

PHASE I ENVIRONMENTAL SITE ASSESSMENT

**28.6-ACRE INDUSTRIAL PROPERTY
HIGHWAY 25 FRONTAGE ROAD
CARTHAGE, MISSISSIPPI**



PREPARED FOR:

**LEAKE COUNTY DEVELOPMENT ASSOCIATION
103 NORTH PEARL STREET
CARTHAGE, MS**

PREPARED BY:

**PICKERING FIRM, INC.
2001 AIRPORT ROAD, SUITE 201
FLOWOOD, MISSISSIPPI**



**FEBURARY 2018
PICKERING PROJECT NO. 24154.01.003**



Service and Good Work...
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February 28, 2018

Ms. Mala Burns, Executive Director
Leake County Development Association
103 North Pearl Street
Carthage, MS 39051-0209

Re: Phase I Environmental Site Assessment
28.6-Acre Industrial Property with Spec Building
Highway 25 Frontage Road
Carthage, Mississippi

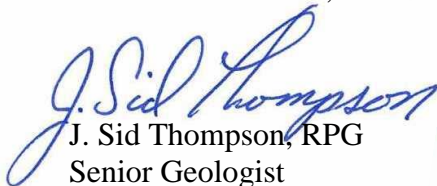
Dear Ms. Burns:

You have requested the opinion of Pickering Firm, Inc. (Pickering) with respect to the existence of hazardous materials or environmental concerns at the above-referenced Property (hereinafter called "the Property") for Leake County Development Association (hereinafter called the "Client"). The attached opinion is being made to you in connection with the proposed transaction of the Property. We understand that you will rely on this opinion for such purposes.


The assessment, in general conformance with EPA's All Appropriate Inquiries Standard and the American Society for Testing and Materials (ASTM) Standard E 1527-13, included a review of relevant documents, interviews with key site personnel and regulatory officials, and a visual inspection of the Property. A review of Federal and State environmental records of regulated sites within a one-mile radius of the Property was also completed.

After a review of the Property, adjacent properties, and available record documents, we have detected no evidence of *recognized environmental conditions* in connection with the Property that warrant further investigation. If you have any questions concerning this report, please call us at (601) 956-3663.

Sincerely,
PICKERING FIRM, INC.


J. Sid Thompson, RPG
Senior Geologist




Marcus D. Hope
Natural Resources Scientist

cc: CF 24154.01.003

Facility Design • Civil Engineering • Surveying • Transportation • Natural / Water Resources

2001 Airport Road, Suite 201 • Flowood, MS 39232 • Phone: 601. 956.3663 • Fax: 601.956.7817 • www.pickeringfirm.com

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1.0 SUMMARY

This summary represents the significant findings and conclusions of the Phase I Environmental Site Assessment (ESA) performed by Pickering Firm, Inc. (Pickering) on the approximately 28.6-Acre Property located in the Leake County Business Park, and situated along the south side of Highway 25 Frontage Road in Carthage, Leake County, Mississippi (see Site Topographic Map in Appendix 9.1).

The Phase I ESA, in general conformance with EPA's All Appropriate Inquiries standard and the American Society for Testing and Materials (ASTM) Standard E1527-13, included a review of relevant documents, interviews with key site personnel and regulatory officials and a visual inspection of the Property. A review of Federal and State environmental records of regulated sites within a one-mile radius of the Property was also completed.

The Property consists of an approximate 28.6-acre, irregular-shaped tract of undeveloped land. The majority of the Property has been cleared and graded, with heavily wooded areas located on the southern portion of the Property. One area of sand and gravel excavation/mining is present on the western portion of the Property, with access off the Highway 25 Frontage Road. A small pond is located along the southern Property boundary. The remainder of the Property is grass-covered or areas of exposed earth, with scattered areas of partially wooded land. Underground utilities are located along the northern property boundary bordering the Highway 25 Frontage Road, with some overhead electric lines along portions of the east Property boundary bordering Pollard Road.

The northeast quadrant of the Property borders a 14-Acre tract of land that is developed with an approximate 26,775 square-foot, metal office/warehouse building and metal shed. This facility was constructed in 2003 and was occupied by Hisan, Inc., an automotive parts assembly plant, until 2008. The building has remained vacant since 2008. This building is proposed to become Pearl River Foods, a chicken processing plant, in the spring of 2018, with expectations to begin production in October of 2018. A separate Phase I ESA was conducted on this adjacent 14-Acre tract of land by Pickering in July 2016 and found no evidence of petroleum product or hazardous material storage or releases associated with the former Hisan facility.

The Highway 25 Frontage Road borders the Property to the north, with Highway 25 immediately beyond the frontage road. Pollard Road borders portions of the Property to the east, with the Leake County School bus barn/maintenance facility (former KK Trucking) located approximately 1,200 feet to the northeast, across Pollard Road. Residences are located across Pollard Road to the east and southeast of the Property. Vacant land and a few residences border the Property to the south. Vacant land and the north terminus of the Carthage-Leake County Airport runway is located beyond BIA Route 26 further to the south. Vacant wooded land borders the Property to the west, with the former 25/35 Chevron and an Economy Inn

located further to the west. The Property is situated in a generally rural area, with commercial developments along the Highway 25 Frontage Road in the vicinity and scattered residences nearby. The Property is located approximately 3 miles to the north of the Downtown Business District of Carthage (see Site and Vicinity Map in Appendix 9.2).

After a review of the Property, adjacent properties, and available record documents, we have detected no evidence of past or present usage, storage or releases of hazardous materials or evidence of other environmental concerns likely to have impacted the Property.

2.0 INTRODUCTION

2.1 Location and Legal Description

The Property consists of an approximate 28.6-acre, irregular-shaped tract of land, located in the Leake County Business Park, bounded by the Highway 25 Frontage Road to the north, Pollard Road to the east and vacant land with some residential properties to the south, in Carthage, Leake County, Mississippi. The Property extends along the south side of the Highway 25 Frontage Road for approximately 0.25 mile. The approximate center point of the Property is located at North 32° 77' 14" latitude and West 89° 52' 79" longitude. According to the Leake County Tax Assessor's office in Carthage, Mississippi, the Property is identified as Parcel #052250022 and consists of an approximate 28.6 acre tract of land situated in Section 25 of Township 11 North, Range 7 East, as shown on the *U.S.G.S. 7.5-Minute Topographic Map, Conway, Mississippi Quadrangle*, dated 1989, included as Appendix 9.1. The Tax Assessor's records identified the owner of the Property as Leake County Economic Development as recorded in Deed Book 262, Page 555, dated November 2, 2002. A copy of the Tax Assessor's Map and Landroll Maintenance Report for the Property is included in Appendix 9.7.

2.2 Purpose

A Phase I ESA is intended to provide a brief description of the Property, the location, and surroundings; to identify, to the extent feasible, associated "Recognized Environmental Conditions"; and to create a list of the possible human and environmental receptors. The protocol followed for this assessment is in general conformance with the requirements of the ASTM Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Standard E 1527-13.

2.3 Scope of Services

In general, the site assessment included the following components: a review of historical records, environmental regulatory records, and environmental setting

sources; interviews with key site personnel and regulatory officials; a visual inspection of the Property; and report preparation. A detailed scope of the services performed by this environmental professional is presented below.

- ◆ Reviewed the following sources of environmental records for sites listed within the specified radius of the Property:

Federal

NPL (1.0 mile), CERCLIS (0.5 mile), CERCLIS/NFRAP (0.5 mile), CORRACTS (1.0 mile), RCRIS-TSD facilities (0.5 mile) and RCRA generators (0.250 mile), ERNS (property only), US ENG Controls (0.5 mile), US INST Controls (0.5 mile), CONSENT (1 mile), ROD (1 mile), Delisted NPL (1 mile), MINES (0.25 mile), and others.

State

Hazardous waste sites (state level NPL/CERCLIS sites - 1.0 mile), Landfill/Solid waste sites (0.5 mile), Leaking UST lists (0.5 mile), Registered UST list (0.25 mile), Registered AST list (0.25 mile), Drycleaners list (0.25 mile), ENG Controls (0.5 mile), INST Controls (0.5 mile), and others.

Tribal Records

Indian Reservations (1.0 mile), Indian LUST (0.5 mile), Indian UST (0.25 mile).

- ◆ Provided a USGS 7.5 min. Topographic Map, vicinity map (street map with Property accurately located), and a site plan showing the Property and detailing the locations of any concerns.
- ◆ Developed a history of previous uses of the Property and surrounding area in order to identify those uses that are likely to have environmentally-impacted the Property.
- ◆ Conducted interviews with the Property owner, key site managers, tenants and/or adjoining property owners, and local government officials. Questions were asked to determine past and current activities on the Property and the surrounding properties that may be an environmental concern.
- ◆ Performed a visual inspection of the Property and surrounding immediate area. The following observations were made:

Current Use of the Property

Past Usage of the Property

Current/ Past Uses of Surrounding Area

Geologic, Hydrogeologic, Hydrologic or Topographic Conditions

General Description of Structures

General Description of Roads
Exterior Observations on Property

- ◆ Provided a report of the findings of the Phase I ESA to the Client.

No testing for specific solids, liquids or gases, such as tank testing, air monitoring, radon testing or magnetic survey is included in the Phase I ESA. Additional testing can be provided in a future Phase II study, if required and authorized in writing by the Client. The Scope of Services does not include a formal asbestos or wetlands investigation.

2.4 Limiting Conditions

No limiting conditions were encountered during the site visit or preparation of this report.

2.5 Deviations

No deletions or deviations from the ASTM Practice E 1527-13 were made in conducting this Phase I ESA.

2.6 Significant Assumptions

No significant assumptions were made in conducting the Phase I ESA.

2.7 Limitations and Exceptions of Assessment

Due care was taken during the investigation processes, but Pickering accepts no liability for hidden conditions or variations in composition of materials. It should be noted that all surficial environmental assessments are inherently limited in the sense that conclusions are drawn and recommendations developed from information obtained from limited research and site evaluation. Subsurface conditions were not field investigated as part of this study and may differ from the conditions implied by the surficial observations. Additionally, the passage of time may result in a change in the environmental characteristics at this site and surrounding properties.

Our professional services have been performed, our findings obtained and our recommendations prepared in accordance with customary principles and practices in the field of environmental science and engineering.

2.8 Special Terms and Conditions

The Client requested no special terms or conditions regarding this Phase I ESA. A statement of the Special Contractual Conditions is included as Appendix 9.8.

2.9 User Reliance

Pickering was retained under contract by the Leake County Development Association to conduct a Phase I ESA. The assessment was prepared under contract for exclusive use by the Leake County Development Association. Reliance by any other party is at their own risk unless written authorization is granted by Pickering.

3.0 USER PROVIDED INFORMATION

3.1 Environmental Liens and Activity and Use Limitations

The User, Ms. Mala Burns, Executive Director of the Leake County Development Association, completed a User Questionnaire indicating that a search of recorded land title records did not identify any environmental liens filed or recorded against the Property. Pickering has found no evidence of activity and use limitations during our research of regulatory and property records. A 50-year chain-of-title was not provided to Pickering at the time of submittal of this report.

3.2 Specialized or Actual Knowledge and Experience of the User

The User completed a User Questionnaire indicating that she has no specialized or actual knowledge or experience that is material to recognized environmental conditions in connection with the Property.

3.3 Reason for Significantly Lower Purchase Price

The User completed a User Questionnaire indicating that the purchase price being paid for the Property reasonably reflects the fair market value of the Property, and that the purchase price of the Property is not lower than the fair market value due to contamination.

3.4 Commonly Known, Reasonably Ascertainable or Obvious Information

The User completed a User Questionnaire indicating that she was unaware of any environmental concerns or conditions associated with the Property that would be considered commonly known or reasonably ascertainable information.

3.5 Other

The User identified the purpose of the Phase I Environmental Site Assessment to be a requirement for the lease and development of the Property. A copy of the Phase I ESA User Questionnaire, dated February 16, 2018, completed by Ms. Mala Burns, is included as Appendix 9.10.

4.0 RECORDS REVIEW

The purpose of the records review is to obtain and review records that will help identify "Recognized Environmental Conditions" in connection with the Property.

4.1 Standard Federal, State and Tribal Environmental Record Sources

A Federal, State and Tribal Radius Map Report was obtained from Environmental Data Resources, Inc. (EDR) and was reviewed by Pickering for the Property. This report contains records of registered sites in the vicinity of the Property. A copy of the EDR Radius Map Report is included in Appendix 9.5.

4.1.1 National Priorities List (NPL)

The National Priorities List (NPL) is the U.S. Environmental Protection Agency's (EPA's) database of uncontrolled or abandoned hazardous waste sites identified for priority remedial actions under the Superfund program. A site must meet or surpass a predetermined hazard ranking system score, be chosen as a state's top priority site, or meet three specific criteria set jointly by the US Dept. of Health and Human Services and the U.S. EPA in order to become an NPL site.

The Property and the adjoining properties were not listed in the search of this database.

No additional NPL sites were found in the Federal database search (1.0 mile radius) under this listing.

4.1.2 Resource Conservation and Recovery Information System (RCRIS) Corrective Action Facilities (CORRACTS)

The EPA maintains this database of Resource Conservation and Recovery Information System (RCRIS) facilities that are undergoing "corrective action." A "corrective action order" is issued pursuant to RCRIS Section 3008 (h) when there has been a release of hazardous waste or constituents into the environment from a RCRIS facility. Corrective actions may be required beyond the facility's boundary and can be required regardless of when the release occurred, even if it predates RCRIS.

The Property and the adjoining properties were not listed in the search of this database.

No additional sites were found in the Federal database search (1.0 mile radius) under this listing.

4.1.3 Resource Conservation and Recovery Information System (RCRIS) Treatment, Storage and Disposal Facilities (TSD)

The EPA's RCRIS Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRIS Facilities Database is a compilation by the EPA of facilities that report generation, storage, transportation, treatment or disposal of hazardous waste. RCRIS TSD's are facilities that treat, store and/or dispose of hazardous waste.

The Property and the adjoining properties were not listed in the search of this database.

No additional sites were found in the Federal database search (0.5 mile radius) under this listing.

4.1.4 Comprehensive Environmental Response, Compensation and Liability Systems (CERCLIS) and No Further Remedial Action Planned (NFRAP)

Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) contains data on potentially hazardous waste sites that have been reported to the U.S. EPA 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 that are either proposed to or on the NPL and sites that are in the screening and assessment phase for possible inclusion on the NPL.

NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly, or the contamination was not serious enough to require Federal Superfund action or NPL consideration.

The Property and the adjoining properties were not listed in the search of this database.

No additional sites were found in the Federal database search (0.5 mile radius) under this listing.

4.1.5 Emergency Response Notification System (ERNS)

The Emergency Response Notification Systems (ERNS) is a national database used to collect information of reported releases of oil and hazardous substances. The database contains information from spill reports made to federal authorities including the EPA, the U.S. Coast Guard, the National Response Center and the Department of Transportation.

The Property and the adjoining properties were not listed in the search of this database.

4.1.6 Resource Conservation and Recovery Information System (RCRIS) Large Quantity Generator (LQG)

The EPA's RCRIS program identifies and tracks hazardous waste from the point of generation to the point of disposal. RCRIS Large Generators are facilities that generate at least 1,000 kg/month of non-acutely hazardous waste (or 1 kg/month of acutely hazardous waste).

The Property and the adjoining properties were not listed in the search of this database.

No additional sites were found in the Federal database search (0.25 mile radius) under this listing.

4.1.7 Resource Conservation and Recovery Information System (RCRIS) Small Quantity Generator (SQG)

The EPA's RCRIS Program identifies and tracks hazardous waste from the point of generation to the point of disposal. RCRIS Small and Very Small generators are facilities that generate less than 1,000 kg/month of non-acutely hazardous waste. A Conditionally Exempt Small Quantity Generator (CESQG) is a facility that generates less than 100 kg/month of non-acutely hazardous waste.

The Property and the adjoining properties were not listed in the search of this database.

No additional sites were found in the Federal database search (0.25 mile radius) under this listing.

4.1.8 US ENG Controls

The EPA's ENG Controls list is a national database used to collect information 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.

The Property and the adjoining properties were not listed in the search of this database.

4.1.9 US INST Controls

The EPA's INST Controls list is a national database used to collect information 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 a site. Deed restrictions are generally required as part of the institutional controls.

The Property and the adjoining properties were not listed in the search of this database.

4.1.10 State Hazardous Waste Sites (SHWS)

State hazardous waste site (SHWS) 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 Property and the adjoining properties were not listed in the search of this database.

One SHWS, the former KK Trucking facility, was located across Pollard Road, approximately 1,200 feet to the northeast and topographically down-gradient relative to the subject Property. Pickering conducted a file review at the Mississippi Department of Environmental Quality (MDEQ) in Jackson, Mississippi, for the former KK Trucking site. Records on file with the MDEQ showed a letter response from the trucking company president referencing a complaint for open burning of debris at the site, which stated "there is no longer any open burning at my facility". The letter also described truck washing activities at the site. No violations were observed in the file for this facility and the only other files observed were standard discharge permits. The EDR report indicated "no known contamination" at the KK Trucking site. In a previous telephone conversation, Mr. Trey Hess of the MDEQ stated that the KK Trucking site was on the SHWS list due to a complaint from a nearby resident which, during a follow up by the MDEQ, found no contamination present.

Pickering previously conducted a Phase I ESA at the KK Trucking site for the Leake County School District in October 2003, prior to the school district purchasing the site for a bus barn/maintenance facility. Numerous poor house-keeping concerns were noted at the trucking facility, including cracks in the secondary containment structure surrounding three 6,000-gallon diesel aboveground storage tanks (AST's), oil and diesel surface staining on the ground, poor drum and battery storage practices, no containment area around a 500-gallon bulk oil AST or truck washing facility, and an unregistered 1,000-gallon used oil

underground storage tank (UST). A Phase II ESA was not recommended by Pickering for this site due to the fact that releases/spills appeared to be isolated and superficial. However, recommendations to the school district included cleaning and repairing the diesel AST's secondary containment facility, removing and disposing of oil stained soil, testing and registering the used oil UST, installing secondary containment in the bulk oil AST and diesel dispensing areas, and obtaining necessary facility and discharge permits from the MDEQ.

Based on the results of the file review, previous assessment of this site by Pickering, and down-gradient position of the site relative to the subject Property, this SHWS site is not considered to represent a recognized environmental condition relative to the subject Property.

No additional sites were found in the State database search (1.0 mile radius) under this listing.

4.1.11 Solid Waste Facilities/Landfill Sites (SWF/LF)

Solid Waste Facilities/Landfill Sites (SWF/LF) 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 RCRIS Subtitle D Section 4004 criteria for solid waste landfills or disposal sites. Categories of waste are: Class I – municipal, household, shredded waste tires, Class II – industrial, Class III – farming, landscaping, land clearing waste, and Class IV – construction and demolition.

The Property and the adjoining properties were not listed in the search of this database.

No additional sites were found in the State database search (0.5 mile radius) under this listing.

4.1.12 Leaking Underground Storage Tanks (LUST)

The database is provided by the Mississippi Department of Environmental Quality (MDEQ) responsible for administering the Underground Storage Tank (UST) program and contains records of known active leaking UST sites.

The Property and the adjoining properties were not listed in the search of this database.

One LUST site was identified within 0.5 miles of the Property in the EDR report.

The former 25/35 Chevron was located approximately 1,200 feet to the west and topographically down-gradient relative to the subject Property. Records reviewed at the MDEQ office in Jackson, Mississippi, indicated that this facility had a release

that was reported on September 29, 1995. The release was found to be from a fuel line leak detector which was repaired. Remediation was conducted from October 1995 through June 1996 by bailing and installing petroleum absorbent socks in tank pit wells. The MDEQ issued a 'No Further Action' letter on July 18, 1996. Based on the information reviewed, along with the distance and down-gradient position, this site is not considered a recognized environmental condition relative to the subject Property.

No additional sites were found in the State database search (0.5 mile radius) under this listing.

4.1.13 Underground Storage Tanks (UST)

Registered UST's are regulated under Subtitle 1 of RCRIS and must be registered with the state department responsible for administering the UST program. Many States do not require registration of heating oil tanks, especially those used for residential purposes.

The Property and the adjoining properties were not listed in the search of this database.

One UST site was identified within 0.5 miles of the Property in the EDR report. The former 25/35 Chevron was located approximately 1200 feet to the west of the subject Property. This facility was discussed as a LUST site in the previous Section 4.1.12.

No additional sites were found in the State database search (0.5 mile radius) under this listing.

4.1.14 ENG Controls

The database is provided by the State department and includes sites found 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. Engineering controls include fences, signs guards, landfill caps, provisions of potable water, slurry walls, sheet pile (vertical caps), pumping and treatment of groundwater, monitoring wells, and vapor extraction systems.

The Property and the adjoining properties were not listed in the search of this database.

No additional sites were found in the State database search (0.5 mile radius) under this listing.

4.1.15 INST Controls

The database is provided by the State department and includes sites found 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.

The Property and the adjoining properties were not listed in the search of this database.

No additional sites were found in the State database search (0.5 mile radius) under this listing.

4.1.16 Tribal Records

The database is provided by the State department and includes listings of Indian Reservations, Indian UST and Indian LUST sites. Indian Reservations consist of Indian administered lands of the United States that have any area equal to or greater than 640 acres. Indian UST and LUST sites consist of UST and leaking UST sites located on Indian land.

The Property and the adjoining properties were not listed in the search of this database.

Mississippi Choctaw Indian Reservation land, regulated by the Bureau of Indian Affairs, was indicated as being located approximately 0.6 mile to the north of the Property.

No additional sites were found in the State database search (0.5 mile radius) under this listing.

4.2 Additional Federal, State, Tribal and Local Environmental Record Sources

No additional environmental records were found in the State database search (0.5 mile radius) under this listing. Records reviewed in the MDEQ office in Jackson, Mississippi, were discussed in previous Sections of this report. Selected copies of these files are included in Appendix 9.6.

4.3 Physical Setting Sources

4.3.1 U.S.G.S. Topographical Maps

Review of the *U.S.G.S. 7.5-Minute Topographic Map, Conway Quadrangle*, dated 1989, shows the Property and surrounding area shaded green, indicating wooded land. The nearest structure to the subject Property indicated on the topographic map are residences located across Highway 25 to the north, along Pollard Road and BIA Route 26 to the southeast. Several apparent commercial facilities are located further to the west between Pearl Street and Highway 35, and the north end of the Carthage-Leake County Airport runway is located further to the south of BIA Route 26. No recognized environmental concerns were noted in the review of topographic map. A portion of this topographic map is provided for review in Appendix 9.1.

4.3.2 Soil Survey

Information obtained from the *Soil Survey of Leake County, Mississippi* indicates there are four soil types underlying the Property. The four types are described below:

- OrC: Ora fine sandy loam, with 5 to 8 percent slopes, eroded. These soils formed on hillslopes in fine-loamy marine deposits derived from sedimentary rock, and cover approximately 31.6% of the Property. Smithdale soils extend to a depth of approximately 80 inches, with a restrictive fragipan located between 20 to 30 inches below the surface. These soils are moderately well drained and have low water holding capacity.
- SmD2: Smithdale fine sandy loam, with 8 to 15 percent slopes, eroded. These soils formed on hillslopes in in loamy fluviomarine deposits derived from sedimentary rock, and cover approximately 36.0% of the Property. Smithdale soils extend to a depth of approximately 80 inches. These soils are well-drained and have high water holding capacity.
- RK: Rosebloom and Arkabutla soils, frequently flooded, with a 0 to 1 percent slope. These soils formed in silty alluvium deposits and cover approximately 12.4% of the parcel. These soils are somewhat poorly drained to poorly drained, have high water holding capacity, and are considered hydric.
- SmF2: Smithdale fine sandy loam, with 15 to 35 percent slopes, eroded. These soils formed on hillslopes in fine-loamy marine deposits derived from sedimentary rock, and cover approximately 20% of the Property. Smithdale soils extend to a depth of approximately 80 inches, with a restrictive fragipan located between 20 to 30 inches below the surface.

These soils are moderately well and well-drained and have high water holding capacity.

A copy of the NRCS Custom Soil Resource Report is provided for review in Appendix 9.7.

4.3.3 Geology and Hydrogeology

The Property is located within the North Central Hills physiographic province. As indicated by the *Geologic Map of Mississippi*, the geology of the general area consists of the Kosciusko Formation. The Kosciusko Formation consists of irregularly bedded sand, clay and quartzite.

Four major aquifers are located in the general vicinity of the site, which produce water from the Wilcox, Kosciusko, Cockfield and Forest Hill formations. Numerous municipal, industrial and domestic wells are completed in either the Cockfield or Kosciusko aquifers across the entire central portion of Mississippi. Depths of wells range from near the surface to about 1,500 feet depending on proximity to the outcrop area and elevation.

Due to the nature of this Phase I Environmental Site Assessment, no testing was conducted to determine the direction of subsurface groundwater flow. Based on information obtained from the attached Environmental Data Resources map and the 1989 *Conway, Mississippi* topographic map, we believe that subsurface groundwater generally flows to the southeast.

4.3.4 Radon

According to the U.S. EPA Map of Radon Zones, 1993, Leake County, Mississippi is designated as Zone 3. Zone 3 areas have a predicated average indoor radon screening potential less than 2 pCi/L. The current EPA residential indoor radon screening action level is 4 pCi/L. There can be extreme variations of indoor radon levels within a local area based upon geology, soil structure and building characteristics. The EPA recommends testing as the definitive method in determining the radon level within a specific structure. Radon testing was not part of this project's scope of work.

4.3.5 Wetlands

Pickering reviewed the Soil Survey for Leake County, which indicates that the soil types underlying the Property are Smithdale, Ora, Rosebloom and Arkabutla. Rosebloom and Arkabutla soils are classified as "hydric" by the NRCS. There is 3.4 acres of isolated area where Rosebloom and Arkabutla soils were identified on the Property (see NRCS Custom Soil Resource Report in Appendix 9.7). A small pond and associated wetlands are located on the Rosebloom and Arkabutla soils along the south Property boundary bordering the residence off BIA Route 26.

Prior to any development on or within these areas, a wetland delineation should be conducted to determine if jurisdictional wetlands or “other waters of the U.S.” are present. If wetlands or “other waters” are identified on the Property, a Section 404 permit application should be submitted to the U.S. Army Corps of Engineers prior to conducting any site clearing or construction activities in these areas.

4.3.6 Drainage Patterns/Floodplains

Surface water is assumed to follow the topography of the Property. The topography of Property is characterized by two small hills located along the northwest portion of the Property that borders Highway 25 Frontage Road. Drainage on the northeastern portion of the Property is to the northeast toward the adjacent 14-acre Leake County Business Park parcel developed with a Spec building and Pollard Street, with Pollard Creek beyond. Drainage on the central portion of the Property is to the southeast toward the adjacent residential properties along BIA Route 26, into a drainage tributary to Pollard Creek further to the southeast. Drainage on the western portion of the Property is to the west toward the adjacent wooded property and the former 25/35 Chevron site and a drainage tributary to Town Creek further to the west.

According to Flood Insurance Rate Maps for Leake County, Mississippi and Incorporated Areas (Map No. 28079C0144C), dated September 16, 2011, by the Federal Emergency Management Agency (FEMA), the Property is shown to be located in Zone X, indicating “Areas of minimal flood hazard from the principal source of flood in the area and determined to be outside the 0.2 percent annual chance floodplain.” Portions of the FEMA Maps are included in Appendix 9.4.

4.4 Historical Use Information

The objective of consulting historical sources is to develop a history of the previous uses of the Property and surrounding area, in order to help identify the likelihood of past uses having led to “Recognized Environmental Conditions” in connection with the Property.

4.4.1 Standard Historical Sources

Historical research was limited to the previous 64 years. Historical information was reviewed in the form of aerial photographs (1952, 1985, 1992, 1996, 2005, 2006, 2007, 2009, 2010, and 2012), 1989 topographic map, and interviews with the Property owner and local fire department officials. Copies of the above referenced aerial photographs are included in Appendix 9.4.

4.4.2 Historical Use(s) of the Property

Based on the historical sources cited in Section 4.4.1, the Property has always consisted of vacant land that has been wooded at times and cleared/harvested at other times. The Property was most recently cleared in the early 2000's after being acquired by the client for development as an industrial park. No evidence of structures were observed on the Property on the aerial photographs dating from 1952 to the present.

4.4.3 Historical Use(s) of Adjoining Properties and Surrounding Area

Historical information reviewed in Section 4.4.1 indicated that the adjoining properties were undeveloped in 1952, with neither the Highway 25 Frontage Road nor Pollard Road present. The BIA Route 26 road dates to prior to 1952. By 1985 Pollard Road had been constructed, with three residences located across Pollard Road to the east and southeast. KK Trucking was developed in about 1997 across Pollard Road further to the northeast, with the Highway 25 Frontage Road to the north constructed in the early 2000's. The Leake County School District has occupied the former KK Trucking site from 2003 to the present as the school district's bus barn/maintenance facility. The former KK Trucking facility was discussed in Section 4.1.10 as a State Hazardous Waste Site (SHWS). The northeast quadrant of the subject Property borders an adjacent 14-Acre tract of land that is developed with an approximate 26,775 square-foot, metal office/warehouse building and metal shed. This facility was constructed in 2003 and was occupied by Hisan, Inc., an automotive parts assembly plant, until 2008. The building has remained vacant since 2008. The building is now planned for Pearl River Foods (chicken processing plant) to move into in the spring of 2018.

Several residential developments are located adjacent to the southeast, between the Property and BIA Route 26, which were first developed in the early 2000's. Adjoining properties beyond BIA Route 26 to the south have remained vacant and predominantly wooded, with the exception of the Carthage-Leake County Airport which dates to the 1970's. Vacant land has always bordered the Property to the west, with the 25/35 Chevron station located approximately 1,200 feet further to the west along the Highway 25 Frontage Road, which was developed in the late 1980's. This facility is currently closed and was discussed in Section 4.1.12 as a Leaking Underground Storage Tank (LUST) site.

Based on the information reviewed, along with the distance and down-gradient positions of both the former KK Trucking and 25/35 Chevron facilities, these two sites are not considered recognized environmental condition's relative to the subject Property. No additional adjacent or nearby historical developments represent a recognized environmental condition associated with the subject Property.

5.0 SITE RECONNAISSANCE

The objective of the site reconnaissance is to obtain information indicating the likelihood of identifying “Recognized Environmental Conditions” in connection with the Property.

5.1 General Site Setting

Marcus Hope of Pickering performed the site inspection on February 14, 2018. The site visit included a walk around the Property and visual inspection of adjoining properties to determine the presence of hazardous materials and environmental concerns. The Property consists of an approximate 28.6-acre, irregular shaped tract of land located to the south of the Highway 25 Frontage Road, to the west of Pollard Road, and to the north of BIA Route 26 in Carthage, Leake County, Mississippi. Photo documentation is presented in Appendix 9.3.

5.2 General Description of Structures and Roads

The Property consists of an approximate 28.6-acre, irregular-shaped tract of undeveloped land. The majority of the Property has been cleared and graded, with heavily wooded areas located on the southern portion of the Property. One area of sand and gravel excavation/mining is present along the western Property boundary, with access off the Highway 25 Frontage Road. The remainder of the Property is grass-covered or containing areas of exposed earth or scattered areas of partially wooded land.

5.3 Potable Water Supply

Potable water at the site is supplied by the City of Carthage.

5.4 Sewage Disposal System

Sewage disposal at is provided by the City of Carthage.

5.5 General Interior and Exterior Observations

5.5.1 Current Use(s) of the Property

The Property is currently vacant, with some sand and gravel excavation/mining activities ongoing on the Property.

5.5.2 Hazardous Substances and Petroleum Products

No hazardous substances or petroleum products were observed on the Property.

5.5.3 Storage Tanks

No storage tanks were observed on the Property.

5.5.4 Odors

No odor was observed on the Property.

5.5.5 Pools of Liquid

No pools of liquid were observed on the Property.

5.5.6 Drums

No drums were observed on the Property.

5.5.7 Unidentified Substance Containers

No unidentified substance containers were observed on the Property.

5.5.8 PCBs

From 1929-1971 polychlorinated biphenyls (PCBs) were widely used in electrical transformers as a fire-retardant alternative to mineral oil. Concern over the toxicity and persistence in the environment of PCBs led Congress to enact sub-section 6 (e) of the Toxic Substances Control Act that included prohibitions on the manufacturer, processing, and distribution in commerce of PCBs. No potential sources of PCBs were observed on the Property during our site visit.

5.6 Interior Observations

5.6.1 Heating/Cooling

There are no structures/buildings on the Property.

5.6.2 Stains or Corrosion

No stains or corrosion of concern was observed on the Property.

5.6.3 Drains and Sumps

There are no structures/buildings on the Property.

5.7 Exterior Observations

5.7.1 Pits, Ponds, or Lagoons

One pond, approximately 0.15 acre in size, was observed located along the southern boundary of the Property. This pond is situated within the wooded area that borders the residence on BIA Route 26.

5.7.2 Stained Soil or Pavement

No stained soil or pavement was observed on the Property.

5.7.3 Stressed Vegetation

No stressed vegetation was observed on the Property.

5.7.4 Solid Waste

No solid waste was observed on the Property and there were no solid waste dumpsters located on the Property.

5.7.5 Wastewater

No wastewater was observed on the Property.

5.7.6 Wells

No potable water wells or any other type of wells were observed on the Property.

5.7.7 Septic Systems

No septic systems were observed on the Property. A City of Carthage sewage lift station is located within a small fenced area near the northeast end (cul-de-sac) of the Highway 25 Frontage Road, approximately 600 feet to the northeast of the Property.

5.8 Current Uses of Adjoining Properties

In general, the Property is located in an area that is predominantly residential, with a few commercial-retail properties situated along Highway 25 in the vicinity. The Property is bordered by:

- North – Highway 25 Frontage Road, with Highway 25 and vacant wooded land beyond. The Leake County bus barn (former KK Trucking facility) is located at the southeast corner of Highway 25 and Pollard Road to the northeast of the Property. This facility was discussed in Sections 4.1.10 and 4.4.3;
- East – Pollard Road, with residential development beyond;
- South – Residential properties and wooded land, with BIA Route 26 further to the south. The north end of the Carthage-Leake County Airport runway is located approximately 1,600 feet to the south, beyond BIA Route 26. The remaining areas south of BIA Route 26 are vacant wooded land; and
- West - Vacant wooded land extending to the former 25/35 Chevron station located approximately 1200 feet further to the west.

6.0 INTERVIEWS

6.1 Interviews with Past and Present Owners and Occupants

Mr. Monte Ladner with the Leake County Development Association (client) completed a User Questionnaire concerning the subject Property, with his responses presented in Section 3.0. Mr. Ladner indicated that he was not aware of any environmental concerns associated with the Property. A copy of the Phase I ESA User Questionnaire completed by Mr. Ladner is included as Appendix 9.10.

Pickering previously conducted an interview with Mr. Bruce Mainka, former manager of the Hisan, Inc., which occupied the building on the Property from about 1997 to 2003 and has been the only occupant of this adjacent Property. Mr. Mainka stated that Hisan was an auto parts assembly plant for Nissan and stored no hazardous waste materials on the Property.

6.2 Interviews with State and/or Local Government Officials

Pickering conducted an interview with Chief Robin Jones of the Carthage Fire Department concerning the subject Property. Chief Jones stated that there had been no responses for fires, medical emergencies or hazardous materials releases at the Property. Chief Jones did say that the fire department had conducted several fire inspections at the adjacent Hisan facility when they occupied the adjacent building and no violations were found.

7.0 EVALUATION

7.1 Findings

The Property consists of an approximate 28.6-acre, irregular-shaped tract of undeveloped land, bounded by the Highway 25 Frontage Road to the north, Pollard Road to the east and residential properties along BIA Route 26 to the south. The majority of the Property has been cleared and graded, with heavily wooded areas located on the southern portion of the Property. One area of sand and gravel excavation/mining is present on the western portion of the Property and a small pond is located on the southern portion of the Property.

The Leake County School bus barn (maintenance facility) is located across Pollard Road, approximately 1,200 feet to the northeast and topographically down-gradient relative to the subject Property. This site was formerly KK Trucking, which was listed by the Mississippi Department of Environmental Quality (MDEQ) as a State Hazardous Waste Site. Records reviewed by Pickering at the MDEQ showed a letter response from the trucking company president referencing a complaint for open burning of debris at the site, which stated “there is no longer any open burning at my facility”. The letter also described truck washing activities at the site. No violations were observed in the file for this facility and the only other files observed were standard discharge permits. The EDR report indicated “no known contamination” at the KK Trucking site. In a previous telephone conversation, Mr. Trey Hess of the MDEQ stated that the KK Trucking site was on the SHWS list due to a complaint from a nearby resident which, during a follow up inspection by the MDEQ, found no contamination present.

The former 25/35 Chevron was located approximately 1200 feet to the west and topographically down-gradient relative to the subject Property. Records reviewed at the MDEQ office in Jackson, Mississippi, indicated that this facility had a release that was reported on September 29, 1995. The release was found to be from a fuel line leak detector which was repaired. Remediation was conducted from October 1995 through June 1996 by bailing and installing petroleum absorbent socks in tank pit wells. The MDEQ issued a ‘No Further Action’ letter on July 18, 1996.

7.2 Opinions

Information collected during the course of this investigation has been evaluated and our professional opinion presented herein.

After a review of the Property, adjacent properties, and available record documents, we have detected no evidence of a known *recognized environmental condition* associated with the Property.

7.3 Data Gaps


No significant data gaps were encountered during the process of identifying the past use of the Property for the purpose of this report.

7.4 Conclusions

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 of the approximate 28.6-acre Property located in the Leake County Business Park and bounded by the Highway 25 Frontage Road to the north, Pollard Road to the east and residential property along BIA Route 26 to the south, in Carthage, Leake County, Mississippi. Any exceptions to, or deviations from, this practice are described in Sections 2.5 and 2.7 of this report. This assessment has revealed no evidence of *recognized environmental conditions* in connection with the Property.

7.5 Statement and Signature(s) of Environmental Professional(s)

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in § 312.10 of 40 CFR § 312. I have the specific qualifications based on education, training and experience to assess a property of the nature, history, and setting of the Property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



J. Sid Thompson, RPG
Senior Geologist

7.6 Qualification(s) of Environmental Professional(s)

Mr. J. Sid Thompson received a Bachelor of Science in Geology degree from the University of Southern Mississippi in 1984, a Master of Science in Geology degree from the University of Texas at Arlington in 1996, and a Certificate of Hazardous Materials Management from the Graduate Program in Environmental Studies at the University of Texas at Arlington in 1996. Mr. Thompson is a Registered Professional Geologist in Mississippi. Mr. Thompson has also completed over 1,000 Phase I Environmental Site Assessments since 1992. A copy of Mr. Thompson's resume is included in Appendix 9.9.

8.0 NON-SCOPE SERVICES

8.1 Additional Services

As a service to the client, cursory reviews of radon and wetland resources were performed. These reviews are discussed in Sections 4.3.4 and 4.3.5. These additional issues are beyond the scope or ASTM Practice E 1527-13. No assessment of such non-scope considerations is required for appropriate inquiry as defined by this Practice.

8.2 References

ASTM Designation E 1527-13: Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, 2013.

Environmental Protection Agency, Final Rule for All Appropriate Inquiries, 40 CFR, Part 312, dated December 2013.

Environmental Data Resources, Inc., *EDR Radius Map Report*, dated February 15, 2018.

Environmental Data Resources, Inc., *EDR Aerial Photo Decade Package*, *EDR* dated August 7, 2013.

Federal Emergency Management Agency (FEMA), Flood Insurance Rate Maps for the Leake County, Mississippi (Map Nos. 28079C0143C and 28079C0144C, dated September 16, 2011.

U.S. Department of Agriculture, Soil Conservation Service, *Custom Soil Resource Report for Leake County, Mississippi*, dated February 15, 2018.

U. S. Environmental Protection Agency, *Map of Radon Zones*, dated 1993.

U. S. Geological Survey, Topographic Map, Conway, Mississippi Quadrangle 7.5-minute Series, Scale 1:24,000, dated 1989.

U.S. Geological Survey, *Geologic Map of Mississippi*, dated 1975.

Mississippi Geological, Economic and Topographical Survey, *Water Resources of Mississippi*, Thad N. Shows, dated 1970.

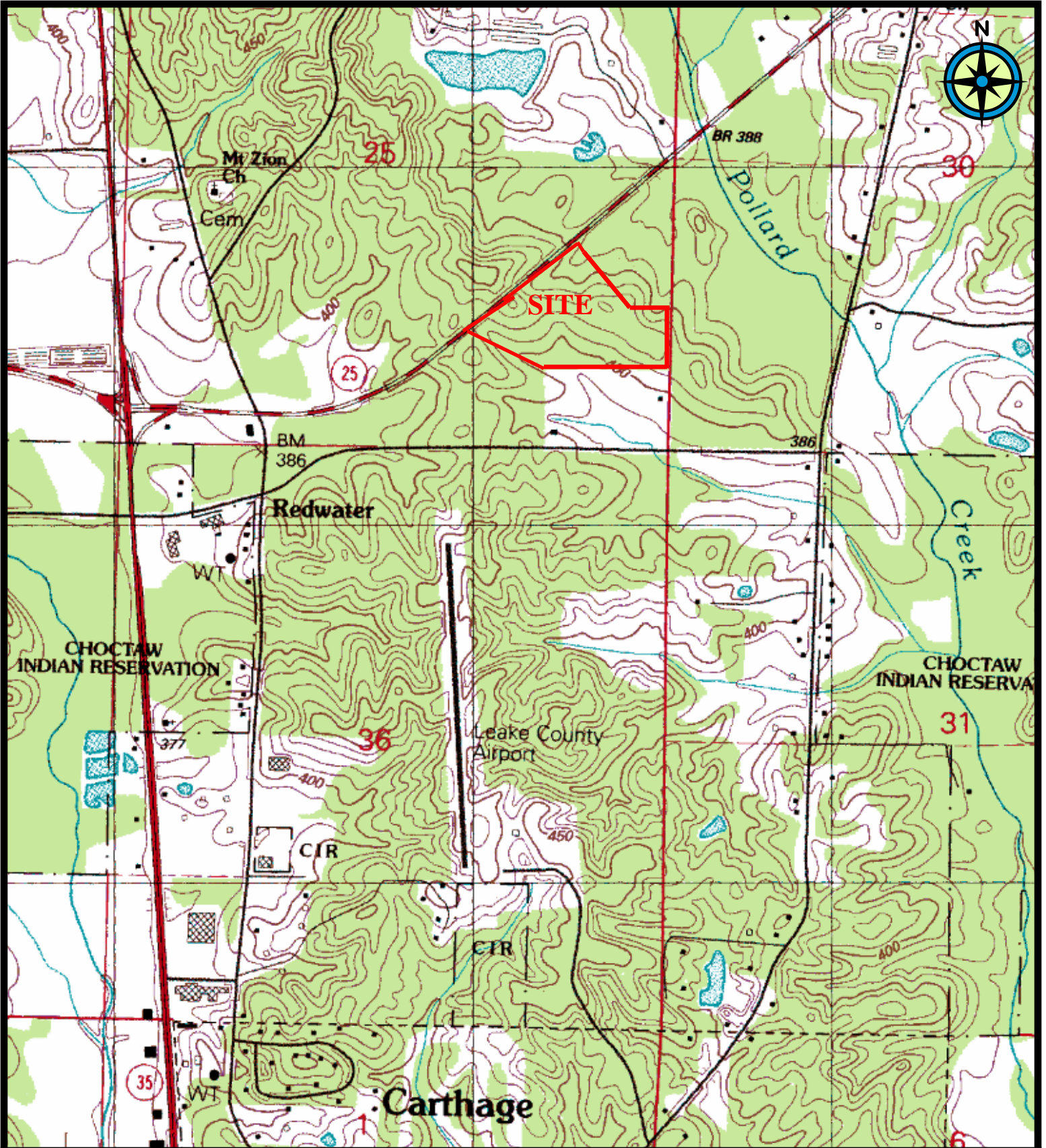
U. S. G. S. and Mississippi Research and Development Center, *Sources for Water Supplies in Mississippi*, B. E. Wasson, revised 1986.

MDEQ File Review Records for KK Trucking and 25/35 Chevron.

9.0 LIST OF APPENDICES

- 9.1 Site Topographic Map
- 9.2 Site and Vicinity Map (2014 Aerial Photograph)
- 9.3 Site Photographs
- 9.4 Historical Research Documentation
 - Aerial Photographs
 - FEMA Flood Insurance Rate Map
- 9.5 EDR Radius Map Report
- 9.6 MDEQ File Review Records
- 9.7 Site Records
 - NRCS Custom Soil Resource Report
 - Tax Assessor's Map and Landroll Maintenance Report
- 9.8 Special Contractual Conditions
- 9.9 Qualification(s) of the Environmental Professional(s)
- 9.10 Phase I ESA User Questionnaire

Appendix 9.1
Site Topographic Map



Source: USGS 7.5 minute Quadrangle Conway, Miss, dated 1989.



Site Topographic Map

28.6-Acre Industrial Property
 Highway 25 Frontage Road
 Carthage, Mississippi

Date: 2/15/2018

Project #: 24154.01.003

Appendix 9.2
Site and Vicinity Map
(2014 Aerial Photograph)



Source: Google Earth Aerial Imagery, dated October 2014.



Site and Vicinity Map

28.6-Acre Industrial Property
Highway 25 Frontage Road
Carthage, Mississippi

Date: 2/15/2018

Project #: 24154.01.003

Appendix 9.3
Site Photographs

SITE PHOTOGRAPHS
28.6-ACRE INDUSTRIAL PROPERTY
CARTHAGE, MISSISSIPPI



VIEW OF NORTHEAST QUADRANT OF PROPERTY LOOKING SOUTHWEST FROM HIGHWAY 25 FRONTAGE ROAD.



VIEW LOOKING SOUTH TOWARD SOUTH BOUNDARY OF PROPERTY FROM HIGHWAY 25 FRONTAGE ROAD ALONG NORTH PROPERTY BOUNDARY.

**SITE PHOTOGRAPHS
28.6-ACRE INDUSTRIAL PROPERTY
CARTHAGE, MISSISSIPPI**



VIEW LOOKING SOUTHWEST ACROSS GRASS-COVERED PORTION OF THE PROPERTY, WITH HIGHWAY 25 FRONTAGE ROAD AND HIGHWAY 25 AT RIGHT OF PHOTOGRAPH.



VIEW LOOKING NORTHEAST ACROSS GRASS-COVERED PORTION OF THE PROPERTY, WITH HIGHWAY 25 FRONTAGE ROAD AND HIGHWAY 25 TO THE LEFT AND THE FORMER HISAN BUILDING IN THE DISTANCE.

**SITE PHOTOGRAPHS
28.6-ACRE INDUSTRIAL PROPERTY
CARTHAGE, MISSISSIPPI**



VIEW OF SUBJECT PROPERTY LOOKING NORTH TOWARD FRONTAGE ROAD FROM NEAR THE SOUTHWEST CORNER OF THE PROPERTY.



VIEW OF SUBJECT PROPERTY FACING NORTHEAST FROM NEAR THE SOUTHWEST CORNER OF THE PROPERTY.

SITE PHOTOGRAPHS
28.6-ACRE INDUSTRIAL PROPERTY
CARTHAGE, MISSISSIPPI



VIEW FACING SOUTHEAST FROM HIGHWAY 25 FRONTAGE ROAD ALONG AN ACCESS DRIVE TO A FORMER GRAVEL EXCAVATION/MINING AREA NEAR THE NORTHWEST CORNER OF THE PROPERTY.



VIEW OF FORMER GRAVEL EXCAVATION/MINING AREA ON THE NORTHWESTERN PORTION OF THE PROPERTY.

**SITE PHOTOGRAPHS
28.6-ACRE INDUSTRIAL PROPERTY
CARTHAGE, MISSISSIPPI**



VIEW FACING NORTH ALONG POLLARD ROAD (EASTERN PROPERTY BOUNDARY AT LEFT).



VIEW OF FRESHWATER POND ON THE SOUTHERN PORTION OF SUBJECT PROPERTY.

**SITE PHOTOGRAPHS
28.6-ACRE INDUSTRIAL PROPERTY
CARTHAGE, MISSISSIPPI**



TYPICAL VIEW OF PARTIALLY WOODED AREAS ALONG SOUTHERN PORTION OF SUBJECT PROPERTY.



VIEW OF ADJACENT (FORMER) HISAN BUILDING TO THE NORTHEAST OF THE SUBJECT PROPERTY, WITH SUBJECT PROPERTY ON HIGH GROUND IN FOREGROUND AND TO THE LEFT OF PHOTOGRAPH.

**SITE PHOTOGRAPHS
28.6-ACRE INDUSTRIAL PROPERTY
CARTHAGE, MISSISSIPPI**



VIEW OF LEAKE COUNTY BUS BARN (FORMER KK TRUCKING) LOCATED BEYOND POLLARD ROAD TO THE NORTHEAST OF THE SUBJECT PROPERTY.



VIEW OF FORMER 25/35 CHEVRON STATION LOCATED ALONG HIGHWAY 25 FRONTAGE ROAD FURTHER TO THE WEST OF THE SUBJECT PROPERTY.

Appendix 9.4
Historical Research Documentation

Aerial Photographs

FEMA Flood Insurance Rate Map

AERIAL PHOTOGRAPHS



Carthage 70-Acre Property

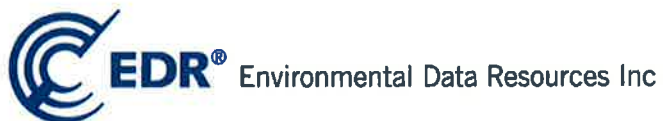
10012 Progress Drive

Carthage, MS 39051

Inquiry Number: 3687404.5



The EDR Aerial Photo Decade Package



440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

Date EDR Searched Historical Sources:

Target Property:

10012 Progress Drive
Carthage, MS 39051

| <u><i>Year</i></u> | <u><i>Scale</i></u> | <u><i>Details</i></u> | <u><i>Source</i></u> |
|--------------------|------------------------------------|--|----------------------|
| 1952 | Aerial Photograph. Scale: 1"=1000' | Panel #: 32089-G5, Conway, MS;/Flight Date: March 20, 1952 | EDR |
| 1985 | Aerial Photograph. Scale: 1"=1000' | Panel #: 32089-G5, Conway, MS;/Flight Date: October 05, 1985 | EDR |
| 1992 | Aerial Photograph. Scale: 1"=1000' | Panel #: 32089-G5, Conway, MS;/Flight Date: November 15, 1992 | EDR |
| 1996 | Aerial Photograph. Scale: 1"=500' | Panel #: 32089-G5, Conway, MS;/DOQQ - acquisition dates: January 20, 1996 | EDR |
| 2005 | Aerial Photograph. Scale: 1"=500' | Panel #: 32089-G5, Conway, MS;/Flight Year: 2005 | EDR |
| 2006 | Aerial Photograph. Scale: 1"=500' | Panel #: 32089-G5, Conway, MS;/Flight Year: 2006 | EDR |
| 2007 | Aerial Photograph. Scale: 1"=500' | Panel #: 32089-G5, Conway, MS;/Flight Year: 2007 | EDR |
| 2009 | Aerial Photograph. Scale: 1"=500' | Panel #: 32089-G5, Conway, MS;/Flight Year: 2009 | EDR |
| 2010 | Aerial Photograph. Scale: 1"=500' | Panel #: 32089-G5, Conway, MS;/Flight Year: 2010 | EDR |
| 2012 | Aerial Photograph. Scale: 1"=500' | Panel #: 32089-G5, Conway, MS;/Flight Year: 2012 | EDR |



INQUIRY #: 3687404.5

YEAR: 1952

| = 1000'





INQUIRY #: 3687404.5

YEAR: 1985

 = 1000'





INQUIRY #: 3687404.5

YEAR: 1992

| = 1000'





INQUIRY #: 3687404.5

YEAR: 1996

| = 500'





INQUIRY #: 3687404.5

YEAR: 2005

| = 500'





INQUIRY #: 3687404.5

YEAR: 2006

| = 500'





INQUIRY #: 3687404.5

YEAR: 2007

| = 500'





INQUIRY #: 3687404.5

YEAR: 2009

| = 500'





INQUIRY #: 3687404.5

YEAR: 2010

| = 500'





INQUIRY #: 3687404.5

YEAR: 2012

| = 500'



FEMA FLOOD INSURANCE RATE MAP

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The community map repository should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where Base Flood Elevations (BFEs) and/or floodways have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations (BFEs) shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the floodways were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The projection used in the preparation of this map was State Plane Mississippi East FIPS Zone 2201. The horizontal datum was NAD83, GRS 1980 spheroid. Differences in datum, spheroid, projection or LTM zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same vertical datum. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at <http://www.ngs.noaa.gov/> or contact the National Geodetic Survey at the following address:

NGS Information Services
NOAA/NNGS12
National Geodetic Survey
SSMC-3, #9202
1315 East-West Highway
Silver Spring, Maryland 20910-3282
(301) 713-3242

To obtain current elevation, description, and/or location information for bench marks shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242 or visit its website at <http://www.ngs.noaa.gov/>.

Base map information shown on this FIRM was provided in digital format by the State of Mississippi. This information was photogrammetrically compiled at a scale of 1:400 from aerial photography dated March 2006.

This map reflects more detailed and up-to-date stream channel configurations than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables in the Flood Insurance Study report (which contains authoritative hydraulic data) may reflect stream channel distances that differ from what is shown on this map.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

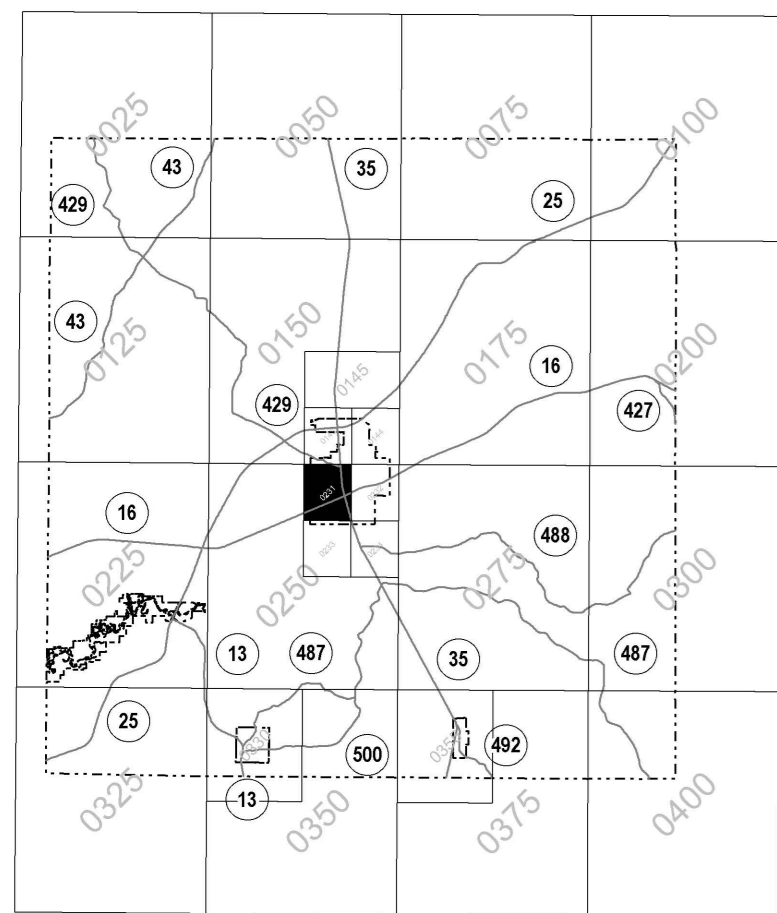
Please refer to the separately printed Map Index for an overview map of the county showing the layout of map panels; community map repository addresses; and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

Contact the FEMA Map Service Center at 1-800-358-9616 for information on available products associated with this FIRM. Available products may include previously issued Letters of Map Change, a Flood Insurance Study report, and/or digital versions of this map. The FEMA Map Service Center may also be reached by Fax at 1-800-358-9620 and its website at <http://msc.fema.gov/>.

If you have questions about this map or questions concerning the National Flood Insurance Program in general, please call 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA website at <http://www.fema.gov/business/info/>.

Elevation Reference Marks

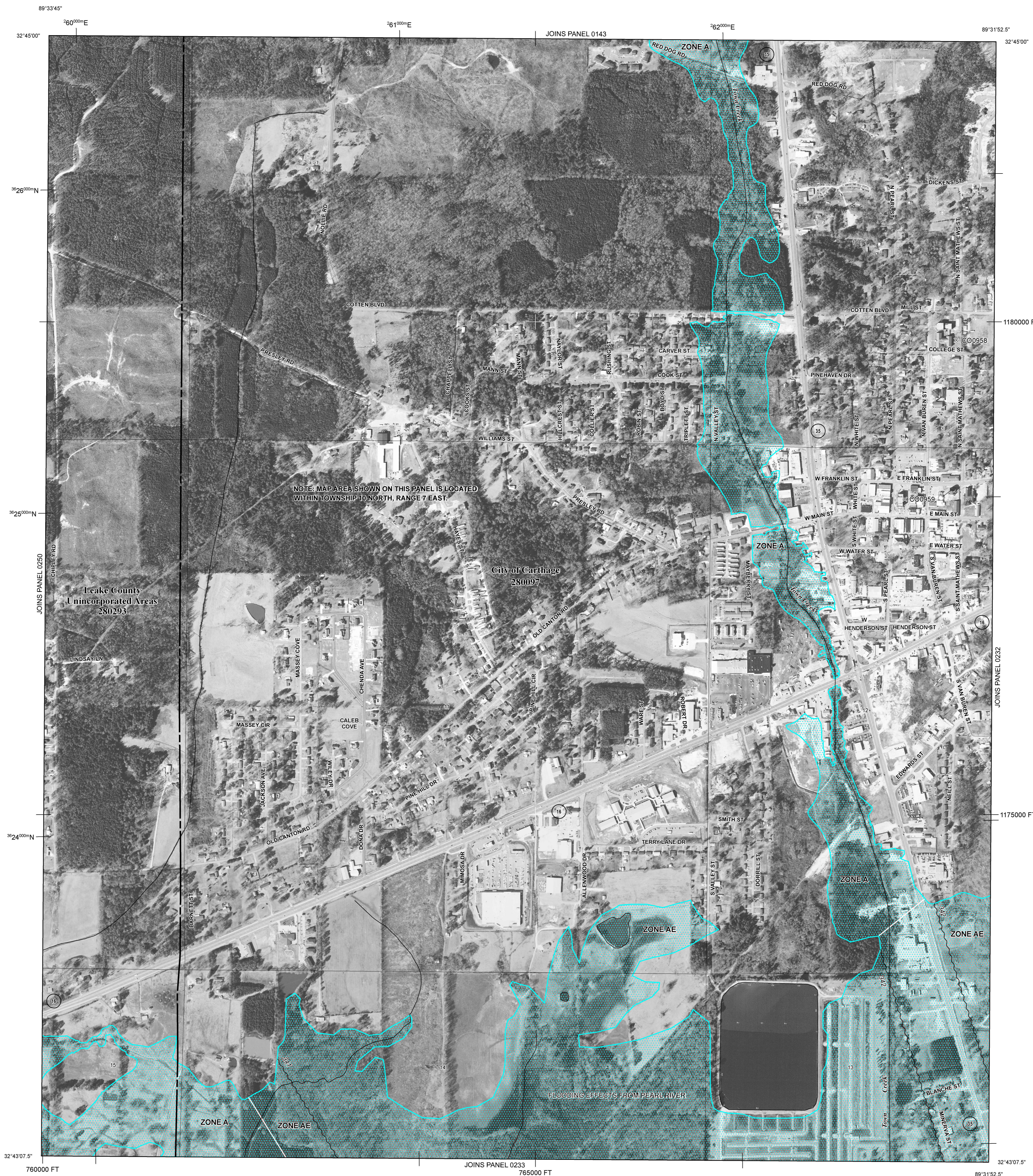
CO0958
CO0959



LEAKE COUNTY AND INCORPORATED COMMUNITIES FIRM PANEL LOCATOR

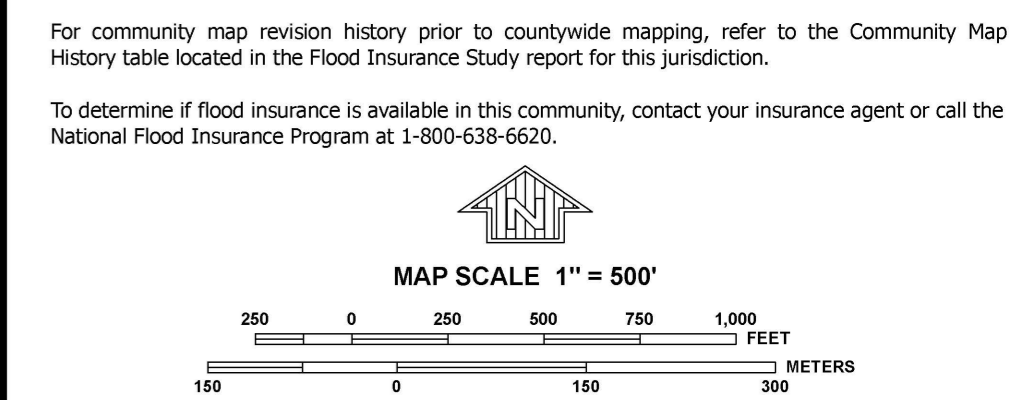


This map was produced through the Mississippi Flood Map Modernization Initiative, a cooperative partnership between the State of Mississippi and Department of Homeland Security - Federal Emergency Management Agency.



LEGEND

- SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD
- The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.
- ZONE A** No Base Flood Elevations determined.
- ZONE AE** Base Flood Elevations determined.
- ZONE AH** Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
- ZONE AO** Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
- ZONE AR** Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
- ZONE A99** Areas to be protected from 1% annual chance flood event by a Federal flood protection system under construction; no Base Flood Elevations determined.
- ZONE V** Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
- ZONE VE** Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.
- FLOODWAY AREAS IN ZONE AE
- The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.
- OTHER FLOOD AREAS
- ZONE X** Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.
- OTHER AREAS
- ZONE X** Areas determined to be outside the 0.2% annual chance floodplain.
- ZONE D** Areas in which flood hazards are undetermined, but possible.
- COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS
- OTHERWISE PROTECTED AREAS (OPAs)
- CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.
- 1% annual chance flood boundary
- 0.2% annual chance floodplain boundary
- Floodway boundary
- Zone D boundary
- CBRS and OPA boundary
- Boundary dividing Special Flood Hazard Area Zones and bounding dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths, or flood velocities
- Limit of Moderate Wave Action Delineation
- 513 (EL 987) Base Flood Elevation line and value; elevation in feet*
- * Referenced to the North American Vertical Datum of 1988
- North arrow
- Cross section line
- Transect line
- Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere
- 1000-meter Universal Transverse Mercator grid ticks, zone 16
- 5000-foot grid values; Mississippi State Plane coordinate system, East Zone (FIPSZONE = 2201), Transverse Mercator projection
- Bench mark (see explanation in Notes to Users section of this FIRM panel)
- River Mile
- MAP REPOSITORIES
- Refer to Map Repositories List on Map Index
- EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
- September 16, 2011
- EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL



NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0231C

FIRM

FLOOD INSURANCE RATE MAP

LEAKE COUNTY, MISSISSIPPI AND INCORPORATED AREAS

PANEL 231 OF 400

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

| COMMUNITY | NUMBER | PANEL | SUFFIX |
|-------------------|--------|-------|--------|
| CARTHAGE, CITY OF | 280097 | 0231 | C |
| LEAKE COUNTY | 280293 | 0231 | C |

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

MAP NUMBER 28079C0231C

EFFECTIVE DATE

SEPTEMBER 16, 2011

Federal Emergency Management Agency

Appendix 9.5
EDR Radius Map Report

28.6 Acre Leake County Tract

Hwy 25 Frontage Rd

Carthage, MS 39051

Inquiry Number: 5189944.2s

February 15, 2018

The EDR Radius Map™ Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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| Detail Map | 3 |
| Map Findings Summary | 4 |
| Map Findings | 8 |
| Orphan Summary | 11 |
| Government Records Searched/Data Currency Tracking | GR-1 |

GEOCHECK ADDENDUM

GeoCheck - Not Requested

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), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

HWY 25 FRONTAGE RD
CARTHAGE, MS 39051

COORDINATES

| | |
|--------------------------------|-----------------------------|
| Latitude (North): | 32.7711890 - 32° 46' 16.28" |
| Longitude (West): | 89.5277470 - 89° 31' 39.88" |
| Universal Transverse Mercator: | Zone 16 |
| UTM X (Meters): | 263223.6 |
| UTM Y (Meters): | 3628559.2 |
| Elevation: | 421 ft. above sea level |

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

| | |
|----------------------|--------------------|
| Target Property Map: | 5639328 CONWAY, MS |
| Version Date: | 2012 |

AERIAL PHOTOGRAPHY IN THIS REPORT

| | |
|-------------------------|----------|
| Portions of Photo from: | 20140826 |
| Source: | USDA |

MAPPED SITES SUMMARY

Target Property Address:
HWY 25 FRONTAGE RD
CARTHAGE, MS 39051

Click on Map ID to see full detail.

| MAP ID | SITE NAME | ADDRESS | DATABASE ACRONYMS | RELATIVE ELEVATION | DIST (ft. & mi.) DIRECTION |
|-------------------|---------------|----------------------|-------------------|--------------------|----------------------------|
| 1 | 25/35 CHEVRON | 245 HIGHWAY 25 NORTH | LUST, UST | Higher | 493, 0.093, WNW |
| 2 | KK TRUCKING | | SHWS | Lower | 538, 0.102, ENE |

EXECUTIVE SUMMARY

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
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

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

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

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List

EXECUTIVE SUMMARY

US INST CONTROL..... Sites with Institutional Controls

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

FEMA UST..... Underground Storage Tank Listing

AST..... Aboveground Storage Tanks

INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

ENG CONTROLS..... Sites with Engineering Controls

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

SWTIRE..... Commercial Waste Tire Haulers

SWRCY..... Mississippi Recycling Directory

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

ODI..... Open Dump Inventory

IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register

US CDL..... National Clandestine Laboratory Register

EXECUTIVE SUMMARY

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
FUDS..... Formerly Used Defense Sites
DOD..... Department of Defense Sites
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR..... Financial Assurance Information
EPA WATCH LIST..... EPA WATCH LIST
2020 COR ACTION..... 2020 Corrective Action Program List
TSCA..... Toxic Substances Control Act
TRIS..... Toxic Chemical Release Inventory System
SSTS..... Section 7 Tracking Systems
ROD..... Records Of Decision
RMP..... Risk Management Plans
RAATS..... RCRA Administrative Action Tracking System
PRP..... Potentially Responsible Parties
PADS..... PCB Activity Database System
ICIS..... Integrated Compliance Information System
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS..... Material Licensing Tracking System
COAL ASH DOE..... Steam-Electric Plant Operation Data
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER..... PCB Transformer Registration Database
RADINFO..... Radiation Information Database
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS..... Incident and Accident Data
CONSENT..... Superfund (CERCLA) Consent Decrees
INDIAN RESERV..... Indian Reservations
FUSRAP..... Formerly Utilized Sites Remedial Action Program
UMTRA..... Uranium Mill Tailings Sites
LEAD SMELTERS..... Lead Smelter Sites
US AIRS..... Aerometric Information Retrieval System Facility Subsystem
US MINES..... Mines Master Index File
ABANDONED MINES..... Abandoned Mines
FINDS..... Facility Index System/Facility Registry System
DOCKET HWC..... Hazardous Waste Compliance Docket Listing
UXO..... Unexploded Ordnance Sites
ECHO..... Enforcement & Compliance History Information
FUELS PROGRAM..... EPA Fuels Program Registered Listing
AIRS..... Air Quality Information Listing
ASBESTOS..... Asbestos Project Listing
DRYCLEANERS..... Drycleaner Facilities Listing
NPDES..... Industrial & Municipal NPDES Facilities
PERMITS..... Environmental Site Information System Listing
UIC..... UIC Information

EXECUTIVE SUMMARY

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP..... EDR Proprietary Manufactured Gas Plants
EDR Hist Auto..... EDR Exclusive Historical Auto Stations
EDR Hist Cleaner..... EDR Exclusive Historical 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.

STANDARD ENVIRONMENTAL RECORDS

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 12/06/2017 has revealed that there is 1 SHWS site within approximately 1 mile of the target property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|------------------------|----------------|-----------------------------|---------------|-------------|
| KK TRUCKING | | ENE 0 - 1/8 (0.102 mi.) | 2 | 10 |

EXECUTIVE SUMMARY

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 12/22/2017 has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|--|-----------------------------|--------------------------------|---------------|-------------|
| 25/35 CHEVRON Status Code: Closed Facility Status: Inactive Facility Id: 10622 | 245 HIGHWAY 25 NORTH | WNW 0 - 1/8 (0.093 mi.) | 1 | 8 |

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Quality's Underground Storage Tanks list.

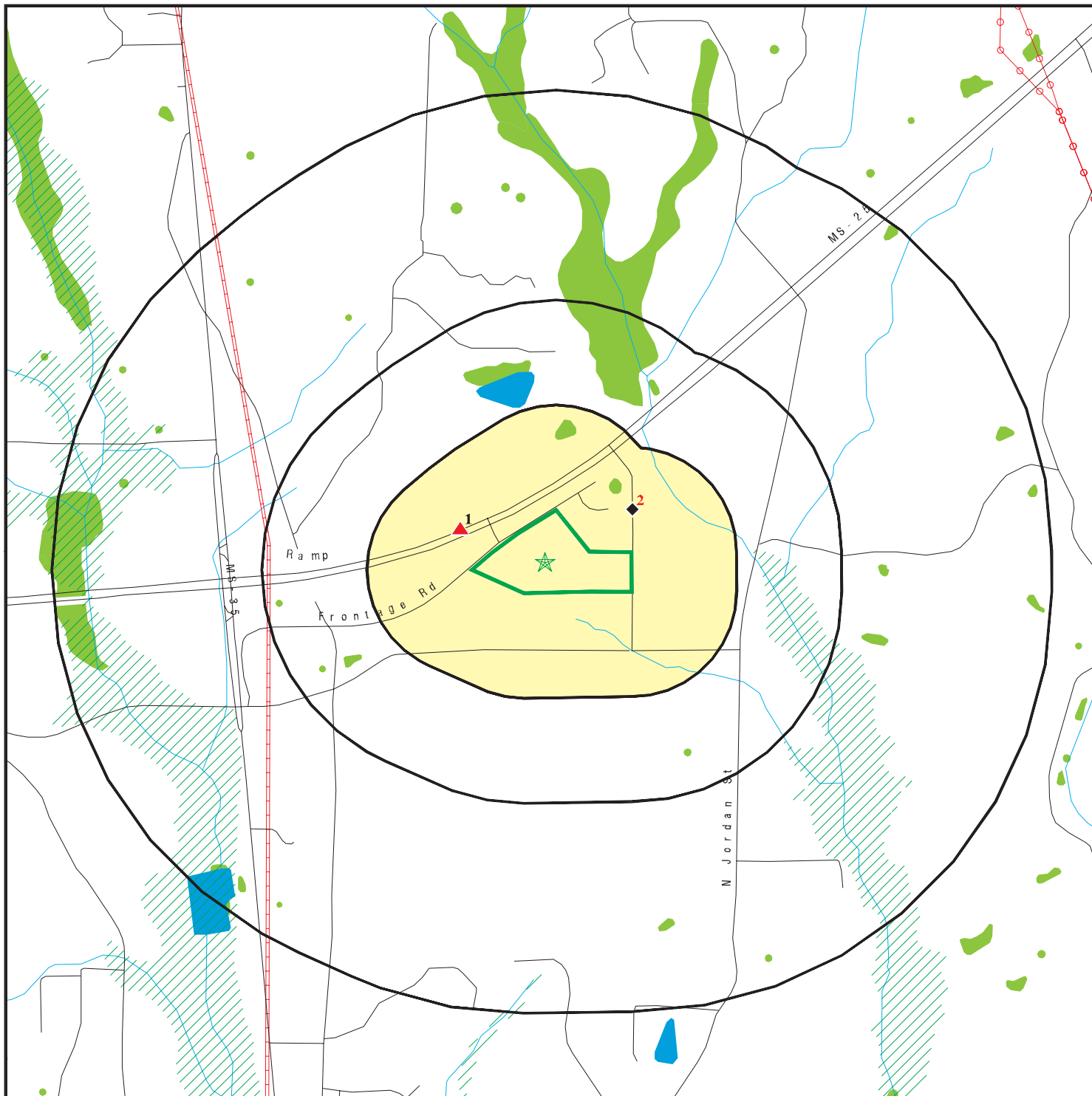
A review of the UST list, as provided by EDR, and dated 12/22/2017 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|--|-----------------------------|--------------------------------|---------------|-------------|
| 25/35 CHEVRON Tank Status: Temporarily Out of Service Facility Status: Inactive Facility Id: 10622 | 245 HIGHWAY 25 NORTH | WNW 0 - 1/8 (0.093 mi.) | 1 | 8 |

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 5189944.2S



Target Property

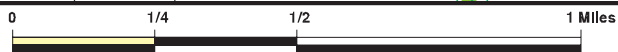
Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites



Indian Reservations BIA

Upgradient Area

Power transmission lines

Pipelines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

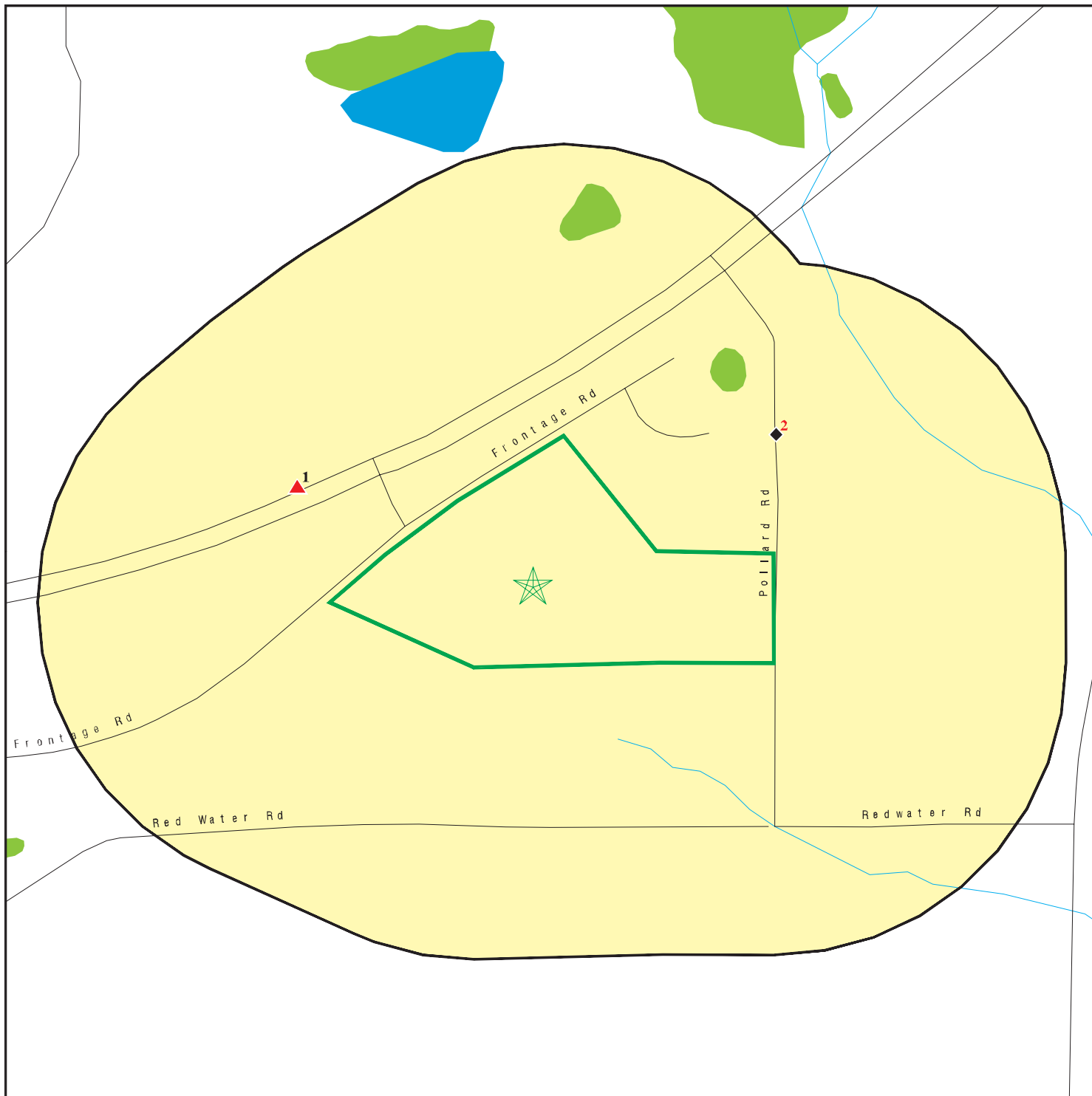









This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 28.6 Acre Leake County Tract
 ADDRESS: Hwy 25 Frontage Rd
 Carthage MS 39051
 LAT/LONG: 32.771189 / 89.527747

CLIENT: Pickering Firm Inc
 CONTACT: Marcus Hope
 INQUIRY #: 5189944.2s
 DATE: February 15, 2018 10:44 am

DETAIL MAP - 5189944.2S



-  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
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory
-  State Wetlands



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

SITE NAME: 28.6 Acre Leake County Tract
 ADDRESS: Hwy 25 Frontage Rd
 Carthage MS 39051
 LAT/LONG: 32.771189 / 89.527747

CLIENT: Pickering Firm Inc
 CONTACT: Marcus Hope
 INQUIRY #: 5189944.2s
 DATE: February 15, 2018 10:45 am

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 |
|--|-------------------------------|--------------------|-------|-----------|-----------|---------|-----|------------------|
| STANDARD ENVIRONMENTAL RECORDS | | | | | | | | |
| <i>Federal NPL site list</i> | | | | | | | | |
| 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 |
| <i>Federal Delisted NPL site list</i> | | | | | | | | |
| Delisted NPL | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| <i>Federal CERCLIS list</i> | | | | | | | | |
| FEDERAL FACILITY | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| SEMS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| <i>Federal CERCLIS NFRAP site list</i> | | | | | | | | |
| SEMS-ARCHIVE | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| <i>Federal RCRA CORRACTS facilities list</i> | | | | | | | | |
| CORRACTS | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| <i>Federal RCRA non-CORRACTS TSD facilities list</i> | | | | | | | | |
| RCRA-TSDF | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| <i>Federal RCRA generators list</i> | | | | | | | | |
| 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 |
| <i>Federal institutional controls / engineering controls registries</i> | | | | | | | | |
| LUCIS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| US ENG CONTROLS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| US INST CONTROL | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| <i>Federal ERNS list</i> | | | | | | | | |
| ERNS | TP | | NR | NR | NR | NR | NR | 0 |
| <i>State- and tribal - equivalent CERCLIS</i> | | | | | | | | |
| SHWS | 1.000 | | 1 | 0 | 0 | 0 | NR | 1 |
| <i>State and tribal landfill and/or solid waste disposal site lists</i> | | | | | | | | |
| SWF/LF | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| DEBRIS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| <i>State and tribal leaking storage tank lists</i> | | | | | | | | |
| LUST | 0.500 | | 1 | 0 | 0 | NR | NR | 1 |
| INDIAN LUST | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| <i>State and tribal registered storage tank lists</i> | | | | | | | | |
| FEMA 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 |
|--|-------------------------|-----------------|-------|-----------|-----------|---------|-----|---------------|
| UST | 0.250 | | 1 | 0 | NR | NR | NR | 1 |
| AST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| INDIAN UST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| State and tribal institutional control / engineering control registries | | | | | | | | |
| ENG CONTROLS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| INST CONTROL | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| State and tribal voluntary cleanup sites | | | | | | | | |
| INDIAN VCP | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| VCP | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| State and tribal Brownfields sites | | | | | | | | |
| BROWNFIELDS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ADDITIONAL ENVIRONMENTAL RECORDS | | | | | | | | |
| Local Brownfield lists | | | | | | | | |
| US BROWNFIELDS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| Local Lists of Landfill / Solid Waste Disposal Sites | | | | | | | | |
| SWTIRE | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| SWRCY | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| INDIAN ODI | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| DEBRIS REGION 9 | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ODI | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| IHS OPEN DUMPS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| Local Lists of Hazardous waste / Contaminated Sites | | | | | | | | |
| US HIST CDL | TP | | NR | NR | NR | NR | NR | 0 |
| US CDL | TP | | NR | NR | NR | NR | NR | 0 |
| Local Land Records | | | | | | | | |
| LIENS 2 | TP | | NR | NR | NR | NR | NR | 0 |
| Records of Emergency Release Reports | | | | | | | | |
| HMIRS | TP | | NR | NR | NR | NR | NR | 0 |
| Other Ascertainable Records | | | | | | | | |
| RCRA NonGen / NLR | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| FUDS | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| DOD | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| SCRD DRYCLEANERS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| US FIN ASSUR | TP | | NR | NR | NR | NR | NR | 0 |
| EPA WATCH LIST | TP | | NR | NR | NR | NR | NR | 0 |
| 2020 COR ACTION | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| TSCA | TP | | NR | NR | NR | NR | NR | 0 |

MAP FINDINGS SUMMARY

| <u>Database</u> | <u>Search Distance (Miles)</u> | <u>Target Property</u> | <u>< 1/8</u> | <u>1/8 - 1/4</u> | <u>1/4 - 1/2</u> | <u>1/2 - 1</u> | <u>> 1</u> | <u>Total Plotted</u> |
|-----------------|--|----------------------------|-----------------|------------------|------------------|----------------|---------------|--------------------------|
|-----------------|--|----------------------------|-----------------|------------------|------------------|----------------|---------------|--------------------------|

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

1
WNW
< 1/8
0.093 mi.
493 ft.

**25/35 CHEVRON
245 HIGHWAY 25 NORTH
CARTHAGE, MS 39051**

**LUST U003774042
UST N/A**

**Relative:
Higher**

Facility Id: 10622
Facility Status: Inactive
Lust Status: Closed
AIIID: 24423
Event #: 1
Project Manager: Heather Cochran
Date Of Report: 09/29/1995
Trust Fund Status: EUD
Confirmed On: 10/02/1995
NFA Date: 07/18/1996

**Actual:
450 ft.**

UST:

Facility ID: 10622
Facility Status: Inactive
Latitude: 32 46' 8.0000"
Longitude: 89 32' 2.9000"
Permanently Out of Use Tanks: 0
Active Tanks: 4
AIIID: 24423
Owner Name: Murrill Triplett
Owner Address: 245 Highway 25 North
Owner Tele: (601)267-4510

Tank:

Tank No: 1
Tank ID: 26968
Tank Status: Temporarily Out of Service
Tank Capacity: 10000
Date Installed: 01/01/1989
Substance: Gasoline
Reported Release: Yes
Close Type: Not reported
Date Removed: 09/11/2008
Close Type: Not reported
Tank Material: Epoxy Coated Steel
2nd Containment: Cathodically Protected
Tank Lead Detection: Groundwater/Vapor Monitoring
Overfill Protection: Yes
Spill Prevention: Yes

Pipe:

Tank No: 1
Tank Id: 26968
Pipe Id: 1
Pipe Status: Temporarily Out of Service
Type Of Closure: Not reported
Pipe Material Construction: Fiberglass Reinforced Plastic
Secondary Pipe Material: None
Piping Type: Pressurized
Pipe Leak Detection: Groundwater/Vapor Monitoring

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

25/35 CHEVRON (Continued)

U003774042

Tank:

Tank No: 2
Tank ID: 26969
Tank Status: Temporarily Out of Service
Tank Capacity: 10000
Date Installed: 01/01/1989
Substance: Gasoline
Reported Release: Yes
Close Type: Not reported
Date Removed: 09/11/2008
Close Type: Not reported
Tank Material: Epoxy Coated Steel
2nd Containmnt: Cathodically Protected
Tank Lead Detection: Groundwater/Vapor Monitoring
Overfill Protection: Yes
Spill Prevention: Yes

Pipe:

Tank No: 2
Tank Id: 26969
Pipe Id: 2
Pipe Status: Temporarily Out of Service
Type Of Closure: Not reported
Pipe Material Construction: Fiberglass Reinforced Plastic
Secondary Pipe Material: None
Piping Type: Pressurized
Pipe Leak Detection: Groundwater/Vapor Monitoring

Tank:

Tank No: 3
Tank ID: 26970
Tank Status: Temporarily Out of Service
Tank Capacity: 10000
Date Installed: 01/01/1989
Substance: Gasoline
Reported Release: Yes
Close Type: Not reported
Date Removed: 09/11/2008
Close Type: Not reported
Tank Material: Epoxy Coated Steel
2nd Containmnt: Cathodically Protected
Tank Lead Detection: Groundwater/Vapor Monitoring
Overfill Protection: Yes
Spill Prevention: Yes

Pipe:

Tank No: 3
Tank Id: 26970
Pipe Id: 3
Pipe Status: Temporarily Out of Service
Type Of Closure: Not reported
Pipe Material Construction: Fiberglass Reinforced Plastic
Secondary Pipe Material: None
Piping Type: Pressurized
Pipe Leak Detection: Groundwater/Vapor Monitoring

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

25/35 CHEVRON (Continued)

U003774042

Tank:

Tank No: 4
Tank ID: 26971
Tank Status: Temporarily Out of Service
Tank Capacity: 10000
Date Installed: 01/01/1989
Substance: Diesel
Reported Release: Yes
Close Type: Not reported
Date Removed: 09/11/2008
Close Type: Not reported
Tank Material: Epoxy Coated Steel
2nd Containmnt: Cathodically Protected
Tank Lead Detection: Groundwater/Vapor Monitoring
Overfill Protection: Yes
Spill Prevention: Yes

Pipe:

Tank No: 4
Tank Id: 26971
Pipe Id: 4
Pipe Status: Temporarily Out of Service
Type Of Closure: Not reported
Pipe Material Construction: Fiberglass Reinforced Plastic
Secondary Pipe Material: None
Piping Type: Pressurized
Pipe Leak Detection: Groundwater/Vapor Monitoring

2
ENE
< 1/8
0.102 mi.
538 ft.

KK TRUCKING
CARTHAGE, MS

SHWS S108634324
N/A

Relative:
Lower

SHWS:

Lat/Long (dms): 32 46 23 / 89 31 27
Site Size (acres): Not reported
EPA ID: Not reported
Project Manager: Not reported
Status: Not reported
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 KNOWN CONTAMINATION
High Concentration: Not reported
High Concentration Units: Not reported
Institutional Control: Not reported
Engineering Control: Not reported
Voluntary Cleanups: Not reported

Actual:
377 ft.

Count: 0 records.

ORPHAN SUMMARY

| City | EDR ID | Site Name | Site Address | Zip | Database(s) |
|----------------|--------|-----------|--------------|-----|-------------|
| NO SITES FOUND | | | | | |

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: 12/11/2017 | Source: EPA |
| Date Data Arrived at EDR: 12/22/2017 | Telephone: N/A |
| Date Made Active in Reports: 01/05/2018 | Last EDR Contact: 02/06/2018 |
| Number of Days to Update: 14 | Next Scheduled EDR Contact: 04/16/2018 |
| | 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: 12/11/2017 | Source: EPA |
| Date Data Arrived at EDR: 12/22/2017 | Telephone: N/A |
| Date Made Active in Reports: 01/05/2018 | Last EDR Contact: 02/06/2018 |
| Number of Days to Update: 14 | Next Scheduled EDR Contact: 05/21/2018 |
| | 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: 12/11/2017 | Source: EPA |
| Date Data Arrived at EDR: 12/22/2017 | Telephone: N/A |
| Date Made Active in Reports: 01/05/2018 | Last EDR Contact: 02/06/2018 |
| Number of Days to Update: 14 | Next Scheduled EDR Contact: 04/16/2018 |
| | Data Release Frequency: Quarterly |

Federal CERCLIS list

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: 11/07/2016 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 01/05/2017 | Telephone: 703-603-8704 |
| Date Made Active in Reports: 04/07/2017 | Last EDR Contact: 01/05/2018 |
| Number of Days to Update: 92 | Next Scheduled EDR Contact: 04/16/2018 |
| | Data Release Frequency: Varies |

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list 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). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

| | |
|---|--|
| Date of Government Version: 12/11/2017 | Source: EPA |
| Date Data Arrived at EDR: 12/22/2017 | Telephone: 800-424-9346 |
| Date Made Active in Reports: 01/12/2018 | Last EDR Contact: 02/06/2018 |
| Number of Days to Update: 21 | Next Scheduled EDR Contact: 04/30/2018 |
| | Data Release Frequency: Quarterly |

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS 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 the 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. The 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 potential NPL site.

| | |
|---|--|
| Date of Government Version: 12/11/2017 | Source: EPA |
| Date Data Arrived at EDR: 12/22/2017 | Telephone: 800-424-9346 |
| Date Made Active in Reports: 01/12/2018 | Last EDR Contact: 02/06/2018 |
| Number of Days to Update: 21 | Next Scheduled EDR Contact: 04/30/2018 |
| | Data Release Frequency: Quarterly |

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

| | |
|---|--|
| Date of Government Version: 12/11/2017 | Source: EPA |
| Date Data Arrived at EDR: 12/26/2017 | Telephone: 800-424-9346 |
| Date Made Active in Reports: 02/09/2018 | Last EDR Contact: 01/19/2018 |
| Number of Days to Update: 45 | Next Scheduled EDR Contact: 04/09/2018 |
| | 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: 12/11/2017 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 12/26/2017 | Telephone: (404) 562-8651 |
| Date Made Active in Reports: 02/09/2018 | Last EDR Contact: 01/19/2018 |
| Number of Days to Update: 45 | Next Scheduled EDR Contact: 04/09/2018 |
| | 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: 12/11/2017 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 12/26/2017 | Telephone: (404) 562-8651 |
| Date Made Active in Reports: 02/09/2018 | Last EDR Contact: 01/19/2018 |
| Number of Days to Update: 45 | Next Scheduled EDR Contact: 04/09/2018 |
| | Data Release Frequency: Quarterly |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/11/2017 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 12/26/2017 | Telephone: (404) 562-8651 |
| Date Made Active in Reports: 02/09/2018 | Last EDR Contact: 01/19/2018 |
| Number of Days to Update: 45 | Next Scheduled EDR Contact: 04/09/2018 |
| | 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: 12/11/2017 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 12/26/2017 | Telephone: (404) 562-8651 |
| Date Made Active in Reports: 02/09/2018 | Last EDR Contact: 01/19/2018 |
| Number of Days to Update: 45 | Next Scheduled EDR Contact: 04/09/2018 |
| | Data Release Frequency: Quarterly |

Federal institutional controls / engineering controls registries

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: 05/22/2017 | Source: Department of the Navy |
| Date Data Arrived at EDR: 06/13/2017 | Telephone: 843-820-7326 |
| Date Made Active in Reports: 09/15/2017 | Last EDR Contact: 02/09/2018 |
| Number of Days to Update: 94 | Next Scheduled EDR Contact: 05/28/2018 |
| | Data Release Frequency: Varies |

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: 11/13/2017 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 11/27/2017 | Telephone: 703-603-0695 |
| Date Made Active in Reports: 02/09/2018 | Last EDR Contact: 01/19/2018 |
| Number of Days to Update: 74 | Next Scheduled EDR Contact: 03/12/2018 |
| | 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: 11/13/2017 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 11/27/2017 | Telephone: 703-603-0695 |
| Date Made Active in Reports: 02/09/2018 | Last EDR Contact: 01/19/2018 |
| Number of Days to Update: 74 | Next Scheduled EDR Contact: 03/12/2018 |
| | Data Release Frequency: Varies |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/18/2017

Source: National Response Center, United States Coast Guard

Date Data Arrived at EDR: 09/21/2017

Telephone: 202-267-2180

Date Made Active in Reports: 10/13/2017

Last EDR Contact: 01/19/2018

Number of Days to Update: 22

Next Scheduled EDR Contact: 04/09/2018

Data Release Frequency: Quarterly

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: 12/06/2017

Source: Department of Environmental Quality

Date Data Arrived at EDR: 12/26/2017

Telephone: 601-961-5666

Date Made Active in Reports: 01/17/2018

Last EDR Contact: 12/26/2017

Number of Days to Update: 22

Next Scheduled EDR Contact: 04/09/2018

Data Release Frequency: Quarterly

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: 11/10/2015

Source: Department of Environmental Quality

Date Data Arrived at EDR: 11/25/2015

Telephone: 601-961-5082

Date Made Active in Reports: 01/13/2016

Last EDR Contact: 11/22/2017

Number of Days to Update: 49

Next Scheduled EDR Contact: 03/05/2018

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: 11/15/2017

Number of Days to Update: 44

Next Scheduled EDR Contact: 03/05/2018

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: 12/22/2017

Source: Department of Environmental Quality

Date Data Arrived at EDR: 12/26/2017

Telephone: 601-961-5058

Date Made Active in Reports: 01/26/2018

Last EDR Contact: 12/26/2017

Number of Days to Update: 31

Next Scheduled EDR Contact: 04/09/2018

Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

| | |
|---|--|
| Date of Government Version: 04/14/2017 | Source: EPA Region 7 |
| Date Data Arrived at EDR: 07/27/2017 | Telephone: 913-551-7003 |
| Date Made Active in Reports: 10/06/2017 | Last EDR Contact: 01/23/2018 |
| Number of Days to Update: 71 | Next Scheduled EDR Contact: 05/07/2018 |
| | 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: 04/24/2017 | Source: EPA Region 6 |
| Date Data Arrived at EDR: 07/27/2017 | Telephone: 214-665-6597 |
| Date Made Active in Reports: 10/06/2017 | Last EDR Contact: 01/23/2018 |
| Number of Days to Update: 71 | Next Scheduled EDR Contact: 05/07/2018 |
| | 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: 10/14/2016 | Source: EPA Region 4 |
| Date Data Arrived at EDR: 01/27/2017 | Telephone: 404-562-8677 |
| Date Made Active in Reports: 05/05/2017 | Last EDR Contact: 01/19/2018 |
| Number of Days to Update: 98 | Next Scheduled EDR Contact: 05/07/2018 |
| | Data Release Frequency: Semi-Annually |

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

| | |
|---|--|
| Date of Government Version: 05/01/2017 | Source: EPA Region 8 |
| Date Data Arrived at EDR: 07/27/2017 | Telephone: 303-312-6271 |
| Date Made Active in Reports: 10/13/2017 | Last EDR Contact: 01/23/2018 |
| Number of Days to Update: 78 | Next Scheduled EDR Contact: 05/07/2018 |
| | Data Release Frequency: Varies |

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: 04/13/2017 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 07/27/2017 | Telephone: 415-972-3372 |
| Date Made Active in Reports: 10/13/2017 | Last EDR Contact: 01/23/2018 |
| Number of Days to Update: 78 | Next Scheduled EDR Contact: 05/07/2018 |
| | Data Release Frequency: Varies |

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: 04/14/2017 | Source: EPA Region 1 |
| Date Data Arrived at EDR: 07/27/2017 | Telephone: 617-918-1313 |
| Date Made Active in Reports: 10/06/2017 | Last EDR Contact: 01/23/2018 |
| Number of Days to Update: 71 | Next Scheduled EDR Contact: 05/07/2018 |
| | Data Release Frequency: Varies |

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: 04/26/2017 | Source: EPA, Region 5 |
| Date Data Arrived at EDR: 07/27/2017 | Telephone: 312-886-7439 |
| Date Made Active in Reports: 10/13/2017 | Last EDR Contact: 01/23/2018 |
| Number of Days to Update: 78 | Next Scheduled EDR Contact: 05/07/2018 |
| | Data Release Frequency: Varies |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

| | |
|---|--|
| Date of Government Version: 04/25/2017 | Source: EPA Region 10 |
| Date Data Arrived at EDR: 11/07/2017 | Telephone: 206-553-2857 |
| Date Made Active in Reports: 12/08/2017 | Last EDR Contact: 01/23/2018 |
| Number of Days to Update: 31 | Next Scheduled EDR Contact: 05/07/2018 |
| | Data Release Frequency: Varies |

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

| | |
|---|--|
| Date of Government Version: 05/15/2017 | Source: FEMA |
| Date Data Arrived at EDR: 05/30/2017 | Telephone: 202-646-5797 |
| Date Made Active in Reports: 10/13/2017 | Last EDR Contact: 01/09/2018 |
| Number of Days to Update: 136 | Next Scheduled EDR Contact: 04/23/2018 |
| | Data Release Frequency: Varies |

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: 12/22/2017 | Source: Department of Environmental Quality |
| Date Data Arrived at EDR: 12/26/2017 | Telephone: 601-961-5058 |
| Date Made Active in Reports: 01/26/2018 | Last EDR Contact: 12/26/2017 |
| Number of Days to Update: 31 | Next Scheduled EDR Contact: 04/09/2018 |
| | 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.

| | |
|---|--|
| Date of Government Version: 12/18/2017 | Source: Department of Agriculture & Commerce |
| Date Data Arrived at EDR: 12/20/2017 | Telephone: 601-359-1101 |
| Date Made Active in Reports: 01/02/2018 | Last EDR Contact: 11/20/2017 |
| Number of Days to Update: 13 | Next Scheduled EDR Contact: 03/05/2018 |
| | Data Release Frequency: Quarterly |

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: 04/24/2017 | Source: EPA Region 6 |
| Date Data Arrived at EDR: 07/27/2017 | Telephone: 214-665-7591 |
| Date Made Active in Reports: 12/08/2017 | Last EDR Contact: 01/23/2018 |
| Number of Days to Update: 134 | Next Scheduled EDR Contact: 05/07/2018 |
| | Data Release Frequency: Varies |

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: 05/02/2017 | Source: EPA Region 7 |
| Date Data Arrived at EDR: 07/27/2017 | Telephone: 913-551-7003 |
| Date Made Active in Reports: 10/06/2017 | Last EDR Contact: 01/23/2018 |
| Number of Days to Update: 71 | Next Scheduled EDR Contact: 05/07/2018 |
| | Data Release Frequency: Varies |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/01/2017 | Source: EPA Region 8 |
| Date Data Arrived at EDR: 07/27/2017 | Telephone: 303-312-6137 |
| Date Made Active in Reports: 10/13/2017 | Last EDR Contact: 01/23/2018 |
| Number of Days to Update: 78 | Next Scheduled EDR Contact: 05/07/2018 |
| | 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).

| | |
|---|--|
| Date of Government Version: 04/13/2017 | Source: EPA Region 9 |
| Date Data Arrived at EDR: 07/27/2017 | Telephone: 415-972-3368 |
| Date Made Active in Reports: 10/13/2017 | Last EDR Contact: 01/23/2018 |
| Number of Days to Update: 78 | Next Scheduled EDR Contact: 05/07/2018 |
| | Data Release Frequency: Varies |

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: 04/25/2017 | Source: EPA Region 10 |
| Date Data Arrived at EDR: 07/27/2017 | Telephone: 206-553-2857 |
| Date Made Active in Reports: 10/13/2017 | Last EDR Contact: 01/23/2018 |
| Number of Days to Update: 78 | Next Scheduled EDR Contact: 05/07/2018 |
| | 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: 04/14/2017 | Source: EPA, Region 1 |
| Date Data Arrived at EDR: 07/27/2017 | Telephone: 617-918-1313 |
| Date Made Active in Reports: 10/06/2017 | Last EDR Contact: 01/23/2018 |
| Number of Days to Update: 71 | Next Scheduled EDR Contact: 05/07/2018 |
| | Data Release Frequency: Varies |

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: 10/14/2016 | Source: EPA Region 4 |
| Date Data Arrived at EDR: 01/27/2017 | Telephone: 404-562-9424 |
| Date Made Active in Reports: 05/05/2017 | Last EDR Contact: 01/19/2018 |
| Number of Days to Update: 98 | Next Scheduled EDR Contact: 05/07/2018 |
| | 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: 04/26/2017 | Source: EPA Region 5 |
| Date Data Arrived at EDR: 07/27/2017 | Telephone: 312-886-6136 |
| Date Made Active in Reports: 10/06/2017 | Last EDR Contact: 01/23/2018 |
| Number of Days to Update: 71 | Next Scheduled EDR Contact: 05/07/2018 |
| | Data Release Frequency: Varies |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/06/2017 | Source: Department of Environmental Quality |
| Date Data Arrived at EDR: 12/26/2017 | Telephone: 601-961-5666 |
| Date Made Active in Reports: 01/17/2018 | Last EDR Contact: 12/26/2017 |
| Number of Days to Update: 22 | Next Scheduled EDR Contact: 04/09/2018 |
| | 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: 12/06/2017 | Source: Department of Environmental Quality |
| Date Data Arrived at EDR: 12/26/2017 | Telephone: 601-961-5666 |
| Date Made Active in Reports: 01/17/2018 | Last EDR Contact: 12/26/2017 |
| Number of Days to Update: 22 | Next Scheduled EDR Contact: 04/09/2018 |
| | Data Release Frequency: Quarterly |

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: 12/06/2017 | Source: Department of Environmental Quality |
| Date Data Arrived at EDR: 12/26/2017 | Telephone: 601-961-5063 |
| Date Made Active in Reports: 01/17/2018 | Last EDR Contact: 12/26/2017 |
| Number of Days to Update: 22 | Next Scheduled EDR Contact: 04/09/2018 |
| | Data Release Frequency: Quarterly |

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: 07/27/2015 | Source: EPA, Region 1 |
| Date Data Arrived at EDR: 09/29/2015 | Telephone: 617-918-1102 |
| Date Made Active in Reports: 02/18/2016 | Last EDR Contact: 12/20/2017 |
| Number of Days to Update: 142 | Next Scheduled EDR Contact: 04/09/2018 |
| | 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 |

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).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/06/2017
Date Data Arrived at EDR: 12/26/2017
Date Made Active in Reports: 01/17/2018
Number of Days to Update: 22

Source: Department of Environmental Quality
Telephone: 601-961-5666
Last EDR Contact: 12/26/2017
Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Quarterly

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: 01/19/2018
Date Data Arrived at EDR: 01/19/2018
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 04/02/2018
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

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: 11/22/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

SWTIRE: Commercial Waste Tire Haulers

A listing of commercial waste tire haulers.

Date of Government Version: 08/30/2017
Date Data Arrived at EDR: 09/01/2017
Date Made Active in Reports: 09/29/2017
Number of Days to Update: 28

Source: Department of Environmental Quality
Telephone: 601-961-5726
Last EDR Contact: 01/31/2018
Next Scheduled EDR Contact: 05/21/2018
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: 01/30/2018
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Varies

ODI: Open Dump Inventory

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/22/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 02/02/2018
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 01/19/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 16

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: No Update Planned

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.

Date of Government Version: 01/09/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 16

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: Quarterly

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: 12/11/2017
Date Data Arrived at EDR: 12/22/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 02/06/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMIRS: Hazardous Materials Information Reporting System

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

| | |
|---|---|
| Date of Government Version: 09/21/2017 | Source: U.S. Department of Transportation |
| Date Data Arrived at EDR: 09/21/2017 | Telephone: 202-366-4555 |
| Date Made Active in Reports: 10/13/2017 | Last EDR Contact: 01/19/2018 |
| Number of Days to Update: 22 | Next Scheduled EDR Contact: 04/09/2018 |
| | Data Release Frequency: Quarterly |

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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: 12/11/2017 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 12/26/2017 | Telephone: (404) 562-8651 |
| Date Made Active in Reports: 02/09/2018 | Last EDR Contact: 01/19/2018 |
| Number of Days to Update: 45 | Next Scheduled EDR Contact: 04/09/2018 |
| | Data Release Frequency: Quarterly |

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: 01/31/2015 | Source: U.S. Army Corps of Engineers |
| Date Data Arrived at EDR: 07/08/2015 | Telephone: 202-528-4285 |
| Date Made Active in Reports: 10/13/2015 | Last EDR Contact: 11/22/2017 |
| Number of Days to Update: 97 | Next Scheduled EDR Contact: 03/05/2018 |
| | 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 | Source: USGS |
| Date Data Arrived at EDR: 11/10/2006 | Telephone: 888-275-8747 |
| Date Made Active in Reports: 01/11/2007 | Last EDR Contact: 10/13/2017 |
| Number of Days to Update: 62 | Next Scheduled EDR Contact: 01/22/2018 |
| | Data Release Frequency: Semi-Annually |

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: 10/11/2017 |
| Number of Days to Update: 339 | Next Scheduled EDR Contact: 01/22/2018 |
| | Data Release Frequency: N/A |

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/17/2017
Next Scheduled EDR Contact: 02/26/2018
Data Release Frequency: Varies

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: 10/17/2017
Date Data Arrived at EDR: 11/01/2017
Date Made Active in Reports: 12/08/2017
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Quarterly

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
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 01/31/2018
Next Scheduled EDR Contact: 05/21/2018
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: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/08/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Varies

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: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/22/2017
Next Scheduled EDR Contact: 04/02/2018
Data Release Frequency: Every 4 Years

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 01/10/2018
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 2

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 01/10/2018
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Annually

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: 01/25/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Annually

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: 12/11/2017
Date Data Arrived at EDR: 12/22/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 21

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 02/06/2018
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Annually

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: 11/02/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/08/2017
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

| | |
|---|--|
| Date of Government Version: 10/25/2013 | Source: EPA |
| Date Data Arrived at EDR: 10/17/2014 | Telephone: 202-564-6023 |
| Date Made Active in Reports: 10/20/2014 | Last EDR Contact: 02/06/2018 |
| Number of Days to Update: 3 | Next Scheduled EDR Contact: 05/21/2018 |
| | 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: 06/01/2017 | Source: EPA |
| Date Data Arrived at EDR: 06/09/2017 | Telephone: 202-566-0500 |
| Date Made Active in Reports: 10/13/2017 | Last EDR Contact: 01/12/2018 |
| Number of Days to Update: 126 | Next Scheduled EDR Contact: 04/23/2018 |
| | Data Release Frequency: Annually |

ICIS: Integrated Compliance Information System

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

| | |
|---|---|
| Date of Government Version: 11/18/2016 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 11/23/2016 | Telephone: 202-564-2501 |
| Date Made Active in Reports: 02/10/2017 | Last EDR Contact: 01/09/2018 |
| Number of Days to Update: 79 | Next Scheduled EDR Contact: 04/23/2018 |
| | Data Release Frequency: Quarterly |

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 | Source: EPA/Office of Prevention, Pesticides and Toxic Substances |
| Date Data Arrived at EDR: 04/16/2009 | Telephone: 202-566-1667 |
| Date Made Active in Reports: 05/11/2009 | Last EDR Contact: 08/18/2017 |
| Number of Days to Update: 25 | Next Scheduled EDR Contact: 12/04/2017 |
| | 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 | Source: EPA |
| Date Data Arrived at EDR: 04/16/2009 | Telephone: 202-566-1667 |
| Date Made Active in Reports: 05/11/2009 | Last EDR Contact: 08/18/2017 |
| Number of Days to Update: 25 | Next Scheduled EDR Contact: 12/04/2017 |
| | Data Release Frequency: Quarterly |

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: 08/30/2016 | Source: Nuclear Regulatory Commission |
| Date Data Arrived at EDR: 09/08/2016 | Telephone: 301-415-7169 |
| Date Made Active in Reports: 10/21/2016 | Last EDR Contact: 01/19/2018 |
| Number of Days to Update: 43 | Next Scheduled EDR Contact: 05/21/2018 |
| | Data Release Frequency: Quarterly |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant 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: 12/05/2017 |
| Number of Days to Update: 76 | Next Scheduled EDR Contact: 03/19/2018 |
| | Data Release Frequency: Varies |

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: 07/01/2014 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 09/10/2014 | Telephone: N/A |
| Date Made Active in Reports: 10/20/2014 | Last EDR Contact: 12/08/2017 |
| Number of Days to Update: 40 | Next Scheduled EDR Contact: 03/19/2018 |
| | 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: 05/24/2017 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 11/30/2017 | Telephone: 202-566-0517 |
| Date Made Active in Reports: 12/15/2017 | Last EDR Contact: 01/26/2018 |
| Number of Days to Update: 15 | Next Scheduled EDR Contact: 05/07/2018 |
| | Data Release Frequency: Varies |

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: 10/02/2017 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 10/05/2017 | Telephone: 202-343-9775 |
| Date Made Active in Reports: 10/13/2017 | Last EDR Contact: 01/04/2018 |
| Number of Days to Update: 8 | Next Scheduled EDR Contact: 04/16/2018 |
| | Data Release Frequency: Quarterly |

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

| | |
|---|---|
| Date of Government Version: 10/19/2006 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 03/01/2007 | Telephone: 202-564-2501 |
| Date Made Active in Reports: 04/10/2007 | Last EDR Contact: 12/17/2007 |
| Number of Days to Update: 40 | 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.

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: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

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: 01/19/2018
Next Scheduled EDR Contact: 05/14/2018
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: 09/30/2017
Date Data Arrived at EDR: 11/10/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 63

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/04/2018
Next Scheduled EDR Contact: 04/02/2018
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.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/20/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Biennially

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: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/09/2018
Next Scheduled EDR Contact: 04/23/2018
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 12/23/2016
Date Data Arrived at EDR: 12/27/2016
Date Made Active in Reports: 02/17/2017
Number of Days to Update: 52

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Varies

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/22/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 10/10/2017
Date Data Arrived at EDR: 11/03/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 02/06/2018
Next Scheduled EDR Contact: 05/21/2018
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: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

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: 10/29/2017
Date Data Arrived at EDR: 11/28/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 45

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/28/2017
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

| | |
|---|--|
| Date of Government Version: 12/05/2005 | Source: USGS |
| Date Data Arrived at EDR: 02/29/2008 | Telephone: 703-648-7709 |
| Date Made Active in Reports: 04/18/2008 | Last EDR Contact: 12/01/2017 |
| Number of Days to Update: 49 | Next Scheduled EDR Contact: 03/12/2018 |
| | Data Release Frequency: Varies |

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

| | |
|---|--|
| Date of Government Version: 04/14/2011 | Source: USGS |
| Date Data Arrived at EDR: 06/08/2011 | Telephone: 703-648-7709 |
| Date Made Active in Reports: 09/13/2011 | Last EDR Contact: 12/01/2017 |
| Number of Days to Update: 97 | Next Scheduled EDR Contact: 03/12/2018 |
| | Data Release Frequency: Varies |

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

| | |
|---|--|
| Date of Government Version: 09/25/2017 | Source: Department of Interior |
| Date Data Arrived at EDR: 09/26/2017 | Telephone: 202-208-2609 |
| Date Made Active in Reports: 10/20/2017 | Last EDR Contact: 12/19/2017 |
| Number of Days to Update: 24 | Next Scheduled EDR Contact: 03/26/2018 |
| | 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: 07/23/2017 | Source: EPA |
| Date Data Arrived at EDR: 09/06/2017 | Telephone: (404) 562-9900 |
| Date Made Active in Reports: 09/15/2017 | Last EDR Contact: 01/19/2018 |
| Number of Days to Update: 9 | Next Scheduled EDR Contact: 03/19/2018 |
| | Data Release Frequency: Quarterly |

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

| | |
|---|---|
| Date of Government Version: 06/27/2017 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 11/21/2017 | Telephone: 202-564-0527 |
| Date Made Active in Reports: 01/12/2018 | Last EDR Contact: 01/19/2018 |
| Number of Days to Update: 52 | Next Scheduled EDR Contact: 03/12/2018 |
| | Data Release Frequency: Varies |

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

| | |
|---|--|
| Date of Government Version: 09/30/2016 | Source: Department of Defense |
| Date Data Arrived at EDR: 10/31/2017 | Telephone: 703-704-1564 |
| Date Made Active in Reports: 01/12/2018 | Last EDR Contact: 01/02/2018 |
| Number of Days to Update: 73 | Next Scheduled EDR Contact: 04/30/2018 |
| | Data Release Frequency: Varies |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

| | |
|---|---|
| Date of Government Version: 09/02/2017 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 09/06/2017 | Telephone: 202-564-2280 |
| Date Made Active in Reports: 10/20/2017 | Last EDR Contact: 01/19/2018 |
| Number of Days to Update: 44 | Next Scheduled EDR Contact: 03/19/2018 |
| | Data Release Frequency: Quarterly |

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

| | |
|---|--|
| Date of Government Version: 11/20/2017 | Source: EPA |
| Date Data Arrived at EDR: 11/20/2017 | Telephone: 800-385-6164 |
| Date Made Active in Reports: 01/12/2018 | Last EDR Contact: 01/19/2018 |
| Number of Days to Update: 53 | Next Scheduled EDR Contact: 03/05/2018 |
| | Data Release Frequency: Quarterly |

AIRS: Air Quality Information Listing

Air emissions information.

| | |
|---|---|
| Date of Government Version: 12/31/2016 | Source: Department of Environmental Quality |
| Date Data Arrived at EDR: 01/05/2018 | Telephone: 601-961-5276 |
| Date Made Active in Reports: 01/26/2018 | Last EDR Contact: 11/15/2017 |
| Number of Days to Update: 21 | Next Scheduled EDR Contact: 03/05/2018 |
| | Data Release Frequency: Annually |

ASBESTOS: Asbestos Project Listing

A listing of Air Division Asbestos Branch projects.

| | |
|---|---|
| Date of Government Version: 08/08/2017 | Source: Department of Environmental Quality |
| Date Data Arrived at EDR: 08/11/2017 | Telephone: 601-961-5611 |
| Date Made Active in Reports: 09/29/2017 | Last EDR Contact: 12/21/2017 |
| Number of Days to Update: 49 | Next Scheduled EDR Contact: 04/09/2018 |
| | Data Release Frequency: Varies |

DRYCLEANERS: Drycleaner Facilities Listing

A listing of drycleaner facilities.

| | |
|---|---|
| Date of Government Version: 04/11/2017 | Source: Department of Environmental Quality |
| Date Data Arrived at EDR: 05/19/2017 | Telephone: 601-961-5670 |
| Date Made Active in Reports: 10/20/2017 | Last EDR Contact: 02/09/2018 |
| Number of Days to Update: 154 | Next Scheduled EDR Contact: 05/28/2018 |
| | Data Release Frequency: Varies |

NPDES: Industrial & Municipal NPDES Facilities

Water discharge permit data.

| | |
|---|---|
| Date of Government Version: 11/09/2017 | Source: Department of Environmental Quality |
| Date Data Arrived at EDR: 11/10/2017 | Telephone: 601-961-5666 |
| Date Made Active in Reports: 01/02/2018 | Last EDR Contact: 02/09/2018 |
| Number of Days to Update: 53 | Next Scheduled EDR Contact: 05/28/2018 |
| | Data Release Frequency: Varies |

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/09/2017
Date Data Arrived at EDR: 11/10/2017
Date Made Active in Reports: 01/02/2018
Number of Days to Update: 53

Source: The Office of Pollution Control
Telephone: 601-961-5670
Last EDR Contact: 02/09/2018
Next Scheduled EDR Contact: 05/28/2018
Data Release Frequency: Varies

UIC: UIC Information

A listing of underground injection control wells.

Date of Government Version: 11/17/2017
Date Data Arrived at EDR: 11/20/2017
Date Made Active in Reports: 01/03/2018
Number of Days to Update: 44

Source: State Oil & Gas Board
Telephone: 601-576-4923
Last EDR Contact: 11/15/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Semi-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 Hist Auto: EDR Exclusive Historical Auto 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.

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 Hist Cleaner: EDR Exclusive Historical 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.

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 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

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: 10/01/2017
Date Data Arrived at EDR: 11/01/2017
Date Made Active in Reports: 11/13/2017
Number of Days to Update: 12

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 01/31/2018
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016

Date Data Arrived at EDR: 07/25/2017

Date Made Active in Reports: 09/25/2017

Number of Days to Update: 62

Source: Department of Environmental Protection

Telephone: 717-783-8990

Last EDR Contact: 01/16/2018

Next Scheduled EDR Contact: 04/30/2018

Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation

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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

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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.

State Wetlands Data: Wetland Inventory
Source: US Fish & Wildlife Service
Telephone: 703-358-2171

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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Appendix 9.6
MDEQ File Review Records

KK TRUCKING, INC.

422 Pollard Road
Carthage, MS 39051

Leake

FEB 18 1999

February 15, 1999

Received

FEB 18 1999

Mr. J.Dewayne Headrick
MS Dept. Of Enviromental Quaility
P O Box 10385
Jackson, MS 39289

FILE COPY

Dear Mr. Headrick,

This is a follow-up of your visit last September and your letter dated February 1. In response to the open burning at my company; I now rent a dumpster from Waste Management and the trash is collected weekly. There is no longer any open burning at my facility.

In reference to my truck washing station, I have answered "NO" to all the questions on Form 1 that you sent me. (See attached.) The station is located in the northeast corner of my lot. Pollard Creek runs along the northeast line of my property. There is some run-off there, but it is not on a daily basis. Trucks and trailers are washed only when necessary with soap and water. This may be only once or twice a week, weather permitting.

I want to be in compliance with any regulation I need to be and am open to any reasonable suggestion should an alternative solution be found necessary to control this run-off.

Respectfully,



Tim Coghlan
President

TC/rc



STATE OF MISSISSIPPI
DEPARTMENT OF ENVIRONMENTAL QUALITY
JAMES I. PALMER, JR.
EXECUTIVE DIRECTOR

July 18, 1996

Mr. Murrill Triplett
Route 8 Box 329
Carthage, MS 39051

Dear Mr. Triplett:

**RE: Underground Storage Tanks (USTs)
 25/35 Chevron
 Hwy 25 North
 Carthage, MS
 Facility I. D. # 10622**

The Office of Pollution Control (OPC) has reviewed the monthly monitoring well records, dated July 16, 1996, for the above referenced facility. After reviewing the information received on this facility, and considering that no free product has been detected in the leak detection wells for the past six months, no further action will be required at this time to assess or remediate this facility.

To remain eligible to participate in the Mississippi Groundwater Protection Trust Fund, you must maintain compliance with all regulatory requirements, such as leak detection, spill/overflow prevention, corrosion protection, and annual tank fees. **Please remember, if greater than 1/8th inch of product is noted in a leak detection well, or if there are any irregular vapor readings, inventory readings, or tank or line tightness test results, you must notify this office immediately.**

We appreciate your cooperation and assistance in this matter. If you have any questions or comments, please contact our office at (601) 961-5120.

Sincerely,

A handwritten signature in cursive script that reads "Heather Smith".

Heather Smith
UST Branch

cc: Harold Ming, Sanders Oil Company
 Martha Martin, OPC



SOCO

Sanders Oil Company

1000 West Main Street • P. O. Box 70
Louisville, Mississippi 39339
Telephone 773-4234
Fax 773-2822



June 17, 1996

Heather Smith
Department of Environmental Quality
Office of Pollution Control
P. O. Box 10385
Jackson, MS 39266-0385

RECEIVED
JUN 19 1996
Dept. of Environmental Quality
Office of Pollution Control

Dear Ms. Smith:

This letter is in regards to a follow-up on Mrs. Murrill Triplett, Carthage, MS, Facility I. D. #10622.

Enclosed you will find a copy of the monitoring well report for the month of June 1996. As you can see by the report, there continues to be no product visible. We will continue to send you these reports until we hear otherwise from you.

If you have any question concerning this matter, please do not hesitate to contact me. Thank you for your help in this matter.

Sincerely,


Harold Ming
Sanders Oil Company

HM/ikt

Enclosure

Record of Phone Conversation

| | |
|---|--|
| Name of Party | Ken Mills |
| Company | Sanders Oil |
| Phone Number | 1-800-844-4234 |
| <input checked="" type="checkbox"/> Party contacted me Shannon | <input type="checkbox"/> I contacted the party |

Shannon told me :

① Not diesel leak - found problem on premium line leak detector.

② Based on their inventory records they have only lost 130 gallons.

A Cochran
Signature

9/29/95
Date

Facility I.D. # 10622

Record of Phone Conversation

| | |
|---|---|
| Name of Party | Ken Mills |
| Company | Sanders Oil |
| Phone Number | 1-800-844-4234 |
| <input type="checkbox"/> Party contacted me | <input checked="" type="checkbox"/> I contacted the party |

Diesel line passed tightness test.

Found broken line leak detector on (premium) line. Repaired.

They have already bailed 2 gallons out of one tank bed well. Other wells are clear.

Harold Mung is ~~is~~ going back today & will call me with a report.

Heather D Cochran
Signature

9/29/95
Date



STATE OF MISSISSIPPI
DEPARTMENT OF ENVIRONMENTAL QUALITY
JAMES I. PALMER, JR.
EXECUTIVE DIRECTOR

FILE

October 10, 1995

Mr. Murrill Triplett
Route 8 Box 329
Carthage, MS 39051

Dear Mr. Triplett:

RE: Underground Storage Tanks (USTs)
25/35 Chevron
Hwy 25 North
Carthage, MS
Facility I. D. # 10622

The Office of Pollution Control (OPC) has received your verbal report of a release at the above referenced facility. In addition, the OPC has talked with Mr. Harold Ming, of Sanders Oil Company, who indicated that the problem was a broken line leak detector that has since been repaired.

On October 3, 1995, the OPC met with Mr. Ming at this facility to check the monitoring wells and to discuss further action. At that time it was determined that Sanders Oil would bail the wells for the rest of the month and recover and dispose of any free product that returned to the well.

By **November 6, 1995**, please provide our office with a copy of the bailing records for the month of October at this facility. If greater than 1/8 inch of free product continues to return to your well(s) after the month of bailing, please install an absorbent sock in the well(s) with free product. The sock(s) should be installed for two weeks, then removed and monthly monitoring continued. If the free product returns during the next check, clean socks should be installed and the process repeated.

We appreciate your cooperation and assistance in this matter. If you have any questions, please call me at (601) 961-5120.

Sincerely,

Heather Cochran
Heather Cochran

UST Branch

cc: Harold Ming, Sanders Oil
Martha Martin, OPC



STATE OF MISSISSIPPI
PHIL BRYANT
GOVERNOR

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
TRUDY D. FISHER, EXECUTIVE DIRECTOR

October 8, 2012

MURRILL TRIPLETT
245 HIGHWAY 25 NORTH
CARTHAGE, MS 39051

Re: Notification of Delivery Prohibition

Facility ID #10622, 25/35 Chevron, 245 Highway 25 North, Carthage

Murrill Triplett:

The Department of Environmental Quality has determined that the above referenced underground storage tank (UST) facility has been designated as ineligible to receive delivery of product due to continued non-compliance with the UST rules and regulations. Although we have contacted you on several occasions recently regarding this matter, we regret that we have been unable to satisfactorily resolve this matter.

This letter will serve as formal notification that delivery of product to these UST's is prohibited. If it is determined that a delivery has occurred, both the tank owner and the entity making the delivery are subject to penalties of up to \$25,000 per day per violation.

In order for deliveries to resume, you must demonstrate to us that the USTs have returned to compliance and satisfactorily resolve any enforcement matters that may be outstanding as a result of your continued non-compliance.

Please do not hesitate to contact me at 601-961-5052 should you have any questions. You may also fax any necessary correspondence to my attention at 601-961-5093.

Sincerely,

A handwritten signature in blue ink, appearing to read "Mike Pigford".

Mike Pigford
UST BRANCH

OFFICE OF POLLUTION CONTROL

Appendix 9.7
Site Records

NRCS Custom Soil Resource Report



United States
Department of
Agriculture

NRCS

Natural
Resources
Conservation
Service

A product of the National
Cooperative Soil Survey,
a joint effort of the United
States Department of
Agriculture and other
Federal agencies, State
agencies including the
Agricultural Experiment
Stations, and local
participants

Custom Soil Resource Report for **Leake County, Mississippi**

Leake Co. 28.6 acre T003



Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (<http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/>) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (<https://offices.sc.egov.usda.gov/locator/app?agency=nrcs>) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD). To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410 or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

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How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

Custom Soil Resource Report

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

Custom Soil Resource Report

identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

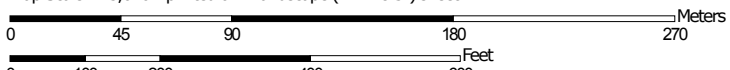
Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

Custom Soil Resource Report Soil Map




Map Scale: 1:3,070 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 16N WGS84

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)




















Soils







 Soil Map Unit Polygons

 Soil Map Unit Lines


 Soil Map Unit Points

Special Point Features






-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot

-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features

Water Features

 Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL:
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Leake County, Mississippi
 Survey Area Data: Version 13, Oct 8, 2017

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jun 22, 2015—Mar 20, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

| Map Unit Symbol | Map Unit Name | Acres in AOI | Percent of AOI |
|------------------------------------|--|--------------|----------------|
| OrC | Ora fine sandy loam, 5 to 8 percent slopes, eroded | 8.6 | 31.6% |
| RK | Rosebloom and Arkabutla soils, frequently flooded | 3.4 | 12.4% |
| SmD2 | Smithdale fine sandy loam, 8 to 15 percent slopes, eroded | 9.8 | 36.0% |
| SmF2 | Smithdale fine sandy loam, 15 to 35 percent slopes, eroded | 5.5 | 20.0% |
| Totals for Area of Interest | | 27.3 | 100.0% |

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

Custom Soil Resource Report

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Leake County, Mississippi

OrC—Ora fine sandy loam, 5 to 8 percent slopes, eroded

Map Unit Setting

National map unit symbol: 2shsg

Elevation: 20 to 500 feet

Mean annual precipitation: 57 to 69 inches

Mean annual air temperature: 61 to 70 degrees F

Frost-free period: 215 to 270 days

Farmland classification: Farmland of statewide importance

Map Unit Composition

Ora and similar soils: 90 percent

Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Ora

Setting

Landform: Hillslopes

Landform position (two-dimensional): Backslope

Landform position (three-dimensional): Side slope

Down-slope shape: Linear

Across-slope shape: Convex

Parent material: Fine-loamy marine deposits derived from sedimentary rock

Typical profile

Ap - 0 to 5 inches: fine sandy loam

E - 5 to 10 inches: fine sandy loam

Bt - 10 to 24 inches: sandy clay loam

Btx - 24 to 58 inches: sandy clay loam

C - 58 to 80 inches: sandy clay loam

Properties and qualities

Slope: 5 to 8 percent

Depth to restrictive feature: 20 to 30 inches to fragipan

Natural drainage class: Moderately well drained

Runoff class: Medium

Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 in/hr)

Depth to water table: About 18 to 24 inches

Frequency of flooding: None

Frequency of ponding: None

Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Available water storage in profile: Low (about 4.0 inches)

Interpretive groups

Land capability classification (irrigated): 3e

Land capability classification (nonirrigated): 3e

Hydrologic Soil Group: C/D

Hydric soil rating: No

Minor Components

Ruston

Percent of map unit: 5 percent
Landform: Ridges
Landform position (two-dimensional): Summit
Landform position (three-dimensional): Interfluve
Down-slope shape: Linear
Across-slope shape: Convex
Hydric soil rating: No

Savannah

Percent of map unit: 5 percent
Landform: Terraces
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Riser
Down-slope shape: Linear
Across-slope shape: Concave
Ecological site: Clayey Upland (F133BY903TX)
Hydric soil rating: No

RK—Rosebloom and Arkabutla soils, frequently flooded

Map Unit Setting

National map unit symbol: c5hp
Mean annual precipitation: 53 to 62 inches
Mean annual air temperature: 61 to 66 degrees F
Frost-free period: 250 to 310 days
Farmland classification: Not prime farmland

Map Unit Composition

Rosebloom and similar soils: 60 percent
Arkabutla and similar soils: 33 percent
Minor components: 7 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Rosebloom

Setting

Landform: Flood plains
Landform position (three-dimensional): Tread, dip
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Silty alluvium deposits

Typical profile

H1 - 0 to 8 inches: silt loam
H2 - 8 to 48 inches: silty clay loam

Custom Soil Resource Report

Properties and qualities

Slope: 0 to 1 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Poorly drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: About 0 inches
Frequency of flooding: Frequent
Frequency of ponding: None
Available water storage in profile: High (about 10.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 5w
Hydrologic Soil Group: B/D
Hydric soil rating: Yes

Description of Arkabutla

Setting

Landform: Flood plains
Landform position (three-dimensional): Dip
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Silty alluvium deposits

Typical profile

H1 - 0 to 18 inches: silt loam
H2 - 18 to 55 inches: silty clay loam

Properties and qualities

Slope: 0 to 1 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Somewhat poorly drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: About 0 inches
Frequency of flooding: Frequent
Frequency of ponding: None
Available water storage in profile: High (about 11.2 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 4w
Hydrologic Soil Group: B/D
Hydric soil rating: Yes

Minor Components

Kirkville

Percent of map unit: 7 percent
Landform: Flood plains
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear

Hydric soil rating: Yes

SmD2—Smithdale fine sandy loam, 8 to 15 percent slopes, eroded

Map Unit Setting

National map unit symbol: c5gm

Mean annual precipitation: 53 to 62 inches

Mean annual air temperature: 61 to 66 degrees F

Frost-free period: 250 to 310 days

Farmland classification: Farmland of statewide importance

Map Unit Composition

Smithdale and similar soils: 90 percent

Minor components: 5 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Smithdale

Setting

Landform: Hillslopes

Landform position (two-dimensional): Backslope

Landform position (three-dimensional): Side slope

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Loamy fluviomarine deposits

Typical profile

H1 - 0 to 10 inches: fine sandy loam

H2 - 10 to 35 inches: sandy clay loam

H3 - 35 to 80 inches: sandy loam

Properties and qualities

Slope: 8 to 12 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Well drained

Runoff class: Medium

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Available water storage in profile: High (about 9.2 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 4e

Hydrologic Soil Group: B

Hydric soil rating: No

Minor Components

Bibb

Percent of map unit: 5 percent
Landform: Drainageways
Landform position (three-dimensional): Dip
Down-slope shape: Linear
Across-slope shape: Linear
Hydric soil rating: Yes

SmF2—Smithdale fine sandy loam, 15 to 35 percent slopes, eroded

Map Unit Setting

National map unit symbol: 2tjkt
Elevation: 50 to 490 feet
Mean annual precipitation: 55 to 68 inches
Mean annual air temperature: 59 to 66 degrees F
Frost-free period: 230 to 260 days
Farmland classification: Not prime farmland

Map Unit Composition

Smithdale and similar soils: 85 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Smithdale

Setting

Landform: Hillslopes
Landform position (two-dimensional): Backslope
Landform position (three-dimensional): Side slope
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Fine-loamy marine deposits derived from sedimentary rock

Typical profile

A - 0 to 5 inches: fine sandy loam
E - 5 to 10 inches: fine sandy loam
B/E - 10 to 14 inches: fine sandy loam
Bt1 - 14 to 35 inches: sandy clay loam
Bt2 - 35 to 80 inches: sandy loam

Properties and qualities

Slope: 15 to 35 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches

Custom Soil Resource Report

Frequency of flooding: None
Frequency of ponding: None
Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Available water storage in profile: High (about 9.2 inches)

Interpretive groups

Land capability classification (irrigated): 7e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Hydric soil rating: No

Minor Components

Sweatman

Percent of map unit: 10 percent
Landform: Hillslopes
Landform position (two-dimensional): Backslope
Landform position (three-dimensional): Side slope
Down-slope shape: Linear
Across-slope shape: Linear
Hydric soil rating: No

Bibb

Percent of map unit: 5 percent
Landform: Flood plains
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Concave
Hydric soil rating: Yes

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Custom Soil Resource Report

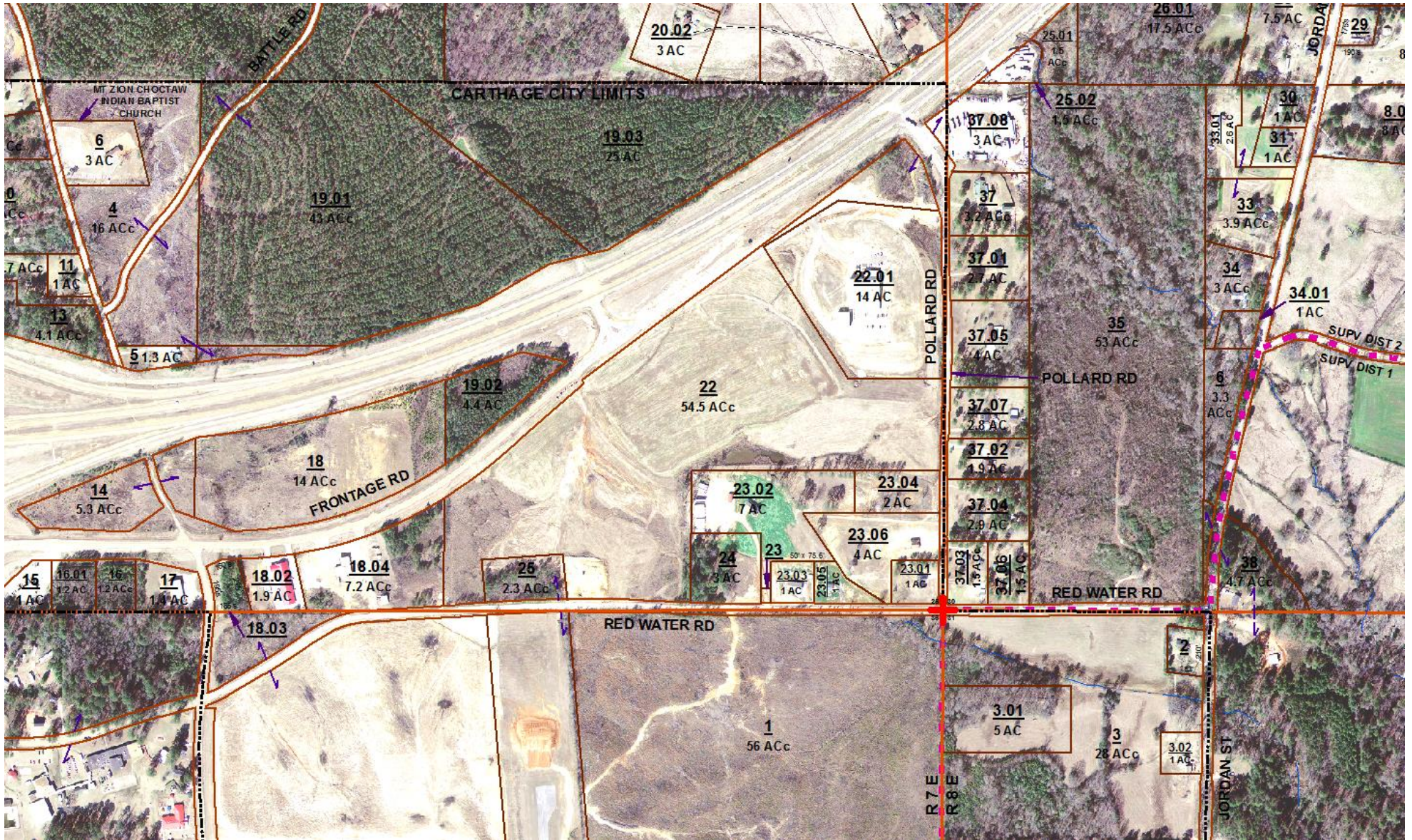
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**Tax Assessor's Map
and
Landroll Maintenance Report**

LEAKE COUNTY TAX ASSESSOR'S MAP
LEAKE COUNTY BUSINESS PARK AND SURROUNDING AREA
HIGHWAY 25 FRONTAGE ROAD, CARTHAGE, MISSISSIPPI



Parcel 22 54.5-Acres

LRMLND01 TAXCY LANDROLL MAINTENANCE LRWLND97/M5
LEAKE COUNTY ECONOMIC DEVELOPMENT Parcel 052250022 PPIN 4067
Alt Par
P O BOX 72 Exempt Code 15 JD 0 Tax District 2310
Subdivision

CARTHAGE MS 39051 Neighborhood Map 052 Rule 6
St Addr

Sect/Twn/Rng 25 11 7 Blk

Cls C-Acres C-Value U-Acres U-Value T-Acres Improved True Assessed

1
2 54.50 54.50
54.50 54.50

Homestead Type Reg 100 DAV Map Row Acres
Mtg Group Eligible Cls 1 N (Y/N)

New Value Added F-Fire O-Override Last Deed Bk 262 Pg 555

Drainage Code Benefit Price Total Last Deed Date 2 11 2002 Typ
Current 2015 Yr Roll: Page Line
L County 1988 2
B City

Levee Benefits X = Use1 Use2 School
Added 11 / 5 / 2007 by CONVERSION Changed 7 / 14 / 2016 by HEATHER

F24-EXIT
F3 next record F4-Legal F5-Addendum F6-DBP References F7-Flags F13-Paperlink

9.8 Special Contractual Conditions

Special Contractual Conditions

**Pickering has been given no Special Contractual Conditions
pertaining to the Property or this Assessment.**

Appendix 9.9
Qualification(s) of the Environmental Professional(s)



J. Sid Thompson, RPG
Senior Geologist

Years of Experience: 35

Education

B.S./1984/Geology/University of Southern Mississippi, Hattiesburg, MS
M.S./1996/Geology/University of Texas, Arlington, TX

Registrations/Certifications

Registered Professional Geologist (Mississippi and Arkansas)
Certified in Hazardous Materials Management (CHMM)
Certified in Hazardous Waste Operations (HAZWOPER)
Certified Wetland Delineator
Certified Asbestos Inspector

Mr. Thompson has an extensive background in the environmental industry which began while working as a Geophysicist with Sun Oil Company in Dallas, Texas, performing Environmental Geo-Hazard studies utilizing side-scan sonar, seismic, and magnetometer surveys of bottom sediments and ecosystems in the Gulf of Mexico for the U.S. Minerals Management Service. After leaving the oil industry in 1992, Mr. Thompson has diversified his environmental experience with an emphasis on contamination assessment, site remediation/cleanup, environmental permitting, asbestos inspection and wetland delineation, and has performed various geological evaluations, including mine subsidence, sinkhole hazard, aquifer recharge and landfill studies in several states. Mr. Thompson worked on various projects for the Environmental Protection Agency, the Texas Department of Transportation, the Army Corps of Engineers, Dallas Area Rapid Transit, the City of Dallas, and various other municipalities in Texas prior to moving back to his home state of Mississippi in 1997.

Project Experience:

• **Mississippi Department of Environmental Quality, Jackson, Mississippi**

Project Manager and Field Coordinator on numerous MDEQ contaminated sites throughout Mississippi, with extensive background in UST assessment, monitoring, remediation, and site-closure. Developed monitoring well construction plans, supervised drilling and construction of monitoring wells, conducted soil and ground-water sampling, prepared various technical reports submitted to MDEQ, managed remediation system installation, operation and maintenance, NPDES/POTW permitting, discharge reporting, tri-annual sampling, remediation system closure/removal and supervised numerous excavation remediation projects.

• **Mississippi Department of Transportation, Jackson, Mississippi**

Project Manager and Field Coordinator for Contamination Assessments and Corrective Actions at numerous MDOT sites throughout Mississippi. Developed assessment and well construction plans, supervised drilling and construction of monitoring wells, conducted soil and ground-water sampling, supervised excavation remediation projects prior to road construction, performed asbestos inspections, prepared technical reports and submitted recommendations.

- **Various Cellular Companies (Cingular, Cellular South, Nextel, Lucent, Verizon, WFI, etc.), Mississippi, Louisiana, Texas and Alabama**

Project Coordinator for over 100 NEPA Cultural Resource and Compliance Surveys, responsible for all phases of assessment, including Phase I Environmental Site Assessments (ESA's), assessment of threatened and endangered species, floodplains, historical resources, preparation of Environmental Assessments, and performing wetland delineations for USACOE and archaeological surveys for SHPO and THPO submittals/clearances.

- **Various Lending Institutions and Attorneys, Southeastern U.S.**

Performed over 1,000 Phase I ESA's for real-estate transactions, often in conjunction with asbestos inspections and/or geotechnical evaluations. Also responsible for design and implementation of Phase II ESA's (Subsurface Assessments) if contamination was identified during the Phase I ESA.

- **Walgreen's Drug Store, Devereaux Drive, Natchez, MS**

Project Manager over Phase I and Phase II Environmental Assessments of former automobile dealership for a proposed Walgreen's Drug Store. Supervised removal of four UST's previously "closed in place" by the MDEQ and identified petroleum contamination beneath the UST's and several busted hydraulic lifts at the site. Supervised vacuuming and disposal of liquid contents of the UST's and hydraulic lifts and supervised soil excavation of areas impacted by the releases. Conducted confirmation sampling for disposal of the UST's and contaminated soil at the nearby landfill facility and prepared all necessary manifests, permits and site closure documentation.

- **McFerrin Grocery Site, Mantachie, Mississippi**

Performed Phase I and Phase II Assessments on gasoline contaminated historical service station site that was found to have over three vertical feet of free-product (gasoline) in a 150-foot diameter plume beneath the site. Developed and managed remedial action plan and remediation system design. Supervised remediation system installation and managed system operation and maintenance, with cleanup accomplished in less than three years to receive closure from MDEQ.

- **Southern Tire Center, Raleigh, Mississippi**

Performed Initial Phase I and Phase II Assessments on gasoline contaminated service station site found to have over three vertical feet of free-product in a plume over 200-feet in diameter that extended off-site. Developed and managed remedial action plan and remediation system design, supervised system installation and managed system operation and maintenance until site closure.

- **Port Gibson Service Station, Port Gibson, Mississippi**

Performed Phase I Assessment on gasoline contaminated former service station site. Developed and managed remedial action plan and supervised excavation remediation, disposal of contaminated soils and site restoration. Obtained "no further action" site closure from MDEQ.

- **U.S. Army Corps of Engineers, Fort Worth, Texas District**

Project Geologist for Initial Environmental Assessment of 30,000 acre Lower Trinity River levee development and flood-control project in Dallas, Texas. Responsible for identification of former industrial and municipal waste disposal and landfill sites. Developed subsurface exploration program to assess contamination from identified sites throughout the project area.

- **City of Dallas and Dallas Area Rapid Transit (DART), Dallas, Texas**

Project Manager for Environmental Assessments of City's Wastewater Treatment Plant expansion project and various other city project sites, and numerous properties identified for acquisition and railway expansion by DART. Conducted Phase I ESA's of individual properties and asbestos inspections of structures associated with these projects for the City of Dallas and DART.

Appendix 9.10
Phase I ESA User Questionnaire

**USER QUESTIONNAIRE
PHASE I ENVIRONMENTAL SITE ASSESSMENT
ASTM E 1527-13**

SITE NAME: LCIP - Ready Site DATE: 2/16/18

USER NAME: _____ SIGNATURE: Mala Bunn
Executive Director

In order to qualify for one of the *Landowner Liability Protections (LLPs)*¹⁸⁷ offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "*Brownfields Amendments*"),¹⁸⁸ the user must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31. These inquiries must also be conducted by EPA Brownfield Assessment and Characterization grantees. The user should provide the following information to the *environmental professional*. Failure to conduct these inquiries could result in a determination that "*all appropriate inquiries*" is not complete.

(1.) Environmental liens that are filed or recorded against the property (40 CFR 312.25).
Did a search of *recorded land title records* (or judicial records where appropriate) identify any environmental liens filed or recorded against the *property* under federal, tribal, state or local law?

None

(2.) Activity and use limitations that are in place on the property or that have been filed or recorded against the property (40 CFR 312.26(a)(1)(v) and vi)).
Did a search of *recorded land title records* (or judicial records where appropriate) identify and AULs, such as *engineering controls*, land use restrictions or *institutional controls* that are in place at the *property* and/or have been filed or recorded against the *property* under federal, tribal, state or local law?

None

(3.) Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.29).
Do you have any specialized knowledge or experience related to the *property* or nearby properties? For example, are you involved in the same line of business as the current or former *occupants* of the *property* or an *adjoining property* so that you would have specialized knowledge of the chemicals and processes used by this type of business?

Phase I ~~per~~ performed in 2016. Since that time, no activity and no fundamental changes have occurred.

There is reason to believe there has been no negative impact on the above site name.

(4.) Relationship of the purchase price to the fair market value of the *property* if it were not contaminated (40 CFR 312.29).

Does the purchase price being paid for this *property* reasonably reflect the fair market value of the *property*? If you conclude that there is a difference, have you considered whether the *lower* purchase price is because contamination is known or believed to be present at the *property*?

Yes, No difference

(5.) Commonly known or reasonably ascertainable information about the *property* (40 CFR 312.20).

Are you aware of commonly known or *reasonably ascertainable* information about the *property* that would help the *environmental professional* to identify conditions indicative of releases or threatened releases? For example,

(a) Do you know the past uses of the *property*?

Yes

(b) Do you know of specific chemicals that are present or once were present at the *property*?

None

(c) Do you know of spills or other chemical releases that have taken place at the *property*?

None

(d) Do you know of any environmental cleanups that have taken place at the *property*?

None

(6.) The degree of obviousness of the presence or likely presence of contamination at the *property*, and the ability to detect the contamination by appropriate investigations (40 CFR 312.31).

Based on your knowledge and experience related to the *property*, are there any *obvious* indicators that point to the presence or likely presence of releases at the *property*?

None

¹⁸⁷ Landowner Liability Protections, or LLPs, is the term used to describe the three types of potential defenses to Superfund liability in EPA's *Interim Guidance Regarding Criteria Landowners Must Meet in Order to Qualify for Bona Fide Prospective Purchaser, Contiguous Property Owner, or Innocent Landowner Limitations on CERCLA Liability ("Common Elements" Guide)* issued on March 6, 2003.

¹⁸⁸ P.L. 107-118.