Breakthrough (Naphthol Spirits) are stored in 55-gallon drums in the POL room. Also stored in the POL room are spray paints, degreasers, and cases of motor oil. Paint in 5-gallon buckets were observed in rooms on the first floor. Engine oil and antifreeze in 55-gallon drums were observed in the hazmat storage shed. Used oil is stored in a 55-gallon drum in the hazmat storage shed. There is no evidence that hazardous substances above RQs were stored for one year or more, released, or disposed at the Site.

No pesticides were observed on the Site. USAR personnel indicated that pesticide control is provided by a contracted service.

6.3 WASTE DISPOSAL SITES

Solid waste is picked up by the City of Hot Springs Sanitation Department and disposed of at the City of Benton Landfill, Permit Number S0195.

6.4 PITS, SUMPS, DRY WELLS, AND CATCH BASINS

The USAR Center operates one OWS on the south side of the maintenance shop. The OWS receives wash/rinse water from the VWR, which is used to military vehicles and equipment. The VWR has a canopy and curbing/speed reducers to reduce the inflow of storm water. EnSafe performed an evaluation of the OWS system in October 1999. The OWS, installed in 1995, consists of a 575-gallon, in-ground, double-walled cylindrical vessel rated for a maximum flow of 35 gallons per minute (gpm). The gravity flow system is designed to produce 15 gpm or less of free oil in the effluent. EnSafe documented numerous upgrades to the OWS which had been completed in an effort to prevent overflow of the system during washing events. The discharge was covered under the city's sewer

use ordinance, which limited the concentration of oil and grease in the effluent to 150 milligrams per liter. No monitoring or reporting is required.

Despite the upgrades, the OWS continued to overflow during washing events. According to USAR personnel, the original VWR had no OWS and it discharged directly to the sanitary sewer. In 1998, the connection to the sanitary sewer was permanently plugged and vents were added to the OWS. The ground surface surrounding the OWS is concrete, and no staining was observed during TEJV's Site visit. As needed, the OWS is pumped by Safety-Kleen; it was last pumped out on May 8, 2006.

There is a grease trap outside the kitchen; however, the kitchen was not in use during TEJV's Site visit.

On the eastern side of the property are three storm water drains: two are on the northern side of the retaining walls and one storm drain is in the southeastern-most corner of the property. The storm drains discharge to the storm water sewer.

Floor drains in the restrooms and kitchen collect condensate from the chillers/refrigerators and facilitate floor cleaning. Drains are also located in the current platoon storage area, where refrigerators and freezers were historically located. The floor drains discharge into the public sanitary sewer that serves the Site.

6.5 ASBESTOS-CONTAINING MATERIAL

The *Asbestos Building Inspection* report prepared by U.S. Army 90th RRC (1997) identified nonfriable asbestos in the floor tile mastic in the maintenance shop bathroom. USAR personnel stated that the tile in the restroom was redone and that all of the asbestos in the building had been abated. Documentation of the removal of the floor tile mastic was not available.

6.6 PCB-CONTAINING EQUIPMENT

A PCB assessment was conducted in 1997 by the USACHPPM and fluorescent light ballasts were noted as containing PCBs. According to USAR personnel, all of the light ballasts have been replaced. There are no transformers on the Site. According to USAR personnel, all used fluorescent tubes are sent offsite for recycling.

6.7 LEAD-BASED PAINT

Buildings constructed before the DoD ban on the use of LBP in 1978 are presumed to contain LBP. The Administration Building at the USAR Center was completed in 1944 and it is presumed to contain LBP.

As described in the *Report of Findings, Lead-Based Paint and Ozone-Depleting Chemicals Assessment and Management* (ETC Engineers, Inc., 1994), a LBP survey was conducted and 17 areas of LBP were identified. Section 3.5.3 presents the LBP results of this report. During the August 2, 2006 Site reconnaissance, peeling paint was observed in the kitchen area, but LBP was not detected at that location in 1994.

In addition, old existing water supply lines may be constructed of lead. Drinking water outlets at the Site were sampled by USAR personnel for lead and copper on October 14, 1992. The samples were submitted to Environmental Enterprise Group, Inc., for laboratory analysis. The results were below their respective federal treatment technique action levels.

6.8 RADON

Garland County is in the USEPA Radon Zone 2, which has an indoor average level of between 2 pCi/L and 4 pCi/L. Seventeen sites were tested in the 71901 zip code of the Site. The results averaged 1.624 pCi/L, with a maximum of 4.550 pCi/L.

As described in an October 4, 1993, memorandum entitled *Asbestos/Radon Test Results*, the Site was tested for radon from March 20 to November 14, 1989. The results ranged from 0.20 pCi/L to 2.9 pCi/L. The USEPA-recommended residential action level for radon is 4.0 pCi/L.

6.9 UNEXPLODED ORDNANCE

Explosive hazards were not identified at the Site. ADEQ files for the USAR Center contain documentation of an emergency permit for the detonation of military ordnance issued January 12, 1994. However, the ordnance was applicable to the former Southwestern Proving Ground near Hope, Arkansas, and not for the Hot Springs USAR Center. No evidence was found during the Site reconnaissance or records review process of the presence of munitions and explosives of concern. Firearms are stored in a secure arms storage vault.

6.10 RADIOACTIVE MATERIALS

Radiological materials are used in M-8 chemical alarms that are stored on the Site in the north-central portion of the basement in the Nuclear, Biological, and Chemical (NBC) agent cage. Although the radiation sources were not present in the chemical alarms during the Site visit, USAR personnel indicated the radiation sources are stored on Site. The area storage room is identified with a placard. There is no evidence of any release of radiological materials at the Site.

6.11 OTHER IDENTIFIED CONCERNS

USAR personnel stated that, during heavy rainfall events, water seeps into the northeastern corner of the maintenance shop. The water then drains to the storm sewer system from that area by the easternmost drain in the maintenance shop. The road and sidewalk on the north side of the building are sloped toward the building, which causes the water to accumulate against the building.

The retaining walls for the terraces in the MEP area are deteriorating. A photograph provided in Appendix B shows cracks in the walls.

7.0 REVIEW OF SPECIAL RESOURCES

7.1 LAND USE

The Site is zoned commercial. Surrounding properties are used for commercial or residential purposes.

7.2 COASTAL ZONE MANAGEMENT

No coastal zone management plan exists for Arkansas.

7.3 WETLANDS

According to the U.S. Fish and Wildlife Service Branch of Habitat Assessment, Wetlands Information Web site, <http://wetlandsfws.er.usgs.gov>, there are no jurisdictional wetland areas on the Site or adjacent properties, as shown on Figure 12. In addition, an unpublished map titled *Potential Wetlands and Farmed Wetlands Inventory*, dated February 11, 1991, was reviewed at the USDA Garland County office. No wetlands were observed on the Site. Except for a few grassy areas and landscaping limited to a flower bed near the Thrift Store, the Site is covered by concrete, asphalt, or building.

7.4 100-YEAR FLOODPLAIN

FEMA Flood Hazard Area map information included in the environmental database report indicates that the Site lies outside the 100-year floodplain. Review of the FEMA Flood Insurance Map (Figure 13) confirms that the Site is outside the 100-year floodplain.

7.5 NATURAL RESOURCES

A threatened and endangered species habitat analysis was performed by Parsons Engineering Science, Inc., in 2005. The survey determined that there was no suitable habitat for listed species because of prior and existing Site land use.

7.6 CULTURAL RESOURCES

An historical and architectural assessment was performed at the Site by Parsons Engineering Science, Inc. in 1998. The Administrative Building dates to the 1940s and was originally clad in red brick. In 1990, the brick was sandblasted and brown stucco material was applied changing the exterior appearance of the building. The stucco material is permanently affixed. Because of the loss of integrity, the building was not recommended for listing in the National Register of Historic Places. Concurrence from the Arkansas State Historic Preservation Office on the lack of eligibility was provided in the Parsons report (Parsons, 1998). Parsons also performed a cultural resources survey and no cultural resource issues were identified at the USAR Center.

8.0 CONCLUSIONS

TEJV, under contract to the USACE, Louisville District, has prepared this ECP Report for the Hot Springs USAR Center (Facility ID AR020), at 200 Reserve Street in Hot Springs, Garland County, Arkansas. The USAR Center is on 1.43 acres of land with three permanent structures: a 34,632-square-foot Administration Building, a 36-square-foot flammable materials storage structure, and a 108-square-foot hazmat storage building. The Site is currently occupied by the 489th Engineering Battalion Company, Combat Mechanized Engineers.

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

- **Hazardous Substances.** Chemicals containing CERCLA hazardous substances would have historically been used and stored at the Site by the Army in amounts necessary to support unit-level vehicle and building maintenance activities. However, the quantities stored for one year or more would not have exceeded 1,000 kg or the RQ of designated hazardous substances, or one kg of acutely hazardous waste. There is no documentation as to whether the Hotel Eastman laundry performed dry cleaning services. Solvents, including Stoddard solvent and tetrachloroethylene, which were not observed during the Site visit, are commonly used to perform dry cleaning and have unique physical and chemical properties that allow them to migrate readily through media such as concrete, soil, and groundwater. In addition, use of oils and fuel for the Dynamo Room and the Kingsway Garage and Eastman Garages are not known.
- **USTs/ASTs.** A closed-in-place 5,000-gallon UST remains on the Site. The tank could not be removed because of its proximity to the Administrative Building. The ADPC&E issued a letter on November 20, 1998, stating no further action was required concerning closure of the UST.
- **Non-UST/AST Petroleum Storage.** Petroleum storage would have occurred in designated areas within the POL storage shed or hazardous materials storage.
- **PCBs.** There are no electrical service transformers on the Site. Fluorescent lighting fixtures were identified in the USACHPPM report (1997) as having PCB-containing ballasts. USAR personnel stated all fluorescent lighting fixtures had been replaced and used fluorescent tubes were sent offsite for recycling.
- **ACM.** The *Asbestos Building Inspection* report prepared by U.S. Army 90th RRC (1997) identified nonfriable asbestos in the floor tile mastic in the maintenance shop bathroom. USAR personnel stated that the tile in the restroom was redone and that

all of the asbestos in the building had been abated. Documentation of the removal of the floor tile mastic was not available.

- **LBP.** ETC Engineers, Inc., performed a LBP assessment at the USAR Center. Laboratory analysis of samples identified 17 areas of concern. The report recommended stripping of the paint in those areas followed by repainting. However, documentation of LBP stripping was not provided. Except for one area of peeling paint in the kitchen, painted surfaces at the Site were observed to be in good condition during the Site reconnaissance.
- **Radiological Materials.** Radiological materials are used in M-8 chemical alarms that are stored on the Site. The NBC agent cage located in the north central corner of the basement is identified with a placard. The radiation sources were not present in the chemical alarms during the Site visit. There is no evidence of any release of radiological materials at the Site.
- **Radon.** Site-specific radon testing in 1989 detected no levels above the USEPA-recommended residential action level of 4.0 pCi/L.
- **Munitions and Explosives.** No evidence was found during the Site reconnaissance or records review process of the past presence of munitions and explosives of concern. Firearms are stored in a secure arms storage vault. ADEQ files for the USAR Center contain documentation of an emergency permit for the detonation of military ordnance issued January 12, 1994. However, the ordnance was applicable to the former Southwestern Proving Ground near Hope, Arkansas, and not for the Hot Springs USAR Center.
- **Surrounding Properties.** Potential environmental sites of concern, located within corresponding ASTM minimum search distances from the Site, were evaluated. Land use at the adjacent properties does not appear to have changed significantly over the years and does not appear to have impacted the environmental conditions of the USAR Center.

Areas of potential environmental concern were reviewed and the TEJV found no significant concerns relating to the environmental condition of the Site. In accordance with DoD policy defining the classifications (see S.W. Goodman Memorandum dated October 21, 1996), the Site has been classified as Category 2. This classification does not include categorizing the property based on *de minimis* conditions that generally do not present material risk of harm to the public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

9.0 REFERENCES

PERSONS CONTACTED

- Jennifer Ryals, City of Hot Springs Tax Assessor, (501) 622-3730.
- Cathy Sellman, Planning Director, City of Hot Springs (501) 321-6855.
- Bill Sexton, Facility Coordinator, Hot Springs USAR Center, (501) 623, 8931.
- Linda Carver, USDA, Garland County Farm Service Agency (501) 624-2574, extension 100.

RESOURCES CONSULTED

- Arkansas Department of Pollution and Ecology. Letter concerning: *In Place Closure of 1 Tank*. November 20, 1998.
- Arkansas Regulated UST database, http://www.adeq.state.ar.us/rst/tankstats/quick_stat.asp.
- Department of the Army, Company A, 489th Engineer Battalion. *Corrective Action Plan, Environmental Assessment*. August 30, 1993.
- Department of the Army, Headquarters 122D U.S. Army Reserve Command. *Memorandum with asbestos and radon data for Hot Springs USAR Center*. October 4, 1993.
- Department of the Army, Headquarters 122D U.S. Army Reserve Command. *Memorandum with lead and copper water tests for Hot Springs USAR Center* November 8, 1993.
- Department of the Army, 90th Regional Support Command. Asbestos Building Inspection, Hot Springs U.S. Army Reserve Center, Hot Springs, Arkansas. January 1997.
- ECCI. *Environmental Baseline Survey*, Hot Springs U.S. Army Reserve Center. February 2005.
- Environmental Data Resources Inc. 440 Wheelers Farms Road, Milford, Connecticut 06461.
- EnSafe Inc. *Oil-Water Separator Evaluation*. May 5, 2000.

- ETC Engineers, Inc. *Report of Findings, Lead-Based Paint and Ozone Depleting Chemicals Assessment and Management*. January 1994.
- Federal Emergency Management Act, Flood Insurance Rate Map, <http://msc.fema.gov/webapp/wcs/stores/servlet/FemaWelcomeView>
- Goodman, S.W. *Memorandum: Clarification of "Uncontaminated" Environmental Condition of Property at Base Realignment and Closure (BRAC) Installations*. October 21, 1996.
- NETR-Real Estate Research & Information, 2055 East Rio Salado Parkway, Tempe, Arizona, 85281. *Historical Chain-of-Title Report*. Project No. N06-4895. August 1, 2006.
- Parsons Engineering Science, Inc. *Management Summary, Cultural Resources Assessment of 90th Regional Support Command, Facilities in Arkansas, Louisiana, New Mexico, Oklahoma, and Texas* (for Department of the Army, 90th Regional Support Command). February 1998.
- Parsons Engineering Science, Inc. *Historic Architectural Resources Assessment of the 90th Regional Support Command Facilities in Arkansas*. February 1998.
- Parsons Engineering Science, Inc. *Final Phase 2 Threatened and Endangered Species Habitat Analysis of the 90th RRC Facilities* (for the Department of the Army, 90th RRC). August 2005.
- Polk City Directories obtained from the Garland County Public Library for 1915, 1923, 1928, 1930, 1935, 1940, 1942, 1946, 1951, 1958, 1962, 1964, 1968, 1969, 1970, 1975, 1978, 1980, 1985, 1990, and 1995.
- RMI Inc. UST Permanent Closure Report and analytical results. November 10, 1998.
- U.S. Army Center for Health Promotion and Preventive Medicine. *Polychlorinated Biphenyls (PCB) Assessment No. 37-08-5615-97* (for 90th Regional Support Command). September 30, 1997.
- U.S. Department of Agriculture, National Resources Conservation Service, *Web Soil Survey*. <http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>.
- U.S. Department of Agriculture, Garland County Farm Service Agency. Aerial photographs dated 1974, 1984, 1994, and 2001; *Potential Wetlands and Farmed Wetlands Inventory* (February 1991, unpublished).

- U.S. Department of the Interior, National Park Service (2002). *The Hot Springs of Arkansas through the Years: a Chronology of Hot Springs Events*, <http://www.nps.gov/hosp/expanded/newhotsprings/history/chronology2.htm>.
- U.S. Fish & Wildlife Services, Branch of Habitat Assessment, *National Wetlands Inventory Wetlands Mapper*. <http://wetlandsfws.er.usgs.gov/wtlnds/launch.html>.
- U.S. Environmental Protection Agency, Map of Radon Zones, <http://www.epa.gov/radon/zonemap.html>.
- U.S. Geological Survey, (2006). *Characteristics of Thermal Springs and the Shallow Groundwater System at Hot Springs National Park, Arkansas*.

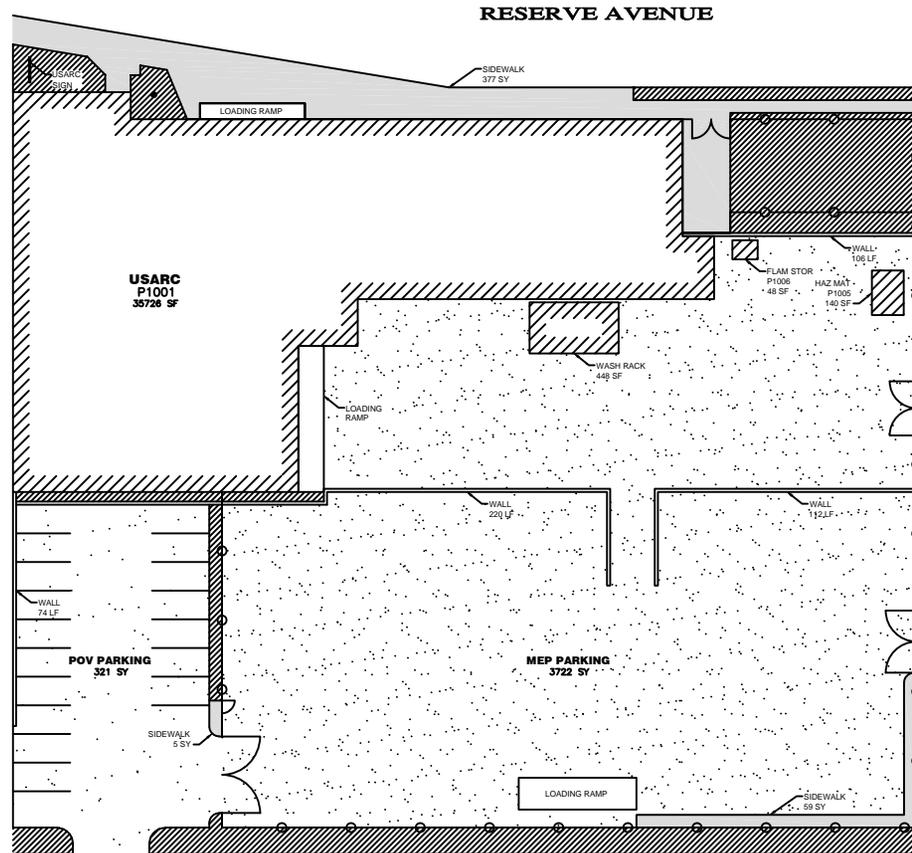
Agencies Contacted

- City of Hot Springs Tax Assessor's Office
- Garland County Public Library
- U.S. Department of Agriculture, Garland County Farm Service Agency
- Arkansas Department of Environmental Quality

Appendix A
Figures

FIGURES

Figure 1	General Site Location Map
Figure 2	Site Layout Plan
Figure 3	1894 Topographic Map
Figure 4	1912 Topographic Map
Figure 5	1966 Topographic Map
Figure 6	1976 Topographic Map
Figure 7	1940 Aerial Photograph
Figure 8	1974 Aerial Photograph
Figure 9	1984 Aerial Photograph
Figure 10	1994 Aerial Photograph
Figure 11	2001 Aerial Photograph
Figure 12	Wetland Map
Figure 13	FEMA Flood Insurance Rate Map Wetlands

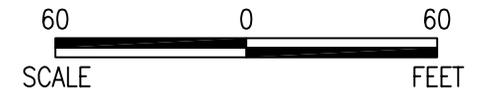


TOTALS

FENCING:	1137 LF
GATES:	78 LF
SIDEWALKS:	441 SY
EXT LIGHTING:	N/A
ROADS:	423 SY
POV PARKING:	321 SY
POV UNPAVED:	N/A
MEP PARKING:	3722 SY
MEP UNPAVED:	N/A
GRASS:	5714 SY

LEGEND

SYMBOL	DESCRIPTION	CAT. CODE
	MEP PARKING	85210
	MEP PARKING (UNPAVED)	85211
	POV PARKING	85215
	GRASS	-
	SIDEWALK	85220
	FENCE LINE	87210
	FLAG POLE	69010
	EXTERIOR LIGHTING	81230



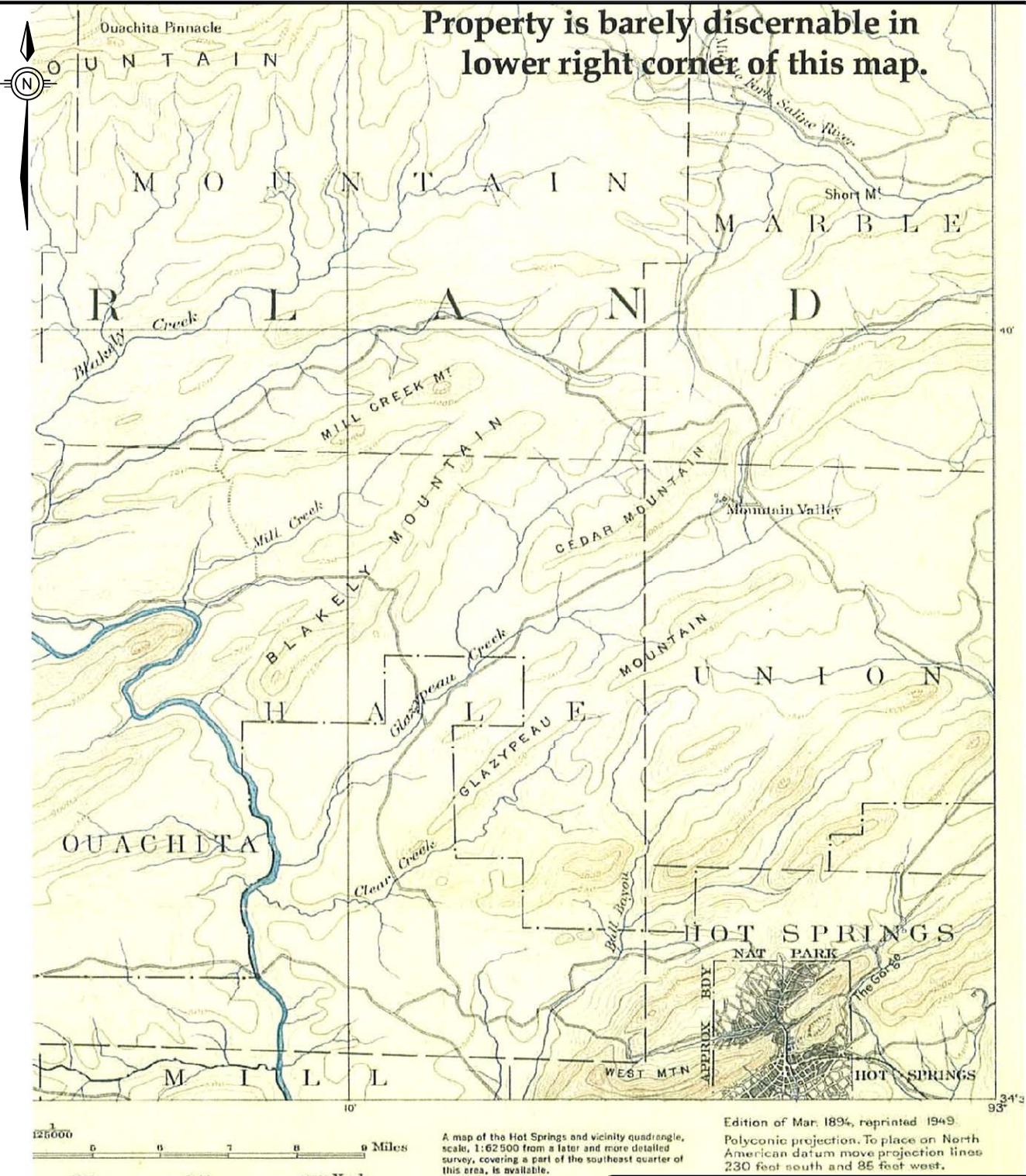
SOURCE:
MORSE CADD & SERVICES
(AUGUST 6, 2002)

FIGURE 2
SITE LAYOUT PLAN
ENVIRONMENTAL CONDITION OF PROPERTY
HOT SPRINGS USARC
HOT SPRINGS, ARKANSAS

REQUESTED BY: HARRIS
DRAWN BY: WOOSLEY
DWG DATE: 08/24/06
DWG NO: 802978W012



I:\PROJECTS-BST\0888802978_enviro\BRAC\enviro\BRAC_data\802978W039_AR020_1894_TOPO_AR020_HOT_SPRINGS_AR.dwg 9/7/2006 8:01:03 AM CST



A map of the Hot Springs and vicinity quadrangle, scale, 1:62 500 from a later and more detailed survey, covering a part of the southeast quarter of this area, is available.

Edition of Mar. 1894, reprinted 1949
Polyconic projection. To place on North American datum move projection lines 230 feet south and 85 feet west.

FIGURE 3
1894 TOPOGRAPHIC MAP
ENVIRONMENTAL CONDITION OF PROPERTY
HOT SPRINGS USARC
HOT SPRINGS, ARKANSAS

MAP SOURCE:
U.S.G.S. TOPOGRAPHIC MAP
ECCL, 2005
HOT SPRINGS, ARKANSAS

NOT TO SCALE

REQUESTED BY:	HARRIS
DRAWN BY:	WOOSLEY
DWG DATE:	08/31/06
DWG NO:	802978W039



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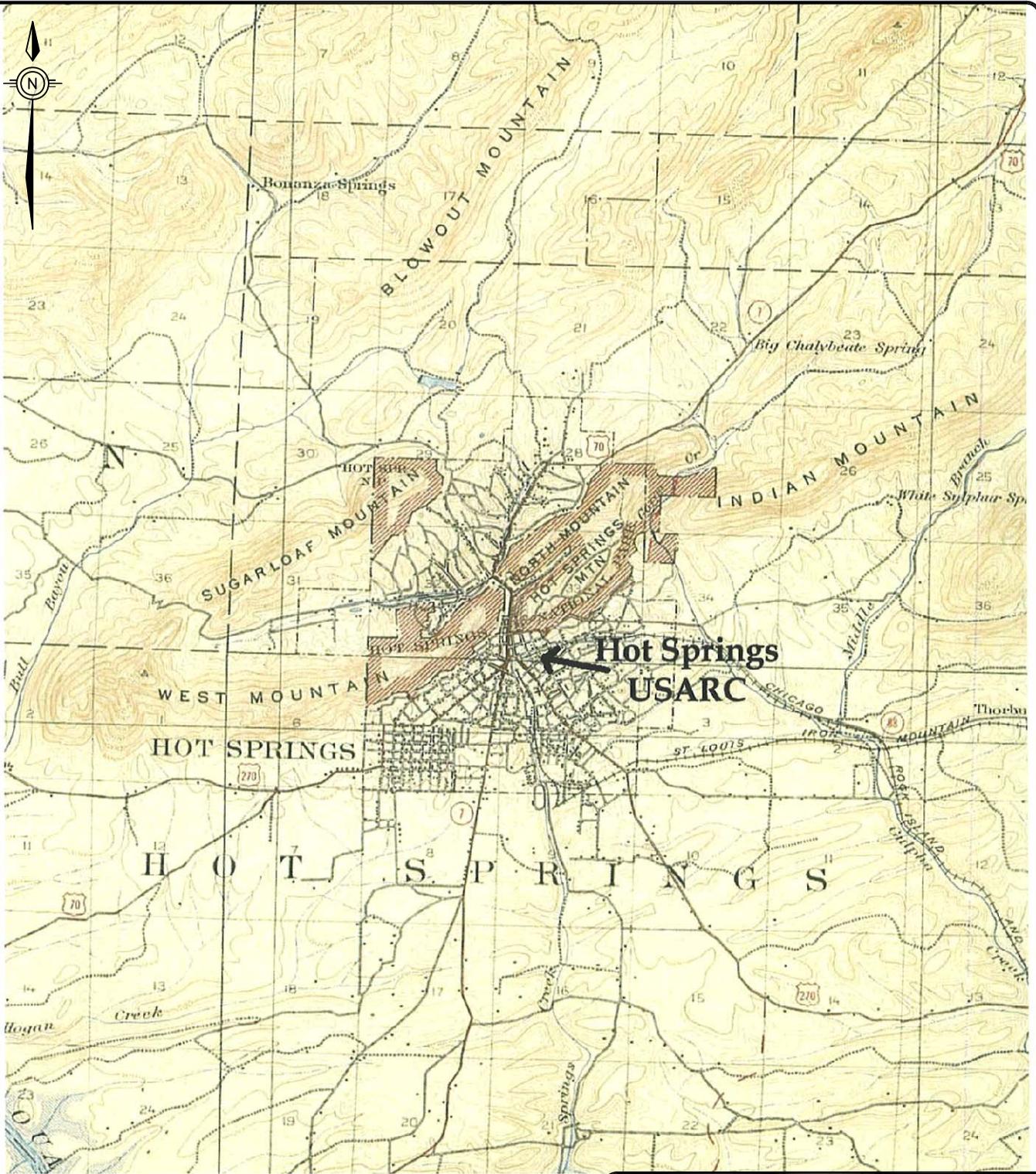


FIGURE 4
 1912 TOPOGRAPHIC MAP
 ENVIRONMENTAL CONDITION OF PROPERTY
 HOT SPRINGS USARC
 HOT SPRINGS, ARKANSAS

MAP SOURCE:
 U.S.G.S. TOPOGRAPHIC MAP
 ECC1, 2005
 HOT SPRINGS, ARKANSAS

NOT TO SCALE

REQUESTED BY: HARRIS

DRAWN BY: WOOSLEY

DWG DATE: 08/31/06

DWG NO: 802978W040



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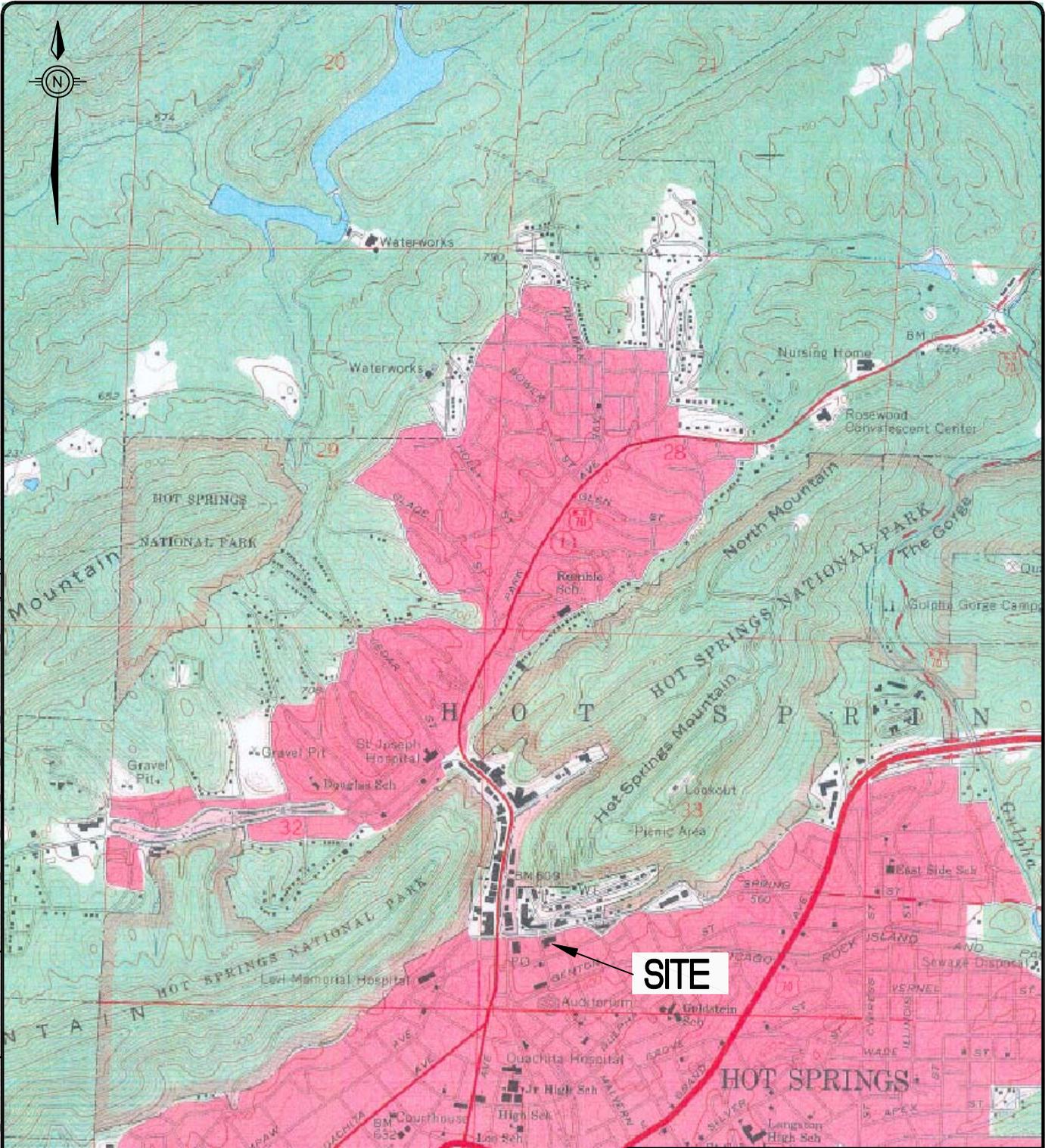


FIGURE 5
1966 TOPOGRAPHIC MAP
ENVIRONMENTAL CONDITION OF PROPERTY
HOT SPRINGS USARC
HOT SPRINGS, ARKANSAS

MAP SOURCE:
U.S.G.S. 7.5 MINUTE QUADRANGLE
ENVIRONMENTAL DATA RESOURCES, INC.
HOT SPRINGS, ARKANSAS

REQUESTED BY: HARRIS
DRAWN BY: WOOSLEY
DWG DATE: 08/31/06
DWG NO: 802978W041



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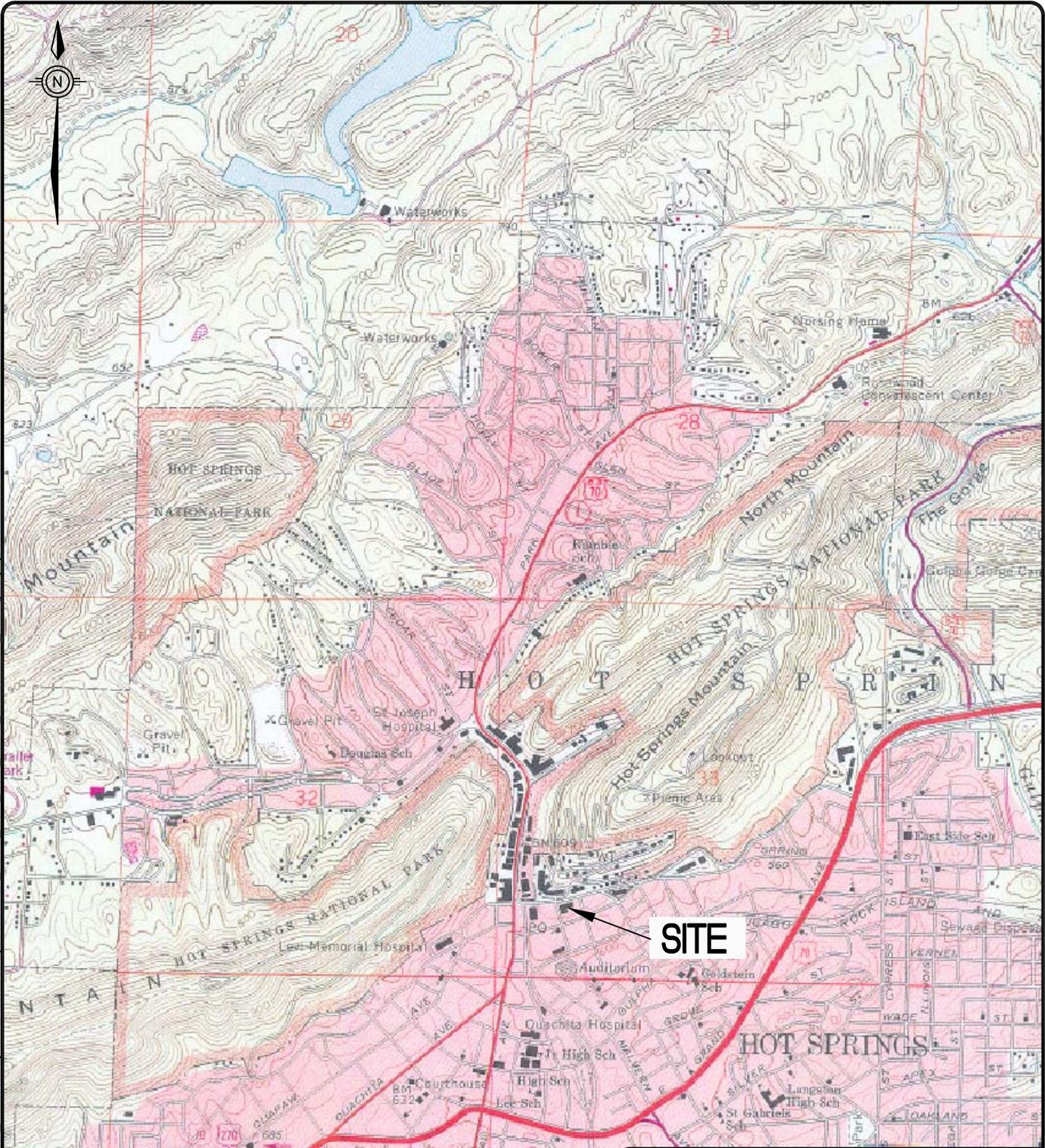


FIGURE 6
 1976 TOPOGRAPHIC MAP
 ENVIRONMENTAL CONDITION OF PROPERTY
 HOT SPRINGS USARC
 HOT SPRINGS, ARKANSAS

REQUESTED BY: HARRIS	
DRAWN BY: WOOSLEY	
DWG DATE: 08/31/06	
DWG NO: 802978W042	

MAP SOURCE:
 U.S.G.S. 7.5 MINUTE QUADRANGLE
 ENVIRONMENTAL DATA RESOURCES, INC.
 HOT SPRINGS, ARKANSAS

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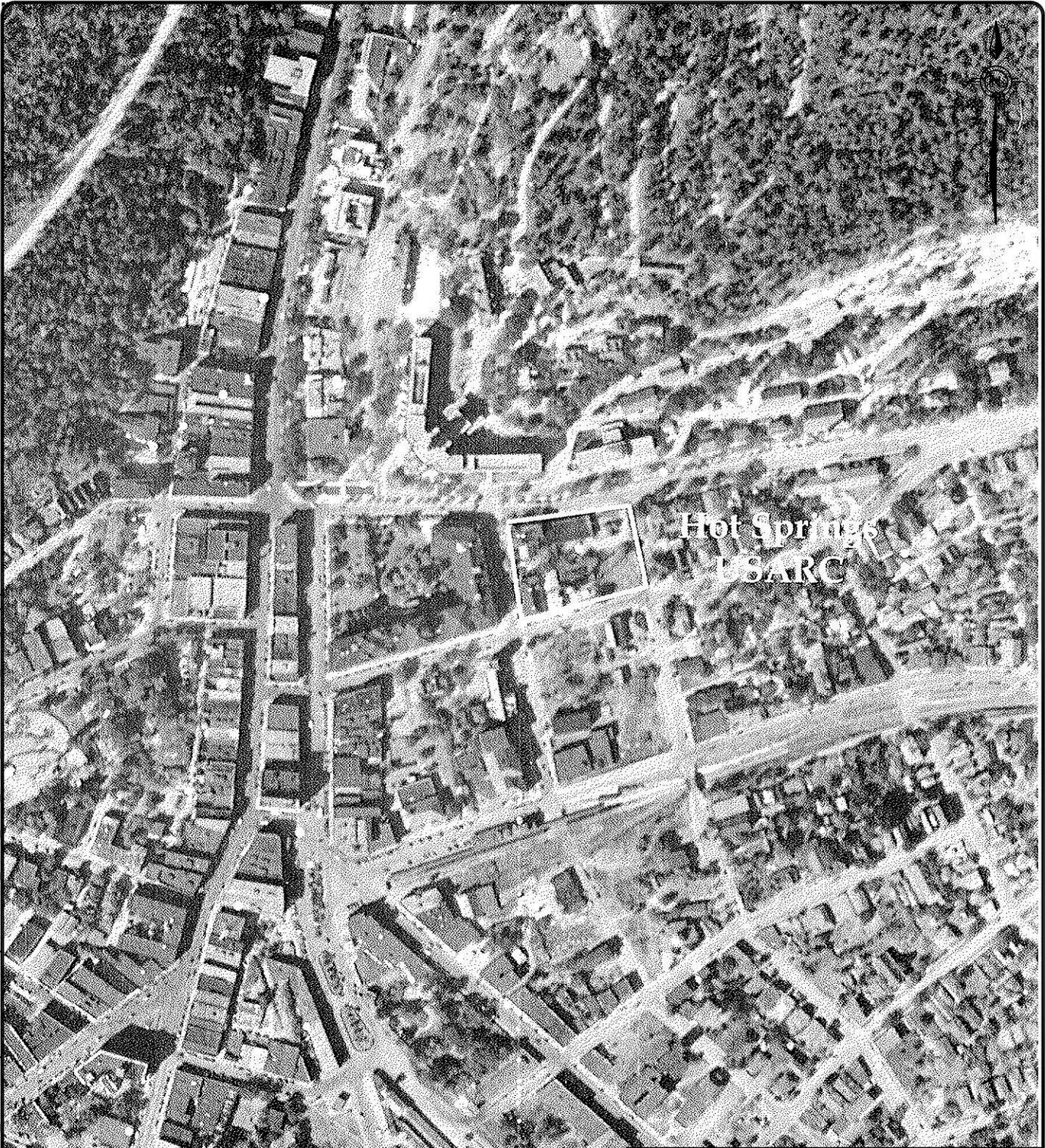


FIGURE 7
1940 AERIAL PHOTOGRAPH
ENVIRONMENTAL CONDITION OF PROPERTY
HOT SPRINGS USARC
HOT SPRINGS, ARKANSAS

SOURCE:
90th RRC
ECCL, 2005

NOT TO SCALE

REQUESTED BY: HARRIS

DRAWN BY: WOOSLEY

DWG DATE: 08/31/06

DWG NO: 802978W043



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FIGURE 8
1974 AERIAL PHOTOGRAPH
ENVIRONMENTAL CONDITION OF PROPERTY
HOT SPRINGS USARC
HOT SPRINGS, ARKANSAS

SOURCE:
USDA FARM SERVICE AGENCY

NOT TO SCALE

REQUESTED BY: HARRIS

DRAWN BY: WOOSLEY

DWG DATE: 08/31/06

DWG NO: 802978W044



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SITE

3

FIGURE 9
1984 AERIAL PHOTOGRAPH
ENVIRONMENTAL CONDITION OF PROPERTY
HOT SPRINGS USARC
HOT SPRINGS, ARKANSAS

SOURCE:
USDA FARM SERVICE AGENCY

NOT TO SCALE

REQUESTED BY: HARRIS

DRAWN BY: WOOSLEY

DWG DATE: 08/31/06

DWG NO: 802978W045



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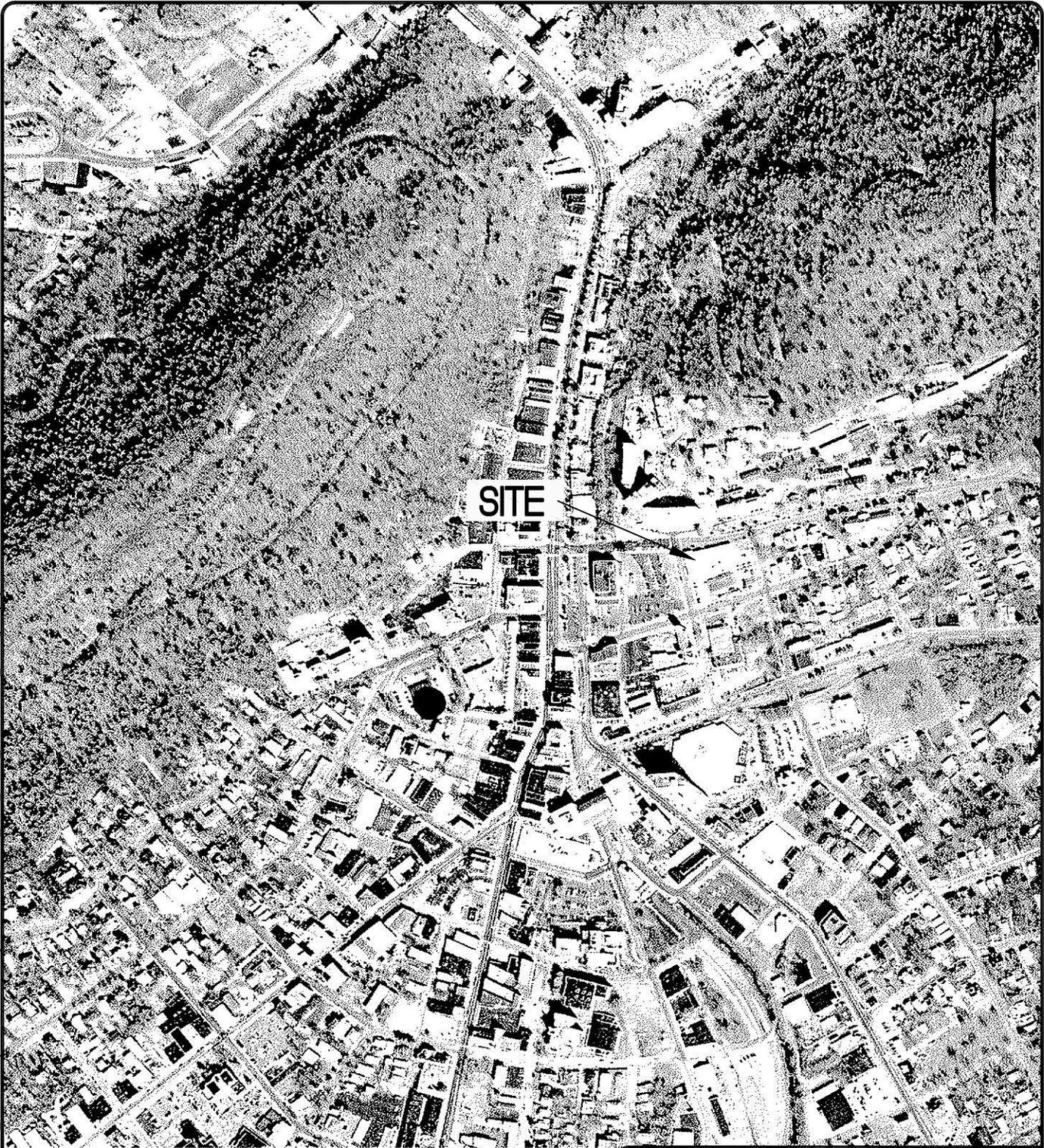


FIGURE 10
1994 AERIAL PHOTOGRAPH
ENVIRONMENTAL CONDITION OF PROPERTY
HOT SPRINGS USARC
HOT SPRINGS, ARKANSAS

SOURCE:
USDA FARM SERVICE AGENCY

NOT TO SCALE

REQUESTED BY: HARRIS

DRAWN BY: WOOSLEY

DWG DATE: 08/31/06

DWG NO: 802978W046



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FIGURE 11
2001 AERIAL PHOTOGRAPH
ENVIRONMENTAL CONDITION OF PROPERTY
HOT SPRINGS USARC
HOT SPRINGS, ARKANSAS

SOURCE:
USDA FARM SERVICE AGENCY

NOT TO SCALE

REQUESTED BY: HARRIS

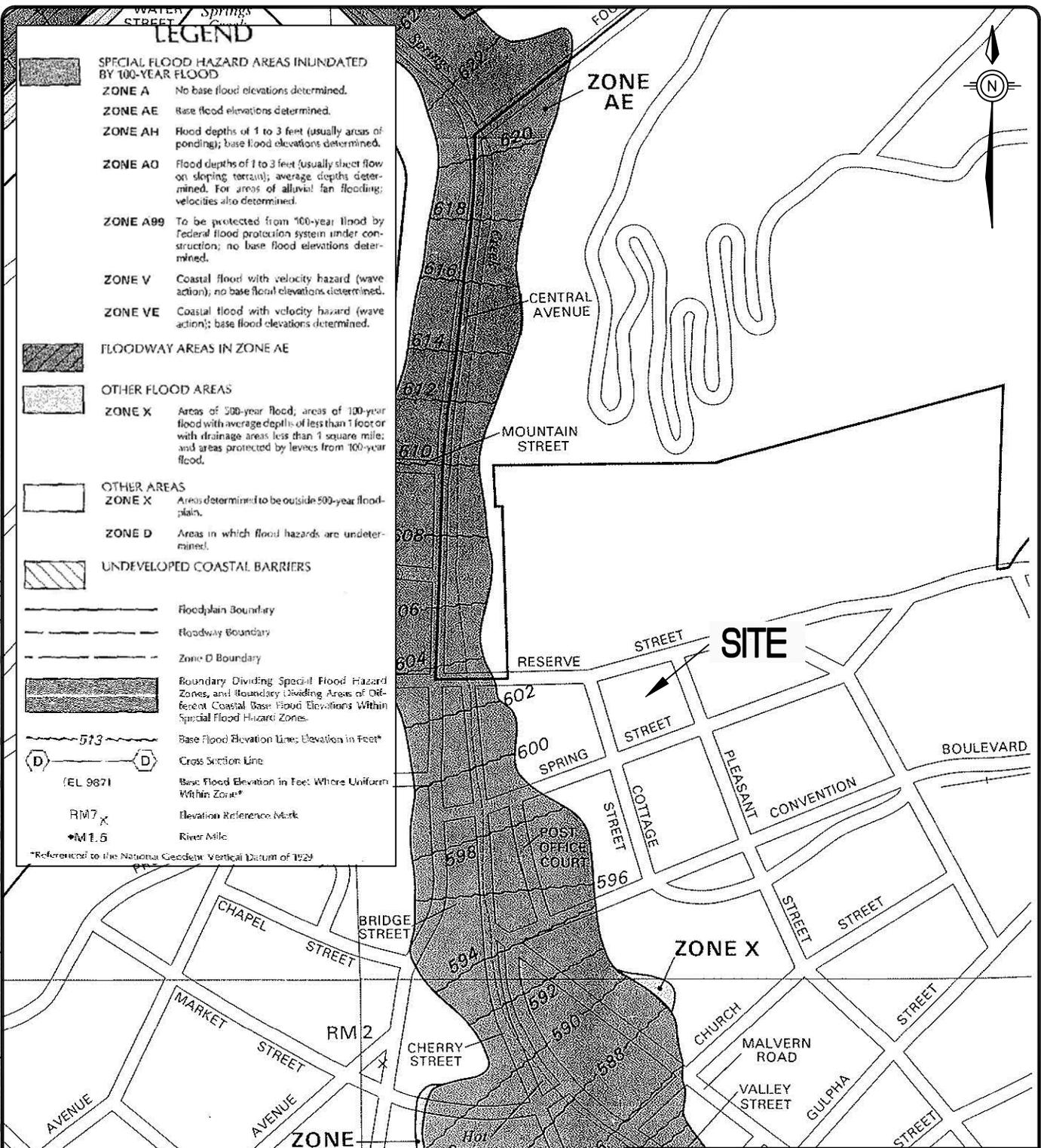
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DWG DATE: 08/31/06

DWG NO: 802978W047



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LEGEND

SPECIAL FLOOD HAZARD AREAS INUNDATED BY 100-YEAR FLOOD

- ZONE A** No base flood elevations determined.
- ZONE AE** Base flood elevations determined.
- ZONE AH** Flood depths of 1 to 3 feet (usually areas of ponding); base flood elevations determined.
- ZONE AO** Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding; velocities also determined.
- ZONE A99** To be protected from 100-year flood by Federal flood protection system under construction; no base flood elevations determined.
- ZONE V** Coastal flood with velocity hazard (wave action); no base flood elevations determined.
- ZONE VE** Coastal flood with velocity hazard (wave action); base flood elevations determined.

FLOODWAY AREAS IN ZONE AE

OTHER FLOOD AREAS

- ZONE X** Areas of 500-year flood; areas of 100-year flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 100-year flood.

OTHER AREAS

- ZONE X** Areas determined to be outside 500-year floodplain.
- ZONE D** Areas in which flood hazards are undetermined.

UNDEVELOPED COASTAL BARRIERS

Floodplain Boundary
 Floodway Boundary
 Zone D Boundary

Boundary Dividing Special Flood Hazard Zones, and Boundary Dividing Areas of Different Coastal Base Flood Elevations Within Special Flood Hazard Zones

Base Flood Elevation Line; Elevation in Feet*

Cross Section Line

(EL 9871) Base Flood Elevation in Feet; Where Uniform Within Zone*

RM7 x Elevation Reference Mark

*M 1.5 River Mile

*Referenced to the National Geodetic Vertical Datum of 1929

FIGURE 13
FEMA FLOOD INSURANCE RATE MAP
ENVIRONMENTAL CONDITION OF PROPERTY
HOT SPRINGS USARC
HOT SPRINGS, ARKANSAS

REQUESTED BY: HARRIS	 B(a) joint venture
DRAWN BY: WOOSLEY	
DWG DATE: 09/07/06	
DWG NO: 802978W048	

SOURCE:
 FEMA FLOOD INSURANCE RATE MAP

NOT TO SCALE

Appendix B
Site Reconnaissance Photos

**Hot Springs USAR Center (AR020)
200 Reserve Street
Hot Springs, Arkansas**



Photo 1: Facing north along the northern Hot Springs USAR Center property boundary. The Hot Springs Rehabilitation Center is across Reserve Street from the Site.



Photo 2: Facing north along northern USAR Center property boundary and another view of the rehab center.

**Hot Springs USAR Center (AR020)
200 Reserve Street
Hot Springs, Arkansas**



Photo 3: Facing north along west Site boundary on Opera Street. Hot Springs Rehabilitation Center is across Reserve Street from the Site. Note the transformer on the west side of Opera Street.



Photo 4: Facing west from the west Site boundary. The Federal building and parking lot is west of the Site across Opera Street.

**Hot Springs USAR Center (AR020)
200 Reserve Street
Hot Springs, Arkansas**



Photo 5: Facing southwest from the southwest corner of Site. St. Luke's Episcopal Church is at southwest corner of Spring and Opera Streets.



Photo 6: Facing south from the southwest corner of the Site. Across Spring Street is the Sentinel Record building.

**Hot Springs USAR Center (AR020)
200 Reserve Street
Hot Springs, Arkansas**



Photo 7: Facing southwest from the southeast corner of the Site. Across Spring Street is a vacant lot, east of the Sentinel Record building.



Photo 8: Facing east from the southeast corner of the Site. Across Civic Street is a residential area.

**Hot Springs USAR Center (AR020)
200 Reserve Street
Hot Springs, Arkansas**



Photo 9: Facing east from the northeast corner of the Site. Across Civic Street is a vacant lot, then a residence.



Photo 10: Looking east at the northern side of the USAR Center building and entrance.

**Hot Springs USAR Center (AR020)
200 Reserve Street
Hot Springs, Arkansas**



Photo 11: View of the maintenance shop looking east.



Photo 12: Floor drain in maintenance shop. There are three of these drains which connect to the main collection drain.

Hot Springs USAR Center (AR020)
200 Reserve Street
Hot Springs, Arkansas



Photo 13: Main collection drain in maintenance shop.



Photo 14: Facing west. From left to right is a view of the wash rack, a roll-up door to the maintenance shop, and the POL storage room (yellow sign on door). The abandoned in place UST is believed to be partially covered by the POL storage room.

Hot Springs USAR Center (AR020)
200 Reserve Street
Hot Springs, Arkansas



Photo 15: Interior of POL storage room. Note booms around drums and concrete threshold.



Photo 16: Southeast corner of POL storage room, where UST was formerly located. A flammable storage locker is visible to the east.

**Hot Springs USAR Center (AR020)
200 Reserve Street
Hot Springs, Arkansas**



Photo 17: M-8 chemical alarms which contain radioactive source.



Photo 18: New asphalt area is the former location of the gymnasium and Hotel Eastman laundry.

**Hot Springs USAR Center (AR020)
200 Reserve Street
Hot Springs, Arkansas**



Photo 19: Looking northwest at a deteriorating retaining wall and an area of discoloration on the concrete.



Photo 20: View of floor tile in the maintenance shop restroom.

Appendix C
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

HISTORICAL CHAIN OF TITLE REPORT

**HOT SPRINGS USARC
200 RESERVE STREET
HOT SPRINGS, ARKANSAS**

Submitted to:

TERRAINE, INC.
4002 Sutherland Ave
Knoxville, Tennessee 37919
(800) 531-1242

Attention: James Young

Project No. N06-4897

Tuesday, August 01, 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:

All those certain pieces or parcels of land being Lots 1, 2, 3, 4, 5, and 6, Block 84, Hot Springs Reservation, situated and lying in Section 33, Township 2 South, Range 19 West in the City of Hot Springs, Garland County, State of Arkansas.

Assessor's Parcel Number: 00333950084001000

1. HISTORICAL CHAIN OF TITLE

CHAIN ONE: Conveys a portion of the property.

1. WARRANTY DEED:

RECORDED: 01-08-1903
GRANTOR: L. G. Blasdel
GRANTEE: New York Hotel Company
INSTRUMENT: Bk 36, Pg 28

2. WARRANTY DEED:

RECORDED: 03-16-1908
GRANTOR: New York Hotel Company
GRANTEE: Mary I. McLain
INSTRUMENT: Bk 75, Pg 118

3. WARRANTY DEED:

RECORDED: 05-04-1938
GRANTOR: Mary I. McLain
GRANTEE: Grace Maroney
INSTRUMENT: Bk 224, Pg 223

4. WARRANTY DEED:

RECORDED: 05-16-1942
GRANTOR: Grace Maroney
GRANTEE: Mac Shreffler and Mary T. Shreffler
INSTRUMENT: Bk 244, Pg 581

5. WARRANTY DEED:

RECORDED: 03-19-1947
GRANTOR: Mary T. Shreffler
GRANTEE: United States of America
INSTRUMENT: Bk 280, Pg 381

CHAIN TWO: Conveys a portion of the property.

6. WARRANTY DEED:

RECORDED: 09-06-1889
GRANTOR: W. H. Gaines and Maria Gaines, husband and wife
GRANTEE: New York Hotel Company
INSTRUMENT: Bk Y, Pg 643

7. WARRANTY DEED:
RECORDED: 01-08-1903
GRANTOR: L. G. Blasdel
GRANTEE: New York hotel Company
INSTRUMENT: Bk 36, Pg 28
8. WARRANTY DEED:
RECORDED: 01-18-1938
GRANTOR: New York hotel Company
GRANTEE: The Eastman Company
INSTRUMENT: Bk 222, Pg 533
9. WARRANTY DEED:
RECORDED: 10-09-1942
GRANTOR: The Eastman Company
GRANTEE: H. Grady Manning, et al
INSTRUMENT: Bk 248, Pg 14
10. JUDGMENT:
RECORDED: 05-01-1943
GRANTOR: Eastman Company, et al
GRANTEE: United States of America
INSTRUMENT: Bk 250, Pg 3

CHAIN THREE: Conveys a portion of the property.

11. WARRANTY DEED:
RECORDED: 05-22-1889
GRANTOR: A. B. Gaines
GRANTEE: New York Hotel Company
INSTRUMENT: Bk Z, Pg 31
12. WARRANTY DEED:
RECORDED: 01-18-1938
GRANTOR: New York hotel Company
GRANTEE: The Eastman Company
INSTRUMENT: Bk 222, Pg 533
13. WARRANTY DEED:
RECORDED: 10-09-1942
GRANTOR: The Eastman Company
GRANTEE: H. Grady Manning, et al
INSTRUMENT: Bk 248, Pg 14

14. JUDGMENT:

RECORDED: 05-01-1943
GRANTOR: Eastman Company, et al
GRANTEE: United States of America
INSTRUMENT: Bk 250, Pg 3

CHAIN FOUR: Conveys a portion of the property.

15. WARRANTY DEED:

RECORDED: 05-10-1893
GRANTOR: A. B. Gaines
GRANTEE: M. A. McCrary
INSTRUMENT: Bk 12, Pg 375

16. COMMISSIONER'S DEED:

RECORDED: 01-27-1936
GRANTOR: Defendants George W. Gates and George W. Gates,
Executor of the Estate of Mattie A. McCrary
GRANTEE: Arkansas National Bank of Hot Springs
INSTRUMENT: Bk 204, Pg 331

17. SPECIAL WARRANTY DEED:

RECORDED: 01-28-1937
GRANTOR: Arkansas National Bank of Hot Springs
GRANTEE: Charles W. Hoblik and Monica B. Hoblik, husband and
wife
INSTRUMENT: Bk 213, Pg 378

18. JUDGMENT:

RECORDED: 02-14-1944
GRANTOR: Charles W. Hoblik, et al
GRANTEE: United States of America
INSTRUMENT: Bk 252, Pg 455

CHAIN FIVE: Conveys a portion of the property.

19. WARRANTY DEED:

RECORDED: 03-30-1898
GRANTOR: James R. Pierce
GRANTEE: George R. King
INSTRUMENT: Bk 26, Pg 302

20. WARRANTY DEED:

RECORDED: 04-05-1933
GRANTOR: George R. King and Eugenie L. King, husband and wife
GRANTEE: James R. Pierce
INSTRUMENT: Bk 198, Pg 176

21. WARRANTY DEED:

RECORDED: 04-10-1933
GRANTOR: Lewis H. Palmer
GRANTEE: Eugenie L. King
INSTRUMENT: Bk 198, Pg 179

22. SPECIAL MASTER'S DEED:

RECORDED: 02-25-1941
GRANTOR: Lee Cazort, Special Master
GRANTEE: Alfred F. King, Executor and Trustee
INSTRUMENT: Bk 237, Pg 387

23. QUITCLAIM DEED:

RECORDED: 06-03-1941
GRANTOR: Alfred F. King, Executor under the Will of George R.
King, deceased
GRANTEE: Elmer H. Gourley
INSTRUMENT: Bk 238, Pg 295

24. QUITCLAIM DEED:

RECORDED: 06-03-1941
GRANTOR: Elmer H. Gourley
GRANTEE: Kenneth Schweer and Elizabeth B. Schweer, husband
and wife
INSTRUMENT: Bk 239, Pg 296

25. JUDGMENT:

RECORDED: 11-13-1943
GRANTOR: Kenneth Schweer and Elizabeth B. Schweer, husband
and wife
GRANTEE: United States of America
INSTRUMENT: Bk 251, Pg 605

2. LEASES AND MISCELLANEOUS

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

3. LIMITATION

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APPENDIX E
REGULATORY DATABASE SEARCH RESULTS



EDR® Environmental
Data Resources Inc

The EDR Radius Map with GeoCheck®

**Hot Springs USARC
200 Reserve Street
Hot Springs, AR 71901**

Inquiry Number: 1718384.2s

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

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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

200 RESERVE STREET
HOT SPRINGS, AR 71901

COORDINATES

Latitude (North): 34.511400 - 34° 30' 41.0"
Longitude (West): 93.051500 - 93° 3' 5.4"
Universal Transverse Mercator: Zone 15
UTM X (Meters): 495272.7
UTM Y (Meters): 3818666.5
Elevation: 625 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 34093-E1 HOT SPRINGS NORTH, AR
Most Recent Revision: 1976

South Map: 34093-D1 HOT SPRINGS SOUTH, AR
Most Recent Revision: 1976

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 RESERVE CENTER 200 RESERVE ST HOT SPRINGS, AR 71901	RCRA-SQG FINDS	AR5210022351

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

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

STATE AND LOCAL RECORDS

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

TRIBAL RECORDS

INDIAN RESERV	Indian Reservations
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EDR PROPRIETARY RECORDS

EDR Historical Auto Stations	EDR Proprietary Historic Gas Stations
-------------------------------------	---------------------------------------

EXECUTIVE SUMMARY

EDR Historical Cleaners..... EDR Proprietary Historic Dry Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

FEDERAL RECORDS

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

A review of the RCRA-SQG list, as provided by EDR, and dated 03/09/2006 has revealed that there are 6 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>
<i>SOUTHWESTERN BELL</i>	<i>220 PROSPECT AVENUE</i>	<i>1/8 - 1/4 WSW 10</i>		<i>22</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>HOT SPRINGS REHABILITATION CEN</i>	<i>105 RESERVE AVE</i>	<i>0 - 1/8 W</i>	<i>A5</i>	<i>15</i>
<i>CRAIGHEAD LAUNDRY-CLEANERS INC</i>	<i>225 MALVERN AVE</i>	<i>1/8 - 1/4 SW</i>	<i>B6</i>	<i>16</i>
<i>PATHOLOGY SERVICES INC</i>	<i>100 BRIDGE ST STE 35</i>	<i>1/8 - 1/4 SW</i>	<i>B7</i>	<i>16</i>
<i>HALE BATHHOUSE</i>	<i>341 CENTRAL AVE</i>	<i>1/8 - 1/4 NNW</i>	<i>C11</i>	<i>22</i>
<i>SUPERIOR BATHHOUSE</i>	<i>329 CENTRAL AVE</i>	<i>1/8 - 1/4 NNW</i>	<i>C12</i>	<i>23</i>

STATE AND LOCAL RECORDS

LUST: LUST Notice Information.

A review of the LUST list, as provided by EDR, and dated 04/13/2006 has revealed that there are 2

EXECUTIVE SUMMARY

LUST sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
RYDER TRUCK RENTAL	212 SPRING ST.	0 - 1/8 WSW 3		6
ALL CARE PHARMACY	922 CENTRAL AVE.	1/4 - 1/2SSW 14		30

UST: RST Owner & Facilities.

A review of the UST list, as provided by EDR, and dated 04/13/2006 has revealed that there are 4 UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
RYDER TRUCK RENTAL	212 SPRING ST.	0 - 1/8 WSW 3		6
HOT SPRINGS REHAB CENTER	105 RESERVE AVE	0 - 1/8 W A4		11
LEE BEASLEY LLL	300 EXCHANGE	1/8 - 1/4W 8		16
HOT SPRINGS TRAFFIC DEPT.	328 GULPHA	1/8 - 1/4ESE 13		23

EDR PROPRIETARY RECORDS

EDR 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.

A review of the Manufactured Gas Plants list, as provided by EDR, has revealed that there is 1 Manufactured Gas Plants site within approximately 1 mile of the target property.

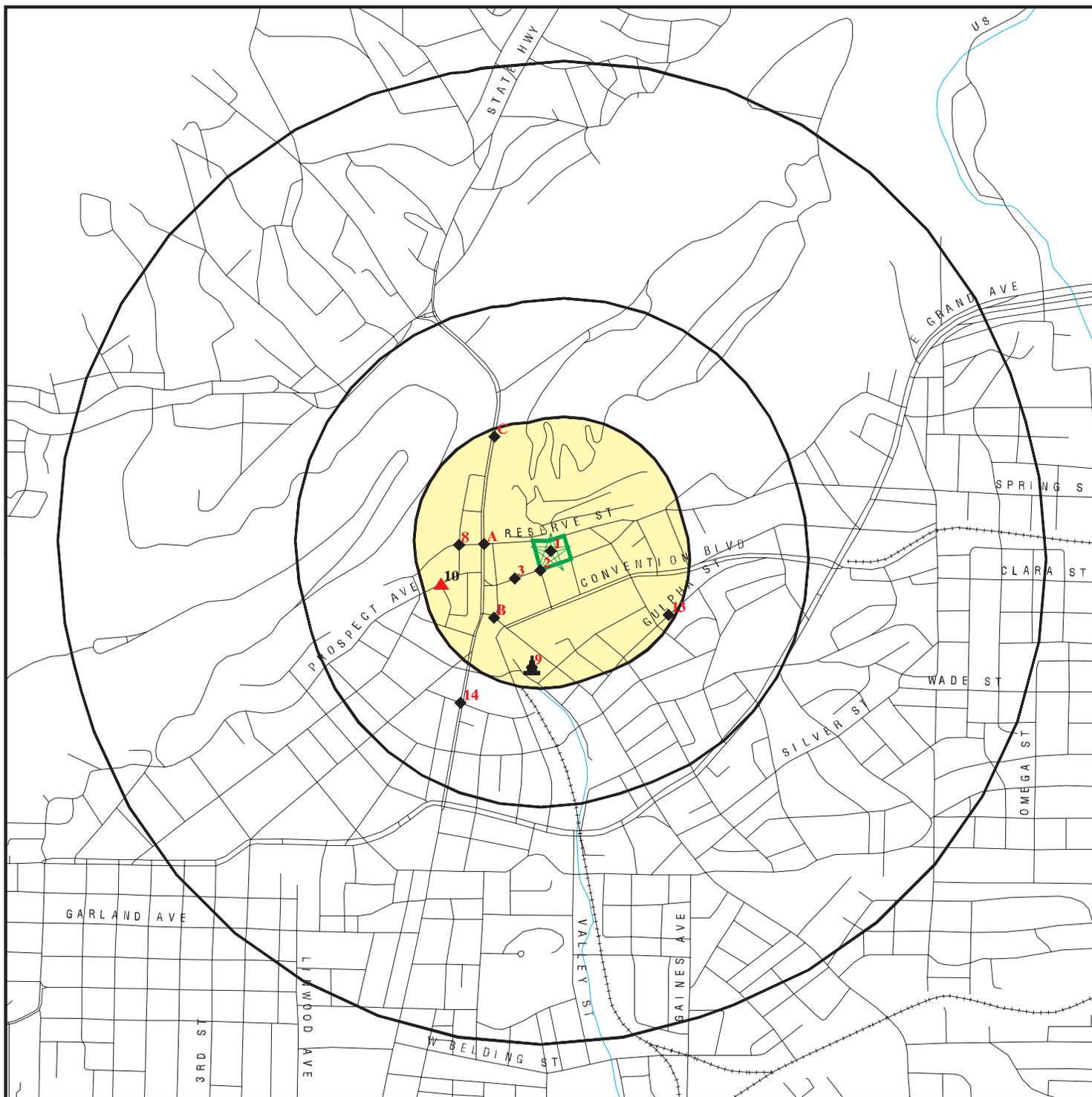
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
GARLAND GAS AND LIGHT CO	VALLEY STREET	1/8 - 1/4S	9	22

EXECUTIVE SUMMARY

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

<u>Site Name</u>	<u>Database(s)</u>
XPRESS BOATS, INC.	RCRA-LQG, CERC-NFRAP
HOT SPRINGS BRASS FOUNDRY	CERC-NFRAP
PATRICIA JEAN GRIFFIN	SWID
DML, INC DELUXE DIVISION	UST, PERMITS
ARK HIGHWAY DEPT-HOT SPRINGS	PERMITS
MT. VALLEY SUPERETTE	UST, PERMITS
BULK PLANT #135	UST, PERMITS
COBRA GROCERY	UST, PERMITS
ARKANSAS STATE POLICE-TROOP K	UST, PERMITS
HOT SPRING HATCHERY	UST, PERMITS
HOT SPRINGS MALL	PERMITS
HOT SPRINGS SURGICAL HOSPITAL	PERMITS
DICKSONS'S COUNTRY MART	UST, PERMITS
THE LUBE SHOP, INC.	UST, PERMITS
GARLAND COUNTY TS-7N	SWF/LF
D & R GROCERY	LUST
FOUNTAIN LAKE SUPERSTOP	LUST
SUPERSTOP #130	UST
BODY CRUSHERS CO	AST
DELUXE SAW & TOOL COMPANY	RCRA-SQG, FINDS
GARLAND COUNTY INDUSTRIAL PARK	RCRA-SQG
SOUTHWESTERN BELL	RCRA-SQG
ENTERGY-AR-HOT SPGS STOREROOM	RCRA-SQG, FINDS
QUALITY PLUS INC	RCRA-SQG, FINDS
NOBLES DON ELECTRONICS INC	RCRA-SQG, FINDS
HWY 270 23 MILE WEST OF HOT SPRING	ERNS
MAGIC SPRINGS DEVELOPMENT CO	FINDS

OVERVIEW MAP - 1718384.2s



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

-  Indian Reservations BIA
-  Oil & Gas pipelines

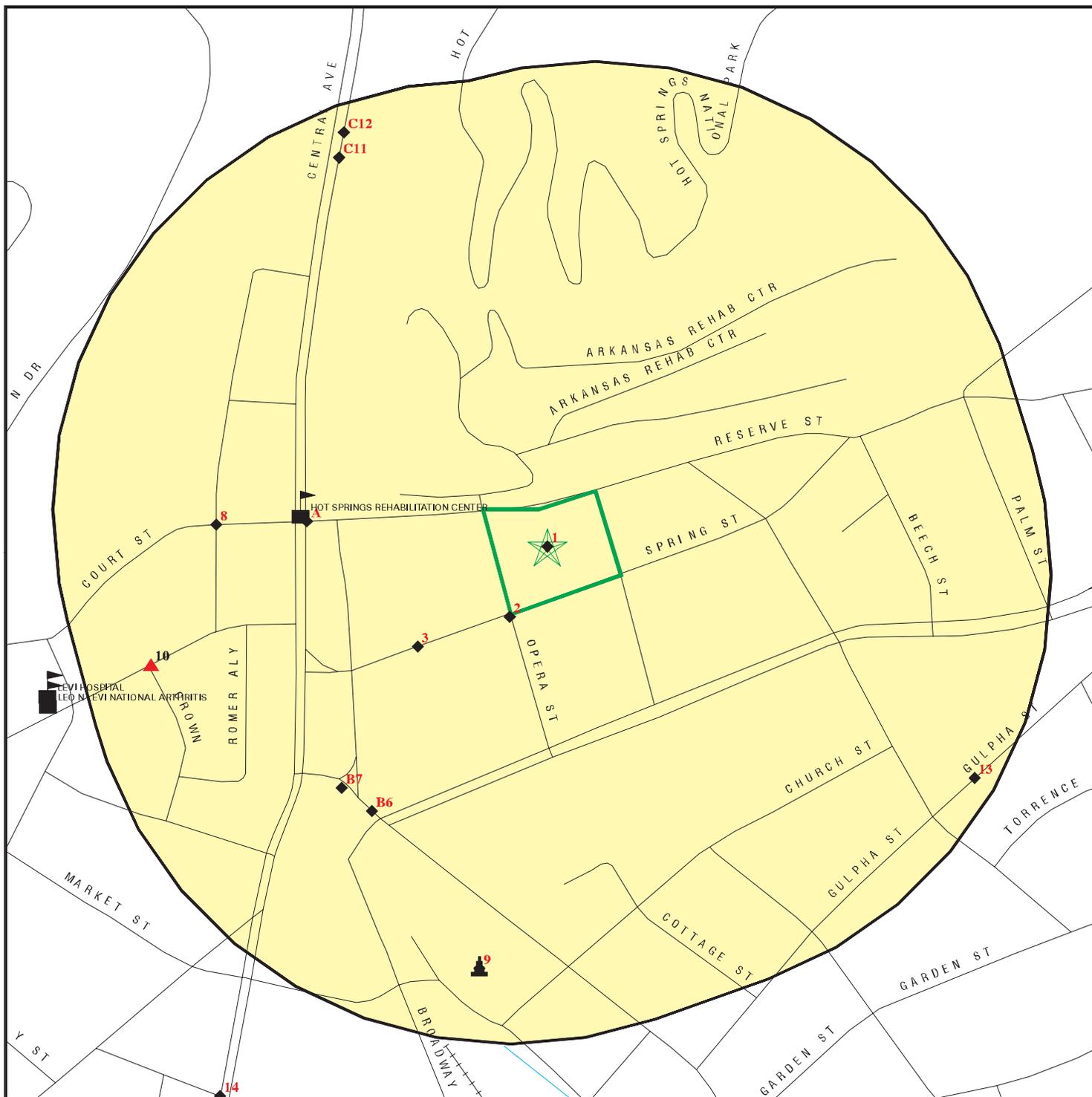


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Hot Springs USARC
 ADDRESS: 200 Reserve Street
 Hot Springs AR 71901
 LAT/LONG: 34.5114 / 93.0515

CLIENT: ENSAFE
 CONTACT: Phil Hardy
 INQUIRY #: 1718384.2s
 DATE: July 19, 2006

DETAIL MAP - 1718384.2s



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



-  Indian Reservations BIA
-  Oil & Gas pipelines



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: Hot Springs USARC
 ADDRESS: 200 Reserve Street
 Hot Springs AR 71901
 LAT/LONG: 34.5114 / 93.0515

CLIENT: ENSAFE
 CONTACT: Phil Hardy
 INQUIRY #: 1718384.2s
 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
<u>FEDERAL RECORDS</u>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL RECOVERY		TP	NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	0	0	0	NR	NR	0
CORRACTS		1.000	0	0	0	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	1	5	NR	NR	NR	6
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
<u>STATE AND LOCAL RECORDS</u>								
State Haz. Waste		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
SWID		0.500	0	0	0	NR	NR	0
SWRCY		0.500	0	0	0	NR	NR	0
LUST		0.500	1	0	1	NR	NR	2
UST		0.250	2	2	NR	NR	NR	4
AST		0.250	0	0	NR	NR	NR	0
SPILLS		TP	NR	NR	NR	NR	NR	0
INST CONTROL		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
BROWNFIELDS		0.500	0	0	0	NR	NR	0
ENF		TP	NR	NR	NR	NR	NR	0
AR Sludge		0.500	0	0	0	NR	NR	0
PERMITS		TP	NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

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

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

1 **US ARMY RESERVE CENTER**
Target **200 RESERVE ST**
Property **HOT SPRINGS, AR 71901**

RCRA-SQG **1004672721**
FINDS **AR5210022351**

Actual:
624 ft.

RCRAInfo:
 Owner: US GOVERNMENT 90TH RSC
 (401) 771-7992
 EPA ID: AR5210022351
 Contact: BILL SEXTON
 (501) 623-8931

 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.

2 **HOT SPRINGS 316 SPRING ST**
HOT SPRINGS 316 SPRING ST
< 1/8
1 ft.

Relative:
Lower

ERNS **90190114**
N/A

[Click this hyperlink](#) while viewing on your computer to access additional ERNS detail in the EDR Site Report.

Actual:
615 ft.

3 **RYDER TRUCK RENTAL**
WSW **212 SPRING ST.**
< 1/8
303 ft.

Relative:
Lower

LUST **U001219850**
UST **N/A**

Actual:
607 ft.

LUST:
 Notification Date: 5/10/1996 11:10:00 AM
 Notification Name: RYDER COMMERCIAL LEASING SERVI
 Notification Address: 155 FRANKLIN ROAD SUITE 160
 Notification City,St,Zip: BRENTWOOD, TN 37027
 Notification Telephone: 6153703998
 Facility Address 2: Not reported
 Facility Telephone: 5016233806
 Facility County: 26
 Notice Number: 260036
 Received By: 2972
 Owner: RYDER TRUCK RENTAL
 Leak Date: Not reported
 Leak Cause: DISPENSER HOSE WAS FROZEN
 Leak Damage: + OR - 50 GALLONS LOST ON THE GROUND NEAR DISPENSER
 Leak Volume: 50
 Tech Branch: Not reported
 AFIN Number: 2600241
 RST Facility ID: 26000147
 Lust Tank Type: Unknown

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RYDER TRUCK RENTAL (Continued)

U001219850

Lust Owner: 002062
 Lust Discovery: Other (See Comments Tab)
 Release Status: Suspected
 Emergency Response: Not reported
 Emergency Response 2: Not reported
 Substance Stored: Unknown
 Damage Description: Not reported
 Hazard Abatement: Not reported
 Remedial Action: Not reported
 Cleanup Initiated: Not reported
 ISC Date: Not reported
 Priority Score: Not reported
 SAR Date: Not reported
 Cap Submit: Not reported
 Public Notify: Not reported
 Cap Approve: Not reported
 NFA Issued: Not reported
 Funding Source: Not reported
 Cleanup Lead: Not reported
 Gis Location: Not reported
 Lust Tank Type 2: Unknown
 RST Modified By: Not reported
 RST Modified Dt: Not reported

Memo: METHOD OF DISCOVERY: DURING ROUTINE LDI INSPECTOR OBSERVED DRUMS BEHIND FACILITY FROM THE SPILL REQUIRED FACILITY TO SUBMIT IRR AND ISC. L. BURKE 6/03/96 ON MAY 10, 1996, I CONDUCTED A ROUTINE INSPECTION AT THIS FACILITY. DURING THE INSPECTION I OBSERVED SEVERAL DRUMS (20) BEHIND THE FACILITY, I THEN ASK THE FACILITY WHAT WAS IN THE DRUMS THEY REPLIED THAT IT WAS FROM THEIR SPILL IN JANUARY OF 1996. THIS SPILL WAS NOT REPORTED TO ADPC&E. ON MAY 13, 1996, I SENT THE FACILITY A LETTER AND A LUST PACKAGE. ON MAY 28, 1996 I RECEIVED A RESPONSE WHICH WAS INADEQUATE LACKING ISC 1,2,3,4 AND 5. WILL SEND ANOTHER LETTER STATING WHAT IS REQUIRED. L.BURKE 6/18/96 ON JUNE 18, 1996, KELLEY JOBE AND I VISITED THE SITE DURING THE BORING AND SAMPLING EVENT. L. BURKE 7/30/96 ON 7/30/96, I RECEIVED AND REVIEWED THE ISC REPORT. BASED ON SAMPLE RESULTS A NO FURTHER ACTION LETTER WAS GENERATED.

UST:

Facility ID:	26000147	Tank ID:	1
Tank Status:	Permanently Out of Service 11/26/91		
Install Date:	01/01/86		
Tank Contents:	Gasoline	Cerclis Name:	Not reported
Tank Material:	Steel		
GIS Location:	0	Federal Flag:	Not reported
Hazardous:	Not reported		
Entry Clerk:	Not reported	Entry Date:	/ /
Update Clerk:	MARSH	Update Date:	07/06/92
Date Recieved:	4/11/1986	Location SIC:	Not reported
Latitude:	Not reported	Longitude:	Not reported
Contact Name:	JIM MARTIN	Contact Title:	SERVICE/MANAGER
Contact Phone:	501-623-3806		
Certified Name:	TERRY R INGRAM	Certified Title:	ENVIR. CORD
Date Signed:	10/29/1992	Amended:	Yes
Above Ground:	No	Below Ground:	Yes
Lust Flag:	Yes	Leak ID Number:	26-0036
No Bill:	No		
Capacity in Gallons:	1000		
Number of Compartments:	1		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RYDER TRUCK RENTAL (Continued)

U001219850

Site Assessment Date: //
 Site Assessment Leak: Not reported
 Release Detection: Unknown
 Release Detection Install Date: //
 Tank External Corrosion Protection: Asphalt, //
 Tank Ext Corrosion Protection Install Date: //
 Pipe Material: Galvanized Steel
 Pipe Type: Unknown
 Piper Release Detection: Unknown
 Pipe Corrosion Protection: Unknown
 Tank Spill and Overfill Protection: Unknown
 Pipe Repaired: //
 Pipe Corrosion Protection: Unknown
 Certificate of Compliance Final Test Date: //
 Certificate of Compliance Test Company Licence: Not reported
 Certificate of Compliance Tester License: Not reported
 Certificate of Compliance Installation Date: //
 Certificate of Compliance Install Company Licence: Not reported
 Certificate of Compliance Installer License: Not reported
 Corrosion Protection: Not reported
 Spill and Overflow: Not reported
 Release Detection: Not reported
 ADEQ Facility ID: 2600241
 ADEQ Facility ID (with dash): 26-00241
 Date Reg. Cert. Issued: 6/3/1997
 Active Site: No
 Aboveground in Use: No
 Underground in Use: No
 Inspection with Pix: No
 Inspection with Reports: No
 Owner ID: 002062
 Owner Name: RYDER TRUCK RENTAL
 Owner Address: P.O. BOX 70737
 Owner City,St,Zip: No
 Owner County: Not reported
 Owner Country: Not reported
 Owner Phone: 713-426-4800
 Owner Type: 1
 Tank Comments: Not reported

AST/UST Eligible:

Date Eligible: 04/14/93
 Transaction Code: CIOU
 Entry Clerk: TERESA
 Entry Date: 04/14/93
 Update Clerk: Not reported
 Update Data: //
 Eligibility Description: Certificate issued, original, UST

Date Eligible: 10/28/93
 Transaction Code: CIOU
 Entry Clerk: TERESA
 Entry Date: 10/28/93
 Update Clerk: Not reported
 Update Data: //
 Eligibility Description: Certificate issued, original, UST

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

RYDER TRUCK RENTAL (Continued)

EDR ID Number
 EPA ID Number

Database(s)

U001219850

Facility ID:	26000147	Tank ID:	2
Tank Status:	Permanently Out of Service 05/11/97		
Install Date:	01/01/83		
Tank Contents:	Diesel	Cerclis Name:	Not reported
Tank Material:	Steel		
GIS Location:	0	Federal Flag:	Not reported
Hazardous:	Not reported		
Entry Clerk:	Not reported	Entry Date:	//
Update Clerk:	MARSH	Update Date:	10/10/97
Date Recieved:	4/11/1986	Location SIC:	Not reported
Latitude:	Not reported	Longitude:	Not reported
Contact Name:	JIM MARTIN	Contact Title:	SERVICE/MANAGER
Contact Phone:	501-623-3806		
Certified Name:	TERRY R INGRAM	Certified Title:	ENVIR. CORD
Date Signed:	10/29/1992	Amended:	Yes
Above Ground:	No	Below Ground:	Yes
Lust Flag:	Yes	Leak ID Number:	26-0036
No Bill:	No		
Capacity in Gallons:		8000	
Number of Compartments:		1	
Site Assesment Date:		//	
Site Assessment Leak:		Not reported	
Release Detection:		Tightness, IC Flag	
Release Detection Install Date:		//	
Tank External Corrosion Protection:		Asphalt, //	
Tank Ext Corrosion Protection Install Date:		//	
Pipe Material:		Bare Steel	
Pipe Type:		Suction PVC	
Piper Release Detection:		Tightness	
Pipe Corrosion Protection:		Not reported	
Tank Spill and Overfill Protection:		Basin	
Pipe Repaired:		//	
Pipe Corrosion Protection:		Not reported	
Certificate of Compliance Final Test Date:		//	
Certificate of Compliance Test Company Licence:		Not reported	
Certificate of Compliance Tester License:		Not reported	
Certificate of Compliance Installation Date:		//	
Certificate of Compliance Install Company Licence:		Not reported	
Certificate of Compliance Installer License:		Not reported	
Corrosion Protection:		Not reported	
Spill and Overflow:		X	
Release Detection:		Yes	
ADEQ Facility ID:		2600241	
ADEQ Facility ID (with dash):		26-00241	
Date Reg. Cert. Issued:		6/3/1997	
Active Site:		No	
Aboveground in Use:		No	
Underground in Use:		No	
Inspection with Pix:		No	
Inspection with Reports:		No	
Owner ID:		002062	
Owner Name:		RYDER TRUCK RENTAL	
Owner Address:		P.O. BOX 70737	
Owner City,St,Zip:		No	
Owner County:		Not reported	
Owner Country:		Not reported	
Owner Phone:		713-426-4800	

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RYDER TRUCK RENTAL (Continued)

U001219850

Owner Type: 1
 Tank Comments: Not reported

AST/UST Eligible:
 Date Eligible: 04/14/93
 Transaction Code: CIOU
 Entry Clerk: TERESA
 Entry Date: 04/14/93
 Update Clerk: Not reported
 Update Data: / /
 Eligibility Description: Certificate issued, original, UST

Date Eligible: 10/28/93
 Transaction Code: CIOU
 Entry Clerk: TERESA
 Entry Date: 10/28/93
 Update Clerk: Not reported
 Update Data: / /
 Eligibility Description: Certificate issued, original, UST

Facility ID: 26000147	Tank ID: 3
Tank Status: Permanently Out of Service 05/10/97	
Install Date: 01/01/83	
Tank Contents: Diesel	Cerclis Name: Not reported
Tank Material: Steel	
GIS Location: 0	Federal Flag: Not reported
Hazardous: Not reported	
Entry Clerk: Not reported	Entry Date: / /
Update Clerk: MARSH	Update Date: 10/10/97
Date Recieved: 4/11/1986	Location SIC: Not reported
Latitude: Not reported	Longitude: Not reported
Contact Name: JIM MARTIN	Contact Title: SERVICE/MANAGER
Contact Phone: 501-623-3806	
Certified Name: TERRY R INGRAM	Certified Title: ENVIR. CORD
Date Signed: 10/29/1992	Amended: Yes
Above Ground: No	Below Ground: Yes
Lust Flag: Yes	Leak ID Number: 26-0036
No Bill: No	

Capacity in Gallons: 8000
 Number of Compartments: 1
 Site Assessment Date: / /
 Site Assessment Leak: Not reported
 Release Detection: Tightness, IC Flag
 Release Detection Install Date: / /
 Tank External Corrosion Protection: Asphalt, / /
 Tank Ext Corrosion Protection Install Date: / /
 Pipe Material: Galvanized Steel
 Pipe Type: Suction PVC
 Piper Release Detection: Tightness
 Pipe Corrosion Protection: Not reported
 Tank Spill and Overfill Protection: Basin
 Pipe Repaired: / /
 Pipe Corrosion Protection: Not reported
 Certificate of Compliance Final Test Date: / /
 Certificate of Compliance Test Company Licence: Not reported
 Certificate of Compliance Tester License: Not reported
 Certificate of Compliance Installation Date: / /

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RYDER TRUCK RENTAL (Continued)

U001219850

Certificate of Compliance Install Company Licence: Not reported
 Certificate of Compliance Installer License: Not reported
 Corrosion Protection: Not reported
 Spill and Overflow: X
 Release Detection: Yes
 ADEQ Facility ID: 2600241
 ADEQ Facility ID (with dash): 26-00241
 Date Reg. Cert. Issued: 6/3/1997
 Active Site: No
 Aboveground in Use: No
 Underground in Use: No
 Inspection with Pix: No
 Inspection with Reports: No
 Owner ID: 002062
 Owner Name: RYDER TRUCK RENTAL
 Owner Address: P.O. BOX 70737
 Owner City,St,Zip: No
 Owner County: Not reported
 Owner Country: Not reported
 Owner Phone: 713-426-4800
 Owner Type: 1
 Tank Comments: Not reported

AST/UST Eligible:

Date Eligible: 04/14/93
 Transaction Code: CIOU
 Entry Clerk: TERESA
 Entry Date: 04/14/93
 Update Clerk: Not reported
 Update Data: / /
 Eligibility Description: Certificate issued, original, UST

Date Eligible: 10/28/93
 Transaction Code: CIOU
 Entry Clerk: TERESA
 Entry Date: 10/28/93
 Update Clerk: Not reported
 Update Data: / /
 Eligibility Description: Certificate issued, original, UST

**A4
 West
 < 1/8
 541 ft.**

**HOT SPRINGS REHAB CENTER
 105 RESERVE AVE
 HOT SPRINGS, AR 71901**

**UST 1000132223
 N/A**

Site 1 of 2 in cluster A

**Relative:
 Lower**

UST:

**Actual:
 609 ft.**

Facility ID: 26001636 Tank ID: 1
Tank Status: Permanently Out of Service 12/27/98
 Install Date: 01/07/85
 Tank Contents: Gasoline Cerclis Name: Not reported
 Tank Material: Steel Federal Flag: Not reported
 GIS Location: 0
 Hazardous: Not reported
 Entry Clerk: NFIELDLS Entry Date: 07/16/93
 Update Clerk: MARSH Update Date: 01/27/99
 Date Recieved: 7/15/1993 Location SIC: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

HOT SPRINGS REHAB CENTER (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000132223

Latitude:	Not reported	Longitude:	Not reported
Contact Name:	SHELBY FRYAR	Contact Title:	ADMINISTRATOR
Contact Phone:	501-624-4411		
Certified Name:	SHELBY FRYAR	Certified Title:	ADMINISTRATOR
Date Signed:	7/9/1993	Amended:	No
Above Ground:	No	Below Ground:	Yes
Lust Flag:	No	Leak ID Number:	Not reported
No Bill:	No		
Capacity in Gallons:			1504
Number of Compartments:			1
Site Assessment Date:			/ /
Site Assessment Leak:			No
Release Detection:			Manual Gauge
Release Detection Install Date:			/ /
Tank External Corrosion Protection:			Asphalt, / /
Tank Ext Corrosion Protection Install Date:			01/01/85
Pipe Material:			Galvanized Steel
Pipe Type:			Suction PVC
Piper Release Detection:			NONE
Pipe Corrosion Protection:			Unknown
Tank Spill and Overfill Protection:			Unknown
Pipe Repaired:			/ /
Pipe Corrosion Protection:			Unknown
Certificate of Compliance Final Test Date:			/ /
Certificate of Compliance Test Company Licence:			Not reported
Certificate of Compliance Tester License:			Not reported
Certificate of Compliance Installation Date:			/ /
Certificate of Compliance Install Company Licence:			Not reported
Certificate of Compliance Installer License:			Not reported
Corrosion Protection:			Not reported
Spill and Overflow:			Not reported
Release Detection:			Yes
ADEQ Facility ID:			2600229
ADEQ Facility ID (with dash):			26-00229
Date Reg. Cert. Issued:			5/28/1998
Active Site:			No
Aboveground in Use:			No
Underground in Use:			No
Inspection with Pix:			No
Inspection with Reports:			No
Owner ID:			005295
Owner Name:			ARKANSAS REHABILITATION SERVICE
Owner Address:			BOX 1358
Owner City,St,Zip:			No
Owner County:			GARLAND
Owner Country:			Not reported
Owner Phone:			501-624-4411
Owner Type:			1
Tank Comments:	Not reported		

AST/UST Eligible:

Date Eligible:	09/21/93
Transaction Code:	CIOU
Entry Clerk:	TERESA
Entry Date:	09/21/93
Update Clerk:	Not reported
Update Data:	/ /
Eligibility Description:	Certificate issued, original, UST

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

HOT SPRINGS REHAB CENTER (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000132223

Facility ID:	26001636	Tank ID:	2
Tank Status:	Permanently Out of Service 12/27/98		
Install Date:	01/07/85		
Tank Contents:	Gasoline	Cerclis Name:	Not reported
Tank Material:	Steel		
GIS Location:	0	Federal Flag:	Not reported
Hazardous:	Not reported		
Entry Clerk:	NFIELDS	Entry Date:	07/16/93
Update Clerk:	MARSH	Update Date:	01/27/99
Date Recieved:	7/15/1993	Location SIC:	Not reported
Latitude:	Not reported	Longitude:	Not reported
Contact Name:	SHELBY FRYAR	Contact Title:	ADMINISTRATOR
Contact Phone:	501-624-4411		
Certified Name:	SHELBY FRYAR	Certified Title:	ADMINISTRATOR
Date Signed:	7/9/1993	Amended:	No
Above Ground:	No	Below Ground:	Yes
Lust Flag:	No	Leak ID Number:	Not reported
No Bill:	No		
Capacity in Gallons:		1504	
Number of Compartments:		1	
Site Assesment Date:		/ /	
Site Assessment Leak:		No	
Release Detection:		Manual Gauge	
Release Detection Install Date:		/ /	
Tank External Corrosion Protection:		Asphalt, / /	
Tank Ext Corrosion Protection Install Date:		01/01/85	
Pipe Material:		Galvanized Steel	
Pipe Type:		Suction PVC	
Piper Release Detection:		NONE	
Pipe Corrosion Protection:		Unknown	
Tank Spill and Overfill Protection:		Unknown	
Pipe Repaired:		/ /	
Pipe Corrosion Protection:		Unknown	
Certificate of Compliance Final Test Date:		/ /	
Certificate of Compliance Test Company Licence:		Not reported	
Certificate of Compliance Tester License:		Not reported	
Certificate of Compliance Installation Date:		/ /	
Certificate of Compliance Install Company Licence:		Not reported	
Certificate of Compliance Installer License:		Not reported	
Corrosion Protection:		Not reported	
Spill and Overflow:		Not reported	
Release Detection:		Yes	
ADEQ Facility ID:		2600229	
ADEQ Facility ID (with dash):		26-00229	
Date Reg. Cert. Issued:		5/28/1998	
Active Site:		No	
Aboveground in Use:		No	
Underground in Use:		No	
Inspection with Pix:		No	
Inspection with Reports:		No	
Owner ID:		005295	
Owner Name:		ARKANSAS REHABILITATION SERVICE	
Owner Address:		BOX 1358	
Owner City,St,Zip:		No	
Owner County:		GARLAND	
Owner Country:		Not reported	
Owner Phone:		501-624-4411	

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

HOT SPRINGS REHAB CENTER (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000132223

Owner Type: 1
 Tank Comments: Not reported

AST/UST Eligible:

Date Eligible: 09/21/93
 Transaction Code: CIOU
 Entry Clerk: TERESA
 Entry Date: 09/21/93
 Update Clerk: Not reported
 Update Data: / /
 Eligibility Description: Certificate issued, original, UST

Facility ID:	26001636	Tank ID:	3
Tank Status:	Permanently Out of Service 06/14/93		
Install Date:	01/01/40		
Tank Contents:	Gasoline	Cerclis Name:	Not reported
Tank Material:	Steel		
GIS Location:	0	Federal Flag:	Not reported
Hazardous:	Not reported		
Entry Clerk:	NFIELDS	Entry Date:	07/16/93
Update Clerk:	SUMMERS	Update Date:	09/30/93
Date Recieved:	7/15/1993	Location SIC:	Not reported
Latitude:	Not reported	Longitude:	Not reported
Contact Name:	SHELBY FRYAR	Contact Title:	ADMINISTRATOR
Contact Phone:	501-624-4411		
Certified Name:	SHELBY FRYAR	Certified Title:	ADMINISTRATOR
Date Signed:	7/9/1993	Amended:	No
Above Ground:	No	Below Ground:	Yes
Lust Flag:	No	Leak ID Number:	Not reported
No Bill:	No		
Capacity in Gallons:	1200		
Number of Compartments:	1		
Site Assesment Date:	/ /		
Site Assessment Leak:	No		
Release Detection:	Unknown		
Release Detection Install Date:	/ /		
Tank External Corrosion Protection:	Unknown, / /		
Tank Ext Corrosion Protection Install Date:	01/01/40		
Pipe Material:	Galvanized Steel		
Pipe Type:	Unknown		
Piper Release Detection:	NONE		
Pipe Corrosion Protection:	NONE		
Tank Spill and Overfill Protection:	Unknown		
Pipe Repaired:	/ /		
Pipe Corrosion Protection:	NONE		
Certificate of Compliance Final Test Date:	/ /		
Certificate of Compliance Test Company Licence:	Not reported		
Certificate of Compliance Tester License:	Not reported		
Certificate of Compliance Installation Date:	/ /		
Certificate of Compliance Install Company Licence:	Not reported		
Certificate of Compliance Installer License:	Not reported		
Corrosion Protection:	Not reported		
Spill and Overflow:	Not reported		
Release Detection:	Not reported		
ADEQ Facility ID:	2600229		
ADEQ Facility ID (with dash):	26-00229		
Date Reg. Cert. Issued:	5/28/1998		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

HOT SPRINGS REHAB CENTER (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000132223

Active Site: No
 Aboveground in Use: No
 Underground in Use: No
 Inspection with Pix: No
 Inspection with Reports: No
 Owner ID: 005295
 Owner Name: ARKANSAS REHABILITATION SERVICE
 Owner Address: BOX 1358
 Owner City,St,Zip: No
 Owner County: GARLAND
 Owner Country: Not reported
 Owner Phone: 501-624-4411
 Owner Type: 1
 Tank Comments: Not reported

AST/UST Eligible:
 Date Eligible: 09/21/93
 Transaction Code: CIOU
 Entry Clerk: TERESA
 Entry Date: 09/21/93
 Update Clerk: Not reported
 Update Data: / /
 Eligibility Description: Certificate issued, original, UST

**A5
 West
 < 1/8
 541 ft.**

**HOT SPRINGS REHABILITATION CENTER
 105 RESERVE AVE
 HOT SPRINGS, AR 71901**

**RCRA-SQG 1004437445
 FINDS ARD983267071**

Site 2 of 2 in cluster A

**Relative:
 Lower**

RCRAInfo:
 Owner: STATE OF ARK - ARK REHAB SVS
 (501) 296-1600
 EPA ID: ARD983267071
 Contact: JIM HATMAKER
 (501) 624-4411

**Actual:
 609 ft.**

Classification: Conditionally Exempt Small Quantity Generator
 TSD 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.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

B6 **CRAIGHEAD LAUNDRY-CLEANERS INC**
SW **225 MALVERN AVE**
1/8-1/4 **HOT SPRINGS, AR 71901**
739 ft.

RCRA-SQG **1001814729**
FINDS **ARD035520816**

Site 1 of 2 in cluster B

Relative:
Lower

RCRAInfo:
 Owner: CRAIGHEAD LAUNDRY
 (501) 321-1234
 EPA ID: ARD035520816
 Contact: JOE FISH
 (501) 321-1234

Actual:
596 ft.

Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

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

B7 **PATHOLOGY SERVICES INC**
SW **100 BRIDGE ST STE 35**
1/8-1/4 **HOT SPRINGS, AR 71901**
744 ft.

RCRA-SQG **1000243430**
FINDS **ARD983266479**

Site 2 of 2 in cluster B

Relative:
Lower

RCRAInfo:
 Contact: CLOVER LONGINOTTI
 (501) 624-4547
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

Actual:
597 ft.

FINDS:

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

8 **LEE BEASLEY LLL**
West **300 EXCHANGE**
1/8-1/4 **HOT SPRINGS, AR 71901**
820 ft.

UST **U003154246**
PERMITS **N/A**

Relative:
Lower

PERMIT:
 Facility Type Desc: Standard
 Alternate Facility Name: Not reported
 Facility Status Code: A
 AFIN: 2600840
 AFIN Status Date: Not reported
 AFIN Status Desc: Active
 Type Description: STD

Actual:
615 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

LEE BEASLEY LLL (Continued)

U003154246

Owner Name:	BEASLEY, F. LEE III
Owner ID:	007274
Secondary Facility Address:	Not reported
Facility Invoice Billing Month:	Not reported
Facility Invoice Phone Number:	Not reported
Facility Invoice Comments:	Not reported
Facility Invoice Address:	Not reported
Facility Invoice City,St,Zip:	Not reported
Facility Invoice Country:	Not reported
Facility Telephone:	Not reported
Facility Fax:	Not reported
Facility Email:	Not reported
Mailing Address 1:	Not reported
Mailing Country:	Not reported
Other Identifier:	Not reported
Primary SIC Code:	Not reported
Secondary SIC Code:	Not reported
Tertiary SIC Code:	Not reported
Primary NAIC Code:	Not reported
Secondary NAIC Code:	Not reported
Tertiary NAICS Code:	Not reported
GIS Original Coordinate System:	Not reported
GIS Original Datum Code:	Not reported
GIS Current Datum Code:	Not reported
UTM Northing:	Not reported
UTM Easting:	Not reported
UTM Zone:	Not reported
Section/Township/Range:	Not reported
GIS Date Measured:	Not reported
GIS Source Name:	Not reported
GIS Collector Staff Code:	Not reported
GIS Certified Measurement:	No
GPS Receiver Type Name:	Not reported
GPS Receiver Channels:	Not reported
GIS Base Station Name:	Not reported
GIS Base Station Distance:	Not reported
GIS Min Point Positions:	Not reported
GIS Pdrop Mask:	Not reported
GIS Snr Mask:	Not reported
GIS Horizontal Accuracy:	Not reported
GIS Comment:	Not reported
GIS Huc:	Not reported
GIS Planning Segment:	Not reported
GIS Ark Sen Dist:	Not reported
GIS Ark Rep Dist:	Not reported
Created By:	Not reported
Record Created:	5/15/2005
Modified By:	Not reported
Modified Date:	Not reported
Primary SIC Desc:	Not reported
Secondary SIC Desc:	Not reported
Tertiary SIC Desc:	Not reported
Primary NAICS Desc:	Not reported
Secondary NAICS Desc:	Not reported
Tertiary NAICS Desc:	Not reported
Latitude Degree:	Not reported
Latitude Minute:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

LEE BEASLEY LLL (Continued)

U003154246

Latitude Second: Not reported
Longitude Degree: Not reported
Longitude Minute: Not reported
Longitude Second: Not reported
Latitude Decimal: Not reported
Longitude Decimal: Not reported
Comments: New RST; RST Conversion Project 05/15/2005
Permit Number: 26001708
Permit Issued Date: Not reported
Permit Modified Date: Not reported
Permit Expiration Date: Not reported
Permit Void Date: Not reported
Permit Notice of Intent Date: Not reported
SW Div Fac Open Closed Code: Not reported
SW Div Fac Open Closed Desc: Not reported
Permit Post Closure Date: Not reported
Permit Media: R
Permit Type: Not reported
Permit Staff: Not reported
Permit Status: Not reported
Permit Status Date: Not reported
Initial Payment Fee Inventory Number: Not reported
Permit Fee Code: Not reported
Permit Fee Volume: Not reported
Permit Inventory Comment: Not reported
Permit Inv Comment Prt: N
Permit Inv Single Prt: N
Permit Inv Single Lb: N
Permit Contact Name: F. LEE BEASLEY
Permit Contact Telephone: 5019999999
Permit Mail Address 1: LEE BEASLEY III
Permit Mail Address 2: 300 EXCHANGE
Permit Mail City,St,Zip: HOT SPRINGS, AR 71901
Permit Contact Fax Number: Not reported
Permit Contact Email Address: Not reported
Permit GIS Original Coordinate System: Not reported
Permit GIS Original Datum Code: Not reported
Permit GIS Current Datum Code: Not reported
Permit UTM Northing: Not reported
Permit UTM Easting: Not reported
Permit UTM Zone: Not reported
Permit Section Township Range: Not reported
Permit GIS Date Measured: Not reported
Permit GIS Source Name: Not reported
Permit GIS Collector Staff Code: Not reported
Permit GIS Certified Measurment: Not reported
Permit GPS Receiver Type Name: Not reported
Permit GPS Receiver Cannels: Not reported
Permit GIS Base Station Name: Not reported
Permit GIS Base Station Distance: Not reported
Permit GIS Min Point Positions: Not reported
Permit GIS PDOP Mask: Not reported
Permit GIS SNR Mask: Not reported
Permit GIS Hoizontal Accuracy: Not reported
Permit GIS Comment: Not reported
Permit GIS Huc: Not reported
Permit GIS Planning Segment: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

LEE BEASLEY LLL (Continued)

EDR ID Number
 EPA ID Number

Database(s)

U003154246

Permit GIS Ark Sen Dist: Not reported
 Permit GIS Ark Rep Dist: Not reported
 Permit Prior Permit Number: Not reported
 Permit Other Identifier: Not reported
 Permit Primary SIC Code: Not reported
 Permit Secondary SIC Code: Not reported
 Permit Record Created: 8/7/1996
 Permit Media Description: RST
 Permit Type: Not reported
 Permit Status Description: Not reported
 Permit Fee Description: Not reported
 Permit Staff Name: Not reported
 Permit Latitude Degree: Not reported
 Permit Latitude Minute: Not reported
 Permit Latitude Second: Not reported
 Permit Longitude Degree: Not reported
 Permit Longitude Minute: Not reported
 Permit Longitude Second: Not reported
 Permit Latitude Decimal: Not reported
 Permit Longitude Decimal: Not reported
 Permit History: Not reported
 Permit Comment: Not reported

UST:

Facility ID:	26001708	Tank ID:	1
Tank Status:	Permanently Out of Service 07/15/96		
Install Date:	/ /		
Tank Contents:	Gasoline	Cerclis Name:	Not reported
Tank Material:	Steel		
GIS Location:	0	Federal Flag:	Not reported
Hazardous:	Not reported		
Entry Clerk:	BATEMAN	Entry Date:	08/07/96
Update Clerk:	MARSH	Update Date:	08/21/96
Date Recieved:	8/6/1996	Location SIC:	Not reported
Latitude:	Not reported	Longitude:	Not reported
Contact Name:	F. LEE BEASLEY	Contact Title:	OWNER
Contact Phone:	501-999-9999		
Certified Name:	F. LEE BEASLEY	Certified Title:	OWNER
Date Signed:	7/30/1996	Amended:	No
Above Ground:	No	Below Ground:	Yes
Lust Flag:	No	Leak ID Number:	Not reported
No Bill:	No		
Capacity in Gallons:			1000
Number of Compartments:			1
Site Assesment Date:			/ /
Site Assessment Leak:			No
Release Detection:			Unknown
Release Detection Install Date:			/ /
Tank External Corrosion Protection:			Asphalt, / /
Tank Ext Corrosion Protection Install Date:			/ /
Pipe Material:			Galvanized Steel
Pipe Type:			Suction TCV
Piper Release Detection:			Unknown
Pipe Corrosion Protection:			Unknown
Tank Spill and Overfill Protection:			Unknown
Pipe Repaired:			/ /

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

LEE BEASLEY LLL (Continued)

U003154246

Pipe Corrosion Protection: Unknown
 Certificate of Compliance Final Test Date: / /
 Certificate of Compliance Test Company Licence: Not reported
 Certificate of Compliance Tester License: Not reported
 Certificate of Compliance Installation Date: / /
 Certificate of Compliance Install Company Licence: Not reported
 Certificate of Compliance Installer License: Not reported
 Corrosion Protection: Not reported
 Spill and Overflow: Not reported
 Release Detection: Not reported
 ADEQ Facility ID: 2600840
 ADEQ Facility ID (with dash): 26-00840
 Date Reg. Cert. Issued: Not reported
 Active Site: No
 Aboveground in Use: No
 Underground in Use: No
 Inspection with Pix: No
 Inspection with Reports: No
 Owner ID: 007274
 Owner Name: BEASLEY, F. LEE III
 Owner Address: 1635 HIGDON FERRY RD, #C132
 Owner City,St,Zip: No
 Owner County: GARLAND
 Owner Country: Not reported
 Owner Phone: 501-999-9999
 Owner Type: 1
 Tank Comments: Not reported

AST/UST Eligible:

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

Facility ID: 26001708 Tank ID: 2
Tank Status: Permanently Out of Service 07/15/96
 Install Date: / /
 Tank Contents: Gasoline Cerclis Name: Not reported
 Tank Material: Steel
 GIS Location: 0 Federal Flag: Not reported
 Hazardous: Not reported
 Entry Clerk: BATEMAN Entry Date: 08/07/96
 Update Clerk: MARSH Update Date: 08/21/96
 Date Recieved: 8/6/1996 Location SIC: Not reported
 Latitude: Not reported Longitude: Not reported
 Contact Name: F. LEE BEASLEY Contact Title: OWNER
 Contact Phone: 501-999-9999
 Certified Name: F. LEE BEASLEY Certified Title: OWNER
 Date Signed: 7/30/1996 Amended: No
 Above Ground: No Below Ground: Yes
 Lust Flag: No Leak ID Number: Not reported
 No Bill: No
 Capacity in Gallons: 1000
 Number of Compartments: 1

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

LEE BEASLEY LLL (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003154246

Site Assessment Date: //
Site Assessment Leak: No
Release Detection: Unknown
Release Detection Install Date: //
Tank External Corrosion Protection: Unknown, //
Tank Ext Corrosion Protection Install Date: //
Pipe Material: Galvanized Steel
Pipe Type: Suction TCV
Piper Release Detection: Unknown
Pipe Corrosion Protection: Unknown
Tank Spill and Overfill Protection: Unknown
Pipe Repaired: //
Pipe Corrosion Protection: Unknown
Certificate of Compliance Final Test Date: //
Certificate of Compliance Test Company Licence: Not reported
Certificate of Compliance Tester License: Not reported
Certificate of Compliance Installation Date: //
Certificate of Compliance Install Company Licence: Not reported
Certificate of Compliance Installer License: Not reported
Corrosion Protection: Not reported
Spill and Overflow: Not reported
Release Detection: Not reported
ADEQ Facility ID: 2600840
ADEQ Facility ID (with dash): 26-00840
Date Reg. Cert. Issued: Not reported
Active Site: No
Aboveground in Use: No
Underground in Use: No
Inspection with Pix: No
Inspection with Reports: No
Owner ID: 007274
Owner Name: BEASLEY, F. LEE III
Owner Address: 1635 HIGDON FERRY RD, #C132
Owner City,St,Zip: No
Owner County: GARLAND
Owner Country: Not reported
Owner Phone: 501-999-9999
Owner Type: 1
Tank Comments: Not reported

AST/UST Eligible:

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

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

9
South
1/8-1/4
1092 ft.

GARLAND GAS AND LIGHT CO
VALLEY STREET
HOT SPRINGS, AR 71901

Manufactured Gas Plants

1008408955
N/A

Relative:
Lower

Alternate Name: HOT SPRINGS WATER CO.

Actual:
583 ft.

10
WSW
1/8-1/4
1107 ft.

SOUTHWESTERN BELL
220 PROSPECT AVENUE
HOT SPRINGS, AR 71901

RCRA-SQG
FINDS

1000410656
ARD093409183

Relative:
Higher

RCRAInfo:
 Owner: SOUTHWESTERN BELL TEL CO
 (314) 235-4549
 EPA ID: ARD093409183
 Contact: BOBBIE DAY
 (314) 235-4549
 Classification: Small Quantity Generator
 TSD Activities: Not reported
 Violation Status: No violations found

Actual:
626 ft.

FINDS:

Other Pertinent Environmental Activity Identified at Site:

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

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

C11
NNW
1/8-1/4
1167 ft.

HALE BATHHOUSE
341 CENTRAL AVE
HOT SPRINGS, AR 71913

RCRA-SQG
FINDS

1000904598
AR0000381418

Relative:
Lower

Site 1 of 2 in cluster C

Actual:
611 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

HALE BATHHOUSE (Continued)

1000904598

RCRAInfo:
 Owner: NATIONAL PARKS SVS
 (303) 969-2057
 EPA ID: AR0000381418
 Contact: RON FLEMING
 (501) 847-3315
 Classification: Small Quantity Generator
 TSD 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.

**C12
 NNW
 1/8-1/4
 1234 ft.**

**SUPERIOR BATHHOUSE
 329 CENTRAL AVE
 HOT SPRINGS, AR 71913**

**RCRA-SQG 1000904599
 FINDS AR0000381426**

Site 2 of 2 in cluster C

**Relative:
 Lower**

RCRAInfo:
 Owner: NATL PARK SERVICE
 (303) 969-2057
 EPA ID: AR0000381426
 Contact: RON FLEMING
 (501) 847-3315
 Classification: Small Quantity Generator
 TSD Activities: Not reported
 Violation Status: No violations found

**Actual:
 610 ft.**

FINDS:

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

**13
 ESE
 1/8-1/4
 1252 ft.**

**HOT SPRINGS TRAFFIC DEPT.
 328 GULPHA
 HOT SPRINGS, AR 71901**

**UST U001219823
 PERMITS N/A**

**Relative:
 Lower**

PERMIT:
 Facility Type Desc: Standard
 Alternate Facility Name: Not reported
 Facility Status Code: A
 AFIN: 2600657
 AFIN Status Date: Not reported
 AFIN Status Desc: Active
 Type Description: STD

**Actual:
 579 ft.**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

HOT SPRINGS TRAFFIC DEPT. (Continued)

U001219823

Owner Name:	HOT SPRINGS, CITY OF
Owner ID:	000583
Secondary Facility Address:	Not reported
Facility Invoice Billing Month:	Not reported
Facility Invoice Phone Number:	Not reported
Facility Invoice Comments:	Not reported
Facility Invoice Address:	Not reported
Facility Invoice City,St,Zip:	Not reported
Facility Invoice Country:	Not reported
Facility Telephone:	Not reported
Facility Fax:	Not reported
Facility Email:	Not reported
Mailing Address 1:	Not reported
Mailing Country:	Not reported
Other Identifier:	Not reported
Primary SIC Code:	Not reported
Secondary SIC Code:	Not reported
Tertiary SIC Code:	Not reported
Primary NAIC Code:	Not reported
Secondary NAIC Code:	Not reported
Tertiary NAICS Code:	Not reported
GIS Original Coordinate System:	Not reported
GIS Original Datum Code:	Not reported
GIS Current Datum Code:	Not reported
UTM Northing:	Not reported
UTM Easting:	Not reported
UTM Zone:	Not reported
Section/Township/Range:	Not reported
GIS Date Measured:	Not reported
GIS Source Name:	Not reported
GIS Collector Staff Code:	Not reported
GIS Certified Measurement:	No
GPS Receiver Type Name:	Not reported
GPS Receiver Channels:	Not reported
GIS Base Station Name:	Not reported
GIS Base Station Distance:	Not reported
GIS Min Point Positions:	Not reported
GIS Pdrop Mask:	Not reported
GIS Snr Mask:	Not reported
GIS Horizontal Accuracy:	Not reported
GIS Comment:	Not reported
GIS Huc:	Not reported
GIS Planning Segment:	Not reported
GIS Ark Sen Dist:	Not reported
GIS Ark Rep Dist:	Not reported
Created By:	Not reported
Record Created:	5/15/2005
Modified By:	Not reported
Modified Date:	Not reported
Primary SIC Desc:	Not reported
Secondary SIC Desc:	Not reported
Tertiary SIC Desc:	Not reported
Primary NAICS Desc:	Not reported
Secondary NAICS Desc:	Not reported
Tertiary NAICS Desc:	Not reported
Latitude Degree:	Not reported
Latitude Minute:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

HOT SPRINGS TRAFFIC DEPT. (Continued)

U001219823

Latitude Second: Not reported
Longitude Degree: Not reported
Longitude Minute: Not reported
Longitude Second: Not reported
Latitude Decimal: Not reported
Longitude Decimal: Not reported
Comments: New RST; RST Conversion Project 05/15/2005
Permit Number: 26000113
Permit Issued Date: Not reported
Permit Modified Date: Not reported
Permit Expiration Date: Not reported
Permit Void Date: Not reported
Permit Notice of Intent Date: Not reported
SW Div Fac Open Closed Code: Not reported
SW Div Fac Open Closed Desc: Not reported
Permit Post Closure Date: Not reported
Permit Media: R
Permit Type: Not reported
Permit Staff: Not reported
Permit Status: Not reported
Permit Status Date: Not reported
Initial Payment Fee Inventory Number: Not reported
Permit Fee Code: Not reported
Permit Fee Volume: Not reported
Permit Inventory Comment: Not reported
Permit Inv Comment Prt: N
Permit Inv Single Prt: N
Permit Inv Single Lb: N
Permit Contact Name: RON KOHLER
Permit Contact Telephone: 5013216860
Permit Mail Address 1: HOT SPRINGS TRAFFIC DEPT.
Permit Mail Address 2: 328 GULPHA
Permit Mail City,St,Zip: HOT SPRINGS, AR 71901
Permit Contact Fax Number: Not reported
Permit Contact Email Address: Not reported
Permit GIS Original Coordinate System: Not reported
Permit GIS Original Datum Code: Not reported
Permit GIS Current Datum Code: Not reported
Permit UTM Northing: Not reported
Permit UTM Easting: Not reported
Permit UTM Zone: Not reported
Permit Section Township Range: Not reported
Permit GIS Date Measured: Not reported
Permit GIS Source Name: Not reported
Permit GIS Collector Staff Code: Not reported
Permit GIS Certified Measurment: Not reported
Permit GPS Receiver Type Name: Not reported
Permit GPS Receiver Cannels: Not reported
Permit GIS Base Station Name: Not reported
Permit GIS Base Station Distance: Not reported
Permit GIS Min Point Positions: Not reported
Permit GIS PDOP Mask: Not reported
Permit GIS SNR Mask: Not reported
Permit GIS Hoizontal Accuracy: Not reported
Permit GIS Comment: Not reported
Permit GIS Huc: Not reported
Permit GIS Planning Segment: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

HOT SPRINGS TRAFFIC DEPT. (Continued)

EDR ID Number
 EPA ID Number

Database(s)

U001219823

Permit GIS Ark Sen Dist: Not reported
 Permit GIS Ark Rep Dist: Not reported
 Permit Prior Permit Number: Not reported
 Permit Other Identifier: Not reported
 Permit Primary SIC Code: Not reported
 Permit Secondary SIC Code: Not reported
 Permit Record Created: 7/16/1990
 Permit Media Description: RST
 Permit Type: Not reported
 Permit Status Description: Not reported
 Permit Fee Description: Not reported
 Permit Staff Name: Not reported
 Permit Latitude Degree: Not reported
 Permit Latitude Minute: Not reported
 Permit Latitude Second: Not reported
 Permit Longitude Degree: Not reported
 Permit Longitude Minute: Not reported
 Permit Longitude Second: Not reported
 Permit Latitude Decimal: Not reported
 Permit Longitude Decimal: Not reported
 Permit History: Not reported
 Permit Comment: Not reported

UST:

Facility ID:	26000113	Tank ID:	1
Tank Status:	Permanently Out of Service 01/03/96		
Install Date:	01/01/67		
Tank Contents:	Gasoline	Cerclis Name:	Not reported
Tank Material:	Steel		
GIS Location:	0	Federal Flag:	Not reported
Hazardous:	Not reported		
Entry Clerk:	Not reported	Entry Date:	/ /
Update Clerk:	MARSH	Update Date:	03/18/96
Date Recieved:	9/27/2001	Location SIC:	Not reported
Latitude:	Not reported	Longitude:	Not reported
Contact Name:	RON KOHLER	Contact Title:	PUBLIC WORKS DIR.
Contact Phone:	501-321-6860		
Certified Name:	RON KOHLER	Certified Title:	P.W.DIRECTOR
Date Signed:	9/25/2001	Amended:	Yes
Above Ground:	No	Below Ground:	Yes
Lust Flag:	No	Leak ID Number:	Not reported
No Bill:	No		
Capacity in Gallons:	10000		
Number of Compartments:	1		
Site Assesment Date:	/ /		
Site Assessment Leak:	Not reported		
Release Detection:	Unknown		
Release Detection Install Date:	/ /		
Tank External Corrosion Protection:	Asphalt, / /		
Tank Ext Corrosion Protection Install Date:	/ /		
Pipe Material:	Galvanized Steel		
Pipe Type:	Unknown		
Piper Release Detection:	Unknown		
Pipe Corrosion Protection:	Unknown		
Tank Spill and Overfill Protection:	Unknown		
Pipe Repaired:	/ /		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

HOT SPRINGS TRAFFIC DEPT. (Continued)

U001219823

Site Assessment Date: //
 Site Assessment Leak: No
 Release Detection: Unknown
 Release Detection Install Date: //
 Tank External Corrosion Protection: Unknown, //
 Tank Ext Corrosion Protection Install Date: //
 Pipe Material: Unknown
 Pipe Type: Unknown
 Piper Release Detection: Unknown
 Pipe Corrosion Protection: Unknown
 Tank Spill and Overfill Protection: Unknown
 Pipe Repaired: //
 Pipe Corrosion Protection: Unknown
 Certificate of Compliance Final Test Date: //
 Certificate of Compliance Test Company Licence: Not reported
 Certificate of Compliance Tester License: Not reported
 Certificate of Compliance Installation Date: //
 Certificate of Compliance Install Company Licence: Not reported
 Certificate of Compliance Installer License: Not reported
 Corrosion Protection: Not reported
 Spill and Overflow: Not reported
 Release Detection: Not reported
 ADEQ Facility ID: 2600657
 ADEQ Facility ID (with dash): 26-00657
 Date Reg. Cert. Issued: 5/5/1995
 Active Site: No
 Aboveground in Use: No
 Underground in Use: No
 Inspection with Pix: No
 Inspection with Reports: No
 Owner ID: 000583
 Owner Name: HOT SPRINGS, CITY OF
 Owner Address: 218 RUNYON STREET
 Owner City,St,Zip: No
 Owner County: GARLAND
 Owner Country: Not reported
 Owner Phone: 501-321-6911
 Owner Type: 3
 Tank Comments: Not reported

AST/UST Eligible:

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

Facility ID: 26000113 Tank ID: 3
Tank Status: Permanently Out of Service 09/14/01
 Install Date: //
 Tank Contents: DISCOVERY TANK Cerclis Name: Not reported
 Tank Material: Unknown
 GIS Location: 0 Federal Flag: Not reported
 Hazardous: Not reported
 Entry Clerk: MARSH Entry Date: 09/27/01

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

HOT SPRINGS TRAFFIC DEPT. (Continued)

EDR ID Number
 EPA ID Number

Database(s)

U001219823

Update Clerk:	MARSH	Update Date:	11/29/01
Date Received:	9/27/2001	Location SIC:	Not reported
Latitude:	Not reported	Longitude:	Not reported
Contact Name:	RON KOHLER	Contact Title:	PUBLIC WORKS DIR.
Contact Phone:	501-321-6860		
Certified Name:	RON KOHLER	Certified Title:	P.W.DIRECTOR
Date Signed:	9/25/2001	Amended:	Yes
Above Ground:	No	Below Ground:	Yes
Lust Flag:	No	Leak ID Number:	Not reported
No Bill:	No		
Capacity in Gallons:		1000	
Number of Compartments:		1	
Site Assessment Date:		//	
Site Assessment Leak:		No	
Release Detection:		Unknown	
Release Detection Install Date:		//	
Tank External Corrosion Protection:		Unknown, //	
Tank Ext Corrosion Protection Install Date:		//	
Pipe Material:		Unknown	
Pipe Type:		Unknown	
Piper Release Detection:		Unknown	
Pipe Corrosion Protection:		Unknown	
Tank Spill and Overfill Protection:		Unknown	
Pipe Repaired:		//	
Pipe Corrosion Protection:		Unknown	
Certificate of Compliance Final Test Date:		//	
Certificate of Compliance Test Company Licence:		Not reported	
Certificate of Compliance Tester License:		Not reported	
Certificate of Compliance Installation Date:		//	
Certificate of Compliance Install Company Licence:		Not reported	
Certificate of Compliance Installer License:		Not reported	
Corrosion Protection:		Not reported	
Spill and Overflow:		Not reported	
Release Detection:		Not reported	
ADEQ Facility ID:		2600657	
ADEQ Facility ID (with dash):		26-00657	
Date Reg. Cert. Issued:		5/5/1995	
Active Site:		No	
Aboveground in Use:		No	
Underground in Use:		No	
Inspection with Pix:		No	
Inspection with Reports:		No	
Owner ID:		000583	
Owner Name:		HOT SPRINGS, CITY OF	
Owner Address:		218 RUNYON STREET	
Owner City,St,Zip:		No	
Owner County:		GARLAND	
Owner Country:		Not reported	
Owner Phone:		501-321-6911	
Owner Type:		3	
Tank Comments:	Not reported		

AST/UST Eligible:
 Date Eligible: Not reported
 Transaction Code: Not reported
 Entry Clerk: Not reported
 Entry Date: Not reported
 Update Clerk: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

HOT SPRINGS TRAFFIC DEPT. (Continued)

U001219823

Update Data: Not reported
 Eligibility Description: Not reported

14
SSW
1/4-1/2
1729 ft.

ALL CARE PHARMACY
922 CENTRAL AVE.
HOT SPRINGS, AR 71901

LUST S104240344
N/A

Relative:
Lower

LUST:

Actual:
609 ft.

Notification Date: 10/6/1999 3:00:00 PM
 Notification Name: Walter Slaight
 Notification Address: 1068 Amity Road
 Notification City,St,Zip: Hot Springs, AR 71913
 Notification Telephone: 5015253009
 Facility Address 2: (former service station site)
 Facility Telephone: Not reported
 Facility County: 26
 Notice Number: 260046
 Received By: 25823
 Owner: Pat Ryland
 Leak Date: Not reported
 Leak Cause: Holes in abandoned tanks
 Leak Damage: Contaminated soil and groundwater
 Leak Volume: Not reported
 Tech Branch: 11/12/1999
 AFIN Number: 2600873
 RST Facility ID: 26001745
 Lust Tank Type: Underground Tank
 Lust Owner: Not reported
 Lust Discovery: PT Assessment
 Release Status: Confirmed
 Emergency Response: Not reported
 Emergency Response 2: Not reported
 Substance Stored: Unknown
 Damage Description: Sub Surface Soils/Groundwater
 Hazard Abatement: Not reported
 Remedial Action: Not reported
 Cleanup Initiated: 10/6/1999
 ISC Date: 11/22/1999
 Priority Score: Not reported
 SAR Date: 6/8/2000
 Cap Submit: Not reported
 Public Notify: Not reported
 Cap Approve: Not reported
 NFA Issued: 7/20/2000
 Funding Source: Not reported
 Cleanup Lead: Not reported
 Gis Location: Not reported
 Lust Tank Type 2: Underground Tank
 RST Modified By: Not reported
 RST Modified Dt: Not reported

Memo: METHOD OF DISCOVERY: Tank closure Referred to Technical Branch 19991103
 Contaminated soil and groundwater encountered during closure of abandoned tanks
 on 19991006. File referred to Technical Branch on this date. MAW 11/12/99
 (James Atchley) Casefile opened in the Technical Branch. 3/8/00 (James
 Atchley) Site assessment requested. 5/8/00 (James Atchley) Site assessment
 report received. 6/8/00 (James Atchley) No more work. MW abandonment

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ALL CARE PHARMACY (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104240344

ordered. 7/19/00 (James Atchley) Plug and abandon report on the monitoring wells. 7/20/00 (James Atchley) File closed by our No Further Action letter this date.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
HOT SPRINGS	A100276014	BODY CRUSHERS CO	401 HWY 128	71901	AST
HOT SPRINGS	1000428954	DELUXE SAW & TOOL COMPANY	RTE 2 BOX 873-F	71901	RCRA-SQG, FINDS
HOT SPRINGS	U001903352	DML, INC DELUXE DIVISION	ROUTE 2, BOX 812	71901	UST, PERMITS
HOT SPRINGS	S106413672	ARK HIGHWAY DEPT-HOT SPRINGS	HWY 270 EAST / HWY 70 EAST		PERMITS
HOT SPRINGS	984501950	HWY 270 23 MILE WEST OF HOT SPRING	HWY 270 23 MILE WEST OF HOT SP		ERNS
HOT SPRINGS	1000205160	XPRESS BOATS, INC.	HWY 270 E	71901	RCRA-LQG, CERC-NFRAP
HOT SPRINGS	1006929988	GARLAND COUNTY INDUSTRIAL PARK	HWY 270 5M E	71901	RCRA-SQG
HOT SPRINGS	U001219857	MT. VALLEY SUPERETTE	ROUTE 4, BOX 494	71901	UST, PERMITS
HOT SPRINGS	1000410659	SOUTHWESTERN BELL	HIGHWAY 7 SOUTH	71901	RCRA-SQG
HOT SPRINGS	U001903350	BULK PLANT #135	HIGHWAY 7 NORTH	71901	UST, PERMITS
HOT SPRINGS	U001903351	COBRA GROCERY	ROUTE 7, BOX 369	71901	UST, PERMITS
HOT SPRINGS	1005609294	MAGIC SPRINGS DEVELOPMENT CO	HWY 70	71901	FINDS
HOT SPRINGS	1004672925	ENTERGY-AR-HOT SPGS STOREROOM	2225 HIGHWAY 70 E	71901	RCRA-SQG, FINDS
HOT SPRINGS	U001219753	ARKANSAS STATE POLICE-TROOP K	HWY 70 E/POB 519 (OLD LOCATION	71901	UST, PERMITS
HOT SPRINGS	S106857094	D & R GROCERY	HIGHWAY 70 AIRPORT ROAD		LUST
HOT SPRINGS	U001219832	HOT SPRING HATCHERY	HIGHWAY 70E, P. O. BOX 1398	71901	UST, PERMITS
HOT SPRINGS	S106413579	HOT SPRINGS MALL	HWY 75	71901	PERMITS
HOT SPRINGS	S105172337	FOUNTAIN LAKE SUPERSTOP	100 HWY 7N	71901	LUST
HOT SPRINGS	1003875765	HOT SPRINGS BRASS FOUNDRY	CLEVELAND STREET	71901	CERC-NFRAP
HOT SPRINGS	1004673110	QUALITY PLUS INC	727 CONVENTION BLVD	71901	RCRA-SQG, FINDS
HOT SPRINGS	S106413664	HOT SPRINGS SURGICAL HOSPITAL	HIGDON FERRY / HWY 70		PERMITS
HOT SPRINGS	S106419751	GARLAND COUNTY TS-7N	622 NORTH HWY 7	71901	SWF/LF
HOT SPRINGS	S107766159	PATRICIA JEAN GRIFFIN	4303 SPRING STREET	71901	SWID
HOT SPRINGS	U001903339	DICKSONS'S COUNTRY MART	STAR ROUTE 10, BOX 265	71901	UST, PERMITS
HOT SPRINGS NATL PAR	1000281419	NOBLES DON ELECTRONICS INC	HWY 5	71901	RCRA-SQG, FINDS
HOT SPRINGS VILLAGE	U001219866	THE LUBE SHOP, INC.	HWY 7 NORTH, P.O. BOX 8023	71901	UST, PERMITS
HOT SPRINGS VILLAGE	U001903435	SUPERSTOP #130	4401 HWY 7 N	71901	UST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

FEDERAL RECORDS

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

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

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 8
Telephone: 303-312-6774

EPA Region 4
Telephone 404-562-8033

Proposed NPL: Proposed National Priority List Sites

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

DELISTED NPL: National Priority List Deletions

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

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

NPL RECOVERY: Federal Superfund Liens

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

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

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

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

RCRA: Resource Conservation and Recovery Act Information

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

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

ERNS: Emergency Response Notification System

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 12/31/2005	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-366-4555
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 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: Hazardous Substance Remedial Action Trust Fund Priority List

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

Date of Government Version: 12/02/2005
Date Data Arrived at EDR: 01/09/2006
Date Made Active in Reports: 02/07/2006
Number of Days to Update: 29

Source: Department of Environmental Quality
Telephone: 501-682-0850
Last EDR Contact: 07/12/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Annually

SWF/LF: Solid Waste Facility Permit Database

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 06/06/2006
Date Data Arrived at EDR: 06/07/2006
Date Made Active in Reports: 06/29/2006
Number of Days to Update: 22

Source: Department of Environmental Quality
Telephone: 501-682-0597
Last EDR Contact: 06/07/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Quarterly

SWID: Solid Waste Illegal Dumps Database

Date of Government Version: 06/05/2006
Date Data Arrived at EDR: 06/07/2006
Date Made Active in Reports: 06/29/2006
Number of Days to Update: 22

Source: Department of Environmental Quality
Telephone: 501-682-0600
Last EDR Contact: 06/07/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Quarterly

SWRCY: Recycling Directory

A listing of recycling facilities.

Date of Government Version: 06/05/2006
Date Data Arrived at EDR: 06/07/2006
Date Made Active in Reports: 06/29/2006
Number of Days to Update: 22

Source: Department of Environmental Quality
Telephone: 501-682-0865
Last EDR Contact: 06/07/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Semi-Annually

LUST: Leaking Underground Storage Tank Data

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: 04/13/2006
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/17/2006
Number of Days to Update: 33

Source: Department of Environmental Quality
Telephone: 501-682-0984
Last EDR Contact: 07/19/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: Quarterly

UST: Underground Storage Tank Data

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/13/2006
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/24/2006
Number of Days to Update: 40

Source: Department of Environmental Quality
Telephone: 501-682-0984
Last EDR Contact: 07/19/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: Quarterly

AST: Aboveground Tank Database
Aboveground storage tank locations.

Date of Government Version: 04/13/2006
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/24/2006
Number of Days to Update: 40

Source: Department of Environmental Quality
Telephone: 501-682-0984
Last EDR Contact: 07/19/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: Quarterly

SPILLS: Emergency Response Incidents
Spills and releases notified to the Department of Environmental Quality

Date of Government Version: 05/07/2006
Date Data Arrived at EDR: 05/09/2006
Date Made Active in Reports: 06/05/2006
Number of Days to Update: 27

Source: Department of Environmental Quality
Telephone: 501-682-0716
Last EDR Contact: 05/09/2006
Next Scheduled EDR Contact: 08/07/2006
Data Release Frequency: Quarterly

INST CONTROL: Institutional Control/Land Use Restriction Sites
Sites that have institutional controls and/or land use restrictions in place.

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

Source: Department of Environmental Quality
Telephone: 501-682-0867
Last EDR Contact: 06/16/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Sites
A listing of Voluntary Cleanup Program projects.

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

Source: Department of Environmental Quality
Telephone: 501-682-0867
Last EDR Contact: 07/12/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Varies

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

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

Source: Department of Environmental Quality
Telephone: 501-682-0867
Last EDR Contact: 06/16/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Varies

ENFORCEMENT: Consent Administrative Order, Notice of Violation Information Database
Violations issued to facilities in various Department of Environmental Quality programs, including Air, Hazardous Waste, Storage Tanks, Solid Waste and Water.

Date of Government Version: 04/13/2006
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/17/2006
Number of Days to Update: 33

Source: Department of Environmental Quality
Telephone: 501-682-0892
Last EDR Contact: 07/19/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLUDGE: Poultry Sludge Permit Sites

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

Date of Government Version: 04/10/2006

Date Data Arrived at EDR: 04/11/2006

Date Made Active in Reports: 05/17/2006

Number of Days to Update: 36

Source: Department of Environmental Quality

Telephone: 501-682-0673

Last EDR Contact: 07/12/2006

Next Scheduled EDR Contact: 10/09/2006

Data Release Frequency: Quarterly

PERMITS: Permit Data System

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

Date of Government Version: 04/10/2006

Date Data Arrived at EDR: 04/11/2006

Date Made Active in Reports: 05/17/2006

Number of Days to Update: 36

Source: Department of Environmental Quality

Telephone: 501-682-0673

Last EDR Contact: 07/12/2006

Next Scheduled EDR Contact: 10/09/2006

Data Release Frequency: Quarterly

AIRS: Permitted Facility Emission & Stack Data

Permitted facility emissions and stack data for the state.

Date of Government Version: 04/24/2006

Date Data Arrived at EDR: 05/01/2006

Date Made Active in Reports: 06/05/2006

Number of Days to Update: 35

Source: Department of Environmental Quality

Telephone: 501-682-0726

Last EDR Contact: 05/01/2006

Next Scheduled EDR Contact: 07/24/2006

Data Release Frequency: Quarterly

ASBESTOS: Asbestos Notification of Intent Database

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

Date of Government Version: 05/21/2006

Date Data Arrived at EDR: 05/22/2006

Date Made Active in Reports: 06/29/2006

Number of Days to Update: 38

Source: Department of Environmental Quality

Telephone: 501-682-0717

Last EDR Contact: 05/22/2006

Next Scheduled EDR Contact: 08/21/2006

Data Release Frequency: Quarterly

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations

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

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

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

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

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

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/17/2006
Date Made Active in Reports: 04/07/2006
Number of Days to Update: 49

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 06/14/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 05/02/2006
Date Data Arrived at EDR: 05/31/2006
Date Made Active in Reports: 06/27/2006
Number of Days to Update: 27

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/31/2006
Next Scheduled EDR Contact: 08/28/2006
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 05/04/2006
Date Made Active in Reports: 06/06/2006
Number of Days to Update: 33

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/12/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 09/30/2005
Date Data Arrived at EDR: 05/09/2006
Date Made Active in Reports: 05/24/2006
Number of Days to Update: 15

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 06/19/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 05/02/2006
Number of Days to Update: 46

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 07/11/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: PennWell Corporation
Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands, Swamps, or Marshes

Source: Center for Advanced Spatial Technologies, University of Arkansas

Telephone: 605-594-6933

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

HOT SPRINGS USARC
200 RESERVE STREET
HOT SPRINGS, AR 71901

TARGET PROPERTY COORDINATES

Latitude (North):	34.51140 - 34° 30' 41.0"
Longitude (West):	93.0515 - 93° 3' 5.4"
Universal Transverse Mercator:	Zone 15
UTM X (Meters):	495272.7
UTM Y (Meters):	3818666.5
Elevation:	625 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	34093-E1 HOT SPRINGS NORTH, AR
Most Recent Revision:	1976
South Map:	34093-D1 HOT SPRINGS SOUTH, AR
Most Recent Revision:	1976

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).

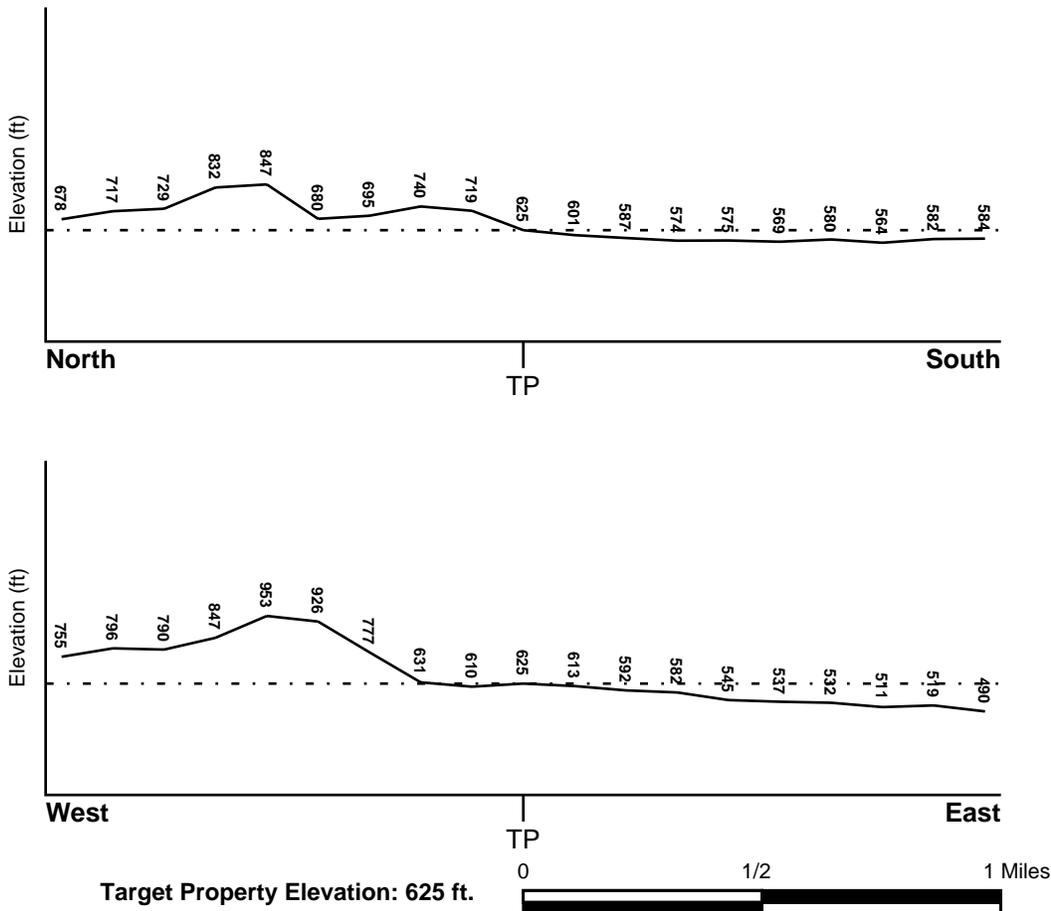
TOPOGRAPHIC INFORMATION

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> GARLAND, AR	<u>FEMA Flood Electronic Data</u> Not Available
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Flood Plain Panel at Target Property: Not Reported

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> HOT SPRINGS NORTH	<u>NWI Electronic Data Coverage</u> YES - refer to the Overview Map and Detail Map
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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: Devonian and Silurian
Series: Devonian and Silurian
Code: DS (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: YANUSH

Soil Surface Texture: very cherty - silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	16 inches	very cherty - silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 6.50 Min: 5.60
2	16 inches	70 inches	very cherty - clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 2.00 Min: 0.60	Max: 6.00 Min: 4.50

OTHER SOIL TYPES IN AREA

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

Soil Surface Textures: stony - silt loam
 very gravelly - silt loam
 gravelly - silt loam
 gravelly - fine sandy loam
 stony - loam

Surficial Soil Types: stony - silt loam
 very gravelly - silt loam
 gravelly - silt loam
 gravelly - fine sandy loam
 stony - loam

Shallow Soil Types: very channery - silt loam
 silty clay loam
 clay

Deeper Soil Types: unweathered bedrock
 weathered bedrock
 very gravelly - loam

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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>
1	USGS2589084	0 - 1/8 Mile WNW
2	USGS2588944	1/8 - 1/4 Mile North
A3	USGS2588943	1/8 - 1/4 Mile NW
A4	USGS2588767	1/8 - 1/4 Mile NW
A5	USGS2588769	1/8 - 1/4 Mile NNW
A6	USGS2588768	1/8 - 1/4 Mile NW
A7	USGS2588770	1/8 - 1/4 Mile NW
B8	USGS2588772	1/8 - 1/4 Mile NNW
A9	USGS2588771	1/8 - 1/4 Mile NNW
B10	USGS2588773	1/8 - 1/4 Mile NNW
B11	USGS2588775	1/8 - 1/4 Mile NNW
B12	USGS2588780	1/8 - 1/4 Mile NNW
B13	USGS2588779	1/8 - 1/4 Mile NNW
B14	USGS2588776	1/4 - 1/2 Mile NNW
B15	USGS2588781	1/4 - 1/2 Mile NNW
B16	USGS2588784	1/4 - 1/2 Mile North
B17	USGS2588785	1/4 - 1/2 Mile NNW
B18	USGS2588786	1/4 - 1/2 Mile NNW
C19	USGS2588787	1/4 - 1/2 Mile NNW
C20	USGS2588789	1/4 - 1/2 Mile NNW
C21	USGS2588788	1/4 - 1/2 Mile NNW
C22	USGS2588790	1/4 - 1/2 Mile NNW
C23	USGS2588793	1/4 - 1/2 Mile NNW
D24	USGS2588795	1/4 - 1/2 Mile North
C25	USGS2588796	1/4 - 1/2 Mile NNW
C26	USGS2588794	1/4 - 1/2 Mile NNW
D27	USGS2588799	1/4 - 1/2 Mile North
D28	USGS2588800	1/4 - 1/2 Mile North
29	USGS2588801	1/4 - 1/2 Mile NNW
30	USGS2588802	1/2 - 1 Mile NNE
32	USGS2588803	1/2 - 1 Mile NW
E33	USGS2588791	1/2 - 1 Mile WNW
E34	USGS2588797	1/2 - 1 Mile WNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
31	ARN000023	1/2 - 1 Mile SW

Note: PWS System location is not always the same as well location.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

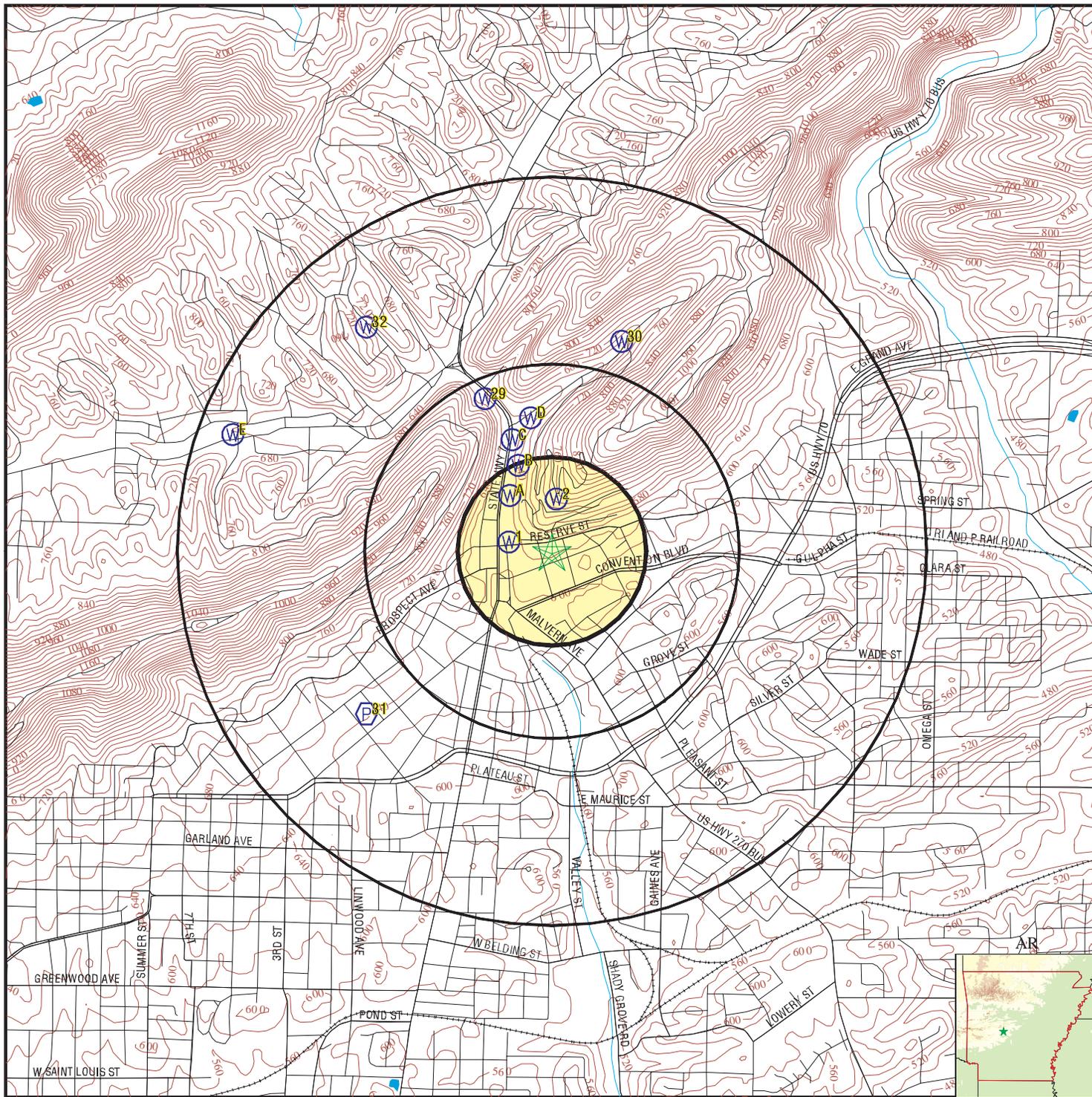
MAP ID

WELL ID

LOCATION
FROM TP

No Wells Found

PHYSICAL SETTING SOURCE MAP - 1718384.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data

SITE NAME: Hot Springs USARC
 ADDRESS: 200 Reserve Street
 Hot Springs AR 71901
 LAT/LONG: 34.5114 / 93.0515

CLIENT: ENSAFE
 CONTACT: Phil Hardy
 INQUIRY #: 1718384.2s
 DATE: July 19, 2006

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
WNW
0 - 1/8 Mile
Lower

FED USGS USGS2589084

Agency cd:	USGS	Site no:	07358280
Site name:	Hot Springs at Hot Springs, AR		
Latitude:	343042		
Longitude:	0930312	Dec lat:	34.51175606
Dec lon:	-93.05351277	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	05
State:	05	County:	051
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	595	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	Ouachita Headwaters. Arkansas. Area = 1550 sq.mi.		
Topographic:	Not Reported		
Site type:	Spring	Date construction:	Not Reported
Date inventoried:	19871001	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Spring		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported		
Source of depth data:	Not Reported		
Real time data flag:	1	Hole depth:	Not Reported
Daily flow data begin date:	1993-09-30	Project number:	Not Reported
Daily flow data end date:	0000-00-00	Daily flow data begin date:	1988-11-22
Peak flow data begin date:	0	Daily flow data count:	1602
Peak flow data count:	0	Peak flow data end date:	0000-00-00
Water quality data begin date:	2002-08-14	Water quality data begin date:	2002-08-14
Water quality data end date:	2002-08-14	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

2
North
1/8 - 1/4 Mile
Higher

FED USGS USGS2588944

Agency cd:	USGS	Site no:	343048093030401
Site name:	02S19W33CBD1		
Latitude:	343048		
Longitude:	0930304	Dec lat:	34.51342274
Dec lon:	-93.05129045	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	05
State:	05	County:	051
Country:	US	Land net:	SENWSWS33 T02S R19W 5
Location map:	HOT SPRINGS NORTH	Map scale:	24000
Altitude:	740	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	Ouachita Headwaters. Arkansas. Area = 1550 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	CST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A4
NW
1/8 - 1/4 Mile
Lower

FED USGS USGS2588767

Agency cd:	USGS	Site no:	343048093031201
Site name:	02S19W33CBC5		
Latitude:	343048		
Longitude:	0930312	Dec lat:	34.51342274
Dec lon:	-93.05351277	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	05
State:	05	County:	051
Country:	US	Land net:	SWNWSW S33 T02S R19W 5
Location map:	HOT SPRINGS NORTH	Map scale:	24000
Altitude:	610	Altitude method:	M
Altitude accuracy:	20	Altitude datum:	NGVD29
Hydrologic:	Ouachita Headwaters. Arkansas. Area = 1550 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	19930618	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	HOT SPRINGS SANDSTONE		
Well depth:	67.5	Hole depth:	Not Reported
Source of depth data:	reporting agency (generally USGS)	Project number:	450507300
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

A5
NNW
1/8 - 1/4 Mile
Lower

FED USGS USGS2588769

Agency cd:	USGS	Site no:	343049093031101
Site name:	02S19W33CBC4SP		
Latitude:	343049		
Longitude:	0930311	Dec lat:	34.51370052
Dec lon:	-93.05323498	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	05
State:	05	County:	051
Country:	US	Land net:	SWNWSW S33 T02S R19W 5
Location map:	HOT SPRINGS NORTH	Map scale:	24000
Altitude:	620	Altitude method:	M
Altitude accuracy:	20	Altitude datum:	NGVD29
Hydrologic:	Ouachita Headwaters. Arkansas. Area = 1550 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Spring	Date construction:	Not Reported
Date inventoried:	19930526	Mean greenwich time offset:	CST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	Y	Hole depth:	Not Reported
Type of ground water site:	Spring	Project number:	450507300
Aquifer Type:	Not Reported	Daily flow data begin date:	0000-00-00
Aquifer:	HOT SPRINGS SANDSTONE	Daily flow data count:	0
Well depth:	Not Reported	Peak flow data end date:	0000-00-00
Source of depth data:	Not Reported	Water quality data begin date:	1972-01-18
Real time data flag:	0	Water quality data count:	1
Daily flow data end date:	0000-00-00	Ground water data end date:	0000-00-00
Peak flow data begin date:	0000-00-00		
Peak flow data count:	0		
Water quality data end date:	1972-01-18		
Ground water data begin date:	0000-00-00		
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

**A6
NW
1/8 - 1/4 Mile
Lower**

FED USGS USGS2588768

Agency cd:	USGS	Site no:	343048093031301
Site name:	Quapaw Spring		
Latitude:	343048		
Longitude:	0930313	Dec lat:	34.51342274
Dec lon:	-93.05379056	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	05
State:	05	County:	051
Country:	US	Land net:	Not Reported
Location map:	HOT SPRINGS NORTH	Map scale:	24000
Altitude:	Not Reported	Altitude method:	Not Reported
Altitude accuracy:	Not Reported	Altitude datum:	Not Reported
Hydrologic:	Ouachita Headwaters. Arkansas. Area = 1550 sq.mi.		
Topographic:	Flat surface		
Site type:	Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Spring		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	4605-09200
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	2000-09-18
Water quality data end date:	2001-10-11	Water quality data count:	2
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

**A7
NW
1/8 - 1/4 Mile
Lower**

FED USGS USGS2588770

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	343049093031301
Site name:	Fordyce Spring		
Latitude:	343049		
Longitude:	0930313	Dec lat:	34.51370052
Dec lon:	-93.05379056	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	05
State:	05	County:	051
Country:	US	Land net:	Not Reported
Location map:	HOT SPRINGS NORTH	Map scale:	24000
Altitude:	Not Reported	Altitude method:	Not Reported
Altitude accuracy:	Not Reported	Altitude datum:	Not Reported
Hydrologic:	Ouachita Headwaters. Arkansas. Area = 1550 sq.mi.		
Topographic:	Flat surface		
Site type:	Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Spring		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	4605-09200
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	2000-09-20
Water quality data end date:	2001-10-11	Water quality data count:	2
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

**B8
NNW
1/8 - 1/4 Mile
Higher**

FED USGS USGS2588772

Agency cd:	USGS	Site no:	343051093030901
Site name:	02S19W33CBC3SP		
Latitude:	343051		
Longitude:	0930309	Dec lat:	34.51425609
Dec lon:	-93.0526794	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	05
State:	05	County:	051
Country:	US	Land net:	SWNWSW S33 T02S R19W 5
Location map:	HOT SPRINGS NORTH	Map scale:	24000
Altitude:	660	Altitude method:	M
Altitude accuracy:	20	Altitude datum:	NGVD29
Hydrologic:	Ouachita Headwaters. Arkansas. Area = 1550 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Spring	Date construction:	Not Reported
Date inventoried:	19930526	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Spring		
Aquifer Type:	Not Reported		
Aquifer:	HOT SPRINGS SANDSTONE		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	450507300
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0
 Water quality data end date: 1972-01-26
 Ground water data begin date: 0000-00-00
 Ground water data count: 0

Water quality data begin date: 1972-01-26
 Water quality data count: 1
 Ground water data end date: 0000-00-00

Ground-water levels, Number of Measurements: 0

**A9
 NNW
 1/8 - 1/4 Mile
 Lower**

FED USGS USGS2588771

Agency cd: USGS	Site no: 343050093031201
Site name: DISPLAY SPRING	
Latitude: 343050	
Longitude: 0930312	Dec lat: 34.51397831
Dec lon: -93.05351277	Coor meth: M
Coor accr: S	Latlong datum: NAD27
Dec latlong datum: NAD83	District: 05
State: 05	County: 051
Country: US	Land net: Not Reported
Location map: HOT SPRINGS NORTH	Map scale: 24000
Altitude: Not Reported	Altitude method: Not Reported
Altitude accuracy: Not Reported	Altitude datum: Not Reported
Hydrologic: Not Reported	
Topographic: Flat surface	
Site type: Spring	Date construction: Not Reported
Date inventoried: Not Reported	Mean greenwich time offset: CST
Local standard time flag: Y	
Type of ground water site: Spring	
Aquifer Type: Not Reported	
Aquifer: Not Reported	
Well depth: Not Reported	Hole depth: Not Reported
Source of depth data: Not Reported	Project number: 4605-09200
Real time data flag: 0	Daily flow data begin date: 0000-00-00
Daily flow data end date: 0000-00-00	Daily flow data count: 0
Peak flow data begin date: 0000-00-00	Peak flow data end date: 0000-00-00
Peak flow data count: 0	Water quality data begin date: 2000-09-19
Water quality data end date: 2001-10-11	Water quality data count: 2
Ground water data begin date: 0000-00-00	Ground water data end date: 0000-00-00
Ground water data count: 0	

Ground-water levels, Number of Measurements: 0

**B10
 NNW
 1/8 - 1/4 Mile
 Lower**

FED USGS USGS2588773

Agency cd: USGS	Site no: 343051093031101
Site name: 02S19W33CBC2SP	
Latitude: 343051	
Longitude: 0930311	Dec lat: 34.51425609
Dec lon: -93.05323498	Coor meth: M
Coor accr: S	Latlong datum: NAD27
Dec latlong datum: NAD83	District: 05
State: 05	County: 051
Country: US	Land net: NWNWSW S33 T02S R19W 5
Location map: HOT SPRINGS NORTH	Map scale: 24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	620	Altitude method:	M
Altitude accuracy:	20	Altitude datum:	NGVD29
Hydrologic:	Ouachita Headwaters. Arkansas. Area = 1550 sq.mi.		
Topographic:	Flat surface		
Site type:	Spring	Date construction:	Not Reported
Date inventoried:	19930526	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Spring		
Aquifer Type:	Not Reported		
Aquifer:	HOT SPRINGS SANDSTONE		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	450507300
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1972-01-20
Water quality data end date:	1972-01-20	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

**B11
NNW
1/8 - 1/4 Mile
Higher**

FED USGS USGS2588775

Agency cd:	USGS	Site no:	343052093031001
Site name:	02S19W33CBB1SP		
Latitude:	343052		
Longitude:	0930310	Dec lat:	34.51453387
Dec lon:	-93.05295719	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	05
State:	05	County:	051
Country:	US	Land net:	NWNWSWS33 T02S R19W 5
Location map:	Hot Springs North	Map scale:	24000
Altitude:	640	Altitude method:	M
Altitude accuracy:	20	Altitude datum:	NGVD29
Hydrologic:	Ouachita Headwaters. Arkansas. Area = 1550 sq.mi.		
Topographic:	Flat surface		
Site type:	Spring	Date construction:	20030923
Date inventoried:	20030923	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Spring		
Aquifer Type:	Mixed - confined and unconfined multiple aquifers		
Aquifer:	HOT SPRINGS SANDSTONE		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	85789LU00
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

B12
NNW
1/8 - 1/4 Mile
Higher

FED USGS USGS2588780

Agency cd:	USGS	Site no:	343053093031002
Site name:	02S19W33CBB7SP		
Latitude:	343053		
Longitude:	0930310	Dec lat:	34.51481165
Dec lon:	-93.05295719	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	05
State:	05	County:	051
Country:	US	Land net:	NWNWSWS33 T02S R19W 5
Location map:	HOT SPRINGS NORTH	Map scale:	24000
Altitude:	640	Altitude method:	M
Altitude accuracy:	20	Altitude datum:	NGVD29
Hydrologic:	Ouachita Headwaters. Arkansas. Area = 1550 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Spring	Date construction:	20030923
Date inventoried:	20030923	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Spring		
Aquifer Type:	Mixed - confined and unconfined multiple aquifers		
Aquifer:	HOT SPRINGS SANDSTONE		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	85789LU00
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

B13
NNW
1/8 - 1/4 Mile
Higher

FED USGS USGS2588779

Agency cd:	USGS	Site no:	343053093031001
Site name:	02S19W33CBB2SP		
Latitude:	343053		
Longitude:	0930310	Dec lat:	34.51481165
Dec lon:	-93.05295719	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	05
State:	05	County:	051
Country:	US	Land net:	NWNWSW S33 T02S R19W 5
Location map:	HOT SPRINGS NORTH	Map scale:	24000
Altitude:	650	Altitude method:	M
Altitude accuracy:	20	Altitude datum:	NGVD29
Hydrologic:	Ouachita Headwaters. Arkansas. Area = 1550 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Spring	Date construction:	Not Reported
Date inventoried:	19930517	Mean greenwich time offset:	CST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	Y		
Type of ground water site:	Spring		
Aquifer Type:	Not Reported		
Aquifer:	HOT SPRINGS SANDSTONE		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	450507300
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1972-01-21
Water quality data end date:	1993-07-06	Water quality data count:	2
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

B14
NNW
1/4 - 1/2 Mile
Lower

FED USGS USGS2588776

Agency cd:	USGS	Site no:	343052093031301
Site name:	HALE SPRING		
Latitude:	343052		
Longitude:	0930313	Dec lat:	34.51453387
Dec lon:	-93.05379056	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	05
State:	05	County:	051
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	24000
Altitude:	Not Reported	Altitude method:	Not Reported
Altitude accuracy:	Not Reported	Altitude datum:	Not Reported
Hydrologic:	Ouachita Headwaters. Arkansas. Area = 1550 sq.mi.		
Topographic:	Flat surface		
Site type:	Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Spring		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	4605-09200
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	2000-09-18
Water quality data end date:	2001-10-11	Water quality data count:	2
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

B15
NNW
1/4 - 1/2 Mile
Lower

FED USGS USGS2588781

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	343053093031101
Site name:	02S19W33CBB4SP		
Latitude:	343053		
Longitude:	0930311	Dec lat:	34.51481165
Dec lon:	-93.05323498	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	05
State:	05	County:	051
Country:	US	Land net:	NWNWSE S33 T02S R19W 5
Location map:	HOT SPRINGS NORTH	Map scale:	24000
Altitude:	635	Altitude method:	M
Altitude accuracy:	20	Altitude datum:	NGVD29
Hydrologic:	Ouachita Headwaters. Arkansas. Area = 1550 sq.mi.		
Topographic:	Flat surface		
Site type:	Spring	Date construction:	Not Reported
Date inventoried:	19930526	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Spring		
Aquifer Type:	Not Reported		
Aquifer:	HOT SPRINGS SANDSTONE		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	450507300
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1972-01-26
Water quality data end date:	1972-01-26	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

B16
North
1/4 - 1/2 Mile
Higher

FED USGS USGS2588784

Agency cd:	USGS	Site no:	343054093030701
Site name:	02S19W33CBA1SP		
Latitude:	343054		
Longitude:	0930307	Dec lat:	34.51508943
Dec lon:	-93.05212382	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	05
State:	05	County:	051
Country:	US	Land net:	NENWSWS33 T02S R19W 5
Location map:	Hot Springs North	Map scale:	24000
Altitude:	680	Altitude method:	M
Altitude accuracy:	20	Altitude datum:	NGVD29
Hydrologic:	Ouachita Headwaters. Arkansas. Area = 1550 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Spring	Date construction:	20030923
Date inventoried:	20030923	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Spring		
Aquifer Type:	Mixed - confined and unconfined multiple aquifers		
Aquifer:	HOT SPRINGS SANDSTONE		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	85789LU00
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: Not Reported
 Water quality data end date: Not Reported
 Ground water data begin date: Not Reported
 Ground water data count: Not Reported

Water quality data begin date: Not Reported
 Water quality data count: Not Reported
 Ground water data end date: Not Reported

Ground-water levels, Number of Measurements: 0

B17
NNW
1/4 - 1/2 Mile
Lower

FED USGS USGS2588785

Agency cd:	USGS	Site no:	343054093031101
Site name:	02S19W33CBB3SP		
Latitude:	343054		
Longitude:	0930311	Dec lat:	34.51508943
Dec lon:	-93.05323498	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	05
State:	05	County:	051
Country:	US	Land net:	NWNWSE S33 T02S R19W 5
Location map:	HOT SPRINGS NORTH	Map scale:	24000
Altitude:	630	Altitude method:	M
Altitude accuracy:	20	Altitude datum:	NGVD29
Hydrologic:	Ouachita Headwaters. Arkansas. Area = 1550 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Spring	Date construction:	Not Reported
Date inventoried:	19930517	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Spring		
Aquifer Type:	Not Reported		
Aquifer:	BIGFORK CHERT		
Well depth:	235	Hole depth:	Not Reported
Source of depth data:	reporting agency (generally USGS)	Project number:	450507300
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

B18
NNW
1/4 - 1/2 Mile
Lower

FED USGS USGS2588786

Agency cd:	USGS	Site no:	343054093031201
Site name:	SPRING 49		
Latitude:	343054		
Longitude:	0930312	Dec lat:	34.51508943
Dec lon:	-93.05351277	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	05
State:	05	County:	051
Country:	US	Land net:	Not Reported
Location map:	HOT SPRINGS NORTH	Map scale:	24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude: Not Reported	Altitude method: Not Reported
Altitude accuracy: Not Reported	Altitude datum: Not Reported
Hydrologic: Not Reported	
Topographic: Not Reported	
Site type: Spring	Date construction: Not Reported
Date inventoried: Not Reported	Mean greenwich time offset: CST
Local standard time flag: Y	
Type of ground water site: Spring	
Aquifer Type: Not Reported	
Aquifer: Not Reported	
Well depth: Not Reported	Hole depth: Not Reported
Source of depth data: Not Reported	Project number: 4605-09200
Real time data flag: 0	Daily flow data begin date: 0000-00-00
Daily flow data end date: 0000-00-00	Daily flow data count: 0
Peak flow data begin date: 0000-00-00	Peak flow data end date: 0000-00-00
Peak flow data count: 0	Water quality data begin date: 2000-09-21
Water quality data end date: 2001-10-11	Water quality data count: 2
Ground water data begin date: 0000-00-00	Ground water data end date: 0000-00-00
Ground water data count: 0	

Ground-water levels, Number of Measurements: 0

C19
NNW
1/4 - 1/2 Mile
Lower

FED USGS USGS2588787

Agency cd: USGS	Site no: 343055093031201
Site name: 02S19W33CBB5SP	
Latitude: 343055	
Longitude: 0930312	Dec lat: 34.51536721
Dec lon: -93.05351277	Coor meth: M
Coor accr: S	Latlong datum: NAD27
Dec latlong datum: NAD83	District: 05
State: 05	County: 051
Country: US	Land net: NWNWSW S33 T02S R19W 5
Location map: HOT SPRINGS NORTH	Map scale: 24000
Altitude: 605	Altitude method: M
Altitude accuracy: 20	Altitude datum: NGVD29
Hydrologic: Ouachita Headwaters. Arkansas. Area = 1550 sq.mi.	
Topographic: Flat surface	
Site type: Spring	Date construction: Not Reported
Date inventoried: 19930526	Mean greenwich time offset: CST
Local standard time flag: Y	
Type of ground water site: Spring	
Aquifer Type: Not Reported	
Aquifer: HOT SPRINGS SANDSTONE	
Well depth: Not Reported	Hole depth: Not Reported
Source of depth data: Not Reported	Project number: 450507300
Real time data flag: 0	Daily flow data begin date: 0000-00-00
Daily flow data end date: 0000-00-00	Daily flow data count: 0
Peak flow data begin date: 0000-00-00	Peak flow data end date: 0000-00-00
Peak flow data count: 0	Water quality data begin date: 1972-01-27
Water quality data end date: 1972-01-27	Water quality data count: 1
Ground water data begin date: 0000-00-00	Ground water data end date: 0000-00-00
Ground water data count: 0	

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

C20
NNW
1/4 - 1/2 Mile
Higher

FED USGS USGS2588789

Agency cd:	USGS	Site no:	343056093030901
Site name:	SPRING 8		
Latitude:	343056		
Longitude:	0930309	Dec lat:	34.51564499
Dec lon:	-93.0526794	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	05
State:	05	County:	051
Country:	US	Land net:	Not Reported
Location map:	HOT SPRINGS NORTH	Map scale:	24000
Altitude:	Not Reported	Altitude method:	Not Reported
Altitude accuracy:	Not Reported	Altitude datum:	Not Reported
Hydrologic:	Not Reported		
Topographic:	Not Reported		
Site type:	Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Spring		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	4605-09200
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	2000-09-22
Water quality data end date:	2001-10-11	Water quality data count:	2
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

C21
NNW
1/4 - 1/2 Mile
Lower

FED USGS USGS2588788

Agency cd:	USGS	Site no:	343055093031301
Site name:	SPRING 9		
Latitude:	343055		
Longitude:	0930313	Dec lat:	34.51536721
Dec lon:	-93.05379056	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	05
State:	05	County:	051
Country:	US	Land net:	Not Reported
Location map:	HOT SPRINGS NORTH	Map scale:	24000
Altitude:	Not Reported	Altitude method:	Not Reported
Altitude accuracy:	Not Reported	Altitude datum:	Not Reported
Hydrologic:	Not Reported		
Topographic:	Not Reported		
Site type:	Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	CST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	Y		
Type of ground water site:	Spring		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	4605-09200
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	2000-09-21
Water quality data end date:	2001-10-11	Water quality data count:	2
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

C22
NNW
1/4 - 1/2 Mile
Lower

FED USGS USGS2588790

Agency cd:	USGS	Site no:	343056093031301
Site name:	hale bath house spring		
Latitude:	343056		
Longitude:	0930313	Dec lat:	34.51564499
Dec lon:	-93.05379056	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	05
State:	05	County:	051
Country:	US	Land net:	Not Reported
Location map:	HOT SPRINGS NORTH	Map scale:	24000
Altitude:	Not Reported	Altitude method:	Not Reported
Altitude accuracy:	Not Reported	Altitude datum:	Not Reported
Hydrologic:	Not Reported		
Topographic:	Not Reported		
Site type:	Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Spring		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	09200
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

C23
NNW
1/4 - 1/2 Mile
Lower

FED USGS USGS2588793

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	343057093031101
Site name:	02S19W33CBB1		
Latitude:	343057		
Longitude:	0930311	Dec lat:	34.51592277
Dec lon:	-93.05323498	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	05
State:	05	County:	051
Country:	US	Land net:	NWNWSW S33 T02S R19W 5
Location map:	HOT SPRINGS NORTH	Map scale:	24000
Altitude:	615	Altitude method:	M
Altitude accuracy:	1	Altitude datum:	NGVD29
Hydrologic:	Ouachita Headwaters. Arkansas. Area = 1550 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	19930412	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	HOT SPRINGS SANDSTONE		
Well depth:	200	Hole depth:	Not Reported
Source of depth data:	owner	Project number:	450507300
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1993-06-02
Water quality data end date:	1993-08-03	Water quality data count:	11
Ground water data begin date:	1993-04-12	Ground water data end date:	1993-04-12
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1993-04-12	7.05	

**D24
North
1/4 - 1/2 Mile
Higher**

FED USGS USGS2588795

Agency cd:	USGS	Site no:	343058093030803
Site name:	02S19W33BCD1SP		
Latitude:	343058		
Longitude:	0930308	Dec lat:	34.51620056
Dec lon:	-93.05240161	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	05
State:	05	County:	051
Country:	US	Land net:	SESWNW S33 T02S R19W 5
Location map:	HOT SPRINGS NORTH	Map scale:	24000
Altitude:	681	Altitude method:	M
Altitude accuracy:	20	Altitude datum:	NGVD29
Hydrologic:	Ouachita Headwaters. Arkansas. Area = 1550 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Spring	Date construction:	Not Reported
Date inventoried:	19930526	Mean greenwich time offset:	CST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	Y		
Type of ground water site:	Spring		
Aquifer Type:	Not Reported		
Aquifer:	HOT SPRINGS SANDSTONE		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	450507300
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1972-01-25
Water quality data end date:	1972-01-25	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

**C25
NNW
1/4 - 1/2 Mile
Higher**

FED USGS USGS2588796

Agency cd:	USGS	Site no:	343058093030901
Site name:	SPRING 47		
Latitude:	343058		
Longitude:	0930309	Dec lat:	34.51620056
Dec lon:	-93.0526794	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	05
State:	05	County:	051
Country:	US	Land net:	Not Reported
Location map:	HOT SPRINGS NORTH	Map scale:	24000
Altitude:	Not Reported	Altitude method:	Not Reported
Altitude accuracy:	Not Reported	Altitude datum:	Not Reported
Hydrologic:	Not Reported		
Topographic:	Not Reported		
Site type:	Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Spring		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	4605-09200
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	2000-09-22
Water quality data end date:	2001-10-11	Water quality data count:	2
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

**C26
NNW
1/4 - 1/2 Mile
Lower**

FED USGS USGS2588794

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	343057093031301
Site name:	02S19W33CBB6SP		
Latitude:	343057		
Longitude:	0930313	Dec lat:	34.51592277
Dec lon:	-93.05379056	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	05
State:	05	County:	051
Country:	US	Land net:	NWNWSE S33 T02S R19W 5
Location map:	HOT SPRINGS NORTH	Map scale:	24000
Altitude:	621	Altitude method:	M
Altitude accuracy:	20	Altitude datum:	NGVD29
Hydrologic:	Ouachita Headwaters. Arkansas. Area = 1550 sq.mi.		
Topographic:	Flat surface		
Site type:	Spring	Date construction:	Not Reported
Date inventoried:	19930526	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Spring		
Aquifer Type:	Not Reported		
Aquifer:	HOT SPRINGS SANDSTONE		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	450507300
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1972-01-25
Water quality data end date:	2001-10-11	Water quality data count:	3
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

**D27
North
1/4 - 1/2 Mile
Higher**

FED USGS USGS2588799

Agency cd:	USGS	Site no:	343059093030801
Site name:	02S19W33BCD1		
Latitude:	343059		
Longitude:	0930308	Dec lat:	34.51647834
Dec lon:	-93.05240161	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	05
State:	05	County:	051
Country:	US	Land net:	SESWNW S33 T02S R19W 5
Location map:	HOT SPRINGS NORTH	Map scale:	24000
Altitude:	620	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	Ouachita Headwaters. Arkansas. Area = 1550 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	19930527	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	HOT SPRINGS SANDSTONE		
Well depth:	190	Hole depth:	Not Reported
Source of depth data:	other government (other than USGS)	Project number:	450507300
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0
 Water quality data end date: 1993-06-16
 Ground water data begin date: 1993-06-03
 Ground water data count: 1

Water quality data begin date: 1993-06-16
 Water quality data count: 1
 Ground water data end date: 1993-06-03

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
----- 1993-06-03	6.61	

D28
North
1/4 - 1/2 Mile
Higher

FED USGS USGS2588800

Agency cd:	USGS	Site no:	343101093030901
Site name:	02S19W33BCC1		
Latitude:	343101		
Longitude:	0930309	Dec lat:	34.5170339
Dec lon:	-93.0526794	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	05
State:	05	County:	051
Country:	US	Land net:	SWSWNW S33 T02S R19W 5
Location map:	HOT SPRINGS NORTH	Map scale:	24000
Altitude:	630	Altitude method:	M
Altitude accuracy:	20	Altitude datum:	NGVD29
Hydrologic:	Ouachita Headwaters. Arkansas. Area = 1550 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	19930527	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	HOT SPRINGS SANDSTONE		
Well depth:	202	Hole depth:	Not Reported
Source of depth data:	owner	Project number:	450507300
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1993-06-28
Water quality data end date:	1993-06-28	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

29
NNW
1/4 - 1/2 Mile
Higher

FED USGS USGS2588801

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	343102093031601
Site name:	02S19W33BCC1SP		
Latitude:	343102		
Longitude:	0930316	Dec lat:	34.51731168
Dec lon:	-93.05462393	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	05
State:	05	County:	051
Country:	US	Land net:	SWSWNW S33 T02S R19W 5
Location map:	HOT SPRINGS NORTH	Map scale:	24000
Altitude:	620	Altitude method:	M
Altitude accuracy:	20	Altitude datum:	NGVD29
Hydrologic:	Ouachita Headwaters. Arkansas. Area = 1550 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Spring	Date construction:	Not Reported
Date inventoried:	19930721	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Spring		
Aquifer Type:	Not Reported		
Aquifer:	ARKANSAS NOVACULITE		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	450507300
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1993-07-09
Water quality data end date:	1993-07-09	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

**30
NNE
1/2 - 1 Mile
Higher**

FED USGS USGS2588802

Agency cd:	USGS	Site no:	343110093025301
Site name:	02S19W33BDB1SP		
Latitude:	343110		
Longitude:	0930253	Dec lat:	34.51953393
Dec lon:	-93.04823476	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	05
State:	05	County:	051
Country:	US	Land net:	NWSENW S33 T02S R19W 5
Location map:	HOT SPRINGS NORTH	Map scale:	24000
Altitude:	680	Altitude method:	M
Altitude accuracy:	20	Altitude datum:	NGVD29
Hydrologic:	Ouachita Headwaters. Arkansas. Area = 1550 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Spring	Date construction:	Not Reported
Date inventoried:	19930514	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Spring		
Aquifer Type:	Not Reported		
Aquifer:	ARKANSAS NOVACULITE		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	450507300
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0	Water quality data begin date: 1972-01-24
Water quality data end date: 2001-10-11	Water quality data count: 4
Ground water data begin date: 0000-00-00	Ground water data end date: 0000-00-00
Ground water data count: 0	

Ground-water levels, Number of Measurements: 0

31
SW
1/2 - 1 Mile
Higher

FRDS PWS ARN000023

PWS ID:	ARN000023	PWS Status:	Active
Date Initiated:	Not Reported	Date Deactivated:	Not Reported
PWS Name:	FOUNTAIN LAKE SCHOOL 4207 PARK AVENUE HOT SPRINGS, AR 71901		

Addressee / Facility: Operator
IRVING BASS, SUPER.

Facility Latitude:	34 30 18	Facility Longitude:	093 03 36
City Served:	Not Reported		
Treatment Class:	Untreated	Population:	00000025

PWS currently has or had major violation(s) or enforcement: No

32
NW
1/2 - 1 Mile
Higher

FED USGS USGS2588803

Agency cd:	USGS	Site no:	343112093033601
Site name:	02S19W32ABD1SP		
Latitude:	343112		
Longitude:	0930336	Dec lat:	34.5200895
Dec lon:	-93.06017973	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	05
State:	05	County:	051
Country:	US	Land net:	SENVNE S32 T02S R19W 5
Location map:	HOT SPRINGS NORTH	Map scale:	24000
Altitude:	660	Altitude method:	M
Altitude accuracy:	20	Altitude datum:	NGVD29
Hydrologic:	Ouachita Headwaters. Arkansas. Area = 1550 sq.mi.		
Topographic:	Flat surface		
Site type:	Spring	Date construction:	Not Reported
Date inventoried:	19930526	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Spring		
Aquifer Type:	Not Reported		
Aquifer:	BIGFORK CHERT		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	450507300
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0
 Water quality data end date: 1993-07-09
 Ground water data begin date: 0000-00-00
 Ground water data count: 0

Water quality data begin date: 1972-01-22
 Water quality data count: 2
 Ground water data end date: 0000-00-00

Ground-water levels, Number of Measurements: 0

E33
WNW
1/2 - 1 Mile
Higher

FED USGS USGS2588791

Agency cd:	USGS	Site no:	343056093035801
Site name:	02S19W32CAB1		
Latitude:	343056		
Longitude:	0930358	Dec lat:	34.515645
Dec lon:	-93.06629112	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	05
State:	05	County:	051
Country:	US	Land net:	NWNESW S32 T02S R19W 5
Location map:	HOT SPRINGS NORTH	Map scale:	24000
Altitude:	670	Altitude method:	M
Altitude accuracy:	20	Altitude datum:	NGVD29
Hydrologic:	Ouachita Headwaters. Arkansas. Area = 1550 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	19930608	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	BIGFORK CHERT		
Well depth:	63.2	Hole depth:	Not Reported
Source of depth data:	reporting agency (generally USGS)	Project number:	450507300
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1993-06-04	Ground water data end date:	1993-07-13
Ground water data count:	2		

Ground-water levels, Number of Measurements: 2

	Feet below	Feet to		Feet below	Feet to
Date	Surface	Sealevel	Date	Surface	Sealevel
-----			-----		
1993-07-13	2.05		1993-06-04	2.05	

E34
WNW
1/2 - 1 Mile
Higher

FED USGS USGS2588797

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	343058093035901
Site name:	02S19W32BDC1		
Latitude:	343058		
Longitude:	0930359	Dec lat:	34.51620056
Dec lon:	-93.06656891	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	05
State:	05	County:	051
Country:	US	Land net:	SWSEW S32 T02S R19W 5
Location map:	HOT SPRINGS NORTH	Map scale:	24000
Altitude:	660	Altitude method:	M
Altitude accuracy:	20	Altitude datum:	NGVD29
Hydrologic:	Ouachita Headwaters. Arkansas. Area = 1550 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	19930608	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	BIGFORK CHERT		
Well depth:	89	Hole depth:	Not Reported
Source of depth data:	reporting agency (generally USGS)	Project number:	450507300
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1993-07-13
Water quality data end date:	1993-08-11	Water quality data count:	2
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for GARLAND County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 71901

Number of sites tested: 17

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.624 pCi/L	94%	6%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	4.550 pCi/L	50%	50%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands, Swamps, or Marshes

Source: Center for Advanced Spatial Technologies, University of Arkansas

Telephone: 605-594-6933

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Arkansas Community Public Water Systems

Source: Health Department

Telephone: 501-661-2623

OTHER STATE DATABASE INFORMATION

RADON

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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"Linking Technology with Tradition"®

Sanborn® Map Report

Ship To: Phil Hardy

ENSAFE

5724 Summer Trees Drive

Memphis, TN 38134

Order Date: 7/19/2006 **Completion Date:** 7/19/2006

Inquiry #: 1718384.3S

P.O. #: 0888802978 0005 TS01

Site Name: Hot Springs USARC

Address: 200 Reserve Street

City/State: Hot Springs, AR 71901

Cross Streets:

Customer Project: TEJV-ECP Proj.

1013941ERN

901-372-7962

Based on client-supplied information, fire insurance maps for the following years were identified

1886 - 1 Map	1950 - 2 Maps
1890 - 2 Maps	1968 - 2 Maps
1892 - 2 Maps	
1896 - 1 Map	
1901 - 2 Maps	
1908 - 2 Maps	
1915 - 2 Maps	
1925 - 2 Maps	

Limited Permission to Photocopy

Total Maps: 18

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USER'S GUIDE

This User's Guide provides guidelines for accessing Sanborn Map® images and for transferring them to your Word Processor.

Reading Sanborn Maps

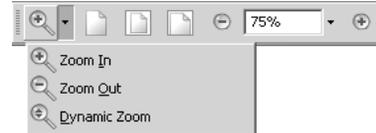
- Sanborn Maps document historical property use by displaying property information through words, abbreviations, and map symbols. The Sanborn Map Key provides information to help interpret the symbols and abbreviations used on Sanborn Maps. The Key is available from EDR's Web Site at: <http://www.edrnet.com/reports/samples/key.pdf>

Organization of Electronic Sanborn Image File

- Sanborn Map Report, listing years of coverage
- User's Guide
- Oldest Sanborn Map Image
- Most recent Sanborn Map Image

Navigating the Electronic Sanborn Image File

1. Open file on screen.
2. Identify TP (Target Property) on the most recent map.
3. Find TP on older printed images.
4. Using Acrobat® Reader®, zoom to 250% in order to view more clearly. (200-250% is the approximate equivalent scale of hardcopy Sanborn Maps.)
 - A. On the menu bar, click "View" and then "Zoom to..."
 - B. Or, use the magnifying tool and drag a box around the TP



Printing a Sanborn Map From the Electronic File

- EDR recommends printing images at 300 dpi (300 dpi prints faster than 600 dpi)
- To print only the TP area, cut and paste from Acrobat to your word processor application.

Acrobat Versions 6 and 7

1. Go to the menu bar
2. Click the "Select Tool"
3. Draw a box around the area selected
4. "Right click" on your mouse
5. Select "Copy Image to Clipboard"
6. Go to Word Processor such as Microsoft Word, paste and print.



Acrobat Version 5

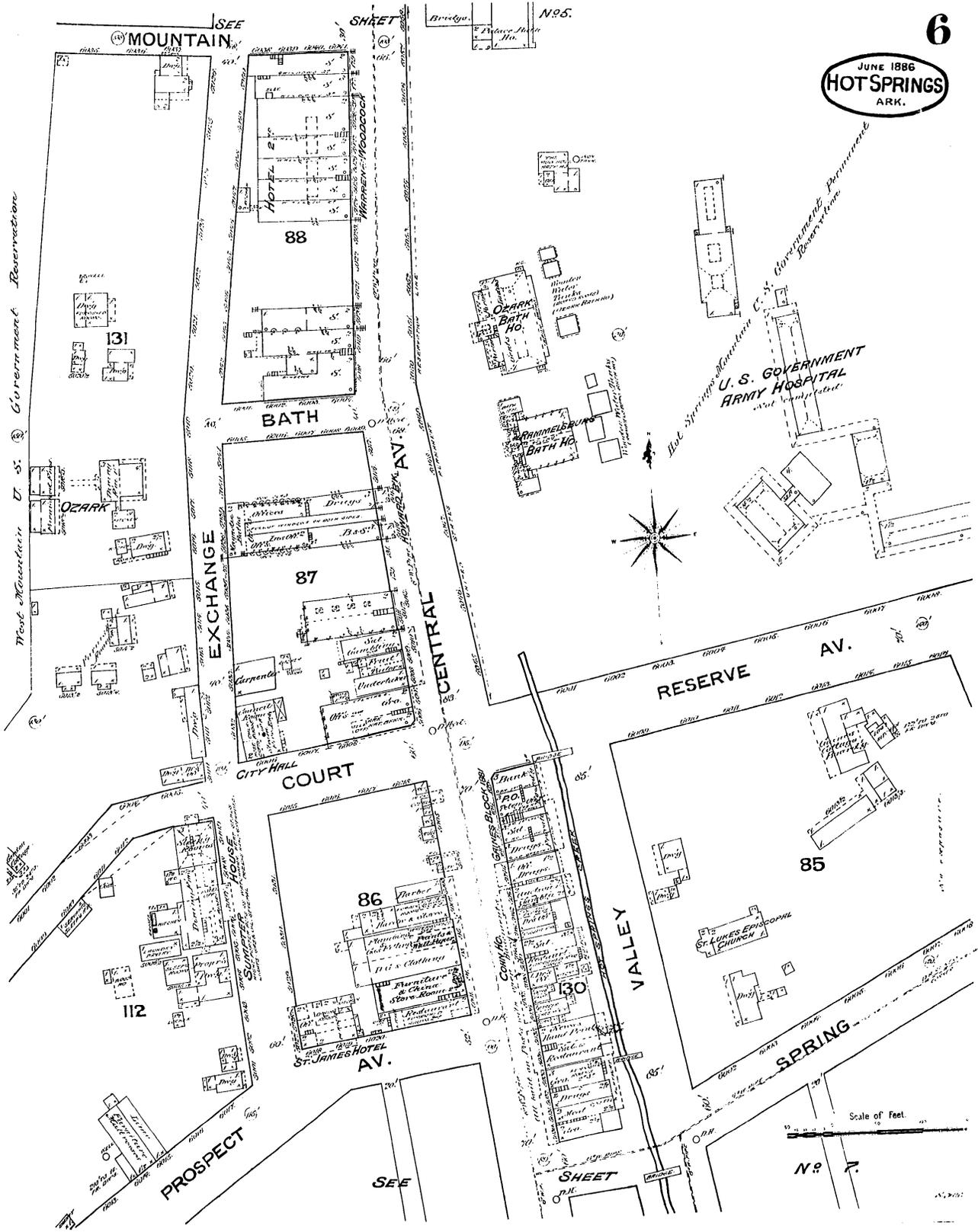
1. Go to the menu bar
2. Click the "Graphics Select Tool"
3. Draw a box around the area selected
4. Go to "Menu"
5. Highlight "Edit"
6. Highlight "Copy"
7. Go to Word Processor such as Microsoft Word, paste and print.



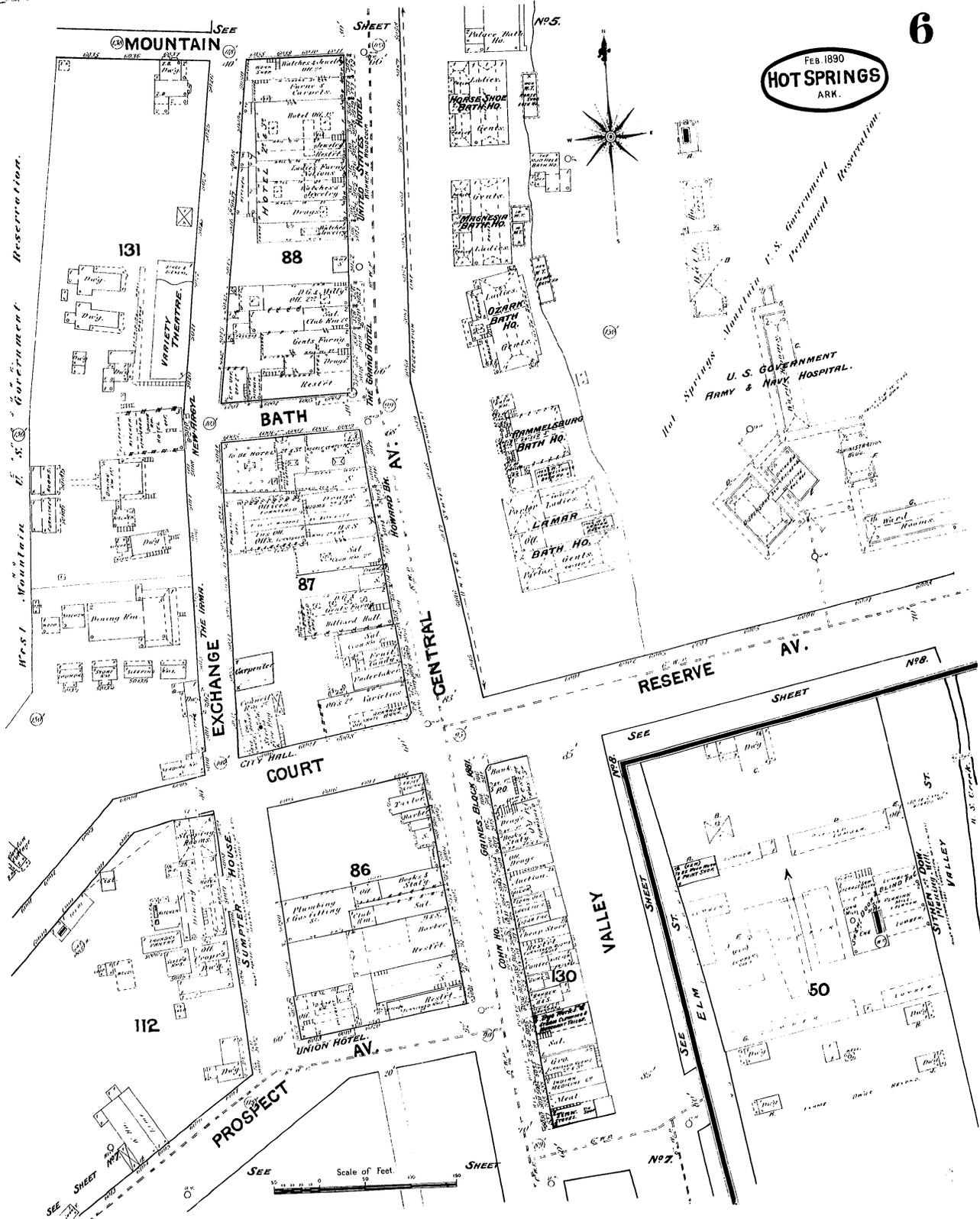
Important Information about Email Delivery of Electronic Sanborn Map Images

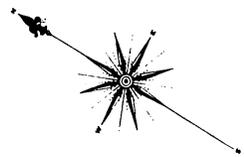
- Images are grouped into one file, up to 2MB.
- In cases where in excess of 6-7 map years are available, the file size typically exceeds 2MB. In these cases, you will receive multiple files, labeled as "1 of 3", "2 of 3", etc. including all available map years.
- Due to file size limitations, certain ISPs, including AOL, may occasionally delay or decline to deliver files. Please contact your ISP to identify their specific file size limitations.

JUNE 1886
HOT SPRINGS
ARK.

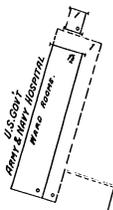


FEB. 1890
HOT SPRINGS
ARK.

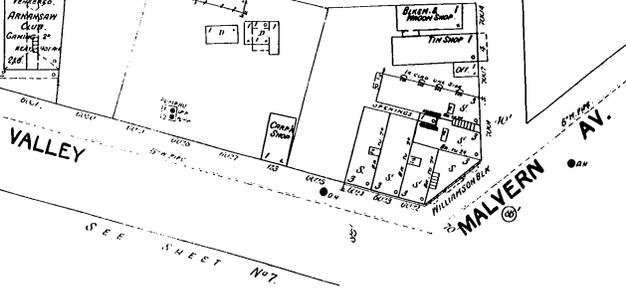
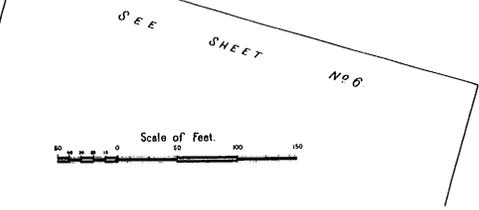
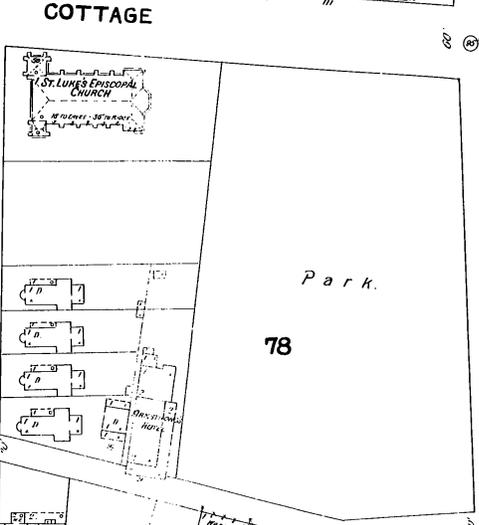
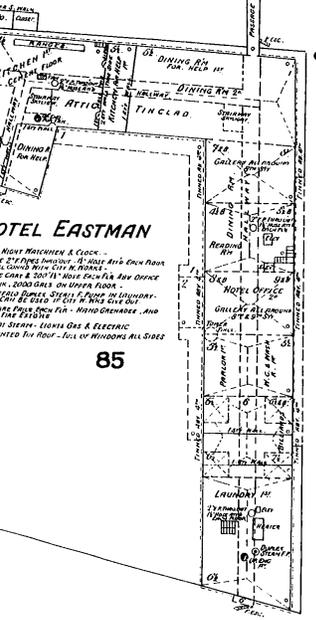
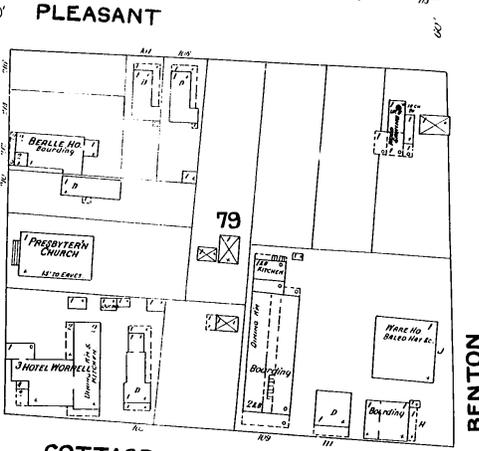
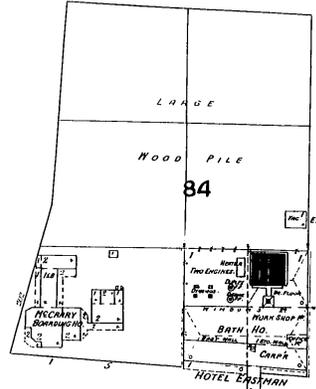
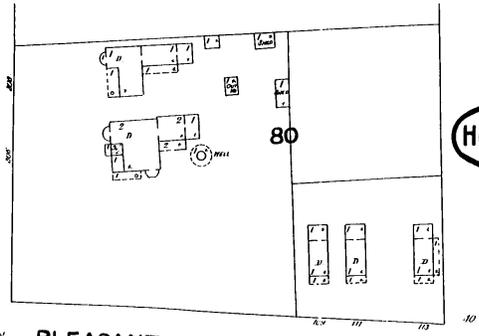
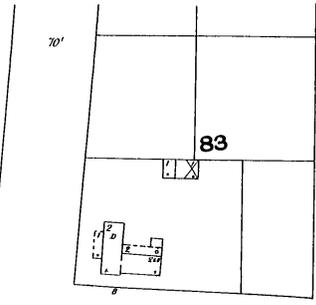




Hot Springs Mountain U.S. Gout Permanent Reservation

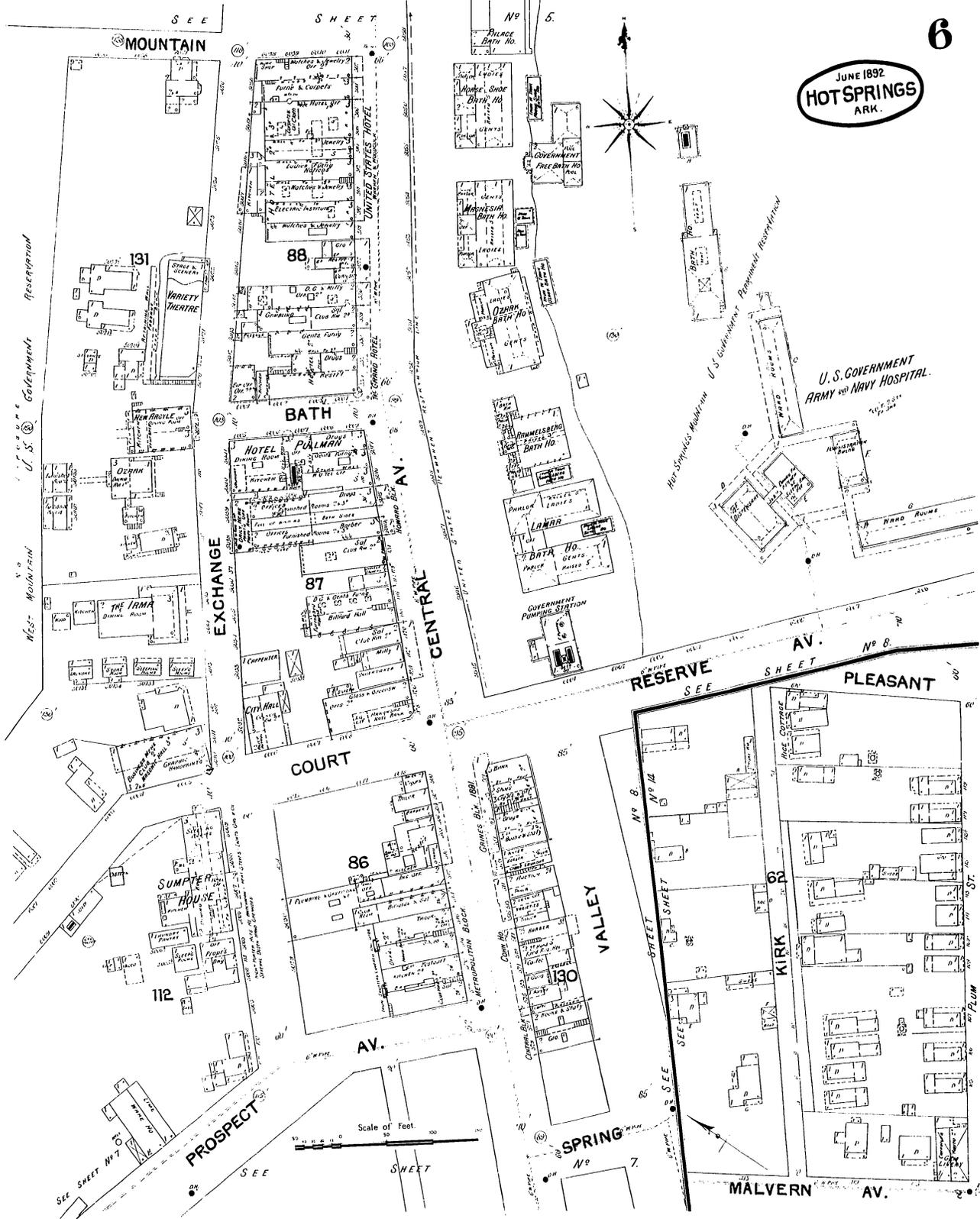


RESERVE
 S.E.E. SHEET
 N. 6



N. 10.
 S. H. E. E. T.
 S. E. E.

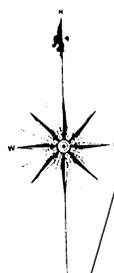
JUNE 1892
HOT SPRINGS
ARK.



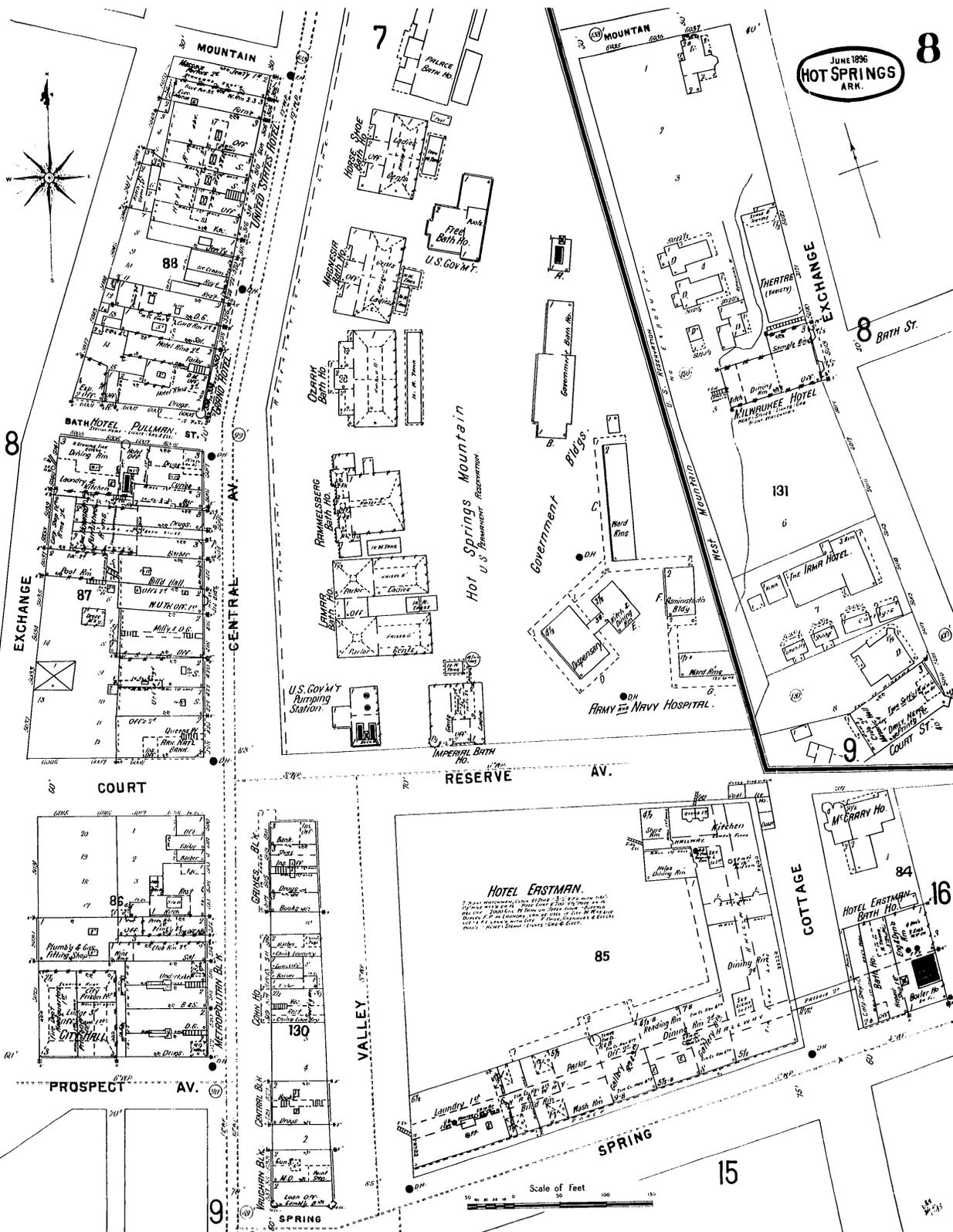
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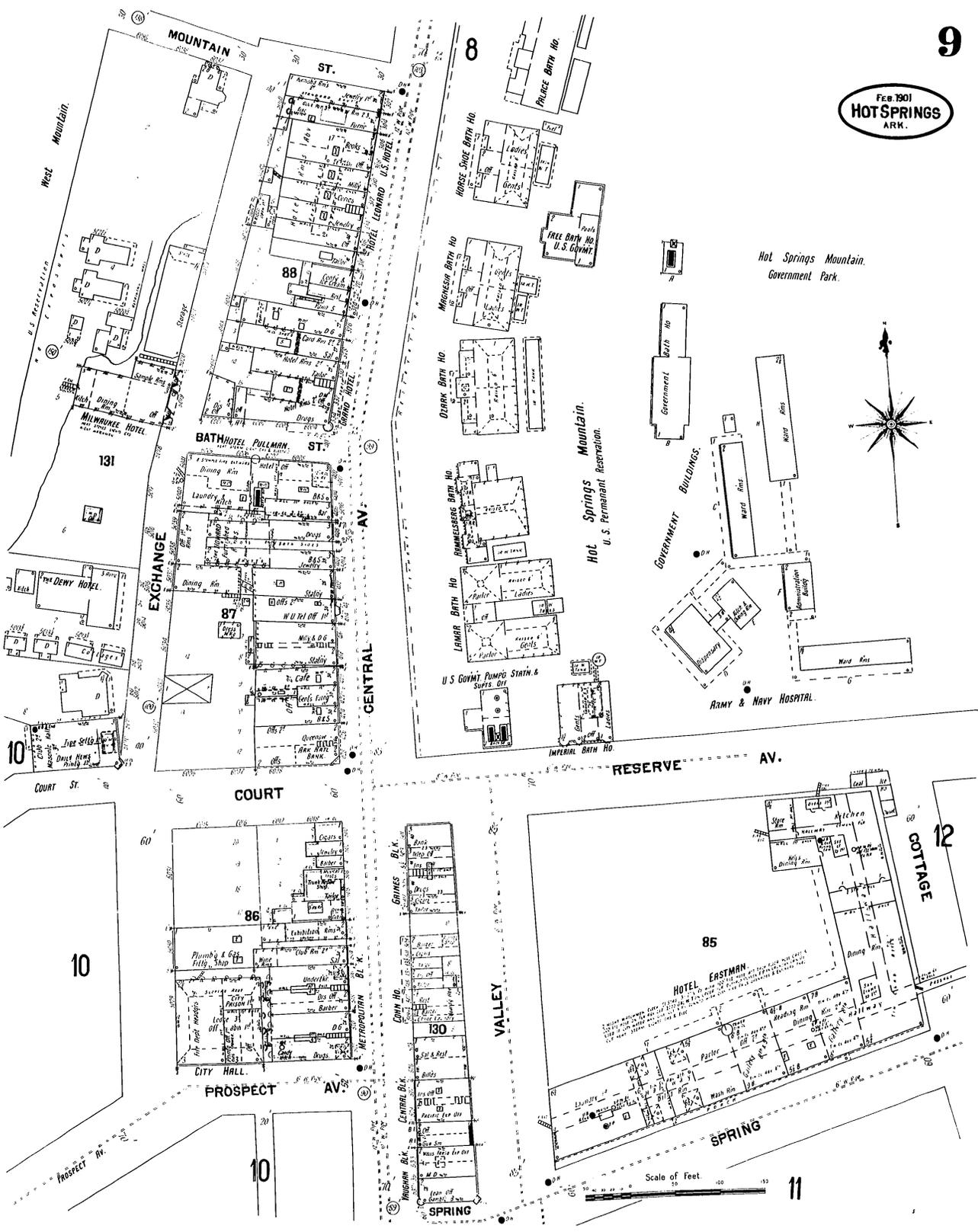
JUNE 1896
HOT SPRINGS
ARK.

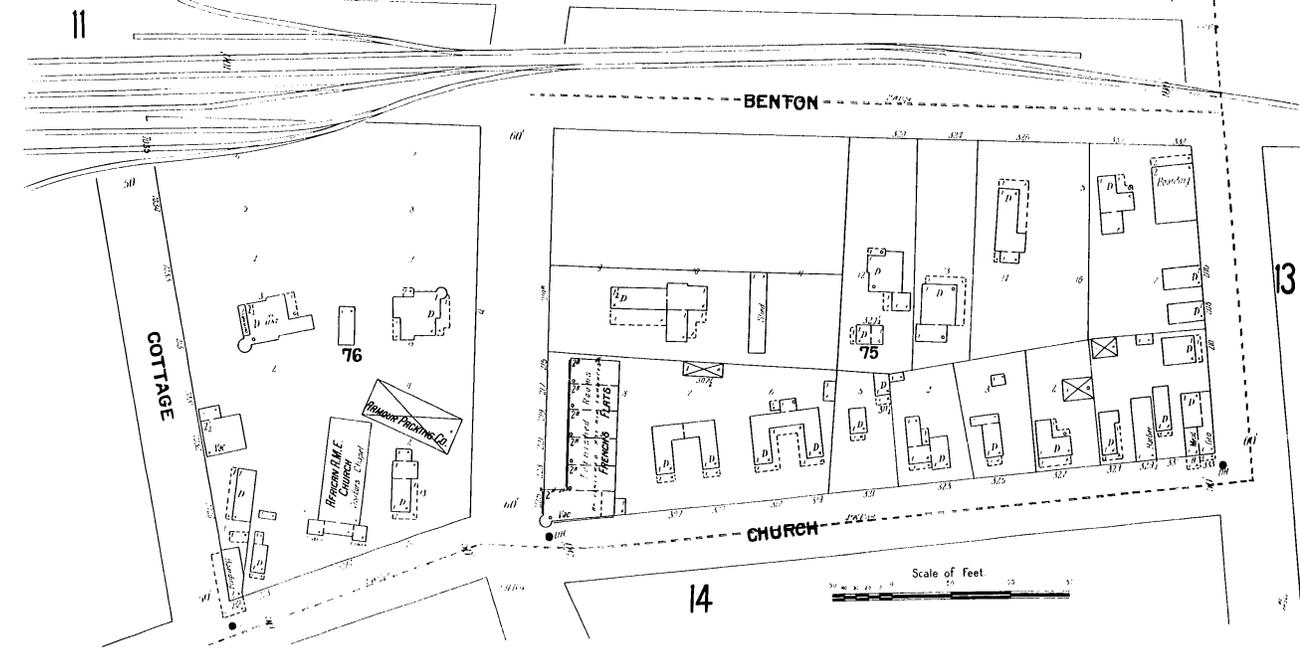
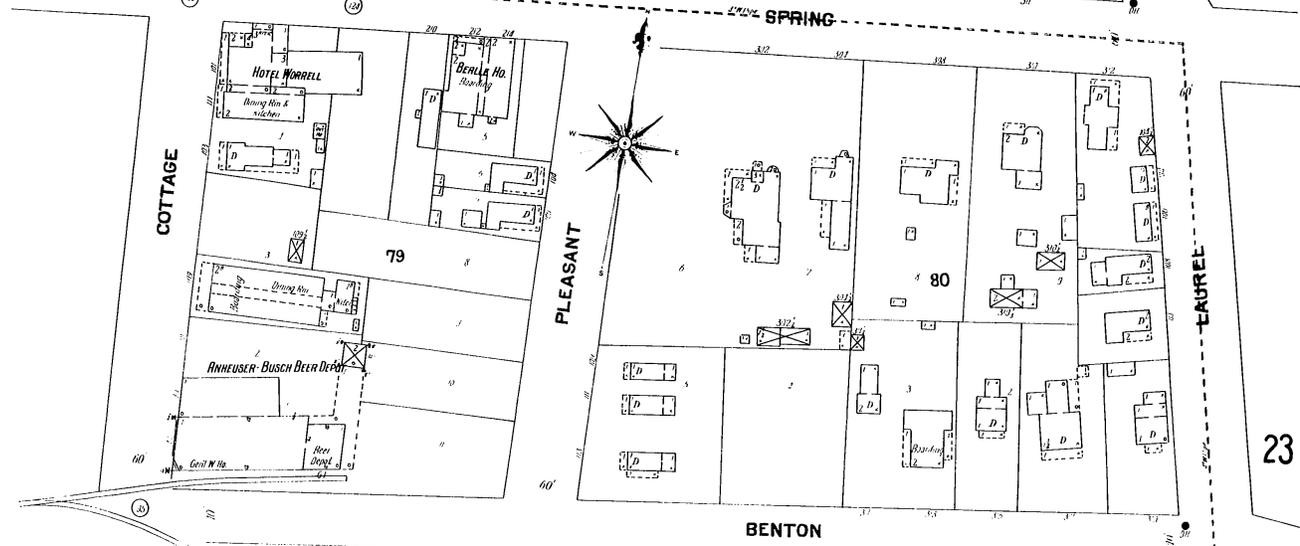
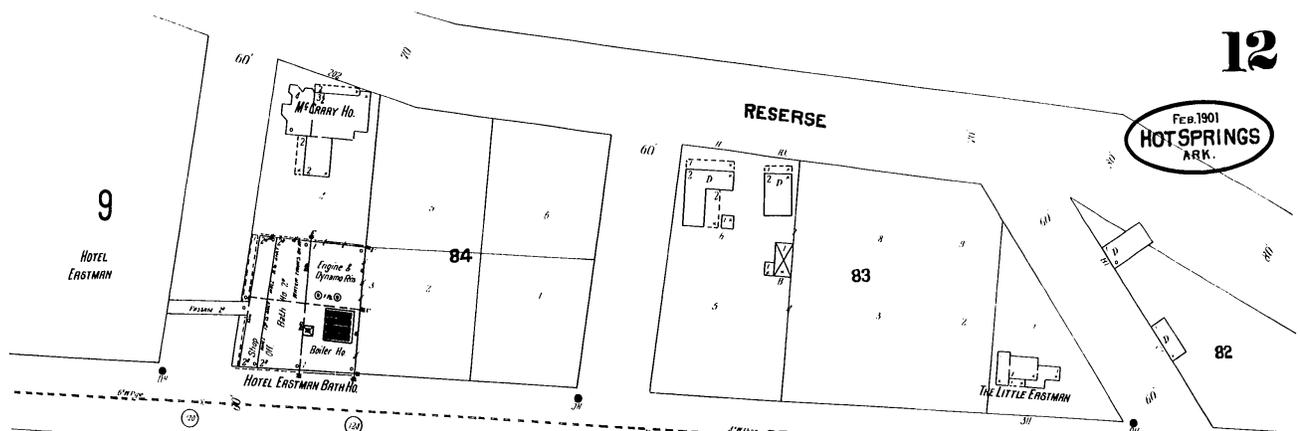


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U. S. GOVERNMENT RESERVATION

E. RESERVE

AV.

9

84

83

82

McCHERRY Ho.
Boarding

Eastman Bath Ho.
S.W. 1/4 Sec. 3

SPRING

COTTAGE

PLEASANT

LAUREL

13

79

80

CAMPBELL HO.
Boarding

BENTON

11

CHURCH

Scale of Feet

14

76

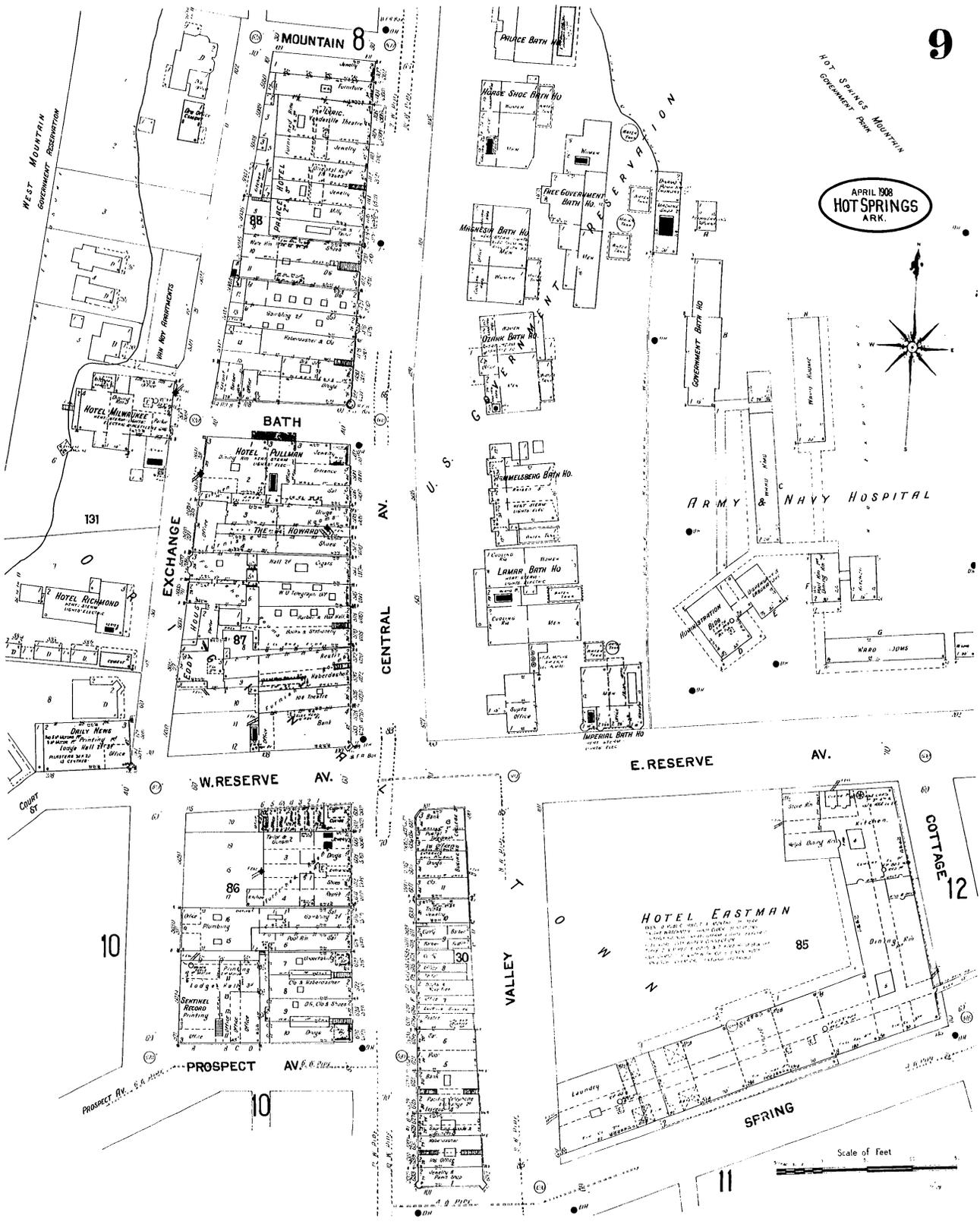
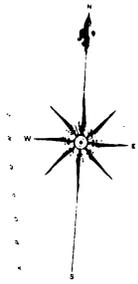
75

HURLEY Ho.
Boarding

PUBLIC SCHOOL
Heat, Sewer, Water, Electric

R.M.C. CHURCH
Methodist Episcopal
S.W. 1/4 Sec. 3

APRIL 1908
HOT SPRINGS
ARK.



JUNE 1915.
HOT SPRINGS
ARK.

13



10

E. RESERVE AV.

LAUREL

SPRING

COTTAGE

PLEASANT

BENTON

LAUREL

12

COTTAGE

CHURCH

76

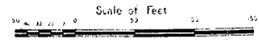
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14

CHURCH

PLEASANT ST

18



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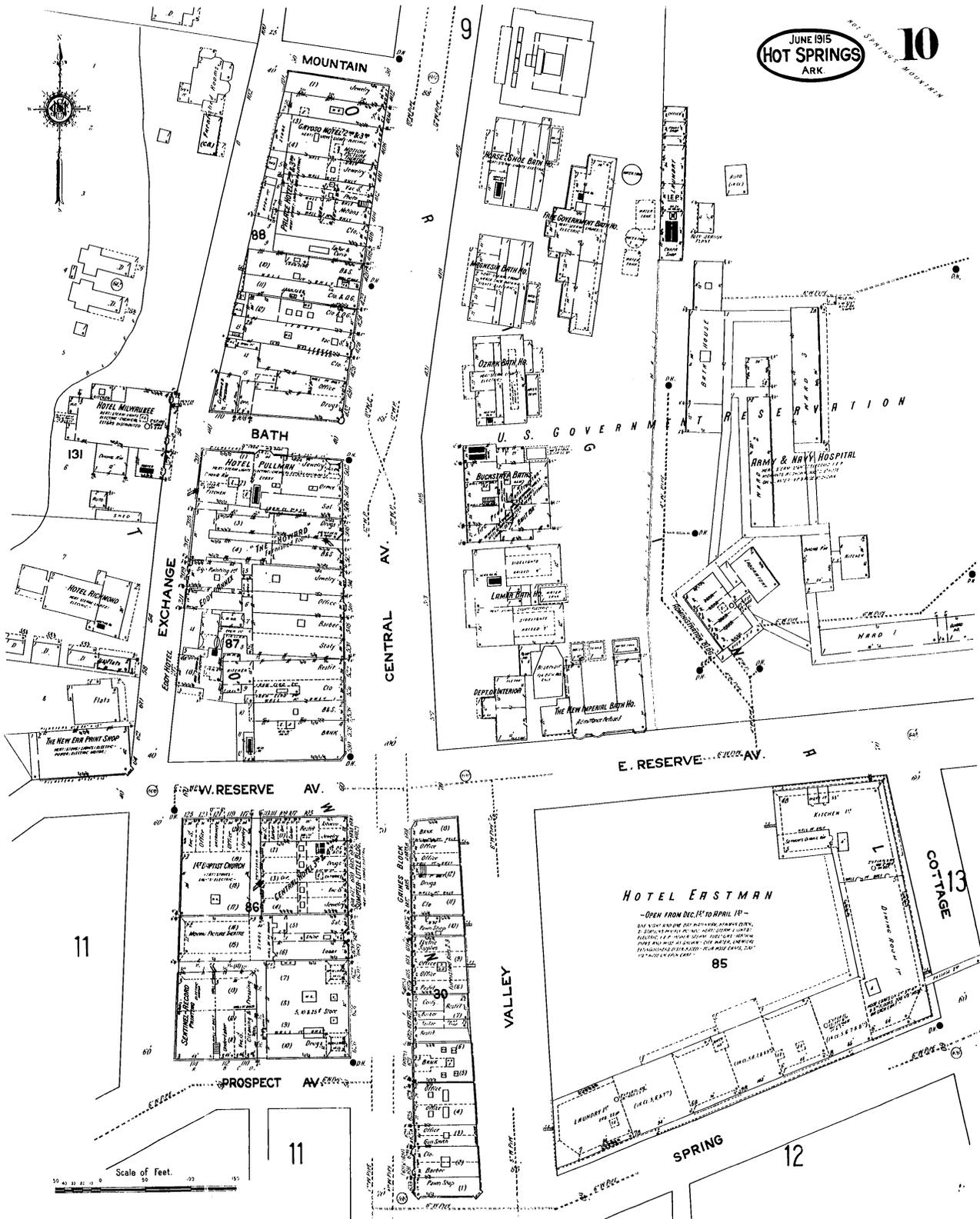
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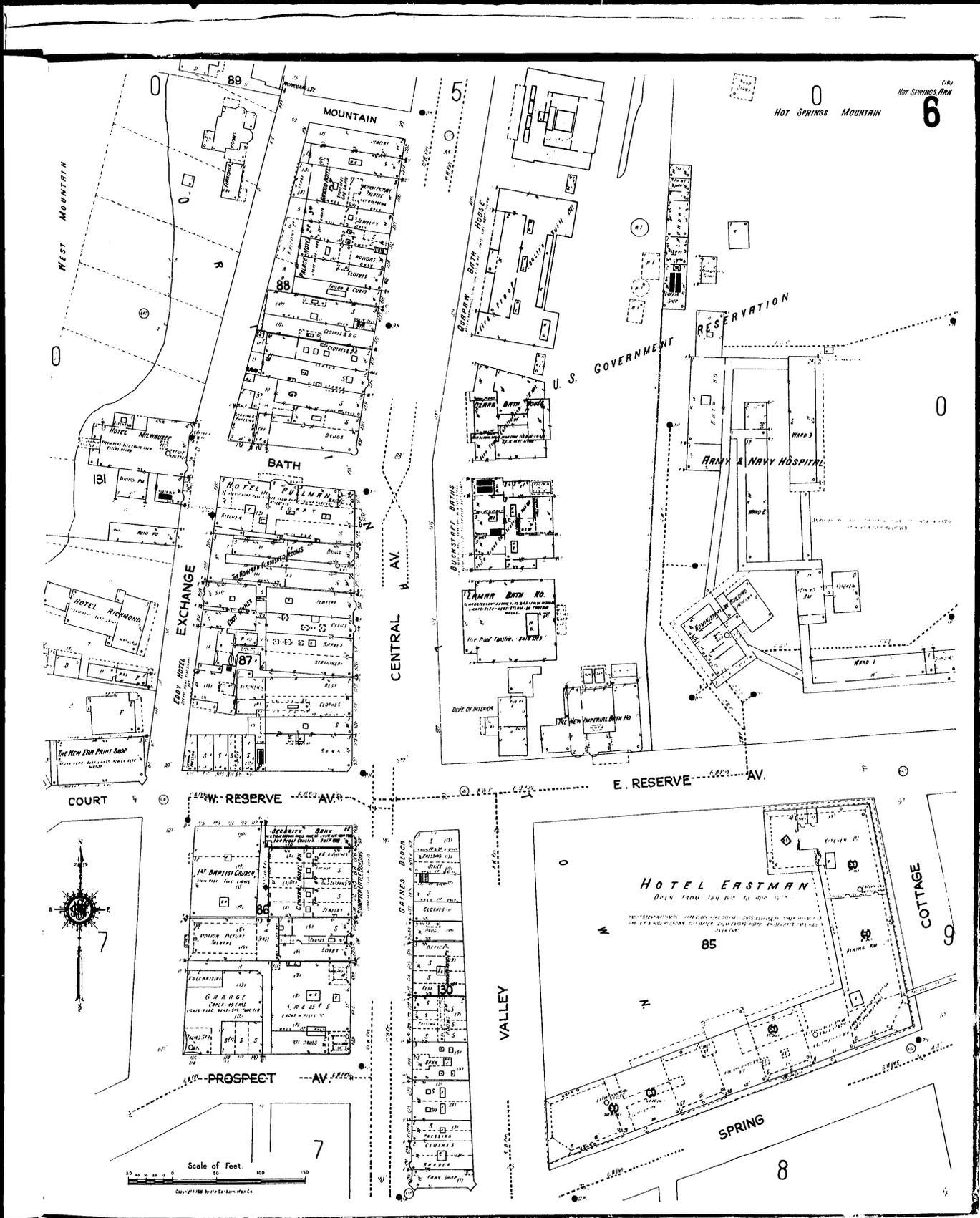
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JUNE 1915
HOT SPRINGS
ARK

10

HOT SPRINGS MOUNTAIN





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(91) NOT SHOWN, RRK.

9

6

0

E. RESERVE AV.

84

83

0

U.S. GOVERNMENT CONCERT BATH NO. 1 (111)

82

SPRING



COTTAGE

79

HOTEL PUTNAM

PLEASANT

80

CAMPBELL HO. BOARDING

BENNETT HO. BOARDING

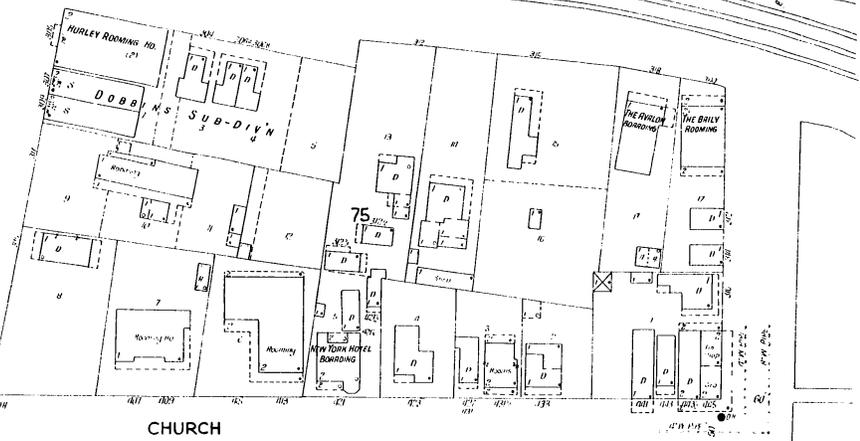
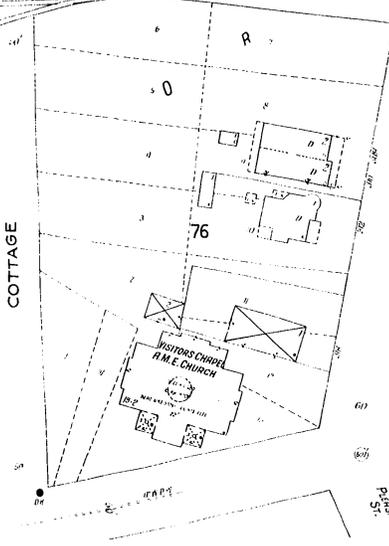
LINK LANE BOARDING

LAUREL

BENTON

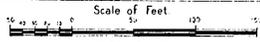
30

8



CHURCH

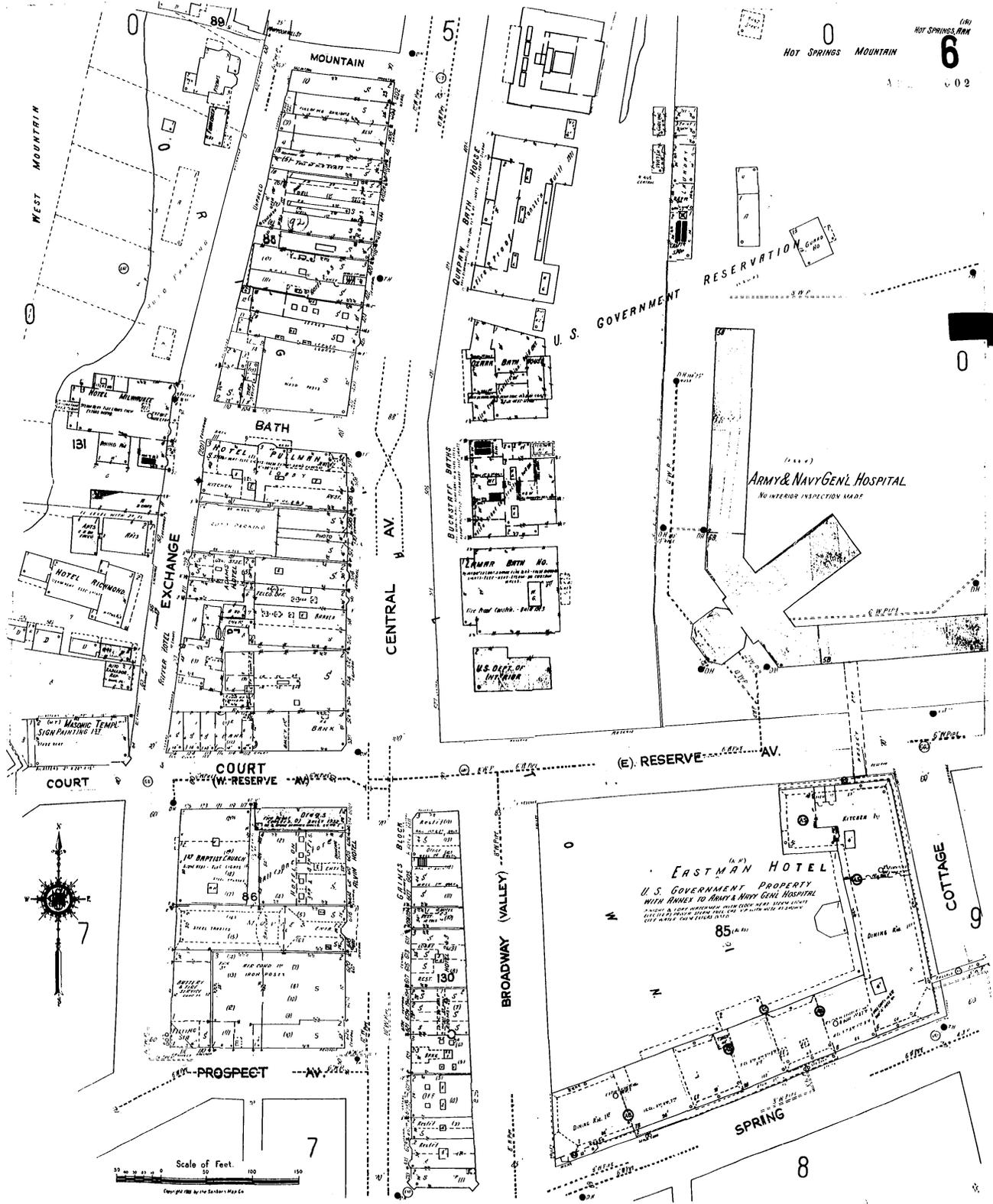
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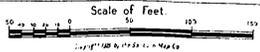
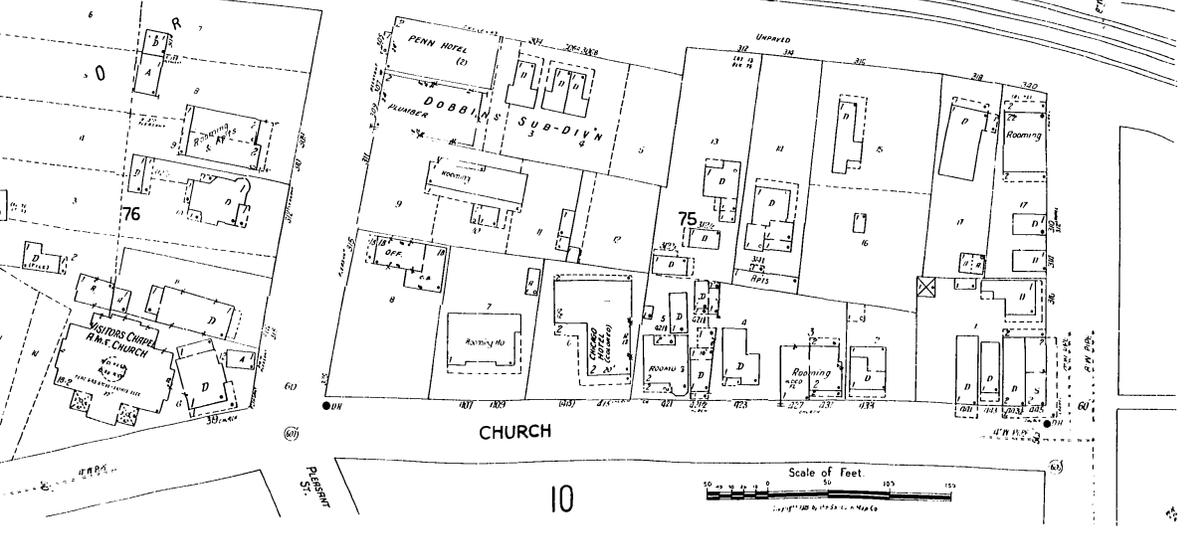
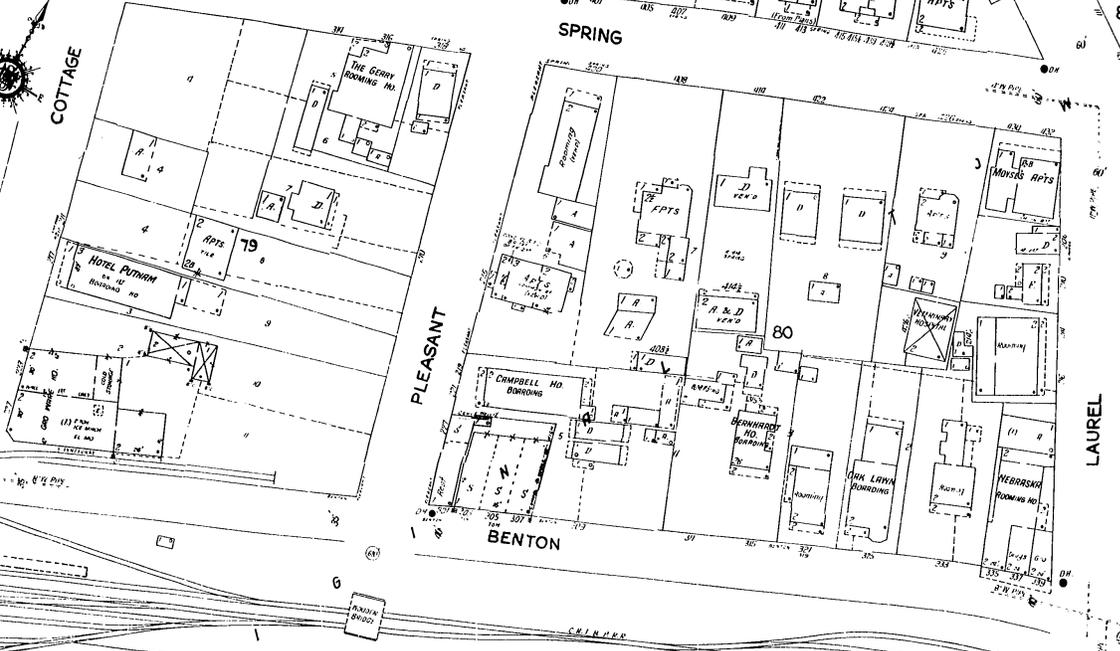
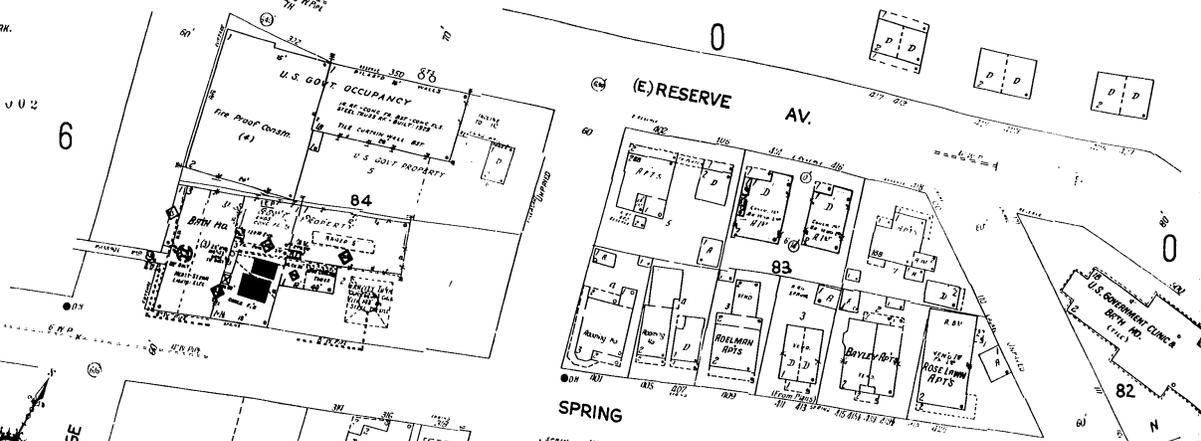


0
HOT SPRINGS MOUNTAIN
6
02

Scale of Feet
0 50 100 150
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(61) HOT SPRINGS, ARK.

9



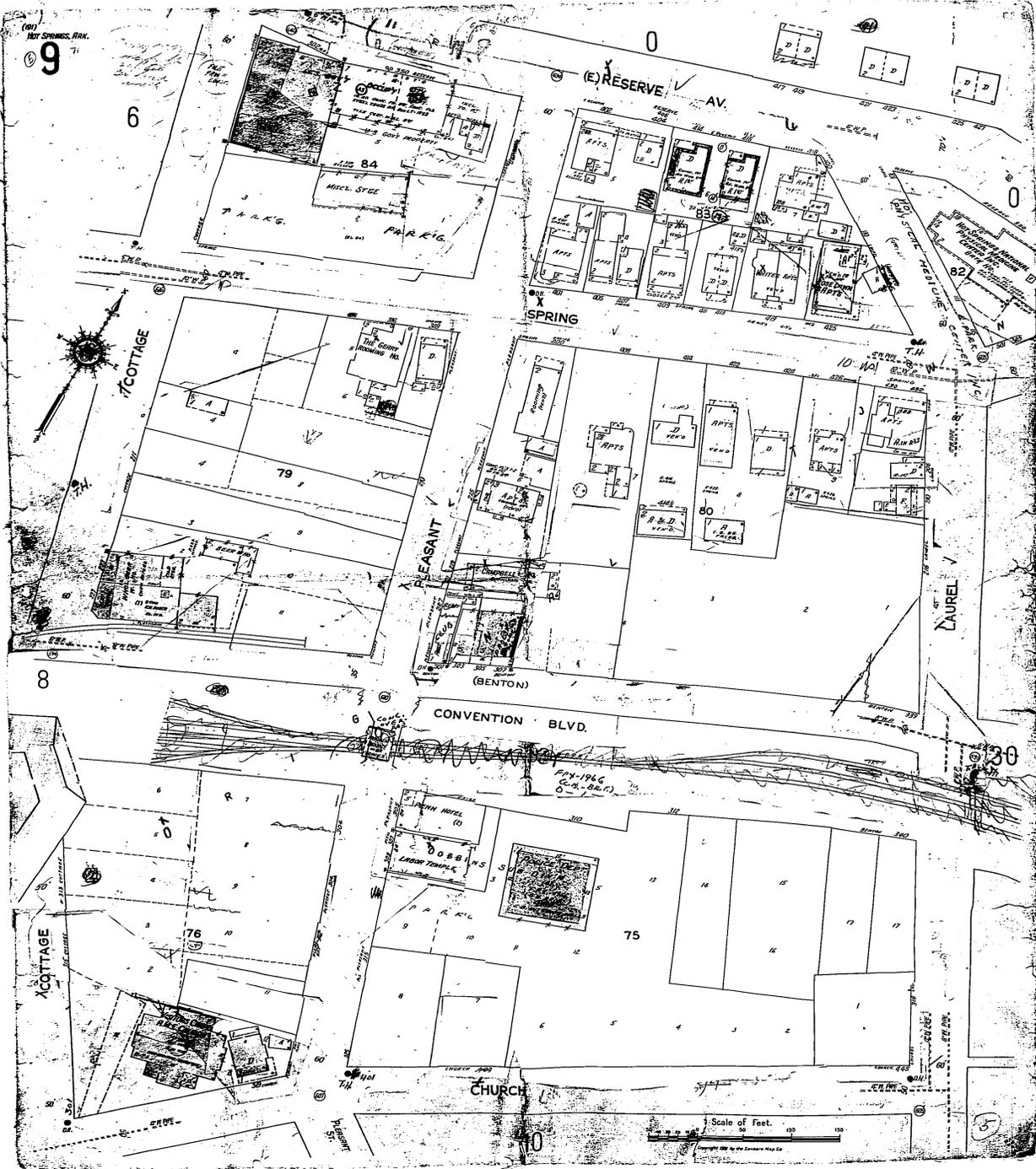
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EDR® Environmental
Data Resources Inc

**EDR Historical
Topographic Map
Report**

**Hot Springs USARC
200 Reserve Street
Hot Springs, AR 71901**

Inquiry Number: 1718384.4

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

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EDR Historical Topographic Map Report

Environmental Data Resources, Inc.'s (EDR) Historical Topographic Map Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR Historical Topographic Map Report includes a search of available public and private color historical topographic map collections. For more than a century, the USGS has been creating and revising topographic maps for the entire country at a variety of scales. There are about 60,000 U.S. Geological Survey (USGS) produced topographic maps covering the United States.

References

To meet the prior use requirements of ASTM E 1527-05, Section 8.3.2, the following *standard historical sources* may be used: aerial photographs, fire insurance maps, property tax files, land title records (although these cannot be the sole historical source consulted), topographic maps, city directories, building department records, or zoning/land use records. ASTM E 1527-05, Section 8.3 on Historical Use Information, identifies the prior use requirements for a Phase I environmental site assessment. ASTM E 1527-05 requires *"All obvious uses of the property shall be identified from the present, back to the property's first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historical sources as are necessary and both reasonably ascertainable and likely to be useful."* (ASTM E 1527-05, Section 8.3.2) *Reasonably ascertainable means information that is publicly available, obtainable from a source within reasonable time and cost constraints, and practically reviewable.*

EPA's Standards and Practices for All Appropriate Inquiries (AAI), Section § 312.24, identifies the historical sources of information necessary to achieve the objectives and performance factors of § 312.20. According to AAI, *"historical documents and records may include, but are not limited to, aerial photographs, fire insurance maps, building department records, chain of title documents, and land use records."*

References

In order to address data gaps, additional sources of information may be consulted. According to the AAI, Section § 312.20 (g), *"to the extent there are data gaps (as defined in § 312.10) in the information developed...that affect the ability of persons (including the environmental professional) conducting the all appropriate inquiries to identify conditions indicative of releases or threatened releases...such persons should identify such data gaps, identify the sources of information consulted to address such data gaps, and comment upon the significance of such data gaps."* According to ASTM E 1527-05, Section 8.3.2.3, *"historical research is complete when either: (1) the objectives in 8.3.1 through 8.3.2.2 are achieved; or (2) data failure is encountered. Data failure occurs when all of the standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives have not been met....If data failure is encountered, the report shall document the failure and, if any of the standard historical sources were excluded, give the reasons for their exclusion."*

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EDR® Environmental
Data Resources Inc

The EDR Aerial Photo Decade Package

**Hot Springs USARC
200 Reserve Street
Hot Springs, AR 71901**

Inquiry Number: 1718384.5

July 19, 2006

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EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDRs professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

This document reports that EDR searched its own collection or select outside repository collections of aerial photography, and based on client-supplied target property information, aerial photography, including the target property was not deemed reasonably ascertainable by Environmental Data Resources, Inc. (EDR). This no coverage determination reflects a search only of aerial photography repository collections that EDR accessed. It can not be concluded from this search that no coverage for the target property exists anywhere, in any collection.

NO COVERAGE

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

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EDR® Environmental
Data Resources Inc

The EDR-City Directory
Abstract

Hot Springs USARC
200 Reserve Street
Hot Springs, AR 71901

Inquiry Number: 1718384.6

Thursday, July 20, 2006

**The Standard in
Environmental Risk
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Milford, Connecticut 06461

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EDR City Directory Abstract

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

Thank you for your business.

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

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SUMMARY

- ***City Directories:***

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

Date EDR Searched Historical Sources: July 20, 2006

Target Property:

200 Reserve Street
Hot Springs, AR 71901

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1961	Address Not Listed in Research Source	Polk's City Directory
1966	Address Not Listed in Research Source	Polk's City Directory
1971	US Army Reserve	Polk's City Directory
1976	US Army Reserve	Polk's City Directory
1981	US Army Reserve	Polk's City Directory
1986	US Army Reserve	Polk's City Directory
1991	US Army Reserve	Polk's City Directory
1995	US Army Reserve	Polk's City Directory
2000	US Army Reserve	Polk's City Directory
2005	US Army Reserve	Polk's City Directory

Adjoining Properties

SURROUNDING

Multiple Addresses
Hot Springs, AR 71901

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1961	<u>**Reserve Street**</u>	Polk's City Directory
	US Govt Building (28 Occupants) (100)	Polk's City Directory
	Hot Springs National Park (103)	Polk's City Directory
	Hot Springs Rehabilitation Center (105)	Polk's City Directory
	No other addresses in 100-399 range	Polk's City Directory
1966	<u>**Reserve Street**</u>	Polk's City Directory

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1966	US Govt Building (29 Occupants) (100)	Polk's City Directory
	Hot Springs National Park (103)	Polk's City Directory
	Hot Springs Rehabilitation Center (105)	Polk's City Directory
	No other addresses in 100-399 range	Polk's City Directory
1971	<u>**Reserve Street**</u>	Polk's City Directory
	US Govt Building (40 Occupants) (100)	Polk's City Directory
	Hot Springs National Park (103)	Polk's City Directory
	Hot Springs Rehabilitation Center (105)	Polk's City Directory
	No other addresses in 100-399 range	Polk's City Directory
1976	<u>**Reserve Street**</u>	Polk's City Directory
	US Govt Building (44 Occupants) (100)	Polk's City Directory
	Hot Springs National Park (103)	Polk's City Directory
	Hot Springs Rehabilitation Center (105)	Polk's City Directory
	No other addresses in 100-399 range	Polk's City Directory
1981	<u>**Reserve Street**</u>	Polk's City Directory
	US Govt Building (49 Occupants) (100)	Polk's City Directory
	Hot Springs National Park (103)	Polk's City Directory
	Hot Springs Rehabilitation Center (105)	Polk's City Directory
	Rehabilitation Center Office (212)	Polk's City Directory
	No other addresses in 100-399 range	Polk's City Directory
1986	<u>**Reserve Street**</u>	Polk's City Directory
	US Govt Building (48 Occupants) (100)	Polk's City Directory

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Hot Springs National Park (103)	Polk's City Directory
	Hot Springs Rehabilitation Center (105)	Polk's City Directory
	Rehabilitation Center Office (212)	Polk's City Directory
	No other addresses in 100-399 range	Polk's City Directory
1991	<u>**Reserve Street**</u>	Polk's City Directory
	US Govt Building (51 Occupants) (100)	Polk's City Directory
	Hot Springs National Park (103)	Polk's City Directory
	Hot Springs Rehabilitation Center (105)	Polk's City Directory
	Rehabilitation Center Office (212)	Polk's City Directory
	No other addresses in 100-399 range	Polk's City Directory
1995	<u>**Reserve Street**</u>	Polk's City Directory
	US Govt Building (51 Occupants) (100)	Polk's City Directory
	Hot Springs National Park (103)	Polk's City Directory
	Hot Springs Rehabilitation Center (105)	Polk's City Directory
	Rehabilitation Center Office (212)	Polk's City Directory
	No other addresses in 100-399 range	Polk's City Directory
2000	<u>**Reserve Street**</u>	Polk's City Directory
	US Govt Building (51 Occupants) (100)	Polk's City Directory
	Hot Springs National Park (103)	Polk's City Directory
	Hot Springs Rehabilitation Center (105)	Polk's City Directory
	Rehabilitation Center Office (212)	Polk's City Directory
	No other addresses in 100-399 range	Polk's City Directory

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	<u>**Reserve Street**</u>	Polk's City Directory
	US Govt Probation (100)	Polk's City Directory
	Hot Springs Rehabilitation Center (105)	Polk's City Directory
	Residence (110)	Polk's City Directory
	Residence (225)	Polk's City Directory
	No other addresses in range	Polk's City Directory