

**PHASE I**  
**ENVIRONMENTAL SITE ASSESSMENT**

**Iowa Blvd. and Hwy 61 South**  
**Vicksburg, Mississippi**

**Mississippi Army National Guard**  
**Joint Force Headquarters**

**20 OCT 2014**

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## 1.0 SUMMARY

Mississippi Army National Guard (MSARNG) conducted a Phase I Environmental Site Assessment (Phase I ESA) on an area approximately 2-acres, located between Iowa Blvd and Hwy 61 South in Warren County, Mississippi. The subject area currently has three Vicksburg National Military Park memorials onsite that are being considered by the US Park Service for relocation. During construction of US Interstate 20 through Vicksburg, MS in the late 1970's, several memorial sites were severed from the Vicksburg National Military Park. The US Park Service, with aid from the MS Army National Guard (MSARNG), plan to relocate the three memorials on the subject site to a more suitable location within Vicksburg. Air support will be the main relocation measure utilized due to its minimal invasiveness and disruptability to the areas affected and the monuments to be relocated. This ESA investigated the area where the memorials currently reside.

In accordance with the AAI and ASTM procedures for conducting Phase I ESAs, MSARNG conducted area reconnaissance, reviewed public database records, topographic maps, aerial photographs, and other historical maps and records, and interviewed persons familiar with the subject area. Based on these reviews, no recognized environmental conditions (RECs) were found in connection with the subject area. MSARNG recommends no additional ESA work.

MSARNG also conducted additional preliminary screening of the subject area for lead-based paint, pesticides, PCB's, asbestos, and radon, in conjunction with the Phase I ESA, and the findings are described in **Section 8** of this report. The subject area is currently a wooded, undeveloped lot directly behind the Wal-Mart shopping center between Iowa Blvd and Hwy 61 South in SW Vicksburg, MS.

## **2.0 INTRODUCTION**

The Mississippi Army National Guard (MSARNG) conducted a Phase I Environmental Site Assessment (ESA) of the approximately 2-acre subject area located between Iowa Blvd and Hwy 61 South in Warren County, Mississippi. The Phase I ESA was conducted in accordance with the All Appropriate Inquiries (AAI) Final Rule 40 CFR 312 and the ASTM Standard Practice for Environmental Site Assessments (E 1527-05). Additional preliminary screenings for potential environmental concerns were also performed for lead-based paint, pesticides, PCB's, asbestos, radon, and unexploded ordinance (UXO) to determine if further investigation is warranted.

### **2.1 PURPOSE**

The objective of this Phase I ESA was to discover readily identifiable environmental impacts and liabilities associated with the subject area within the scope of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

### **2.2 DETAILED SCOPE-OF-SERVICES**

To accomplish the above-mentioned objective, the following tasks were performed:

- Records review,
- Subject area reconnaissance,
- Interviews with key personnel, and
- Preparation of a report with the findings of the Phase I ESA.

To fulfill the AAI and ASTM requirements, a commercially available report was obtained to review federal and state environmental databases for environmental concerns associated with nearby properties that could potentially impact the subject area. A visual reconnaissance was conducted at the subject area on October 6, 2014 to observe general conditions and evidence of possible environmental impacts and to document subject area features and conditions. Interviews were conducted with key personnel with knowledge of past activities conducted within and near the subject area. The project also included review of other readily obtainable records including topographic maps and historical aerial photographs.

### **2.3 SIGNIFICANT ASSUMPTIONS**

No significant assumptions were specified for this Phase I ESA.

### **2.4 LIMITATIONS AND EXCEPTIONS**

The scope of this Phase I ESA is limited to visual observation of surface conditions at the subject area, interviews with selected personnel with knowledge of the subject area, and a review of readily available relevant environmental records held by federal and state agencies. This study addresses the likelihood of hazardous substance contamination resulting from past and current known uses of the subject area and immediately adjacent/abutting properties within the meaning and context of the CERCLIS Act.

1. Naturally occurring toxins in the subsurface soils, rocks, water, or the toxicity of the onsite flora;
2. Toxicity of substances common in current habitable environments, such as stored household products, building materials, and consumables;
3. Biological pathogens;
4. Environmentally-impacted media below the surface (soil and/or water) from remote sources, on-site sources, or other areas hidden from view by slabs or other ground coverings, except as discussed in this report; or
5. Unknown subject area contamination, such as “midnight” dumping and/or accidental or unrecorded/unreported spillage.

No warranty or guarantee concerning the findings and/or conclusions of this site assessment is offered or intended by MSARNG. Rather, it is represented that the scope and performance of this ESA are in accordance with the current state of practice as conducted within the region by similarly-qualified practitioners.

## **2.5 SPECIAL TERMS AND CONDITIONS**

No special terms or conditions were specified for this Phase I ESA.

## **2.6 USER RELIANCE**

This Phase I ESA has been conducted for the exclusive use by MSARNG, their agents and permitted successors and assignees, and they are entitled to rely upon the Phase I ESA work. This ESA should not be reused or relied upon by entities other than that of MSARNG and their agents and permitted successors and assignees.

### **3.0 SUBJECT AREA DESCRIPTION**

#### **3.1 LOCATION AND LEGAL DESCRIPTION**

The subject area covers approximately 2 acres located within Section 2, Township 15 North, Range 3 East located in Warren County, Mississippi. The latitude/longitude coordinates to the approximate center of the site are latitude 32.309550, longitude -90.893422 (**Figure 1**). Property location is approximately 0.2 mile to the south of I-20 between Iowa Blvd and Hwy 61 South. A legal description of the property was not provided. The approximate boundary of the subject area is shown in **Figure 2. – Site Conditions**.

#### **3.2 SUBJECT AREA AND VICINITY GENERAL CHARACTERISTICS**

The subject area primarily includes undeveloped property that currently features three Vicksburg National Military Park memorials onsite. The characteristics of the property consist of an undeveloped, mostly forested lot. The characteristics of the nearby areas in the vicinity of the subject area include urban, primarily developed features. **Figure 2** shows the existing conditions of the subject area. The area is on a bluff at an elevation of approximately 246 feet above mean sea level (NGD). The area drains down into the Vicksburg sewer system.

#### **3.3 CURRENT USE OF THE PROPERTY**

The subject area is an undeveloped, mostly forested lot that currently houses three Vicksburg National Military Park memorials (**Appendix A – Subject Area Photographs**).

#### **3.4 DESCRIPTIONS OF STRUCTURES, ROADS, OTHER IMPROVEMENTS**

The subject area features an undeveloped, mostly forested lot with three Civil War memorials. The lot is surrounded by paved roads, commercial businesses such as Wal-mart and associated parking areas, and several residences. The subject area is a rectangular-shaped area. Iowa Blvd runs along the western border and I-20 runs along the northern border of the subject site. The Wal-Mart shopping center parking areas and access road border the southern edge of the subject site. Hwy 61 South is adjacent to the eastern side. The subject area drains into the Vicksburg sewer system.

#### **3.5 CURRENT USES OF THE ADJOINING PROPERTIES**

A survey of surrounding properties was conducted from accessible portions of the subject area and from available aerial photography. Adjoining properties to the subject area are developed and consist of various commercial businesses such as Wal-Mart and some residential areas. Photographs from the site and surrounding properties are included in **Appendix A**.

## **4.0 USER PROVIDED INFORMATION**

### **4.1 TITLE RECORDS**

A title search was beyond the scope of this investigation.

### **4.2 ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS**

No environmental liens or activity and use limitations were identified during the conduct of this investigation.

### **4.3 SPECIALIZED KNOWLEDGE**

MSARNG personnel were taken on a tour of both the area where the civil war monuments currently reside and the area where the monuments should be relocated by Virginia DuBowy of the US Park Service. Ms. DuBowy is the Natural Resources Manager and had detailed knowledge of both sites. Ms. DuBowy stated that the area where the monuments currently reside has been undeveloped and almost inaccessible since I-20 was constructed in the 1970's.

### **4.4 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION**

No commonly known or reasonably ascertainable information was specified for this Phase I ESA.

### **4.5 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES**

A valuation reduction for environmental issues related to the subject area was not provided. No Recognized Environmental Concerns (RECs) were identified by this Phase I ESA.

### **4.6 OWNER, PROPERTY MANAGER, AND OCCUPANT INFORMATION**

The subject area is currently owned by the City of Vicksburg. No occupants were observed at the subject area.

### **4.7 REASON FOR PERFORMING PHASE I ESA**

This Phase I ESA has been conducted as part of activities related to MSARNG assisting the US Park Service in relocating civil war memorials from the subject site. The site in question must be evaluated by MSARNG since the memorials will be taken from this location and placed at the relocation site. Certain site prep functions will have to be conducted to the site before the monuments can be relocated. These actions will include but not be limited to: road improvement, monument disassembly, tree and/or limb cutting for air transport of monuments, etc.

## 5.0 RECORDS REVIEW

To expedite the records review process, MSARNG contracted Environmental Data Resources, Inc. (EDR), a national environmental data records research and reporting service, to conduct a search of regulatory databases. The EDR report search distances were increased 1-mile to ensure coverage of the entire subject area, but they are reported at their required lengths.

### 5.1 STANDARD ENVIRONMENTAL RECORD SOURCES

The results of this search are included in **Appendix B**. The EDR report included a search of the following federal databases:

#### **Database Description Search Radius (Miles)**

NPL National Priority List 1  
Proposed NPL Proposed NPL Sites 1  
CERCLIS Comprehensive Environmental Response, Compensation, and Liability Information System ½  
CERCLIS-NFRAP No Further Remedial Action Planned ¼  
CORRACTS Corrective Action Report 1  
RCRA Resource Conservation and Recovery Information System 1  
TSDF Treatment, Storage, and/or Disposal ½  
LQG Large Quantity Generator ¼  
SQG Small Quantity Generator ¼  
ERNS Emergency Response Notification System Subject area

Supplemental federal databases included in the EDR report include the following:

#### **Database Description Search Radius (Miles)**

CONSENT CERCLA Consent Decrees 1  
ROD NPL Records of Decision 1  
Delisted NPL NPL Deletions 1  
FINDS Facility Index System/Facility ID Initiative Program Summary Report Subject area  
HMIRS Hazardous Materials Information Reporting System Subject area  
MLTS Material Licensing Tracking System Subject area  
MINES Mines Master Index File ¼  
NPL Liens Cost Recovery Liens against CERCLA Sites Subject area  
PADS PCB Activity Database System Subject area

#### **Database Description Search Radius (Miles)**

FUDS Formerly Used Defense Sites 1  
UMTRA Uranium Mill Tailings Sites ½  
ODI Open Dump Inventory ½  
INDIAN RESERV Indian Reservations 1  
DOD Department of Defense Sites 1  
RAATS RCRA Administrative Action Tracking System Subject area  
TRIS Toxic Chemical Release Inventory System Subject area  
TSCA Toxic Substances Control Act Subject area

SSTS FIFRA Section 7 Tracking System Subject area  
FTTS Tracks enforcement action related to FIFRA, TSCA, and EPCRA Subject area  
The State of Mississippi databases required by ASTM 1527-05 reviewed by EDR are as follows:

**Database Description Search Radius (Miles)**

State Haz. Waste CERCLA/Uncontrolled Sites 1  
State Landfill Solid Waste Landfills ½  
LUST Leaking Underground Storage Tank Database ½  
UST Underground Storage Tanks ¼  
Indian UST USTs on Indian Land ¼  
Indian LUST LUSTs on Indian Land ½  
SWRCY Voluntary Evaluation Program Sites ½  
VCP Voluntary Evaluation Program Sites ½

The State of Mississippi databases not required by ASTM 1527-05 reviewed by EDR are as follows:

**Database Description Search Radius (Miles)**

NPDES Water Discharge Permit Data Subject area  
AST Above Ground Storage Tanks regulated by the Department of Commerce Subject area  
ENG CONTROLS Sites with Engineering Controls ½  
Brownfields Databases:

**Database Description Search Radius (Miles)**

US BROWNFIELDS  
Listing of Brownfields Sites ½  
INST CONTROL Sites with institutional controls ½

**Database Description Search Radius (Miles)**

BROWNFIELDS Uncontrolled Sites List ½  
VCP Voluntary Evaluation Program Sites ½

**5.1.1 National Priorities List (NPL)**

The NPL is the U.S. Environmental Protection Agency's (USEPA) database of uncontrolled or abandoned hazardous waste sites identified for priority remedial actions under the Superfund program. A site must surpass a predetermined hazard ranking system score, be chosen as a state's top priority site, or meet three (3) specific criteria set jointly by the US Department of Health and Human Services and the USEPA in order to become an NPL site. The EDR report did not identify any NPL sites located within the search radius.

**5.1.2 Proposed NPL Sites**

The Proposed NPL Sites are those sites that have been recommended for entry into the NPL but the decision to include sites on the NPL is pending. The EDR report did not identify any

Proposed NPL Sites to be located within the search radius.

### ***5.1.3 Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)***

The CERCLIS list contains sites that are either proposed to or appear on the National Priorities List (NPL). The EDR report did not identify any CERCLIS sites to be located within the search radius.

### ***5.1.4 Comprehensive Environmental Response, Compensation and Liability Information System – No Further Remedial Action Planned (CERCLIS-NFRAP)***

CERCLIS sites designated “No Further Remedial Action Planned” (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. USEPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to redevelopment of these properties and has archived them as historical records so USEPA does not needlessly repeat the investigations in the future. This policy change is part of the USEPA’s Brownfields Redevelopment Program to help cities, states, private investors, and affected citizens to promote economic redevelopment of unproductive urban sites. The EDR report did not indicate any CERCLIS-NFRAP sites to be located within the search radius.

### ***5.1.5 Corrective Action Report (CORRACTS)***

CORRACTS is a USEPA database of Resource Conservation and Recovery Act (RCRA) facilities that are undergoing “corrective action”. A “corrective action order” is issued pursuant to RCRA Section 3008 (h) when there has been a release of hazardous waste into the environment from a RCRA facility. The EDR report did indicate the presence of one CORRACTS sites listed within the search radius but this is up to one mile from the site.

### ***5.1.6 Resource Conservation and Recovery Act (RCRA)***

The RCRA program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities databases are a compilation by the USEPA of facilities that report storage, transportation, treatment or disposal (TSD) of hazardous waste or generators of hazardous waste. Hazardous waste generators are further divided into Large Quantity Generators (LQG), Small Quantity Generators (SQG), and Conditionally Exempt Small Quantity Generators (CESQG). LQGs are facilities that generate more than 1000 kg/month of non-acutely hazardous waste or more than 1 kg/month of acutely hazardous waste. SQGs generate less than the 1,000 kg/month of non-acutely hazardous waste or less than 1 kg/month of acutely hazardous waste. The EDR report did not identify any TSD, LQG, or SQG facilities within the search radius.

### ***5.1.7 Emergency Response Notification System (ERNS)***

ERNS is a national database used to collect information on reported releases of oil and hazardous substances. The database contains information from spill reports made to the federal authorities including the USEPA, the US Coast Guard, the National Response Center and the Department of Transportation. The EDR report did not identify any spill reports related to the subject area.

### ***5.1.8 State Hazardous Waste (SHWS)***

The state hazardous waste site (SHWS) inventory includes sites that are included in the Mississippi Uncontrolled Sites List which is the state equivalent CERCLIS. The EDR report did not identify any SHWS within the search radius.

### ***5.1.9 Solid Waste Landfill (SWF/LF)***

The SWF/LF is a database of solid waste disposal sites. The EDR report did not identify any SWF/LF sites within the search radius.

### ***5.1.10 Leaking Underground Storage Tanks (LUST)***

The leaking underground storage tank (LUST) database contains an inventory of reported LUST incidents. The EDR Report did indicate the presence of one LUST sites within the search radius but due to its distance from the subject site, it should not pose a threat.

### ***5.1.11 Underground Storage Tanks (UST)***

The underground storage tank (UST) database contains an inventory of registered USTs. The EDR report did not identify any facilities with registered USTs within the search radius.

### ***5.1.12 Indian Lands***

The EDR report did not indicate any Indian land within the search radius.

### ***5.1.13 SWRCY Mississippi Recycling Directory***

The EDR report did not indicate any State listed recycling facilities within the search radius.

### ***5.1.14 Facility Index System/Facility Identification Initiative Program Summary Report***

FINDS contains both facility information and “pointers” to other sources that contain more detail. The EDR report includes the following FINDS databases: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and tract 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). The EDR report did not identify any FINDS facilities within the subject area.

#### ***5.1.15 Orphan Site Summary***

The Orphan Summary is a list of poorly mapped facilities due to inadequate address information in the neighboring area of the subject site. As part of the site reconnaissance, MSARNG conducted a survey of nearby properties searching for Orphan sites listed from the EDR report to determine their significance in relation to subject area distance. MSARNG did not observe any Orphan sites listed on the EDR report within the search radius.

### **5.2 ADDITIONAL ENVIRONMENTAL RECORD SOURCES**

Environmental Records other than those discussed in Section 5.1 were not reviewed in preparation of this Phase I ESA.

### **5.3 PHYSICAL SETTING SOURCE(S)**

Physical setting sources were used to further investigate the history of the subject area. The sources reviewed and the findings are discussed in the following paragraphs. The most current USGS 7.5-minute topographic maps for the area were reviewed to provide physical setting information at the subject area. These maps were included in the EDR report that covers the subject area. The subject area appears to be similar to current conditions. The topographic map is included as **Figure 1**.

### **5.4 HISTORICAL USE INFORMATION ON THE PROPERTY**

#### ***5.4.1 Historical Aerial Photographs***

Aerial photographs were obtained from EDR, Inc. The available aerial photographs were from 1962, 1971, 1974, 1982, 1989, 1991, 2007, 2009, 2010 and 2012. The photographs were reviewed for the presence of structures, equipment, or other environmental factors. Copies of the aerial photographs are provided in **Appendix D**.

*1962* – The subject area appears to be undeveloped. The most of the map appears to be forested.

*1971* – The subject area appears to be undeveloped but some development has taken place in the area.

*1974* – The subject area appears to be undeveloped but surrounding areas have been cleared for future construction projects.

*1982* – The subject area appears to be similar to the 1974 aerial photograph. The poor image quality makes it difficult to distinguish onsite characteristics.

*1989* – The subject area appears to be similar to the 1982 aerial photograph. Commercial property is seen close to subject area.

*1991* – The subject area appears to be undeveloped but more commercial businesses are present in proximity to the subject area.

2007 – The subject area appears to be similar to current site conditions.

2009 – The subject area appears to be similar to the 2007 aerial photograph.

2010 - The subject area appears to be similar to the 2009 aerial photograph.

2012 - The subject area appears to be similar to the 2010 aerial photograph.

#### ***5.4.2 Historic Prior Use Maps***

Historic prior land use maps, like the fire insurance maps generated by the Sanborn Map Company, can provide useful insight into historical land use and the locations of pertinent features such as underground and above ground storage tanks, previous site ownership, and disposal areas. Historic prior land use maps showing the subject site were not available for this area.

#### **5.5 HISTORICAL USE INFORMATION ON ADJOINING PROPERTIES**

Historical use information on adjoining properties indicates that the adjacent properties have been used exclusively by various commercial businesses for approximately 25 years.

Interviews with persons familiar with the history of the area indicate that the sites surrounding the subject area have always been commercial or residential and before development, were undisturbed.

## **6.0 SUBJECT AREA RECONNAISSANCE**

A visual reconnaissance of the subject area was performed on October 6, 2014 by MSARNG JFH Environmental staff. The subject area site visit was conducted to observe general conditions of the subject area and evidence of the existence of possible environmental impacts. The visual reconnaissance included an investigation of property features, such as stained soil and stressed vegetation that may indicate the presence of contamination from discharges, leaks, or spills of chemicals of potential concern. Adjacent properties were also observed from the subject area boundary to assess the potential for environmental impacts from off-site activities that could affect the subject area. Photographs of the subject area taken during the reconnaissance are provided in **Appendix A**.

### **6.1 METHODOLOGY AND LIMITING CONDITIONS**

Subject area reconnaissance included readily accessible exterior areas.

### **6.2 GENERAL SUBJECT AREA SETTING**

The subject area consists of approximately 2-acres of an undeveloped, mostly forested lot. The subject area setting is generally urban, mostly developed, with commercial business locations and residences surrounding the subject area. The topography is hillside with the subject site on a bluff.

### **6.3 EXTERIOR OBSERVATIONS**

The subject area is composed of urban development such as commercial businesses and residences. No indication of other past or current developed uses was observed. The subject area is difficult to access due to lack of road infrastructure. Access is gained to the subject area from a small path on the NE corner of the Wal-Mart complex that bisects the wooded lot. This path runs uphill to a bluff where said monuments are currently located.

### **6.4 INTERIOR OBSERVATIONS**

The subject area reconnaissance showed that the subject area is an undeveloped, mostly forested lot. Three civil war memorials have been located here since the 1970's. There has been no development on the subject area in the past and has no developmental plans in the foreseeable future.

## **7.0 INTERVIEWS**

***Communication with:*** Virginia DuBowy  
US Park Service – Natural Resources Manager  
601-619-2911

***Location:*** Vicksburg, Mississippi

***Communication by:*** Tour of subject site on October 6, 2014

***Regarding:*** Subject Area Location and History

***Summary of Communication:*** Ms. Dubowy introduced MSARNG personnel to the subject site where the civil war monuments are currently located. Ms. DuBowy also showed the area where the three monuments should be relocated off of Pemberton Square Blvd. Ms. DuBowy did not state that there were any known environmental issues associated with the subject area and its surrounding properties.

***Communication with:*** Ricky Martin  
US Park Service – Chief of Operations  
601-831-1870

***Location:*** Vicksburg, Mississippi

***Communication by:*** Telephone interview on October 16, 2014

***Regarding:*** Subject Area History

***Summary of Communication:*** Mr. Martin stated that the subject area has never been developed on or utilized for anything other than an undeveloped, mostly forested lot where three Civil War statues are currently residing. Surrounding adjacent properties have always been commercial or residential in nature. Mr. Martin stated that there were no known environmental issues associated with the subject area and its surrounding properties.

## **8.0 FINDINGS**

MSARNG has completed the Phase I ESA of the subject area within the scope and limitations of AAI Final Rule and the ASTM E1527-05 standard procedure. The following findings and recommendations are based upon conditions observed at the time of reconnaissance, a “good faith” reliance on the information gathered from interviews and records, the information available for review within the time frame allowed by this project, and the limitations of the procedures and methodologies utilized. MSARNG did not identify RECs associated with the subject property.

The following findings were identified as a result of the scope of work:

- The subject area has remained mostly undeveloped land through the years with the exception of having three civil war monuments onsite. The subject area is an undeveloped, mostly forested lot.
- No evidence of pesticide/herbicide impact or empty containers were noted during the site reconnaissance.
- Land use adjacent to and surrounding the subject area has been utilized by commercial businesses and scattered residences.

## **9.0 OPINION**

Based on the information obtained during the Phase I ESA process, MSARNG did not identify any RECs associated with the subject area. The subject area has no development and surrounding areas are commercial and residential in nature. No further action is recommended.

## **10.0 CONCLUSIONS**

MSARNG has conducted a Phase I ESA in conformance with the scope and limitations of AAI Final Rule and ASTM E1527-05 of the 2-acre subject area. This assessment revealed no evidence of RECs in connection with the subject area and no further action is warranted.

## **11.0 DEVIATIONS**

Data failure was not encountered regarding historical ownership and past uses of the subject area.

## **12.0 ADDITIONAL SERVICES**

MSARNG also conducted a preliminary screening of subject area for lead-based paint, pesticides, PCB's, asbestos, radon, and unexploded ordinance (UXO) in conjunction with the Phase I ESA.

No structures were observed within the subject area, hence there was no evaluation for the potential presence of lead-based paint and asbestos containing materials.

No evidence of pesticides/herbicides, PCB's, radon, or UXO was observed during the site visit. Based on the reviewed history of the site, interviews with persons familiar with the site and site reconnaissance, the presence of the abovementioned contaminants is unlikely. The existence of pesticide or herbicide contamination associated with landscaping practices cannot be verified by a Phase I ESA; however, it is unlikely. No pesticide/herbicide containers or areas of dead vegetation were observed during the site reconnaissance.

PCB's in the area may typically be associated with historical and current electrical power transformers. Such transformers could be located on power poles servicing the adjacent businesses. However, no historical transformers on power poles were observed in relation to the subject area. Radon gas is released from the ground due to the decay of naturally-occurring radioactive elements such as radium. Radon concentrations are more prevalent in soils that contain granite or shale which have higher concentrations of radioactive elements. Based on the location of the subject area, radon gas contamination is unlikely. Vicksburg served as the area for one of the biggest battlegrounds during the American Civil War. Although Civil War UXO could exist in the area of the subject site, it is unlikely to be encountered or cause any problems.

**13.0 Signature(s) of Environmental Professional(s)**

---

I declare that, to the best of my professional knowledge and belief, I meet the definition of an Environmental Professional as defined in §312.10 of 40 CFR 312 and I have the specific qualifications based on education, training, and experience to assess a *property* of the nature, history, and setting of the subject area. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312. My qualifications and the qualifications of personnel conducting the subject area reconnaissance and interviews are discussed in Section 15.0.

\_\_\_\_\_

Date: \_\_\_\_\_

#### **14.0 QUALIFICATION(S) OF ENVIRONMENTAL PROFESSIONAL(S)**

The AAI Final Rule requires that the party responsible for conducting the ESA provide information regarding the qualifications of the party with respect to the performance of the ESA. The MSARNG Environmental office is a section of the MSARNG that is responsible for investigating and protecting the natural and cultural resources of land utilized by or related to MSARNG operations and training.

MSARNG Environmental office is staffed by professionals with graduate and undergraduate degrees in engineering, biology, chemistry, and environmental sciences. These professionals maintain a strong technical proficiency and sound scientific approach to the conduct of ESAs.

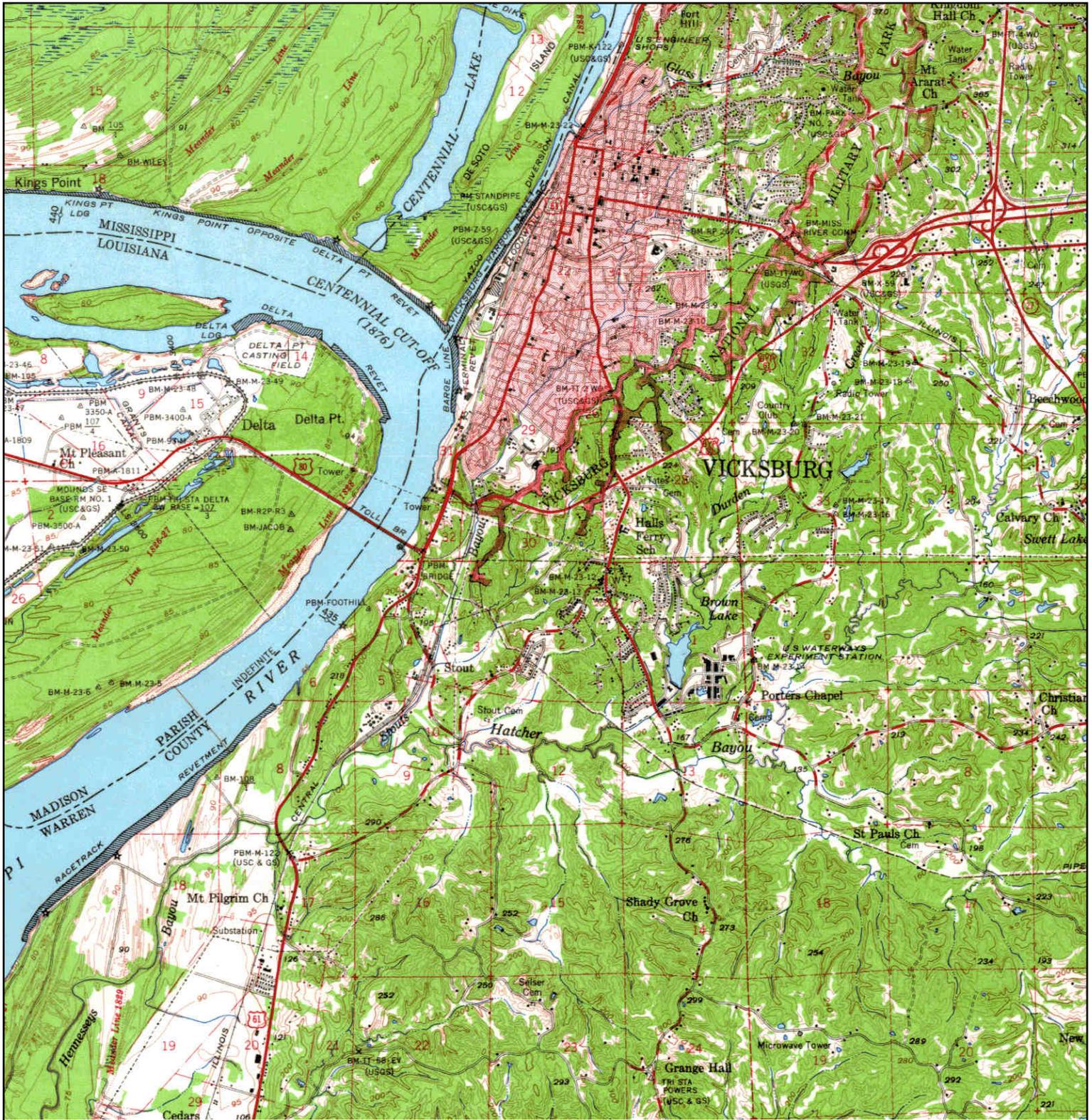
The performance of this Phase I ESA and preparation of this report were conducted by MAJ Kenneth P. Bradley, Jr and Mr. Kenneth Keith.

MAJ Bradley is a Professional Engineer who holds both M.S. and B.S. degrees in Civil Engineering and has sixteen years experience conducting environmental investigations.

Mr. Keith holds both M.S. and B.S. degrees in Environmental Biotechnology and has nine years experience conducting Phase I ESAs and other environmental assessments.

## **Figures**

# Historical Topographic Map



<p>N ↑</p>	<p><b>TARGET QUAD</b>                  NAME: VICKSBURG                  MAP YEAR: 1964</p>	<p><b>SITE NAME:</b> Vicksburg Monument  <b>ADDRESS:</b> 3565 Pemberton Square Blvd                  Vicksburg, MS 39180  <b>LAT/LONG:</b> 32.311 / -90.8846</p>	<p><b>CLIENT:</b> MS Military Department  <b>CONTACT:</b> SFC Glenn A. Easley  <b>INQUIRY#:</b> 4084841.4  <b>RESEARCH DATE:</b> 09/25/2014</p>
	<p><b>SERIES:</b> 15  <b>SCALE:</b> 1:62500</p>		

# Vicksburg Monument Relocation Area



Center Point  
32.309550  
-90.893422

Section Township  
and Range  
S2 T15N R3E



0 100 200 400 Miles



## Legend

 Subject Area

Cyle Keith  
29 October 2014  
\\ngms28245gis\gis\Completed\_Maps\StatewideMaps\VicksburgMonumentRelocation.mxd

No warranty is made by the State/Territory/National Guard Bureau as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data. This map is a living document, in that it is intended to change as new data becomes available and is incorporated into the Enterprise GIS database.

**APPENDIX A**  
**SUBJECT AREA PHOTOGRAPHS**



Photo 1: North view of subject area



Photo 2: West view of subject area



Photo 3: South view of subject area



Photo 4: East view of subject area

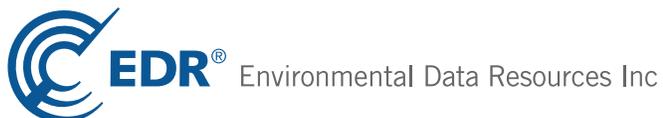
**APPENDIX B**  
**EDR REPORT(S)**

**Vicksburg Monument**

3565 Pemberton Square Blvd  
Vicksburg, MS 39180

Inquiry Number: 4084841.2s  
September 25, 2014

**The EDR Radius Map™ Report with GeoCheck®**



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://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 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

3565 PEMBERTON SQUARE BLVD  
VICKSBURG, MS 39180

#### COORDINATES

Latitude (North): 32.3110000 - 32° 18' 39.60"  
Longitude (West): 90.8846000 - 90° 53' 4.56"  
Universal Transverse Mercator: Zone 15  
UTM X (Meters): 699157.2  
UTM Y (Meters): 3576685.5  
Elevation: 175 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 32090-C8 VICKSBURG WEST, MS LA  
Most Recent Revision: 1998  
  
East Map: 32090-C7 VICKSBURG EAST, MS  
Most Recent Revision: 1962

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20120729, 20100508  
Source: USDA

### TARGET PROPERTY SEARCH RESULTS

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

### DATABASES WITH NO MAPPED SITES

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

### STANDARD ENVIRONMENTAL RECORDS

#### *Federal NPL site list*

NPL..... National Priority List

## EXECUTIVE SUMMARY

Proposed NPL..... Proposed National Priority List Sites  
NPL LIENS..... Federal Superfund Liens

### ***Federal Delisted NPL site list***

Delisted NPL..... National Priority List Deletions

### ***Federal CERCLIS list***

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System  
FEDERAL FACILITY..... Federal Facility Site Information listing

### ***Federal CERCLIS NFRAP site List***

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

### ***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

### ***Federal RCRA generators list***

RCRA-LQG..... RCRA - Large Quantity Generators  
RCRA-SQG..... RCRA - Small Quantity Generators  
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

### ***Federal institutional controls / engineering controls registries***

US ENG CONTROLS..... Engineering Controls Sites List  
US INST CONTROL..... Sites with Institutional Controls  
LUCIS..... Land Use Control Information System

### ***Federal ERNS list***

ERNS..... Emergency Response Notification System

### ***State and tribal landfill and/or solid waste disposal site lists***

SWF/LF..... Solid Waste Landfills  
DEBRIS..... Debris Site Locations Listing

### ***State and tribal leaking storage tank lists***

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

### ***State and tribal registered storage tank lists***

UST..... Underground Storage Tanks  
AST..... Aboveground Storage Tanks  
INDIAN UST..... Underground Storage Tanks on Indian Land  
FEMA UST..... Underground Storage Tank Listing

### ***State and tribal institutional control / engineering control registries***

ENG CONTROLS..... Sites with Engineering Controls

## EXECUTIVE SUMMARY

INST CONTROL..... Sites with Institutional Controls

### **State and tribal voluntary cleanup sites**

INDIAN VCP..... Voluntary Cleanup Priority Listing  
VCP..... Voluntary Evaluation Program Sites

### **State and tribal Brownfields sites**

BROWNFIELDS..... Uncontrolled Sites List

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### **Local Brownfield lists**

US BROWNFIELDS..... A Listing of Brownfields Sites

#### **Local Lists of Landfill / Solid Waste Disposal Sites**

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations  
ODI..... Open Dump Inventory  
SWRCY..... Mississippi Recycling Directory  
SWTIRE..... Commercial Waste Tire Haulers  
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

#### **Local Lists of Hazardous waste / Contaminated Sites**

US CDL..... Clandestine Drug Labs  
US HIST CDL..... National Clandestine Laboratory Register

#### **Local Land Records**

LIENS 2..... CERCLA Lien Information

#### **Records of Emergency Release Reports**

HMIRS..... Hazardous Materials Information Reporting System

#### **Other Ascertainable Records**

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated  
DOT OPS..... Incident and Accident Data  
DOD..... Department of Defense Sites  
FUDS..... Formerly Used Defense Sites  
CONSENT..... Superfund (CERCLA) Consent Decrees  
ROD..... Records Of Decision  
UMTRA..... Uranium Mill Tailings Sites  
US MINES..... Mines Master Index File  
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)  
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing  
SSTS..... Section 7 Tracking Systems

## EXECUTIVE SUMMARY

ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
RMP.....	Risk Management Plans
UIC.....	UIC Information
PERMITS.....	Environmental Site Information System Listing
DRYCLEANERS.....	Drycleaner Facilities Listing
NPDES.....	Industrial & Municipal NPDES Facilities
AIRS.....	Air Quality Information Listing
ASBESTOS.....	Asbestos Project Listing
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
PRP.....	Potentially Responsible Parties
2020 COR ACTION.....	2020 Corrective Action Program List
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
EPA WATCH LIST.....	EPA WATCH LIST
US FIN ASSUR.....	Financial Assurance Information
COAL ASH DOE.....	Steam-Electric Plant Operation Data
PCB TRANSFORMER.....	PCB Transformer Registration Database

### EDR HIGH RISK HISTORICAL RECORDS

#### *EDR Exclusive Records*

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR US Hist Auto Stat.....	EDR Exclusive Historic Gas Stations
EDR US Hist Cleaners.....	EDR Exclusive Historic Dry Cleaners

### EDR RECOVERED GOVERNMENT ARCHIVES

#### *Exclusive Recovered Govt. Archives*

RGA HWS.....	Recovered Government Archive State Hazardous Waste Facilities List
RGA LF.....	Recovered Government Archive Solid Waste Facilities List
RGA LUST.....	Recovered Government Archive Leaking Underground Storage Tank

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

# EXECUTIVE SUMMARY

## STANDARD ENVIRONMENTAL RECORDS

### ***Federal RCRA CORRACTS facilities list***

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

A review of the CORRACTS list, as provided by EDR, and dated 06/10/2014 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>ERDC-WES</b>	<b>SAFETY AND ENVIRONMENT</b>	<b>E 1/2 - 1 (0.911 mi.)</b>	<b>7</b>	<b>12</b>

### ***State- and tribal - equivalent CERCLIS***

SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Quality's Uncontrolled Site Project Tracking System.

A review of the SHWS list, as provided by EDR, and dated 05/08/2014 has revealed that there are 6 SHWS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HALLS FERRY ROAD DUMP (SEE ALS Status: Active)		E 1/2 - 1 (0.770 mi.)	A3	10
HALLS FERRY PARK (SEE ALSO HAL Status: Active)		E 1/2 - 1 (0.770 mi.)	A4	10
<b>AMERISTAR CASINO</b> Status: SNFA		<b>WNW 1/2 - 1 (0.868 mi.)</b>	<b>5</b>	<b>11</b>
<b>MID CONTINENT TANK FARM - FORM</b> Status: RUAO		<b>WNW 1/2 - 1 (0.884 mi.)</b>	<b>6</b>	<b>11</b>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>GSPC- (00774)</b> Status: Inactive		<b>WSW 1/2 - 1 (0.692 mi.)</b>	<b>2</b>	<b>9</b>
VICKSBURG TERMINAL CO. INC. Status: SNFA		W 1/2 - 1 (1.000 mi.)	8	36

### ***State and tribal leaking storage tank lists***

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

A review of the LUST list, as provided by EDR, and dated 07/01/2014 has revealed that there is 1 LUST

## EXECUTIVE SUMMARY

site within approximately 0.5 miles of the target property.

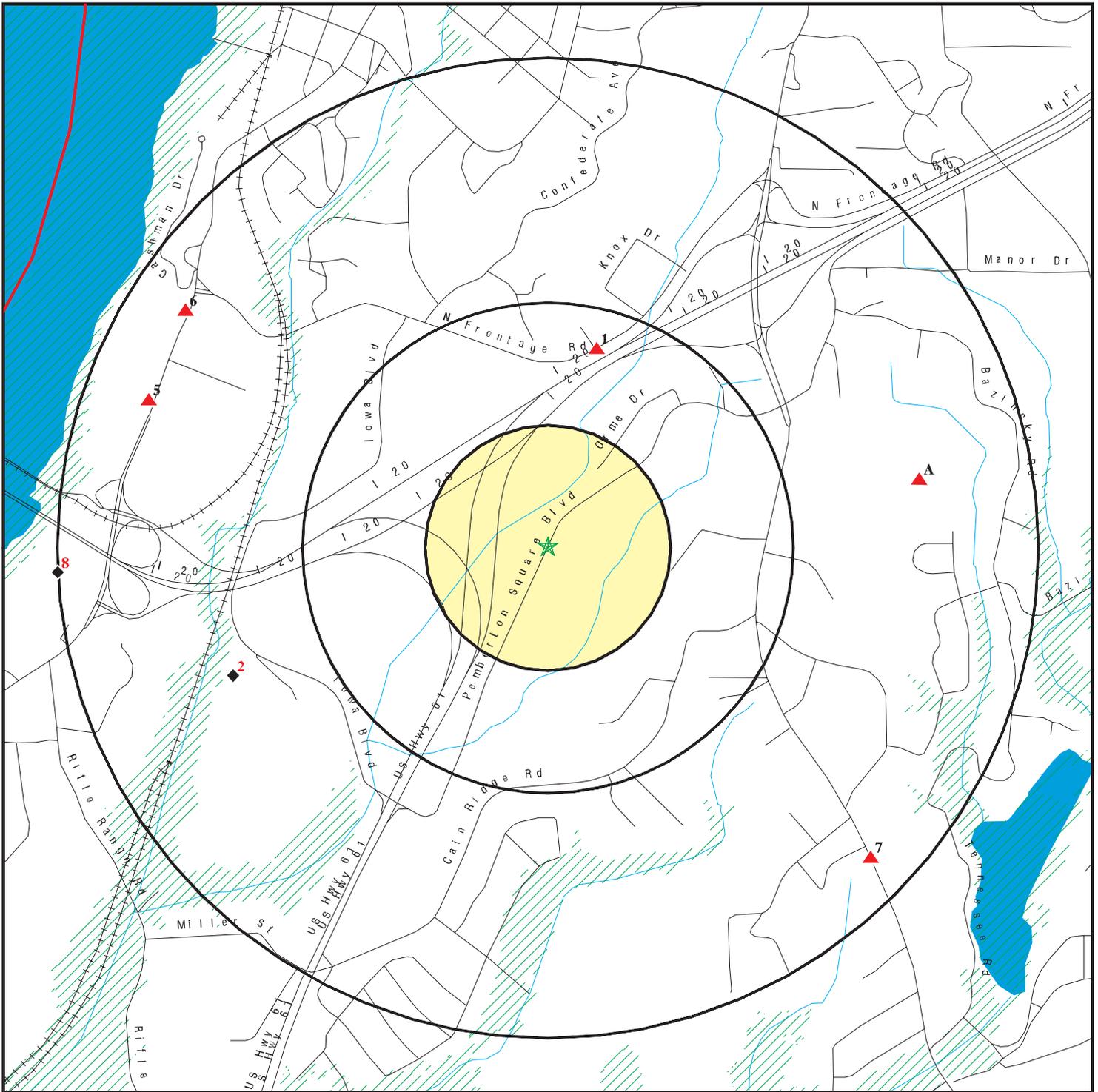
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>RIVER REGION WEST CAMPUS</i> Status Code: Closed	<i>1111 NORTH FRONTAGE ROANNE 1/4 - 1/2 (0.420 mi.)</i>		<i>1</i>	<i>7</i>

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 24 records.

<u>Site Name</u>	<u>Database(s)</u>
INTERNATIONAL PAPER CO VICKSBURG M	CERC-NFRAP
CONTINENTAL CAN CO PLANT 459	CERC-NFRAP, RCRA NonGen / NLR
MILLER WILLS AVIATION INC	LUST, UST
HIGHWAY 27SELF SERVE	LUST, UST
HADAD'S OUTDOOR WORLD	LUST, UST
FREEMAN TRUCK LINES	UST
WALKING D RANCH	UST
W J RUNYON & SON INC	UST
BOVINA SERVICE STATION	UST
MISSISSIPPI MOVING & STORAGE COMPA	UST
ABANDONED STORE	UST
VICKSBURG SF SERVICES RETAIL	UST
UNITED PARCEL SERVICE CENTER	UST
YOKENA GROCERY	UST
PIC N GO	UST
CMC FALK STEEL & METAL	UST
FLOWERS GROCERY	UST
KINGS KWICK & GO	UST
KINGS ELEMENTARY SCHOOL	UST
LEWIS MILLER CONSTRUCTION COMPANY	UST
CEDARS ELEMENTARY SCHOOL	UST
HARRISON'S GROCERY	UST
CMC FALK STEEL	RCRA NonGen / NLR
HORDIS BROTHERS, INC.	RCRA NonGen / NLR

# OVERVIEW MAP - 4084841.2S



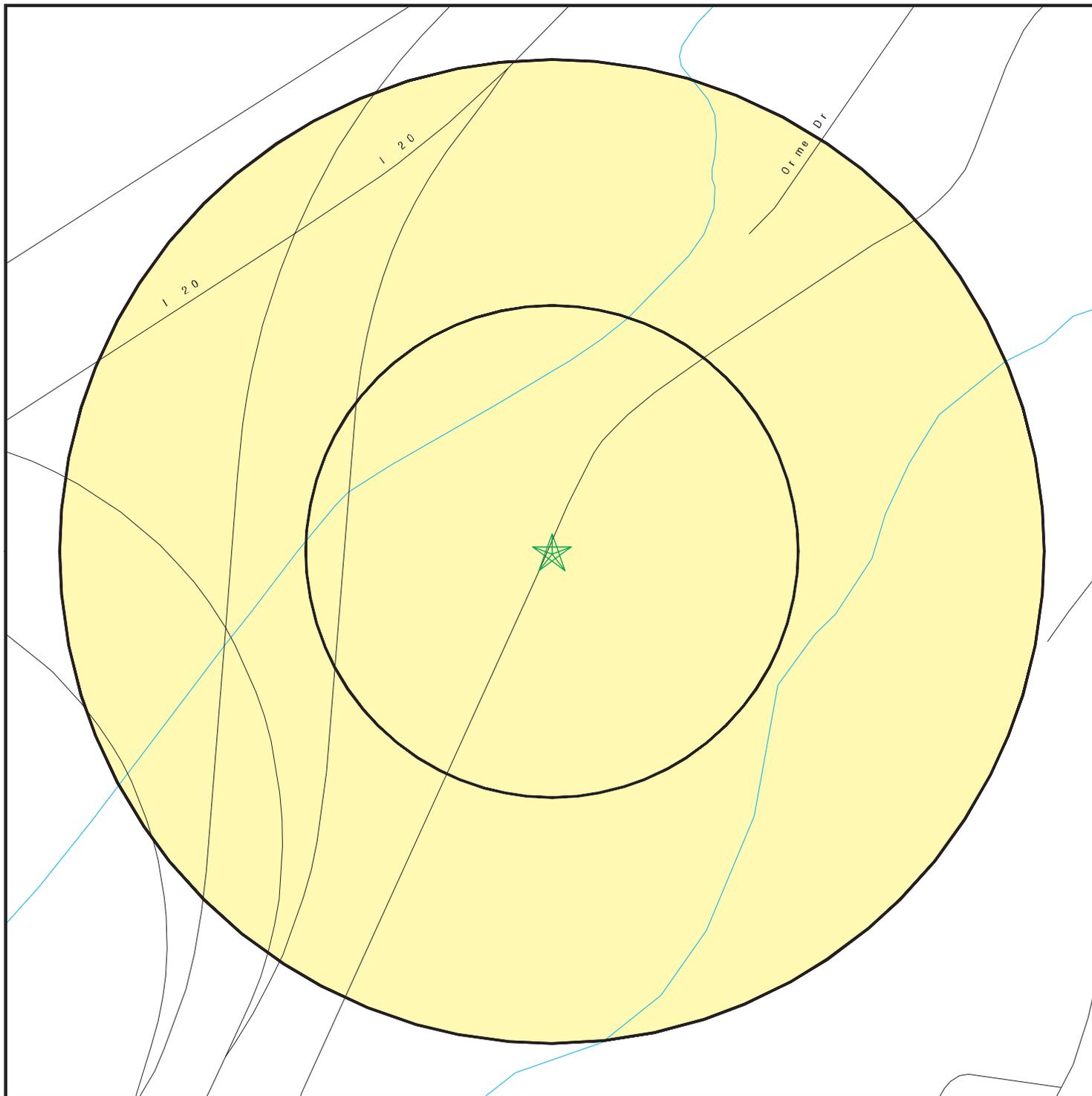
- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Oil & Gas pipelines from USGS
- ▨ 100-year flood zone
- ▨ 500-year flood zone

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: Vicksburg Monument  
 ADDRESS: 3565 Pemberton Square Blvd  
 Vicksburg MS 39180  
 LAT/LONG: 32.311 / 90.8846

CLIENT: MS Military Department  
 CONTACT: SFC Glenn A. Easley  
 INQUIRY #: 4084841.2s  
 DATE: September 25, 2014 3:16 pm

# DETAIL MAP - 4084841.2S



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

-  Indian Reservations BIA
  -  Oil & Gas pipelines from USGS
  -  100-year flood zone
  -  500-year flood zone
- 0 1/16 1/8 1/4 Miles
- N

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

SITE NAME: Vicksburg Monument  
 ADDRESS: 3565 Pemberton Square Blvd  
 Vicksburg MS 39180  
 LAT/LONG: 32.311 / 90.8846

CLIENT: MS Military Department  
 CONTACT: SFC Glenn A. Easley  
 INQUIRY #: 4084841.2s  
 DATE: September 25, 2014 3:16 pm

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
<b><i>Federal CERCLIS NFRAP site List</i></b>								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000		0	0	0	1	NR	1
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	TP		NR	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent CERCLIS</i></b>								
SHWS	1.000		0	0	0	6	NR	6
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF	0.500		0	0	0	NR	NR	0
DEBRIS	0.500		0	0	0	NR	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
LUST	0.500		0	0	1	NR	NR	1
INDIAN LUST	0.500		0	0	0	NR	NR	0
<b><i>State and tribal registered storage tank lists</i></b>								
UST	0.250		0	0	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
<b>State and tribal institutional control / engineering control registries</b>								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
<b>State and tribal voluntary cleanup sites</b>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<b>State and tribal Brownfields sites</b>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
SWTIRE	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
<b>Local Land Records</b>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	TP		NR	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	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
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST 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
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
PERMITS	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
ASBESTOS	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		0	0	NR	NR	NR	0
EDR US Hist Cleaners	0.250		0	0	NR	NR	NR	0

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

RGA HWS	TP		NR	NR	NR	NR	NR	0
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0

#### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)  
EDR ID Number  
EPA ID Number

1  
NNE  
1/4-1/2  
0.420 mi.  
2219 ft.

RIVER REGION WEST CAMPUS  
1111 NORTH FRONTAGE ROAD  
VICKSBURG, MS 39180

LUST  
UST  
ASBESTOS  
U001298879  
N/A

Relative:  
Higher

Facility Id: 1722  
Facility Status: Active  
Lust Status: Closed  
AIIID: 24579  
Event #: 1  
Project Manager: Amanda Easley  
Date Of Report: 11/17/1997  
Trust Fund Status: EUD  
Confirmed On: 11/07/1997  
NFA Date: 09/10/2001

Actual:  
191 ft.

UST:

Facility ID: 1722  
Facility Status: Active  
Latitude: 32 19' 7.4900"  
Longitude: 90 52' 57.7000"  
Permanently Out of Use Tanks: 2  
Active Tanks: 1  
AIIID: 24579  
Owner Name: River Region Health System  
Owner Address: 2100 Highway 61N  
Owner Tele: (601)619-5048

Tank:

Tank No: 1  
Tank ID: 3962  
**Tank Status: Permanently Out of Use**  
Tank Capacity: 1000  
Date Installed: 01/01/1971  
Substance: Diesel  
Reported Release: Yes  
Close Type: Closed  
Date Removed: 11/14/1998  
Close Type: 01/15/1998  
Tank Material: Asphalt Coated or Bare Steel  
2nd Containmnt: None  
Tank Lead Detection: Deferred  
Overfill Protection: No  
Spill Prevention: No

Pipe:

Tank No: 1  
Tank Id: 3962  
Pipe Id: 1  
Pipe Status: Permanently Out of Use  
Type Of Closure: Closed  
Pipe Material Construction: Bare/Galvanized Steel  
Secondary Pipe Material: None  
Piping Type: U.S. Suction  
Pipe Leak Detection: Deferred

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

RIVER REGION WEST CAMPUS (Continued)

U001298879

Tank:

Tank No: 2  
Tank ID: 3963  
**Tank Status: Permanently Out of Use**  
Tank Capacity: 550  
Date Installed: 01/01/1986  
Substance: Diesel  
Reported Release: Yes  
Close Type: Closed  
Date Removed: 12/09/1997  
Close Type: 12/09/1997  
Tank Material: Asphalt Coated or Bare Steel  
2nd Containmnt: Lined Interior  
Tank Lead Detection: N/A  
Overfill Protection: No  
Spill Prevention: No

Pipe:

Tank No: 2  
Tank Id: 3963  
Pipe Id: 2  
Pipe Status: Permanently Out of Use  
Type Of Closure: Closed  
Pipe Material Construction: Bare/Galvanized Steel  
Secondary Pipe Material: None  
Piping Type: U.S. Suction  
Pipe Leak Detection: N/A

Tank:

Tank No: 3  
Tank ID: 3964  
**Tank Status: Currently In Use**  
Tank Capacity: 5000  
Date Installed: 06/01/1998  
Substance: Diesel  
Reported Release: Yes  
Close Type: Not reported  
Date Removed: Not reported  
Close Type: Not reported  
Tank Material: Composite (Steel w/ FRP)  
2nd Containmnt: Double-Walled  
Tank Lead Detection: Deferred  
Overfill Protection: Yes  
Spill Prevention: Yes

Pipe:

Tank No: 3  
Tank Id: 3964  
Pipe Id: 3  
Pipe Status: Currently In Use  
Type Of Closure: Not reported  
Pipe Material Construction: Flexible Plastic  
Secondary Pipe Material: Double-Walled  
Piping Type: Pressurized  
Pipe Leak Detection: Deferred

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

RIVER REGION WEST CAMPUS (Continued)

U001298879

ASBESTOS:

AI ID: 24579  
SR No: 344  
City: VICKSBURG  
County: Warren  
ACT Type: Renovation  
Branch: UST  
SIC: 5541  
Basin: None  
Start Date: 04/08/2014  
Start Date 1: 08/16/1990  
Date End: Not reported  
Mailing Address: 2100 Highway 61 North Vicksburg, MS 39183  
Office of Pollution Control Name: Henderson, Kevin  
Office of Pollution Control Assignment: Office of Pollution Control Compliance Manager  
Office of Pollution Control Phone: (601) 961-5283

2  
WSW  
1/2-1  
0.692 mi.  
3654 ft.

GSPC- (00774)

SHWS S106861112  
VCP N/A

WARREN (County), MS

Relative:  
Lower  
Actual:  
135 ft.

SHWS:  
Lat/Long (dms): 32 18 26 / 90 53 44  
Site Size (acres): Not reported  
EPA ID: Not reported  
Project Manager: Not reported  
**Status: Inactive**  
State No Further Action Date: Not reported  
Federal: Not reported  
Federal No Further Action Date: Not reported  
Soil Contamination: No  
Surface Water Contamination: No  
Ground Water Contamination: No  
Remediation Type: Not reported  
Surface Water Remediation: Not reported  
GW Remediation Type: Not reported  
Maj. Contaminant: Mercury  
High Concentration: Not reported  
High Concentration Units: Not reported  
Institutional Control: Not reported  
Engineering Control: Not reported  
Voluntary Cleanups: VEP

VCP:  
Voluntary Cleanup VEP or BF: VEP

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**A3**            **HALLS FERRY ROAD DUMP (SEE ALSO HALLS FERRY PARK)**  
**East**  
**1/2-1**        **VICKSBURG, MS**  
**0.770 mi.**  
**4066 ft.**     **Site 1 of 2 in cluster A**

**SHWS**    **S108996597**  
              **N/A**

**Relative:**        **SHWS:**  
**Higher**         Lat/Long (dms):            32 18 47 / 90 52 18  
                      Site Size (acres):            40  
**Actual:**         EPA ID:                        MSD980502660  
**195 ft.**         Project Manager:            McKercher, Willie  
                      **Status:**                        **Active**  
                      State No Further Action Date:    Not reported  
                      Federal:                        Archive  
                      Federal No Further Action Date: 02/25/1998  
                      Soil Contamination:            No  
                      Surface Water Contamination:    No  
                      Ground Water Contamination:    No  
                      Remediation Type:            Not reported  
                      Surface Water Remediation:    Not reported  
                      GW Remediation Type:        Not reported  
                      Maj. Contaminant:            NO DATA  
                      High Concentration:            Not reported  
                      High Concentration Units:      Not reported  
                      Institutional Control:        Not reported  
                      Engineering Control:        Not reported  
                      Voluntary Cleanups:        Not reported

**A4**            **HALLS FERRY PARK (SEE ALSO HALLS FERRY ROAD DUMP)**  
**East**  
**1/2-1**        **VICKSBURG, MS**  
**0.770 mi.**  
**4066 ft.**     **Site 2 of 2 in cluster A**

**SHWS**    **S103920417**  
              **N/A**

**Relative:**        **SHWS:**  
**Higher**         Lat/Long (dms):            32 18 47 / 90 52 18  
                      Site Size (acres):            40  
**Actual:**         EPA ID:                        Not reported  
**195 ft.**         Project Manager:            McKercher, Willie  
                      **Status:**                        **Active**  
                      State No Further Action Date:    Not reported  
                      Federal:                        Not reported  
                      Federal No Further Action Date: Not reported  
                      Soil Contamination:            No  
                      Surface Water Contamination:    No  
                      Ground Water Contamination:    No  
                      Remediation Type:            Not reported  
                      Surface Water Remediation:    Not reported  
                      GW Remediation Type:        Not reported  
                      Maj. Contaminant:            NO DATA  
                      High Concentration:            Not reported  
                      High Concentration Units:      Not reported  
                      Institutional Control:        Not reported  
                      Engineering Control:        Not reported  
                      Voluntary Cleanups:        Not reported

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**5**  
**WNW**  
**1/2-1**  
**0.868 mi.**  
**4584 ft.**

**AMERISTAR CASINO**  
**VICKSBURG, MS**

**SHWS S103920153**  
**INST CONTROL N/A**

**Relative:**  
**Higher**

SHWS:  
 Lat/Long (dms): 32 18 54 / 90 54 0  
 Site Size (acres): <1  
 EPA ID: Not reported  
 Project Manager: Not reported  
**Status: SNFA**  
 State No Further Action Date: 10/27/2004  
 Federal: Not reported  
 Federal No Further Action Date: Not reported  
 Soil Contamination: Yes  
 Surface Water Contamination: No  
 Ground Water Contamination: No  
 Remediation Type: E  
 Surface Water Remediation: Not reported  
 GW Remediation Type: Not reported  
 Maj. Contaminant: TPH  
 High Concentration: 2.37E+02  
 High Concentration Units: mg/kg  
 Institutional Control: 10/27/2004  
 Engineering Control: Not reported  
 Voluntary Cleanups: Not reported

**Actual:**  
**225 ft.**

INST CONTROL:  
 Institutional Control: 10/27/2004

**6**  
**WNW**  
**1/2-1**  
**0.884 mi.**  
**4669 ft.**

**MID CONTINENT TANK FARM - FORMER RACK AREA**  
**VICKSBURG, MS**

**SHWS S106593156**  
**INST CONTROL N/A**

**Relative:**  
**Higher**

SHWS:  
 Lat/Long (dms): 32 19 5 / 90 53 50  
 Site Size (acres): <1  
 EPA ID: Not reported  
 Project Manager: Lightsey, Ben  
**Status: RUAO**  
 State No Further Action Date: 12/08/2009  
 Federal: Not reported  
 Federal No Further Action Date: Not reported  
 Soil Contamination: Yes  
 Surface Water Contamination: No  
 Ground Water Contamination: Yes  
 Remediation Type: E  
 Surface Water Remediation: Not reported  
 GW Remediation Type: Not reported  
 Maj. Contaminant: Benzene  
 High Concentration: 7.47E-01  
 High Concentration Units: mg/L  
 Institutional Control: 12/07/2007  
 Engineering Control: Not reported  
 Voluntary Cleanups: Not reported

**Actual:**  
**213 ft.**

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**MID CONTINENT TANK FARM - FORMER RACK AREA (Continued)**

**S106593156**

Lat/Long (dms): 32 19 7 / 90 53 55  
 Site Size (acres): 1  
 EPA ID: Not reported  
 Project Manager: Lightsey, Ben  
**Status: RUAO**  
 State No Further Action Date: 04/25/2000  
 Federal: Not reported  
 Federal No Further Action Date: Not reported  
 Soil Contamination: Yes  
 Surface Water Contamination: No  
 Ground Water Contamination: Yes  
 Remediation Type: E  
 Surface Water Remediation: Not reported  
 GW Remediation Type: NA  
 Maj. Contaminant: Benzene  
 High Concentration: 7.47E-01  
 High Concentration Units: mg/L  
 Institutional Control: 04/25/2000  
 Engineering Control: Not reported  
 Voluntary Cleanups: Not reported

INST CONTROL:  
 Institutional Control: 12/07/2007  
  
 Institutional Control: 04/25/2000

7  
 SE  
 1/2-1  
 0.911 mi.  
 4809 ft.

**ERDC-WES  
 SAFETY AND ENVIRONMENTAL MGT  
 VICKSBURG, MS**

**Relative:  
 Higher**

**RCRA-TSDF 1000112505  
 CORRACTS MS6210809871  
 RCRA-LQG  
 FTTS  
 HIST FTTS  
 PERMITS  
 ASBESTOS  
 2020 COR ACTION**

**Actual:  
 184 ft.**

RCRA-TSDF:  
 Date form received by agency: 05/11/2012  
 Facility name: ERDC- WATERWAYS EXPERIMENT STATION  
 Facility address: 3909 HALLS FERRY ROAD  
 VICKSBURG, MS 39180  
 EPA ID: MS6210809871  
 Mailing address: HALLS FERRY ROAD  
 VICKSBURG, MS 39180  
 Contact: JERRY W HASKINS  
 Contact address: HALLS FERRY ROAD  
 VICKSBURG, MS 39180  
 Contact country: US  
 Contact telephone: (601) 634-2298  
 Contact email: JERRY.W.HASKINS@USACE.ARMY.MIL  
 EPA Region: 04  
 Land type: Federal  
 Classification: TSDF  
 Description: Handler is engaged in the treatment, storage or disposal of hazardous waste  
 Classification: Large Quantity Generator  
 Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

ERDC-WES (Continued)

1000112505

during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: ERDC- WATERWAYS EXPERIMENT STATION  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: Not reported  
Owner/operator telephone: Not reported  
Legal status: Federal  
Owner/Operator Type: Operator  
Owner/Op start date: 08/01/2010  
Owner/Op end date: Not reported

Owner/operator name: ERDC- WATERWAYS EXPERIMENT STATION  
Owner/operator address: HALLS FERRY ROAD  
VICKSBURG, MS 39180  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Federal  
Owner/Operator Type: Owner  
Owner/Op start date: 08/01/2010  
Owner/Op end date: Not reported

Owner/operator name: WATERWAYS EXPERIMENT STATION  
Owner/operator address: 3909 HALLS FERRY ROAD  
VICKSBURG, MS 39180  
Owner/operator country: Not reported  
Owner/operator telephone: (601) 634-2298  
Legal status: Federal  
Owner/Operator Type: Operator  
Owner/Op start date: 01/01/0001  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
Used oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ERDC-WES (Continued)**

**1000112505**

Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 09/01/2010  
Site name: ERDC- WATERWAYS EXPERIMENT STATION  
Classification: Large Quantity Generator

Date form received by agency: 08/30/2004  
Site name: ERDC-WES  
Classification: Large Quantity Generator

Date form received by agency: 01/02/2003  
Site name: WATERWAYS EXPERIMENT STATION  
Classification: Large Quantity Generator

Date form received by agency: 01/02/2003  
Site name: WATERWAYS EXPERIMENT STATION  
Classification: Large Quantity Generator

Date form received by agency: 02/28/2002  
Site name: ERDC-WATERWAYS EXPERIMENT STATION  
Classification: Large Quantity Generator

Date form received by agency: 06/10/1998  
Site name: WATERWAYS EXPERIMENT STATION  
Classification: Large Quantity Generator

Date form received by agency: 02/26/1996  
Site name: WATERWAYS EXPERIMENT STATION  
Classification: Large Quantity Generator

Date form received by agency: 02/25/1994  
Site name: WATERWAYS EXPERIMENT STATION  
Classification: Large Quantity Generator

Date form received by agency: 02/25/1992  
Site name: WATERWAYS EXPERIMENT STATION  
Classification: Large Quantity Generator

Date form received by agency: 07/25/1991  
Site name: WATERWAYS EXPERIMENT STATION  
Classification: Not a generator, verified

Date form received by agency: 03/07/1990  
Site name: WATERWAYS EXPERIMENT STATION  
Classification: Large Quantity Generator

Date form received by agency: 03/07/1990  
Site name: WATERWAYS EXPERIMENT STATION  
Classification: Large Quantity Generator

Date form received by agency: 03/07/1990  
Site name: WATERWAYS EXPERIMENT STATION  
Classification: Large Quantity Generator

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

ERDC-WES (Continued)

1000112505

Hazardous Waste Summary:

Waste code: D001  
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002  
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D007  
Waste name: CHROMIUM

Waste code: D008  
Waste name: LEAD

Waste code: D009  
Waste name: MERCURY

Waste code: D010  
Waste name: SELENIUM

Waste code: D011  
Waste name: SILVER

Waste code: D018  
Waste name: BENZENE

Waste code: F002  
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F003  
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

ERDC-WES (Continued)

1000112505

BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005  
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: U080  
Waste name: METHANE, DICHLORO-

Waste code: U087  
Waste name: O,O-DIETHYL S-METHYL DITHIOPHOSPHATE

Waste code: U154  
Waste name: METHANOL (I)

Waste code: U211  
Waste name: CARBON TETRACHLORIDE

Biennial Reports:

Last Biennial Reporting Year: 2013

Annual Waste Handled:

Waste code: D001  
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Amount (Lbs): 2027

Waste code: D002  
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Amount (Lbs): 5313

Waste code: D008  
Waste name: LEAD  
Amount (Lbs): 21920

Waste code: D009  
Waste name: MERCURY  
Amount (Lbs): 42

Waste code: F002

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

ERDC-WES (Continued)

1000112505

Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Amount (Lbs): 250

Waste code: F003

Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Amount (Lbs): 2014

Waste code: U087

Waste name: O,O-DIETHYL S-METHYL DITHIOPHOSPHATE

Amount (Lbs): 6

Corrective Action Summary:

Event date: 12/29/1988  
Event: RFA Completed

Event date: 09/17/1990  
Event: RFI Imposition

Event date: 11/19/1990  
Event: CA104

Event date: 11/19/1990  
Event: RFI Workplan Received

Event date: 12/11/1990  
Event: RFI Supplemental Implementation Begun

Event date: 12/11/1990  
Event: RFI Workplan Approved

Event date: 03/19/1991  
Event: RFI Workplan Received

Event date: 03/31/1992  
Event: CA Prioritization, Facility or area was assigned a medium corrective action priority.

Event date: 09/09/1997  
Event: Current Human Exposures under Control

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ERDC-WES (Continued)**

**1000112505**

Event date: 09/09/1997  
Event: Igration of Contaminated Groundwater under Control

Event date: 09/14/2003  
Event: RFI Imposition

Event date: 09/08/2009  
Event: Current Human Exposures under Control, More information is needed to make a determination.

Event date: 09/08/2009  
Event: Igration of Contaminated Groundwater under Control, More information is needed to make a determination.

Facility Has Received Notices of Violations:

Regulation violated: Not reported  
Area of violation: Generators - Pre-transport  
Date violation determined: 09/18/2008  
Date achieved compliance: 02/03/2009  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 12/17/2008  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: TSD IS-Container Use and Management  
Date violation determined: 09/18/2008  
Date achieved compliance: 02/03/2009  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 12/17/2008  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - 264.15(C)  
Area of violation: TSD - Manifest/Records/Reporting  
Date violation determined: 10/11/1993  
Date achieved compliance: 12/31/1993  
Violation lead agency: State  
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement action date: 12/02/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ERDC-WES (Continued)**

**1000112505**

Regulation violated: SR - 264.34(C)(2)  
Area of violation: TSD - Container Use and Management  
Date violation determined: 10/11/1993  
Date achieved compliance: 12/31/1993  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 10/13/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - 264.54  
Area of violation: TSD - Contingency Plan and Emergency Procedures  
Date violation determined: 10/11/1993  
Date achieved compliance: 12/31/1993  
Violation lead agency: State  
Enforcement action: VERBAL INFORMAL  
Enforcement action date: 10/28/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - 264.34(C)(2)  
Area of violation: TSD - Container Use and Management  
Date violation determined: 10/11/1993  
Date achieved compliance: 12/31/1993  
Violation lead agency: State  
Enforcement action: VERBAL INFORMAL  
Enforcement action date: 10/28/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - 264.34(C)(2)  
Area of violation: TSD - Container Use and Management  
Date violation determined: 10/11/1993  
Date achieved compliance: 12/31/1993  
Violation lead agency: State  
Enforcement action: VERBAL INFORMAL  
Enforcement action date: 11/23/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - 264.15(C)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

ERDC-WES (Continued)

1000112505

Area of violation: TSD - Manifest/Records/Reporting  
Date violation determined: 10/11/1993  
Date achieved compliance: 12/31/1993  
Violation lead agency: State  
Enforcement action: VERBAL INFORMAL  
Enforcement action date: 11/23/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - 264.15(C)  
Area of violation: TSD - Manifest/Records/Reporting  
Date violation determined: 10/11/1993  
Date achieved compliance: 12/31/1993  
Violation lead agency: State  
Enforcement action: VERBAL INFORMAL  
Enforcement action date: 10/28/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - 264.54  
Area of violation: TSD - Contingency Plan and Emergency Procedures  
Date violation determined: 10/11/1993  
Date achieved compliance: 12/31/1993  
Violation lead agency: State  
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement action date: 12/02/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - 264.54  
Area of violation: TSD - Contingency Plan and Emergency Procedures  
Date violation determined: 10/11/1993  
Date achieved compliance: 12/31/1993  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 10/13/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - 268.(A)(2)(I)  
Area of violation: LDR - General

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

ERDC-WES (Continued)

1000112505

Date violation determined: 10/11/1993  
Date achieved compliance: 12/31/1993  
Violation lead agency: State  
Enforcement action: VERBAL INFORMAL  
Enforcement action date: 10/28/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - 268.(A)(2)(I)  
Area of violation: LDR - General  
Date violation determined: 10/11/1993  
Date achieved compliance: 12/31/1993  
Violation lead agency: State  
Enforcement action: VERBAL INFORMAL  
Enforcement action date: 11/23/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - 268.(A)(2)(I)  
Area of violation: LDR - General  
Date violation determined: 10/11/1993  
Date achieved compliance: 12/31/1993  
Violation lead agency: State  
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement action date: 12/02/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - 268.(A)(2)(I)  
Area of violation: LDR - General  
Date violation determined: 10/11/1993  
Date achieved compliance: 12/31/1993  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 10/13/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - 264.54  
Area of violation: TSD - Contingency Plan and Emergency Procedures  
Date violation determined: 10/11/1993

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

ERDC-WES (Continued)

1000112505

Date achieved compliance: 12/31/1993  
Violation lead agency: State  
Enforcement action: VERBAL INFORMAL  
Enforcement action date: 11/23/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - 264.34(C)(2)  
Area of violation: TSD - Container Use and Management  
Date violation determined: 10/11/1993  
Date achieved compliance: 12/31/1993  
Violation lead agency: State  
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement action date: 12/02/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - 264.15(C)  
Area of violation: TSD - Manifest/Records/Reporting  
Date violation determined: 10/11/1993  
Date achieved compliance: 12/31/1993  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 10/13/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - 265.15(D)  
Area of violation: TSD - General Facility Standards  
Date violation determined: 02/15/1990  
Date achieved compliance: 03/26/1990  
Violation lead agency: State  
Enforcement action: VERBAL INFORMAL  
Enforcement action date: 11/23/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - 265.35  
Area of violation: TSD - Preparedness and Prevention  
Date violation determined: 02/15/1990  
Date achieved compliance: 03/26/1990

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

ERDC-WES (Continued)

1000112505

Violation lead agency: State  
Enforcement action: VERBAL INFORMAL  
Enforcement action date: 11/23/1993  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: TSD - General  
Date violation determined: 02/15/1990  
Date achieved compliance: 03/26/1990  
Violation lead agency: EPA  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - 265.15(D)  
Area of violation: TSD - General Facility Standards  
Date violation determined: 02/15/1990  
Date achieved compliance: 03/26/1990  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 03/15/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: LDR - General  
Date violation determined: 02/15/1990  
Date achieved compliance: 03/26/1990  
Violation lead agency: EPA  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - 265.35  
Area of violation: TSD - Preparedness and Prevention  
Date violation determined: 02/15/1990  
Date achieved compliance: 03/26/1990  
Violation lead agency: State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ERDC-WES (Continued)**

**1000112505**

Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 03/15/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: TSD - General  
Date violation determined: 03/21/1989  
Date achieved compliance: 03/21/1989  
Violation lead agency: EPA  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: TSD - General  
Date violation determined: 03/21/1989  
Date achieved compliance: 08/15/1989  
Violation lead agency: State  
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement action date: 07/12/1989  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: LDR - General  
Date violation determined: 03/21/1989  
Date achieved compliance: 03/21/1989  
Violation lead agency: EPA  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: TSD - General  
Date violation determined: 11/04/1987  
Date achieved compliance: 01/15/1988  
Violation lead agency: EPA  
Enforcement action: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ERDC-WES (Continued)**

**1000112505**

Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: TSD - General  
Date violation determined: 11/04/1987  
Date achieved compliance: 05/01/1988  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 05/01/1988  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: TSD - General  
Date violation determined: 11/04/1987  
Date achieved compliance: 05/01/1988  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 12/10/1987  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: TSD - Closure/Post-Closure  
Date violation determined: 11/04/1987  
Date achieved compliance: 05/01/1988  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 05/01/1988  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: TSD - Closure/Post-Closure  
Date violation determined: 11/04/1987  
Date achieved compliance: 05/01/1988  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 12/10/1987

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ERDC-WES (Continued)**

**1000112505**

Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: TSD - Closure/Post-Closure  
Date violation determined: 11/04/1987  
Date achieved compliance: 01/15/1988  
Violation lead agency: EPA  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: TSD - General  
Date violation determined: 11/18/1986  
Date achieved compliance: 12/19/1986  
Violation lead agency: EPA  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Evaluation Action Summary:  
Evaluation date: 08/30/2013  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 03/29/2012  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 09/09/2011  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 09/09/2010  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ERDC-WES (Continued)**

**1000112505**

Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 08/24/2009  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 09/18/2008  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD IS-Container Use and Management  
Date achieved compliance: 02/03/2009  
Evaluation lead agency: State

Evaluation date: 09/18/2008  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - Pre-transport  
Date achieved compliance: 02/03/2009  
Evaluation lead agency: State

Evaluation date: 04/17/2007  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 04/17/2007  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation date: 10/13/2006  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 09/26/2006  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 05/25/2005  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: EPA

Evaluation date: 05/25/2005  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ERDC-WES (Continued)**

**1000112505**

Evaluation date: 09/27/2002  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 05/06/1999  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 03/31/1998  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 03/26/1997  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 03/06/1996  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: EPA

Evaluation date: 03/06/1996  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 07/13/1995  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation date: 07/13/1995  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 09/29/1994  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 09/20/1993  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - Container Use and Management

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ERDC-WES (Continued)**

**1000112505**

Date achieved compliance: 12/31/1993  
Evaluation lead agency: State

Evaluation date: 09/20/1993  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - Manifest/Records/Reporting  
Date achieved compliance: 12/31/1993  
Evaluation lead agency: State

Evaluation date: 09/20/1993  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - Contingency Plan and Emergency Procedures  
Date achieved compliance: 12/31/1993  
Evaluation lead agency: State

Evaluation date: 09/20/1993  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: LDR - General  
Date achieved compliance: 12/31/1993  
Evaluation lead agency: State

Evaluation date: 08/05/1992  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 08/05/1992  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation date: 09/11/1991  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 02/15/1990  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General Facility Standards  
Date achieved compliance: 03/26/1990  
Evaluation lead agency: State

Evaluation date: 02/15/1990  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - Preparedness and Prevention  
Date achieved compliance: 03/26/1990  
Evaluation lead agency: State

Evaluation date: 02/15/1990  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General  
Date achieved compliance: 03/26/1990  
Evaluation lead agency: EPA-Initiated Oversight/Observation/Training Actions

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ERDC-WES (Continued)**

**1000112505**

Evaluation date: 02/15/1990  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: LDR - General  
Date achieved compliance: 03/26/1990  
Evaluation lead agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation date: 03/21/1989  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General  
Date achieved compliance: 08/15/1989  
Evaluation lead agency: State

Evaluation date: 03/21/1989  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: LDR - General  
Date achieved compliance: 03/21/1989  
Evaluation lead agency: EPA

Evaluation date: 03/21/1989  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General  
Date achieved compliance: 03/21/1989  
Evaluation lead agency: EPA

Evaluation date: 02/05/1989  
Evaluation: NON-FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 10/25/1988  
Evaluation: NON-FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 01/04/1988  
Evaluation: COMPLIANCE SCHEDULE EVALUATION  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 11/04/1987  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - Closure/Post-Closure  
Date achieved compliance: 05/01/1988  
Evaluation lead agency: State

Evaluation date: 11/04/1987  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - Closure/Post-Closure  
Date achieved compliance: 01/15/1988  
Evaluation lead agency: EPA

Evaluation date: 11/04/1987  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ERDC-WES (Continued)**

**1000112505**

Date achieved compliance: 01/15/1988  
Evaluation lead agency: EPA

Evaluation date: 11/04/1987  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General  
Date achieved compliance: 05/01/1988  
Evaluation lead agency: State

Evaluation date: 11/18/1986  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General  
Date achieved compliance: 12/19/1986  
Evaluation lead agency: EPA

Evaluation date: 11/21/1985  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: EPA

**CORRACTS:**

EPA ID: MS6210809871  
EPA Region: 04  
Area Name: ENTIRE FACILITY  
Actual Date: 20090908  
Action: CA750IN - Migration of Contaminated Groundwater under Control, More information is needed to make a determination

NAICS Code(s): 54171  
Research and Development in the Physical, Engineering, and Life Sciences

Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: MS6210809871  
EPA Region: 04  
Area Name: ENTIRE FACILITY  
Actual Date: 20090908  
Action: CA725IN - Current Human Exposures Under Control, More information is needed to make a determination

NAICS Code(s): 54171  
Research and Development in the Physical, Engineering, and Life Sciences

Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: MS6210809871  
EPA Region: 04  
Area Name: ENTIRE FACILITY  
Actual Date: 19970909  
Action: CA725 - Current Human Exposures Under Control

NAICS Code(s): 54171  
Research and Development in the Physical, Engineering, and Life Sciences

Original schedule date: Not reported  
Schedule end date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

ERDC-WES (Continued)

1000112505

EPA ID: MS6210809871  
EPA Region: 04  
Area Name: ENTIRE FACILITY  
Actual Date: 19970909  
Action: CA750 - Migration of Contaminated Groundwater under Control  
NAICS Code(s): 54171  
Research and Development in the Physical, Engineering, and Life Sciences  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: MS6210809871  
EPA Region: 04  
Area Name: ENTIRE FACILITY  
Actual Date: 19901211  
Action: CA180 - RFI Supplemental Implementation Begun  
NAICS Code(s): 54171  
Research and Development in the Physical, Engineering, and Life Sciences  
Original schedule date: 19901211  
Schedule end date: Not reported

EPA ID: MS6210809871  
EPA Region: 04  
Area Name: ENTIRE FACILITY  
Actual Date: 19901211  
Action: CA150 - RFI Workplan Approved  
NAICS Code(s): 54171  
Research and Development in the Physical, Engineering, and Life Sciences  
Original schedule date: 19910217  
Schedule end date: Not reported

EPA ID: MS6210809871  
EPA Region: 04  
Area Name: ENTIRE FACILITY  
Actual Date: 20030914  
Action: CA100 - RFI Imposition  
NAICS Code(s): 54171  
Research and Development in the Physical, Engineering, and Life Sciences  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: MS6210809871  
EPA Region: 04  
Area Name: ENTIRE FACILITY  
Actual Date: 19900917  
Action: CA100 - RFI Imposition  
NAICS Code(s): 54171  
Research and Development in the Physical, Engineering, and Life Sciences  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: MS6210809871  
EPA Region: 04

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ERDC-WES (Continued)**

**1000112505**

Area Name: ENTIRE FACILITY  
Actual Date: 19910319  
Action: CA110 - RFI Workplan Received  
NAICS Code(s): 54171  
Research and Development in the Physical, Engineering, and Life Sciences  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: MS6210809871  
EPA Region: 04  
Area Name: ENTIRE FACILITY  
Actual Date: 19901119  
Action: CA104  
NAICS Code(s): 54171  
Research and Development in the Physical, Engineering, and Life Sciences  
Original schedule date: 19901029  
Schedule end date: Not reported

EPA ID: MS6210809871  
EPA Region: 04  
Area Name: ENTIRE FACILITY  
Actual Date: 19901119  
Action: CA110 - RFI Workplan Received  
NAICS Code(s): 54171  
Research and Development in the Physical, Engineering, and Life Sciences  
Original schedule date: 19910217  
Schedule end date: Not reported

EPA ID: MS6210809871  
EPA Region: 04  
Area Name: ENTIRE FACILITY  
Actual Date: 19881229  
Action: CA050 - RFA Completed  
NAICS Code(s): 54171  
Research and Development in the Physical, Engineering, and Life Sciences  
Original schedule date: 19880516  
Schedule end date: Not reported

EPA ID: MS6210809871  
EPA Region: 04  
Area Name: ENTIRE FACILITY  
Actual Date: 19920331  
Action: CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority  
NAICS Code(s): 54171  
Research and Development in the Physical, Engineering, and Life Sciences  
Original schedule date: Not reported  
Schedule end date: Not reported

FTTS INSP:  
Inspection Number: 19960328MS007 1  
Region: 04

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ERDC-WES (Continued)**

**1000112505**

Inspection Date: 03/28/96  
Inspector: FORSHEE, BICKHAM  
Violation occurred: No  
Investigation Type: AHERA, Enforcement, State Conducted  
Investigation Reason: Neutral Scheme, State  
Legislation Code: TSCA  
Facility Function: User

**HIST FTTS INSP:**

Inspection Number: 19960328MS007 1  
Region: 04  
Inspection Date: Not reported  
Inspector: FORSHEE, BICKHAM  
Violation occurred: No  
Investigation Type: AHERA, Enforcement, State Conducted  
Investigation Reason: Neutral Scheme, State  
Legislation Code: TSCA  
Facility Function: User

**MS PERMIT:**

AI Id: 1158  
Mailing Address: 3909 Halls Ferry Road  
Mailing City,St,Zip: VICKSBURG, MS 39180  
Branch: Energy and Transportation  
SIC: 9711  
Basin: Mississippi River Basin - direct dischargers to MS, Big Black River  
Start Date: 09/11/1990  
End Date: Not reported

**ASBESTOS:**

AI ID: 1158  
SR No: Not reported  
City: VICKSBURG  
County: Warren  
ACT Type: Demolition  
Branch: Energy and Transportation  
SIC: 9711  
Basin: Mississippi River Basin - direct dischargers to MS, Big Black River  
Start Date: 05/13/2011  
Start Date 1: 09/11/1990  
Date End: Not reported  
Mailing Address: 3909 Halls Ferry Road, Vicksburg, MS 39180  
Office of Pollution Control Name: Barkley, Jay  
Office of Pollution Control Assignment: Office of Pollution Control Compliance Manager  
Office of Pollution Control Phone: (601) 961-5154

AI ID: 1158  
SR No: Not reported  
City: VICKSBURG  
County: Warren  
ACT Type: Demolition  
Branch: Energy and Transportation  
SIC: 9711  
Basin: Mississippi River Basin - direct dischargers to MS, Big Black River

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ERDC-WES (Continued)**

**1000112505**

Start Date: 03/02/2013  
Start Date 1: 09/11/1990  
Date End: Not reported  
Mailing Address: 3909 Halls Ferry Road ,Vicksburg, MS 39180  
Office of Pollution Control Name: Barkley, Jay  
Office of Pollution Control Assignment: Office of Pollution Control Compliance Manager  
Office of Pollution Control Phone: (601) 961-5154

AI ID: 1158  
SR No: Not reported  
City: VICKSBURG  
County: Warren  
ACT Type: Demolition  
Branch: Energy and Transportation  
SIC: 9711  
Basin: Mississippi River Basin - direct dischargers to MS, Big Black River  
Start Date: 03/02/2013  
Start Date 1: 09/11/1990  
Date End: Not reported  
Mailing Address: 3909 Halls Ferry Road ,Vicksburg, MS 39180  
Office of Pollution Control Name: Hardy, Tyler  
Office of Pollution Control Assignment: Office of Pollution Control Compliance Staff  
Office of Pollution Control Phone: (601) 961-5685

AI ID: 1158  
SR No: Not reported  
City: VICKSBURG  
County: Warren  
ACT Type: Demolition  
Branch: Energy and Transportation  
SIC: 9711  
Basin: Mississippi River Basin - direct dischargers to MS, Big Black River  
Start Date: 03/02/2013  
Start Date 1: 09/11/1990  
Date End: Not reported  
Mailing Address: 3909 Halls Ferry Road ,Vicksburg, MS 39180  
Office of Pollution Control Name: Collins, Bryan  
Office of Pollution Control Assignment: Office of Pollution Control Permit Manager  
Office of Pollution Control Phone: (601) 961-5239

AI ID: 1158  
SR No: Not reported  
City: VICKSBURG  
County: Warren  
ACT Type: Demolition  
Branch: Energy and Transportation  
SIC: 9711  
Basin: Mississippi River Basin - direct dischargers to MS, Big Black River  
Start Date: 03/02/2013  
Start Date 1: 09/11/1990  
Date End: Not reported  
Mailing Address: 3909 Halls Ferry Road ,Vicksburg, MS 39180  
Office of Pollution Control Name: Havard, John  
Office of Pollution Control Assignment: Office of Pollution Control Permit Writer  
Office of Pollution Control Phone: (601) 961-5522

AI ID: 1158

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

ERDC-WES (Continued)

1000112505

SR No: Not reported  
City: VICKSBURG  
County: Warren  
ACT Type: Renovation  
Branch: Energy and Transportation  
SIC: 9711  
Basin: Mississippi River Basin - direct dischargers to MS, Big Black River  
Start Date: 01/22/2013  
Start Date 1: 09/11/1990  
Date End: Not reported  
Mailing Address: 3909 Halls Ferry Road<br>Vicksburg, MS 39180  
Office of Pollution Control Name: Barkley, Jay  
Office of Pollution Control Assignment: Office of Pollution Control Compliance Manager  
Office of Pollution Control Phone: (601) 961-5154

AI ID: 1158  
SR No: Not reported  
City: VICKSBURG  
County: Warren  
ACT Type: Demolition  
Branch: Energy and Transportation  
SIC: 9711  
Basin: Mississippi River Basin - direct dischargers to MS, Big Black River  
Start Date: 10/15/2010  
Start Date 1: 09/11/1990  
Date End: Not reported  
Mailing Address: 3909 Halls Ferry Road, Vicksburg, MS 39180  
Office of Pollution Control Name: Barkley, Jay  
Office of Pollution Control Assignment: Office of Pollution Control Compliance Manager  
Office of Pollution Control Phone: (601) 961-5154

2020 COR ACTION:

EPA ID: MS6210809871  
Region: 4  
Action: Not reported

8  
West  
1/2-1  
1.000 mi.  
5280 ft.

VICKSBURG TERMINAL CO. INC.  
VICKSBURG, MS

SHWS S103920934  
N/A

Relative:  
Lower

SHWS:  
Lat/Long (dms): 32 18 37 / 90 54 6  
Site Size (acres): Not reported  
EPA ID: Not reported  
Project Manager: Not reported  
**Status:** **SNFA**  
State No Further Action Date: 02/21/1996  
Federal: Not reported  
Federal No Further Action Date: Not reported  
Soil Contamination: Yes  
Surface Water Contamination: No  
Ground Water Contamination: Yes  
Remediation Type: X  
Surface Water Remediation: Not reported  
GW Remediation Type: Not reported

Actual:  
162 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICKSBURG TERMINAL CO. INC. (Continued)**

**S103920934**

Maj. Contaminant:	TPH
High Concentration:	2.00E+03
High Concentration Units:	mg/kg
Institutional Control:	Not reported
Engineering Control:	Not reported
Voluntary Cleanups:	Not reported

Count: 24 records.

## ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
VICKSBURG	U001303751	FREEMAN TRUCK LINES	ROUTE 2 BOX 90-A	39180	UST
VICKSBURG	U001303741	MILLER WILLS AVIATION INC	ROUTE 2 BOX 86 C VICKSBURG AIR	39180	LUST, UST
VICKSBURG	U001303977	WALKING D RANCH	HIGHWAY 27 SOUTH	39180	UST
VICKSBURG	U001298557	HIGHWAY 27SELF SERVE	HIGHWAY 27	39180	LUST, UST
VICKSBURG	U001294552	W J RUNYON & SON INC	HIGHWAY 27 SOUTH	39180	UST
VICKSBURG	1015734939	INTERNATIONAL PAPER CO VICKSBURG M	HWY 3 N	39180	CERC-NFRAP
VICKSBURG	U001303746	BOVINA SERVICE STATION	ROUTE 5 BOX 100	39180	UST
VICKSBURG	U004121992	MISSISSIPPI MOVING & STORAGE COMPA	HIGHWAY 61 SOUTH	39180	UST
VICKSBURG	U003774307	ABANDONED STORE	HIGHWAY 61	39180	UST
VICKSBURG	U001300805	VICKSBURG SF SERVICES RETAIL	415 HIGHWAY 61 BYPASS	39180	UST
VICKSBURG	U001300169	UNITED PARCEL SERVICE CENTER	HIGHWAY 61 NORTH	39180	UST
VICKSBURG	U001298886	HADAD'S OUTDOOR WORLD	417 HIGHWAY 61 NORTH 13 BYPASS	39180	LUST, UST
VICKSBURG	U001298578	YOKENA GROCERY	HIGHWAY 61 SOUTH	39180	UST
VICKSBURG	U001298545	PIC N GO	HIGHWAY 61 NORTH	39180	UST
VICKSBURG	U001296860	CMC FALK STEEL & METAL	HIGHWAY 61 NORTH	39180	UST
VICKSBURG	U001295102	FLOWERS GROCERY	HIGHWAY 61 SOUTH	39180	UST
VICKSBURG	U001294582	KINGS KWICK & GO	HIGHWAY 61 NORTH	39180	UST
VICKSBURG	1000475835	CMC FALK STEEL	HIGHWAY 61 NORTH BUSINESS	39180	RCRA NonGen / NLR
VICKSBURG	1000475372	HORDIS BROTHERS, INC.	HIGHWAY 61 SOUTH	39180	RCRA NonGen / NLR
VICKSBURG	U001303994	KINGS ELEMENTARY SCHOOL	ROUTE 7 BOX 112-A	39180	UST
VICKSBURG	U001299767	LEWIS MILLER CONSTRUCTION COMPANY	HIGHWAY 80 GRAVEL PIT	39180	UST
VICKSBURG	U001303990	CEDARS ELEMENTARY SCHOOL	CEDARS SCHOOL ROAD HIGHWAY 61	39180	UST
VICKSBURG	U004121982	HARRISON'S GROCERY	HIGHWAY	39180	UST
VICKSBURG	1000412562	CONTINENTAL CAN CO PLANT 459	US ROUTE 61 N	39180	CERC-NFRAP, RCRA NonGen / NLR

# 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.

## STANDARD ENVIRONMENTAL RECORDS

### ***Federal NPL site list***

#### **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: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 09/19/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 10/20/2014
	Data Release Frequency: Quarterly

#### **NPL Site Boundaries**

##### **Sources:**

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

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

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

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

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 09/19/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 10/20/2014
	Data Release Frequency: Quarterly

#### **NPL LIENS: Federal Superfund Liens**

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

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal Delisted NPL site list***

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: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 09/19/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 10/20/2014
	Data Release Frequency: Quarterly

## ***Federal CERCLIS list***

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: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 08/28/2014
Number of Days to Update: 94	Next Scheduled EDR Contact: 12/08/2014
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/08/2014	Telephone: 703-603-8704
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 07/08/2014
Number of Days to Update: 45	Next Scheduled EDR Contact: 10/20/2014
	Data Release Frequency: Varies

## ***Federal CERCLIS NFRAP site List***

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: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 08/28/2014
Number of Days to Update: 94	Next Scheduled EDR Contact: 12/08/2014
	Data Release Frequency: Quarterly

## ***Federal RCRA CORRACTS facilities list***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/10/2014  
Date Data Arrived at EDR: 07/02/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 78

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 07/02/2014  
Next Scheduled EDR Contact: 10/13/2014  
Data Release Frequency: Quarterly

## ***Federal RCRA non-CORRACTS TSD facilities list***

### **RCRA-TSDF: RCRA - Treatment, Storage and Disposal**

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. 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). 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.

Date of Government Version: 06/10/2014  
Date Data Arrived at EDR: 07/02/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 78

Source: Environmental Protection Agency  
Telephone: (404) 562-8651  
Last EDR Contact: 07/02/2014  
Next Scheduled EDR Contact: 10/13/2014  
Data Release Frequency: Quarterly

## ***Federal RCRA generators list***

### **RCRA-LQG: RCRA - Large Quantity Generators**

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. 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). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/10/2014  
Date Data Arrived at EDR: 07/02/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 78

Source: Environmental Protection Agency  
Telephone: (404) 562-8651  
Last EDR Contact: 07/02/2014  
Next Scheduled EDR Contact: 10/13/2014  
Data Release Frequency: Quarterly

### **RCRA-SQG: RCRA - Small Quantity Generators**

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. 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). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/10/2014  
Date Data Arrived at EDR: 07/02/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 78

Source: Environmental Protection Agency  
Telephone: (404) 562-8651  
Last EDR Contact: 07/02/2014  
Next Scheduled EDR Contact: 10/13/2014  
Data Release Frequency: Quarterly

### **RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators**

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. 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.

Date of Government Version: 06/10/2014  
Date Data Arrived at EDR: 07/02/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 78

Source: Environmental Protection Agency  
Telephone: (404) 562-8651  
Last EDR Contact: 07/02/2014  
Next Scheduled EDR Contact: 10/13/2014  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal institutional controls / engineering controls registries***

### 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: 06/23/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/15/2014	Telephone: 703-603-0695
Date Made Active in Reports: 09/18/2014	Last EDR Contact: 09/08/2014
Number of Days to Update: 65	Next Scheduled EDR Contact: 12/22/2014
	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: 06/23/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/15/2014	Telephone: 703-603-0695
Date Made Active in Reports: 09/18/2014	Last EDR Contact: 09/08/2014
Number of Days to Update: 65	Next Scheduled EDR Contact: 12/22/2014
	Data Release Frequency: Varies

### LUCIS: Land Use Control Information System

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

Date of Government Version: 05/28/2014	Source: Department of the Navy
Date Data Arrived at EDR: 05/30/2014	Telephone: 843-820-7326
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 08/14/2014
Number of Days to Update: 18	Next Scheduled EDR Contact: 12/01/2014
	Data Release Frequency: Varies

## ***Federal ERNS list***

### 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: 09/30/2013	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 10/01/2013	Telephone: 202-267-2180
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 07/03/2014
Number of Days to Update: 66	Next Scheduled EDR Contact: 07/14/2014
	Data Release Frequency: Annually

## ***State- and tribal - equivalent CERCLIS***

### SHWS: CERCLA/Uncontrolled Sites File List

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

Date of Government Version: 05/08/2014	Source: Department of Environmental Quality
Date Data Arrived at EDR: 07/02/2014	Telephone: 601-961-5666
Date Made Active in Reports: 07/29/2014	Last EDR Contact: 07/02/2014
Number of Days to Update: 27	Next Scheduled EDR Contact: 10/13/2014
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **State and tribal landfill and/or solid waste disposal site lists**

### SWF/LF: Solid Waste Landfills

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

Date of Government Version: 06/01/2013	Source: Department of Environmental Quality
Date Data Arrived at EDR: 08/28/2013	Telephone: 601-961-5082
Date Made Active in Reports: 10/31/2013	Last EDR Contact: 08/26/2014
Number of Days to Update: 64	Next Scheduled EDR Contact: 12/08/2014
	Data Release Frequency: Semi-Annually

### DEBRIS: Debris Site Locations Listing

A listing of Hurricane Katrina debris disposal site locations. Not all of these sites were approved or utilized. Please note that the list includes a number of different types of sites including vegetative debris burn, chip, staging and disposal sites as well as structural debris staging and disposal sites.

Date of Government Version: 06/17/2008	Source: Department of Environmental Quality
Date Data Arrived at EDR: 06/17/2008	Telephone: 601-961-5726
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 08/19/2014
Number of Days to Update: 44	Next Scheduled EDR Contact: 12/08/2014
	Data Release Frequency: Varies

## **State and tribal leaking storage tank lists**

### LUST: Leaking Underground Storage Tank Database

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: 07/01/2014	Source: Department of Environmental Quality
Date Data Arrived at EDR: 07/02/2014	Telephone: 601-961-5058
Date Made Active in Reports: 07/30/2014	Last EDR Contact: 07/02/2014
Number of Days to Update: 28	Next Scheduled EDR Contact: 10/13/2014
	Data Release Frequency: Quarterly

### INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2013	Telephone: 415-972-3372
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 07/22/2014
Number of Days to Update: 42	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Quarterly

### INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 08/04/2014	Source: EPA, Region 5
Date Data Arrived at EDR: 08/05/2014	Telephone: 312-886-7439
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 17	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Varies

### INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 05/20/2014	Source: EPA Region 10
Date Data Arrived at EDR: 06/10/2014	Telephone: 206-553-2857
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 73	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/01/2013	Source: EPA Region 1
Date Data Arrived at EDR: 05/01/2013	Telephone: 617-918-1313
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 08/01/2014
Number of Days to Update: 184	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Varies

## INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/13/2014	Source: EPA Region 8
Date Data Arrived at EDR: 08/15/2014	Telephone: 303-312-6271
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 07/22/2014
Number of Days to Update: 7	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Quarterly

## INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 05/22/2014	Source: EPA Region 7
Date Data Arrived at EDR: 08/22/2014	Telephone: 913-551-7003
Date Made Active in Reports: 09/18/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Varies

## INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/14/2014	Source: EPA Region 6
Date Data Arrived at EDR: 05/15/2014	Telephone: 214-665-6597
Date Made Active in Reports: 07/15/2014	Last EDR Contact: 07/22/2014
Number of Days to Update: 61	Next Scheduled EDR Contact: 11/20/2014
	Data Release Frequency: Varies

## INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 07/30/2014	Source: EPA Region 4
Date Data Arrived at EDR: 08/12/2014	Telephone: 404-562-8677
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 04/22/2014
Number of Days to Update: 10	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Semi-Annually

### **State and tribal registered storage tank lists**

#### UST: Underground Storage Tanks

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

Date of Government Version: 07/01/2014	Source: Department of Environmental Quality
Date Data Arrived at EDR: 07/02/2014	Telephone: 601-961-5058
Date Made Active in Reports: 07/30/2014	Last EDR Contact: 07/02/2014
Number of Days to Update: 28	Next Scheduled EDR Contact: 10/13/2014
	Data Release Frequency: Quarterly

#### AST: Aboveground Storage Tanks

Aboveground storage tanks regulated by the Department of Agriculture & Commerce. The tanks contents will be gasoline, diesel, racing fuel or kerosene.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/16/2014  
Date Data Arrived at EDR: 06/19/2014  
Date Made Active in Reports: 06/26/2014  
Number of Days to Update: 7

Source: Department of Agriculture & Commerce  
Telephone: 601-359-1101  
Last EDR Contact: 08/26/2014  
Next Scheduled EDR Contact: 12/08/2014  
Data Release Frequency: Semi-Annually

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

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 07/30/2014  
Date Data Arrived at EDR: 08/12/2014  
Date Made Active in Reports: 08/22/2014  
Number of Days to Update: 10

Source: EPA Region 4  
Telephone: 404-562-9424  
Last EDR Contact: 04/22/2014  
Next Scheduled EDR Contact: 08/11/2014  
Data Release Frequency: Semi-Annually

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

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 08/04/2014  
Date Data Arrived at EDR: 08/05/2014  
Date Made Active in Reports: 08/22/2014  
Number of Days to Update: 17

Source: EPA Region 5  
Telephone: 312-886-6136  
Last EDR Contact: 04/28/2014  
Next Scheduled EDR Contact: 11/10/2014  
Data Release Frequency: Varies

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

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 07/25/2014  
Date Data Arrived at EDR: 07/28/2014  
Date Made Active in Reports: 08/22/2014  
Number of Days to Update: 25

Source: EPA Region 6  
Telephone: 214-665-7591  
Last EDR Contact: 07/22/2014  
Next Scheduled EDR Contact: 11/10/2014  
Data Release Frequency: Semi-Annually

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

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 08/20/2014  
Date Data Arrived at EDR: 08/22/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 27

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 04/28/2014  
Next Scheduled EDR Contact: 11/10/2014  
Data Release Frequency: Varies

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

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/01/2013  
Date Data Arrived at EDR: 05/01/2013  
Date Made Active in Reports: 01/27/2014  
Number of Days to Update: 271

Source: EPA, Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 08/01/2014  
Next Scheduled EDR Contact: 11/10/2014  
Data Release Frequency: Varies

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

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/14/2014  
Date Data Arrived at EDR: 08/15/2014  
Date Made Active in Reports: 08/22/2014  
Number of Days to Update: 7

Source: EPA Region 9  
Telephone: 415-972-3368  
Last EDR Contact: 07/22/2014  
Next Scheduled EDR Contact: 11/10/2014  
Data Release Frequency: Quarterly

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

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 05/20/2014  
Date Data Arrived at EDR: 06/10/2014  
Date Made Active in Reports: 08/15/2014  
Number of Days to Update: 66

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 07/22/2014  
Next Scheduled EDR Contact: 11/10/2014  
Data Release Frequency: Quarterly

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

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/13/2014  
Date Data Arrived at EDR: 08/15/2014  
Date Made Active in Reports: 08/22/2014  
Number of Days to Update: 7

Source: EPA Region 8  
Telephone: 303-312-6137  
Last EDR Contact: 07/22/2014  
Next Scheduled EDR Contact: 11/10/2014  
Data Release Frequency: Quarterly

## FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010  
Date Data Arrived at EDR: 02/16/2010  
Date Made Active in Reports: 04/12/2010  
Number of Days to Update: 55

Source: FEMA  
Telephone: 202-646-5797  
Last EDR Contact: 07/08/2014  
Next Scheduled EDR Contact: 10/27/2014  
Data Release Frequency: Varies

## ***State and tribal institutional control / engineering control registries***

### ENG CONTROLS: Sites with Engineering Controls

Sites included on the CERCLA/Uncontrolled Sites File List that have Engineering Controls. Engineering Controls encompass a variety of engineered remedies to contain and/or reduce contamination, and/or physical barriers intended to limit access to property. ECs include fences, signs, guards, landfill caps, provision of potable water, slurry walls, sheet pile (vertical caps), pumping and treatment of groundwater, monitoring wells, and vapor extraction systems

Date of Government Version: 05/08/2014  
Date Data Arrived at EDR: 07/02/2014  
Date Made Active in Reports: 07/29/2014  
Number of Days to Update: 27

Source: Department of Environmental Quality  
Telephone: 601-961-5666  
Last EDR Contact: 07/02/2014  
Next Scheduled EDR Contact: 10/13/2014  
Data Release Frequency: Quarterly

### INST CONTROL: Sites with Institutional Controls

Sites included on the CERCLA/Uncontrolled Sites File List that have Institutional Controls. Institutional Controls are non-engineered instruments, such as administrative and/or legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of a remedy by limiting land or resource use

Date of Government Version: 05/08/2014  
Date Data Arrived at EDR: 07/02/2014  
Date Made Active in Reports: 07/29/2014  
Number of Days to Update: 27

Source: Department of Environmental Quality  
Telephone: 601-961-5666  
Last EDR Contact: 07/02/2014  
Next Scheduled EDR Contact: 10/13/2014  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **State and tribal voluntary cleanup sites**

### VCP: Voluntary Evaluation Program Sites

The Voluntary Evaluation Program allows accepted parties the opportunity to participate in a program that will expedite the evaluation of the site information.

Date of Government Version: 05/08/2014	Source: Department of Environmental Quality
Date Data Arrived at EDR: 07/02/2014	Telephone: 601-961-5063
Date Made Active in Reports: 07/29/2014	Last EDR Contact: 07/02/2014
Number of Days to Update: 27	Next Scheduled EDR Contact: 10/13/2014
	Data Release Frequency: Varies

### INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

### INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 05/30/2014	Source: EPA, Region 1
Date Data Arrived at EDR: 07/01/2014	Telephone: 617-918-1102
Date Made Active in Reports: 08/15/2014	Last EDR Contact: 07/01/2014
Number of Days to Update: 45	Next Scheduled EDR Contact: 10/13/2014
	Data Release Frequency: Varies

## **State and tribal Brownfields sites**

### BROWNFIELDS: Uncontrolled Sites List

A listing of sites from the Uncontrolled Sites List that are currently in the Mississippi Brownfields Program (which means that they are pursuing liability protection and paying for MDEQ oversight costs).

Date of Government Version: 05/08/2014	Source: Department of Environmental Quality
Date Data Arrived at EDR: 07/02/2014	Telephone: 601-961-5666
Date Made Active in Reports: 07/29/2014	Last EDR Contact: 07/02/2014
Number of Days to Update: 27	Next Scheduled EDR Contact: 10/13/2014
	Data Release Frequency: Varies

## **ADDITIONAL ENVIRONMENTAL RECORDS**

### **Local Brownfield lists**

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

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/03/2014	Telephone: 202-566-2777
Date Made Active in Reports: 07/28/2014	Last EDR Contact: 09/23/2014
Number of Days to Update: 25	Next Scheduled EDR Contact: 01/05/2015
	Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **Local Lists of Landfill / Solid Waste Disposal Sites**

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

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

Date of Government Version: 06/30/1985  
Date Data Arrived at EDR: 08/09/2004  
Date Made Active in Reports: 09/17/2004  
Number of Days to Update: 39

Source: Environmental Protection Agency  
Telephone: 800-424-9346  
Last EDR Contact: 06/09/2004  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### **DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations**

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009  
Date Data Arrived at EDR: 05/07/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 137

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 07/25/2014  
Next Scheduled EDR Contact: 11/10/2014  
Data Release Frequency: No Update Planned

### **SWTIRE: Commercial Waste Tire Haulers**

A listing of commercial waste tire haulers.

Date of Government Version: 06/13/2014  
Date Data Arrived at EDR: 06/13/2014  
Date Made Active in Reports: 06/27/2014  
Number of Days to Update: 14

Source: Department of Environmental Quality  
Telephone: 601-961-5726  
Last EDR Contact: 08/11/2014  
Next Scheduled EDR Contact: 11/24/2014  
Data Release Frequency: Quarterly

### **SWRCY: Mississippi Recycling Directory**

A listing of recycling facilities.

Date of Government Version: 12/31/2013  
Date Data Arrived at EDR: 05/30/2014  
Date Made Active in Reports: 06/25/2014  
Number of Days to Update: 26

Source: Department of Environmental Quality  
Telephone: 601-961-5005  
Last EDR Contact: 08/29/2014  
Next Scheduled EDR Contact: 12/08/2014  
Data Release Frequency: Varies

### **INDIAN ODI: Report on the Status of Open Dumps on Indian Lands**

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 01/24/2008  
Number of Days to Update: 52

Source: Environmental Protection Agency  
Telephone: 703-308-8245  
Last EDR Contact: 08/01/2014  
Next Scheduled EDR Contact: 11/17/2014  
Data Release Frequency: Varies

## **Local Lists of Hazardous waste / Contaminated Sites**

### **US CDL: Clandestine Drug Labs**

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/28/2014  
Date Data Arrived at EDR: 06/20/2014  
Date Made Active in Reports: 07/15/2014  
Number of Days to Update: 25

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 09/03/2014  
Next Scheduled EDR Contact: 12/15/2014  
Data Release Frequency: Quarterly

## US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 05/28/2014  
Date Data Arrived at EDR: 06/20/2014  
Date Made Active in Reports: 07/15/2014  
Number of Days to Update: 25

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 09/03/2014  
Next Scheduled EDR Contact: 12/15/2014  
Data Release Frequency: No Update Planned

## Local Land Records

### LIENS 2: CERCLA Lien Information

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014  
Date Data Arrived at EDR: 03/18/2014  
Date Made Active in Reports: 04/24/2014  
Number of Days to Update: 37

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 07/22/2014  
Next Scheduled EDR Contact: 11/10/2014  
Data Release Frequency: Varies

## Records of Emergency Release Reports

### HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 06/30/2014  
Date Data Arrived at EDR: 07/01/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 79

Source: U.S. Department of Transportation  
Telephone: 202-366-4555  
Last EDR Contact: 07/01/2014  
Next Scheduled EDR Contact: 10/13/2014  
Data Release Frequency: Annually

## Other Ascertainable Records

### RCRA NonGen / NLR: RCRA - Non Generators

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. 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). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/10/2014  
Date Data Arrived at EDR: 07/02/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 78

Source: Environmental Protection Agency  
Telephone: (404) 562-8651  
Last EDR Contact: 07/02/2014  
Next Scheduled EDR Contact: 10/13/2014  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/31/2012  
Date Data Arrived at EDR: 08/07/2012  
Date Made Active in Reports: 09/18/2012  
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety  
Telephone: 202-366-4595  
Last EDR Contact: 08/06/2014  
Next Scheduled EDR Contact: 11/17/2014  
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: 12/31/2005  
Date Data Arrived at EDR: 11/10/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 62

Source: USGS  
Telephone: 888-275-8747  
Last EDR Contact: 07/18/2014  
Next Scheduled EDR Contact: 10/27/2014  
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: 06/06/2014  
Date Data Arrived at EDR: 09/10/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 8

Source: U.S. Army Corps of Engineers  
Telephone: 202-528-4285  
Last EDR Contact: 09/10/2014  
Next Scheduled EDR Contact: 12/22/2014  
Data Release Frequency: Varies

## 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: 12/31/2013  
Date Data Arrived at EDR: 01/24/2014  
Date Made Active in Reports: 02/24/2014  
Number of Days to Update: 31

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 06/30/2014  
Next Scheduled EDR Contact: 10/13/2014  
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: 11/25/2013  
Date Data Arrived at EDR: 12/12/2013  
Date Made Active in Reports: 02/24/2014  
Number of Days to Update: 74

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 09/09/2014  
Next Scheduled EDR Contact: 12/22/2014  
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: 09/14/2010  
Date Data Arrived at EDR: 10/07/2011  
Date Made Active in Reports: 03/01/2012  
Number of Days to Update: 146

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 08/20/2014  
Next Scheduled EDR Contact: 12/08/2014  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## US 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: 01/30/2014  
Date Data Arrived at EDR: 03/05/2014  
Date Made Active in Reports: 07/15/2014  
Number of Days to Update: 132

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 09/04/2014  
Next Scheduled EDR Contact: 12/15/2014  
Data Release Frequency: Semi-Annually

## 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: 12/31/2011  
Date Data Arrived at EDR: 07/31/2013  
Date Made Active in Reports: 09/13/2013  
Number of Days to Update: 44

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 08/29/2014  
Next Scheduled EDR Contact: 12/08/2014  
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: 12/31/2006  
Date Data Arrived at EDR: 09/29/2010  
Date Made Active in Reports: 12/02/2010  
Number of Days to Update: 64

Source: EPA  
Telephone: 202-260-5521  
Last EDR Contact: 06/25/2014  
Next Scheduled EDR Contact: 10/06/2014  
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: 04/09/2009  
Date Data Arrived at EDR: 04/16/2009  
Date Made Active in Reports: 05/11/2009  
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances  
Telephone: 202-566-1667  
Last EDR Contact: 08/19/2014  
Next Scheduled EDR Contact: 12/08/2014  
Data Release Frequency: Quarterly

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

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009  
Date Data Arrived at EDR: 04/16/2009  
Date Made Active in Reports: 05/11/2009  
Number of Days to Update: 25

Source: EPA  
Telephone: 202-566-1667  
Last EDR Contact: 08/19/2014  
Next Scheduled EDR Contact: 12/08/2014  
Data Release Frequency: Quarterly

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2007  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

## HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

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

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2008  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

## 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: 12/31/2009  
Date Data Arrived at EDR: 12/10/2010  
Date Made Active in Reports: 02/25/2011  
Number of Days to Update: 77

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 07/22/2014  
Next Scheduled EDR Contact: 11/10/2014  
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: 05/06/2014  
Date Data Arrived at EDR: 05/16/2014  
Date Made Active in Reports: 06/17/2014  
Number of Days to Update: 32

Source: Environmental Protection Agency  
Telephone: 202-564-5088  
Last EDR Contact: 10/09/2014  
Next Scheduled EDR Contact: 10/27/2014  
Data Release Frequency: Quarterly

## PADS: PCB Activity Database System

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

Date of Government Version: 06/01/2013  
Date Data Arrived at EDR: 07/17/2013  
Date Made Active in Reports: 11/01/2013  
Number of Days to Update: 107

Source: EPA  
Telephone: 202-566-0500  
Last EDR Contact: 07/18/2014  
Next Scheduled EDR Contact: 10/27/2014  
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: 07/22/2013  
Date Data Arrived at EDR: 08/02/2013  
Date Made Active in Reports: 11/01/2013  
Number of Days to Update: 91

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169  
Last EDR Contact: 09/08/2014  
Next Scheduled EDR Contact: 12/22/2014  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## RADINFO: Radiation Information Database

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

Date of Government Version: 07/07/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/10/2014	Telephone: 202-343-9775
Date Made Active in Reports: 07/28/2014	Last EDR Contact: 07/10/2014
Number of Days to Update: 18	Next Scheduled EDR Contact: 10/20/2014
	Data Release Frequency: Quarterly

## 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: 11/18/2013	Source: EPA
Date Data Arrived at EDR: 02/27/2014	Telephone: (404) 562-9900
Date Made Active in Reports: 03/12/2014	Last EDR Contact: 09/10/2014
Number of Days to Update: 13	Next Scheduled EDR Contact: 12/22/2014
	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: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

## RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/23/2014	Telephone: 202-564-8600
Date Made Active in Reports: 07/28/2014	Last EDR Contact: 07/22/2014
Number of Days to Update: 66	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Varies

## 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: 12/31/2011  
Date Data Arrived at EDR: 02/26/2013  
Date Made Active in Reports: 04/19/2013  
Number of Days to Update: 52

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 08/29/2014  
Next Scheduled EDR Contact: 12/08/2014  
Data Release Frequency: Biennially

## UIC: UIC Information

A listing of underground injection control wells.

Date of Government Version: 06/17/2014  
Date Data Arrived at EDR: 06/19/2014  
Date Made Active in Reports: 06/25/2014  
Number of Days to Update: 6

Source: State Oil & Gas Board  
Telephone: 601-576-4923  
Last EDR Contact: 09/17/2014  
Next Scheduled EDR Contact: 12/29/2014  
Data Release Frequency: Quarterly

## PERMITS: Environmental Site Information System Listing

The purpose of this system is to support the permitting and compliance activities of the Office of Pollution Control. Regulatory programs that are supported by this database are the Surface Water National Pollutant Discharge Elimination System (NPDES) Program; the Air Title V, Construction and Operating Programs; and the Solid and Hazardous Waste Programs.

Date of Government Version: 06/14/2014  
Date Data Arrived at EDR: 06/16/2014  
Date Made Active in Reports: 06/27/2014  
Number of Days to Update: 11

Source: The Office of Pollution Control  
Telephone: 601-961-5670  
Last EDR Contact: 08/15/2014  
Next Scheduled EDR Contact: 12/01/2014  
Data Release Frequency: Quarterly

## DRYCLEANERS: Drycleaner Facilities Listing

A listing of drycleaner facilities.

Date of Government Version: 03/26/2014  
Date Data Arrived at EDR: 03/27/2014  
Date Made Active in Reports: 04/23/2014  
Number of Days to Update: 27

Source: Department of Environmental Quality  
Telephone: 601-961-5670  
Last EDR Contact: 08/15/2014  
Next Scheduled EDR Contact: 12/01/2014  
Data Release Frequency: Varies

## NPDES: Industrial & Municipal NPDES Facilities

Water discharge permit data.

Date of Government Version: 06/14/2014  
Date Data Arrived at EDR: 06/16/2014  
Date Made Active in Reports: 06/27/2014  
Number of Days to Update: 11

Source: Department of Environmental Quality  
Telephone: 601-961-5666  
Last EDR Contact: 08/15/2014  
Next Scheduled EDR Contact: 12/01/2014  
Data Release Frequency: Quarterly

## AIRS: Air Quality Information Listing

Air emissions information.

Date of Government Version: 12/31/2012  
Date Data Arrived at EDR: 05/15/2014  
Date Made Active in Reports: 05/21/2014  
Number of Days to Update: 6

Source: Department of Environmental Quality  
Telephone: 601-961-5276  
Last EDR Contact: 04/09/2014  
Next Scheduled EDR Contact: 09/08/2014  
Data Release Frequency: Annually

## ASBESTOS: Asbestos Project Listing

A listing of Air Division Asbestos Branch projects.

Date of Government Version: 07/12/2014  
Date Data Arrived at EDR: 07/15/2014  
Date Made Active in Reports: 07/30/2014  
Number of Days to Update: 15

Source: Department of Environmental Quality  
Telephone: 601-961-5611  
Last EDR Contact: 12/21/2014  
Next Scheduled EDR Contact: 10/13/2014  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 12/08/2006	Telephone: 202-208-3710
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/18/2014
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/27/2014
	Data Release Frequency: Semi-Annually

### SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2011	Telephone: 615-532-8599
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 07/25/2014
Number of Days to Update: 54	Next Scheduled EDR Contact: 11/03/2014
	Data Release Frequency: Varies

### US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/23/2013	Source: EPA
Date Data Arrived at EDR: 11/06/2013	Telephone: 202-564-2496
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 06/25/2014
Number of Days to Update: 30	Next Scheduled EDR Contact: 10/13/2014
	Data Release Frequency: Annually

### US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/19/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/20/2014	Telephone: 202-566-1917
Date Made Active in Reports: 07/28/2014	Last EDR Contact: 08/14/2014
Number of Days to Update: 38	Next Scheduled EDR Contact: 12/01/2014
	Data Release Frequency: Quarterly

### COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 03/14/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/11/2014	Telephone: N/A
Date Made Active in Reports: 07/28/2014	Last EDR Contact: 09/10/2014
Number of Days to Update: 47	Next Scheduled EDR Contact: 12/22/2014
	Data Release Frequency: Varies

### PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 08/01/2014
Number of Days to Update: 83	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 07/18/2014
Number of Days to Update: 76	Next Scheduled EDR Contact: 10/27/2014
	Data Release Frequency: Varies

### EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 08/15/2014
Number of Days to Update: 88	Next Scheduled EDR Contact: 11/24/2014
	Data Release Frequency: Quarterly

### PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/15/2013	Source: EPA
Date Data Arrived at EDR: 07/03/2013	Telephone: 202-564-6023
Date Made Active in Reports: 09/13/2013	Last EDR Contact: 07/01/2014
Number of Days to Update: 72	Next Scheduled EDR Contact: 10/13/2014
	Data Release Frequency: Quarterly

### 2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/18/2012	Telephone: 703-308-4044
Date Made Active in Reports: 05/25/2012	Last EDR Contact: 08/15/2014
Number of Days to Update: 7	Next Scheduled EDR Contact: 11/24/2014
	Data Release Frequency: Varies

### FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/18/2014
Number of Days to Update: 339	Next Scheduled EDR Contact: 10/27/2014
	Data Release Frequency: N/A

### LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/04/2014  
Date Data Arrived at EDR: 06/12/2014  
Date Made Active in Reports: 07/28/2014  
Number of Days to Update: 46

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 07/01/2014  
Next Scheduled EDR Contact: 10/20/2014  
Data Release Frequency: Varies

## LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001  
Date Data Arrived at EDR: 10/27/2010  
Date Made Active in Reports: 12/02/2010  
Number of Days to Update: 36

Source: American Journal of Public Health  
Telephone: 703-305-6451  
Last EDR Contact: 12/02/2009  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/23/2013  
Date Data Arrived at EDR: 11/06/2013  
Date Made Active in Reports: 12/06/2013  
Number of Days to Update: 30

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 06/25/2014  
Next Scheduled EDR Contact: 10/13/2014  
Data Release Frequency: Annually

## **EDR HIGH RISK HISTORICAL RECORDS**

### ***EDR Exclusive Records***

#### EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

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

#### EDR US Hist Auto Stat: EDR Exclusive 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. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

# 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: Varies

## EDR US Hist Cleaners: EDR Exclusive 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. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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 RECOVERED GOVERNMENT ARCHIVES

### *Exclusive Recovered Govt. Archives*

#### RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Mississippi.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 01/08/2014  
Number of Days to Update: 191

Source: Department of Environmental Quality  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

#### RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Mississippi.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 01/20/2014  
Number of Days to Update: 203

Source: Department of Environmental Quality  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

#### RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Mississippi.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 01/03/2014  
Number of Days to Update: 186

Source: Department of Environmental Quality  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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.

### 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: 05/01/2014	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 05/07/2014	Telephone: 518-402-8651
Date Made Active in Reports: 06/10/2014	Last EDR Contact: 08/07/2014
Number of Days to Update: 34	Next Scheduled EDR Contact: 11/17/2014
	Data Release Frequency: Annually

### PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2013	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/21/2014	Telephone: 717-783-8990
Date Made Active in Reports: 08/25/2014	Last EDR Contact: 07/18/2014
Number of Days to Update: 35	Next Scheduled EDR Contact: 11/03/2014
	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.

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

### AHA Hospitals:

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

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

### Medical Centers: Provider of Services Listing

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

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

### Nursing Homes

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

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

### Public Schools

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

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

### Private Schools

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

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

### Daycare Centers: Child Care Listing

Source: Department of Health  
Telephone: 601-576-7613

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 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, 2005 and 2010 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

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

### STREET AND ADDRESS INFORMATION

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

### TARGET PROPERTY ADDRESS

VICKSBURG MONUMENT  
3565 PEMBERTON SQUARE BLVD  
VICKSBURG, MS 39180

### TARGET PROPERTY COORDINATES

Latitude (North):	32.311 - 32° 18' 39.60"
Longitude (West):	90.8846 - 90° 53' 4.56"
Universal Tranverse Mercator:	Zone 15
UTM X (Meters):	699157.2
UTM Y (Meters):	3576685.5
Elevation:	175 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map:	32090-C8 VICKSBURG WEST, MS LA
Most Recent Revision:	1998
East Map:	32090-C7 VICKSBURG EAST, MS
Most Recent Revision:	1962

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 principal 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).

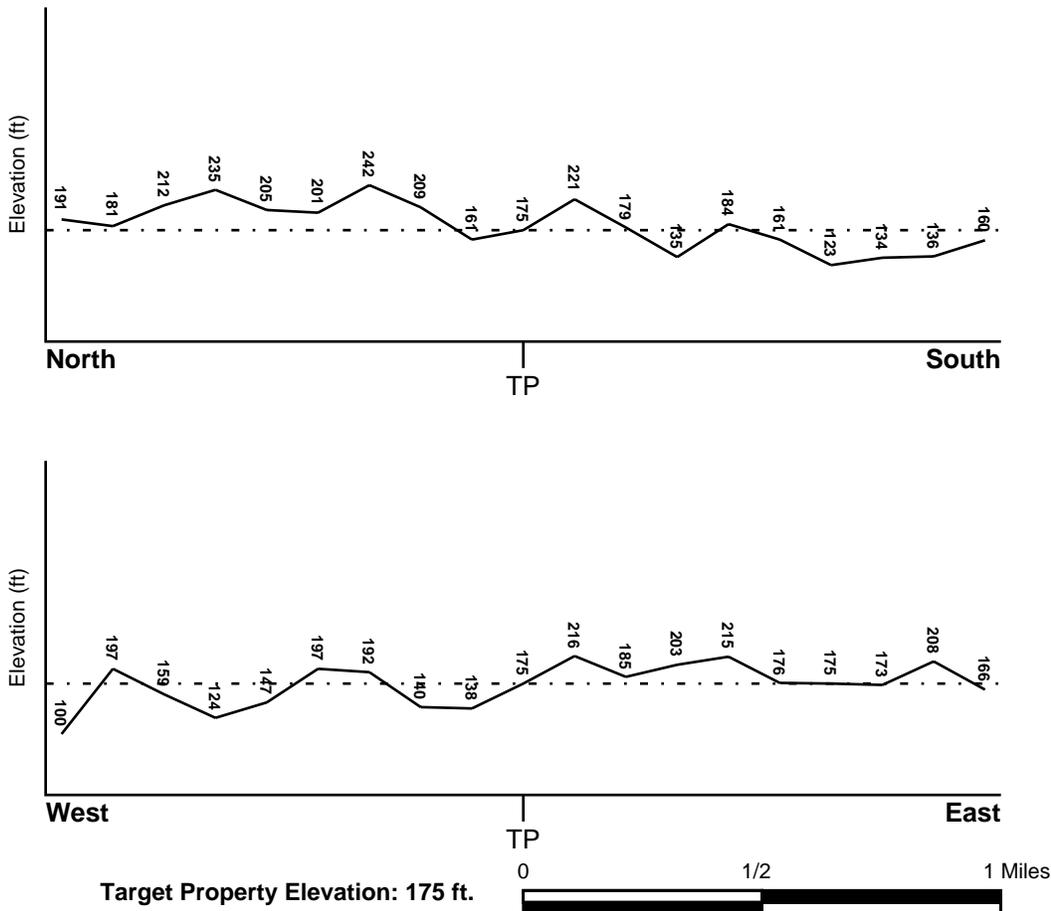
## TOPOGRAPHIC INFORMATION

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 SW

## 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**

Target Property County  
WARREN, MS

FEMA Flood Electronic Data  
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 28149C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

## **NATIONAL WETLAND INVENTORY**

NWI Quad at Target Property  
NOT AVAILABLE

NWI Electronic Data Coverage  
YES - refer to the Overview Map and Detail Map

## **HYDROGEOLOGIC INFORMATION**

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

## **AQUIFLOW®**

Search Radius: 1.000 Mile.

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

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

## GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

### ROCK STRATIGRAPHIC UNIT

Era: Cenozoic  
System: Tertiary  
Series: Oligocene  
Code: To (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: NATCHEZ

Soil Surface Texture: 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: LOW

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	8 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 7.30 Min: 5.10
2	8 inches	26 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 7.30 Min: 5.10
3	26 inches	65 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

### OTHER SOIL TYPES IN AREA

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

Soil Surface Textures: No Other Soil Types

Surficial Soil Types: No Other Soil Types

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: No Other Soil Types

### LOCAL / REGIONAL WATER AGENCY RECORDS

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

### WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A3	USGS40000642511	1/2 - 1 Mile West
B6	USGS40000642521	1/2 - 1 Mile West

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

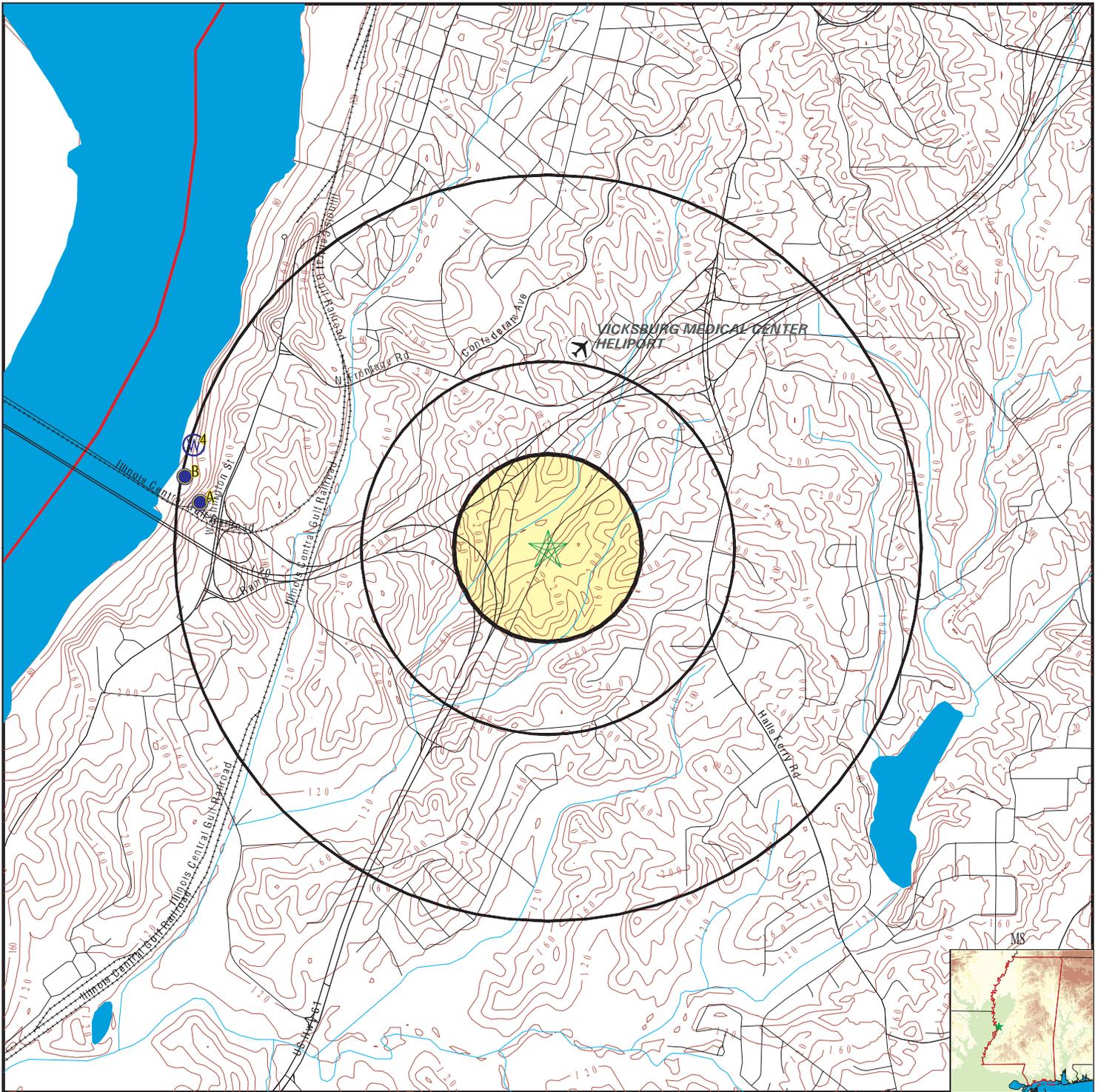
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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

## STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	MSC100000074154	1/2 - 1 Mile West
A2	MSC100000074162	1/2 - 1 Mile West
4	MSP300000002065	1/2 - 1 Mile WNW
B5	MSC100000074176	1/2 - 1 Mile West

# PHYSICAL SETTING SOURCE MAP - 4084841.2s



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

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Oil, gas or related wells



SITE NAME: Vicksburg Monument  
 ADDRESS: 3565 Pemberton Square Blvd  
 Vicksburg MS 39180  
 LAT/LONG: 32.311 / 90.8846

CLIENT: MS Military Department  
 CONTACT: SFC Glenn A. Easley  
 INQUIRY #: 4084841.2s  
 DATE: September 25, 2014 3:17 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**A1**  
**West**  
**1/2 - 1 Mile**  
**Higher**

**MS WELLS      MSC100000074154**

County nam:	WARREN	Permit num:	Not Reported
Fip well:	149J0070		
Aquifer:	Not Reported		
Use 1:	GEOTECHNICAL BORING		
Owner name:	NATIONAL PARK SERVICE		
Section:	32	Township:	16N
Range:	03E		
Latdd:	32.3125		
Longdd:	-90.8997		
Date drill:	07/22/04	Casing len:	Not Reported
Casing dia:	0		
Screen len:	Not Reported		
Well depth:	0		
Site id:	MSC100000074154		

**A2**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**MS WELLS      MSC100000074162**

County nam:	WARREN	Permit num:	Not Reported
Fip well:	149J0044		
Aquifer:	Not Reported		
Use 1:	Not Reported		
Owner name:	AMERISTAR		
Section:	32	Township:	16N
Range:	03E		
Latdd:	32.3129		
Longdd:	-90.9009		
Date drill:	09/28/94	Casing len:	Not Reported
Casing dia:	0		
Screen len:	Not Reported		
Well depth:	0		
Site id:	MSC100000074162		

**A3**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000642511**

Org. Identifier:	USGS-MS		
Formal name:	USGS Mississippi Water Science Center		
Monloc Identifier:	USGS-321846090540301		
Monloc name:	J0044 WARREN		
Monloc type:	Well: Test hole not completed as a well		
Monloc desc:	Not Reported		
Huc code:	08060100	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	32.3129249
Longitude:	-90.9009381	Sourcemap scale:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	100.
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19940928	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	133
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

**4**  
**WNW**  
**1/2 - 1 Mile**  
**Lower**

**MS WELLS    MSP300000002065**

Cnty:	149	Aquifer:	Not Reported
Latn:	321854	Longn:	905403
Use 1:	CO	Source:	Not Reported
Depth:	0		
Ownname:	MAGNOLIA HOTEL COMPANY		
Applname:	AMERISTAR CASINO		
Site id:	MSP300000002065		

**B5**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**MS WELLS    MSC100000074176**

County nam:	WARREN	Permit num:	Not Reported
Fip well:	149J0045		
Aquifer:	Not Reported		
Use 1:	Not Reported		
Owner name:	AMERISTAR		
Section:	32	Township:	16N
Range:	03E		
Latdd:	32.3138		
Longdd:	-90.9012		
Date drill:	09/23/94	Casing len:	Not Reported
Casing dia:	0		
Screen len:	Not Reported		
Well depth:	0		
Site id:	MSC100000074176		

**B6**  
**West**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS    USGS40000642521**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-MS		
Formal name:	USGS Mississippi Water Science Center		
Monloc Identifier:	USGS-321849090540401		
Monloc name:	J0045 WARREN		
Monloc type:	Well: Test hole not completed as a well		
Monloc desc:	Not Reported		
Huc code:	08060100	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	32.3137582
Longitude:	-90.9012159	Sourcemap scale:	Not Reported
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	75.
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19940923	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	128
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: MS Radon

### Radon Test Results

County	Num Sites	Avg Pci/L	Max Pci/L	Median Pci/L	% > 4 Pci/L	% > 20 Pci/L
WARREN	14	1.6	7.0	1.3	7	0

Federal EPA Radon Zone for WARREN County: 3

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

Federal Area Radon Information for Zip Code: 39180

Number of sites tested: 9

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.667 pCi/L	89%	11%	0%
Living Area - 2nd Floor	1.400 pCi/L	100%	0%	0%
Basement	1.500 pCi/L	100%	0%	0%

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

### Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

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

## HYDROLOGIC INFORMATION

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 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, 2005 and 2010 from the U.S. Fish and Wildlife Service.

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

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

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

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

### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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

### SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

### STATE RECORDS

#### Health Department Wells

Source: Mississippi Automated Resource Information System Technical Center

Telephone: 601-432-6149

Public supply water wells monitored by the Environmental Division of the Department of Health.

#### Permitted Wells

Source: Mississippi Automated Resource Information System Technical Center

Telephone: 601-432-6149

Water wells, 6-inches in diameter or larger that are permitted and monitored by the Office of Land and Water Resources.

#### USGS Private Wells

Source: Mississippi Automated Resource Information System Technical Center

Telephone: 601-432-6149

Privately owned water wells monitored by the USGS.

#### USGS Public Wells

Source: Mississippi Automated Resource Information System Technical Center

Telephone: 601-432-6149

Publicly owned water wells monitored by the USGS.

## OTHER STATE DATABASE INFORMATION

### Oil and Gas Well Location Listing

Source: Mississippi Oil and Gas Board

Telephone: 601-354-7119

### RADON

#### State Database: MS Radon

Source: Department of Health

Telephone: 601-987-6893

Radon Levels

#### 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.

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### 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

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

### STREET AND ADDRESS INFORMATION

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**APPENDIX C**  
**AERIAL PHOTOGRAPHS**



INQUIRY #: 4084841.9

YEAR: 1962

| = 500'





**INQUIRY #:** 4084841.9

**YEAR:** 1974

| = 500'





INQUIRY #: 4084841.9

YEAR: 1971

| = 1000'





**INQUIRY #:** 4084841.9

**YEAR:** 1982

| = 1000'





**INQUIRY #:** 4084841.9  
**YEAR:** 1989  
|—————| = 500'  
  




INQUIRY #: 4084841.9

YEAR: 1991

| = 500'





**INQUIRY #:** 4084841.9

**YEAR:** 2007

— = 500'





**INQUIRY #:** 4084841.9

**YEAR:** 2009

— = 500'





**INQUIRY #:** 4084841.9

**YEAR:** 2010

| = 500'





**INQUIRY #:** 4084841.9

**YEAR:** 2012

— = 500'

