

Exhibit CC.

AC Commercial Site Phase I Environmental Site Assessment



AC Commercial Site Phase I Environmental Site Assessment



Phase I Environmental Site Assessment



**AC Commercial Site
Ambassador Caffery Parkway
Lafayette Parish, Louisiana**

**Prepared for:
One Acadiana
807 East Saint Mary Boulevard
Lafayette, Louisiana 70503**

February 19, 2021

Prepared in General Accordance with ASTM Standard E 1527-13

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1.0 SUMMARY

Conditions in conjunction with the property and surrounding properties are identified within the environmental site assessment. These conditions are then addressed to determine whether they are suspected recognized environmental conditions (RECs) or fully meet the definition of a REC (see **Footnote 1**).

"We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527 of the **AC Commercial Site, Ambassador Caffery Parkway, Lafayette Parish, Louisiana**, the property. Any exceptions to, or deletions from, this practice are described in Section 9.0 of this report. **This assessment has revealed no evidence of RECs in connection with the property.**"

Significant Data Gaps

The following is a list of significant data gaps that were identified during the course of the environmental site assessment:

All previous occupants and owners of the subject property were not identified in the report to determine all historical uses of the subject property.

(Please also see Section 9.0 for a complete discussion on significant data gaps identified during the course of the environmental site assessment.)

Footnote 1: As defined in ASTM Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process Designation E 1527-13, *RECs* means the presence or likely presence of any *hazardous substances* or *petroleum products* in, on, or at a *property*: (1) due to any *release* to the *environment*; (2) under conditions indicative of a *release* to the *environment*; or (3) under conditions that pose a *material threat* of a future *release* to the *environment*. *De minimis* conditions are not *recognized environmental conditions*. *De minimis* means a condition that generally does not present a threat to human health or the *environment* and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. A *material threat* is a physically observable or *obvious* threat which is reasonably likely to lead to a *release* that, in the opinion of the *environmental professional*, is threatening and might result in impact to public health or the environment. *Obvious* threats are that which is plain or evident; a condition or fact that could not be ignored or overlooked by a reasonable observer while visually or physically observing the *property*.

2.0 INTRODUCTION

2.1 Purpose

As indicated by the User, the purpose of this Phase I ESA is to identify, to the extent feasible pursuant to ASTM standard E 1527-13, RECs in connection with the property. This report is intended to permit a user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability (hereinafter, the “landowner liability protections,” or “LLPs”): that is, the practice that constitutes “all appropriate inquiries into the previous ownership and uses of the property consistent with good commercial and customary practice as defined at 42 U.S.C. §9601(35)(B). This report is also intended to give the User a better understanding of environmental conditions associated with the subject property.

2.2 Detailed Scope of Services

H & H Environmental, Inc. was asked by Mr. Zach Hager (One Acadiana) to conduct a Phase I ESA for that property described in Section 3.1 of this report. A formal agreement was executed between the parties and is located in Appendix 14.7.

2.3 Significant Assumptions

No significant assumptions were made for this report.

2.4 Limitations and Exceptions

Detailed deviations or exceptions including data gaps are discussed in Section 9.0 of this report. Limitations encountered during the site reconnaissance are specifically discussed in Section 6.1 of this report. Please note that the All Appropriate Inquiry Rule requires a search for recorded environmental cleanup liens. As per agreement with the User of this report, a title search and environmental lien search were not conducted for this assessment. Any information discovered during these searches by the User was not provided to the Environmental Professional.

2.5 Special Terms and Conditions

No special contractual terms or conditions were established for this report.

2.6 User Reliance

This assessment was performed for the User using methods and procedures consistent with ASTM E 1527-13. The independent conclusions stated in this report represent the best professional judgment of the Environmental Professional based on the conditions that existed and the data available during the course of the assessment. Factual information provided by the User, Owner, Occupants, and agencies has been assumed to be correct and complete. This report may be distributed and relied upon by the User and their assigns.

3.0 SITE DESCRIPTION

3.1 Location and Legal Description

The property is located in Lafayette Parish, Louisiana and has a latitude of approximately 30° 07' 27.4" and a longitude of approximately 91° 57' 15.5". The legal description was not provided by the User; however, a site map is located in Appendix 14.2.

3.2 Site and Vicinity General Characteristics

The site is a vacant and agricultural plot of land. Further, it is surrounded by other plots of land all either vacant, wooded, agricultural, residential, or commercial with improvements located upon them such as buildings and structures.

3.3 Current Use of the Property

The subject property is currently vacant and agricultural.

3.4 Descriptions of Structures, Roads, Other Improvements on the Site (including heating/cooling system, sewage disposal, source of potable water)

The subject property currently has no developments.

3.5 Current Use of the Adjoining Properties

Direction	Use
North	Wooded
East	Roadway, residential, and commercial
South	Roadway, vacant, and agricultural
West	Vacant and agricultural

4.0 USER PROVIDED INFORMATION

4.1 Title Records

Recorded land title records reviewed for environmental liens or activity use limitations were not provided by the User.

4.2 Environmental Liens or Activity and Use Limitations

No environmental liens or use limitations, such as engineering controls, land use restrictions or institutional controls, against the property that are filed or recorded under federal, tribal, state, or local law were reported by the User. Please note that the All Appropriate Inquiry Rule requires a search for recorded environmental cleanup liens. The User did not indicate that this search was to be conducted by the environmental professional. Also, no information related to the recorded environmental cleanup lien search was provided to the environmental professional other than indicated in the User Questionnaire provided in Appendix 14.6.

4.3 Specialized Knowledge

The User reported no specialized knowledge or experience that is material to RECs in connection with the property or nearby properties.

4.4 Commonly Known or Reasonably Ascertainable Information

The User reported no awareness of any commonly known or reasonably ascertainable information within the local community about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases.

4.5 Valuation Reduction for Environmental Issues

No Property valuation reduction related to environmental issues or concerns was reported by the User and the purchase price of the property reflects fair market value.

4.6 Owner, User, Manager, and Occupant Information

Classification	Name & Contact Information
Owner (representative)/ Key Site Manager	Cagan Management Group, Inc. - Bryan Cagan 3856 Oakton Street Skokie, IL 60076 bryan@cagan.com
User	One Acadiana - Zach Hager-Director, Business Development 807 E St. Mary Blvd. Lafayette, LA 70503 Office: (337) 408-3669/Cell: (337) 849-4997
Occupant	Not Applicable

5.0 RECORDS REVIEW

The purpose of the records review is to obtain and review records that will help identify RECs in connection with the property.

5.1 Standard Environmental Record Sources

Documentation of the standard environmental record search is contained in Appendix 14.5. The record search found the following environmental sources within the approximate minimum search distance. The sources were reviewed to determine if a recognized environmental condition, historical recognized environmental condition, controlled recognized environmental condition, or a de minimis condition exists at the property in connection with the listing. Please note that sites which are identified during the standard environmental record source research are listed on various databases and it is possible that the address listed is for the corporate office only and may not be the actual site of concern.

Please note that only locations identified within 0.1 miles are addressed in this section. For purposes of this report, facilities located greater than this distance from the subject property are not considered to have impacted the subject property through soil, groundwater, or vapor migration as historically hazardous substances and petroleum products rarely have contamination migrate farther than this distance. **Facilities identified in the government records search which are located greater than 0.1 miles from the subject property are identified in Appendix 14.5.**

List:	RCRANGR06		
Site Name:	Macro Oil Co., Inc.	Distance:	0.077 miles
Address:	510 Hardware Road	Direction:	ENE
City, State:	Broussard, LA 70518	Elevation:	34 feet (higher)
Comments:	This site is listed in the RCRA information system as a non-generator of hazardous waste. No evidence was discovered through the records research, interviews, or visual inspection to indicate that any petroleum products or hazardous substance was ever spilled, leaked, or improperly disposed of at this location and adversely impacted the subject property; therefore, this is not considered a REC.		

5.2 Additional Environmental Record Sources

To enhance and supplement the standard environmental record sources, local records and/or additional federal, state, or tribal records shall be checked when, in the judgment of the environmental professional, such additional records (1) are reasonably ascertainable, (2) are sufficiently useful, accurate, and complete in light of the objective of the records review, and (3) are generally obtained, pursuant to local good commercial and customary practice, in initial environmental site assessments in the type of commercial real estate transaction involved. To the extent additional sources are used to supplement the Standard Environmental Record Sources, approximate minimum search distances should not be less than those specified in ASTM 1527-13. Documentation of additional environmental record sources is contained in Appendix 14.5. Any sites identified during the additional records search are addressed in Section 5.1.

5.3 Physical Setting Source(s)

A current USGS 7.5-Minute Topographic Map (or equivalent) showing the area on which the property is located shall be reviewed.

Source	Description / Identification
Current USGS 7.5 Minute Topographic Map	USGS quadrangle map (equivalent) entitled "Broussard, Youngsville, La." provided by GeoSearch
USGS and/or State Geological Survey-Groundwater Map	Not obtained for this report
USGS and/or State Geological Survey-Surficial Geologic Maps	Louisiana Geological Survey (LGS) Geologic Map of Louisiana (LA)
Soil Conservation Service Soil Maps	Not obtained for this report
Other Physical Setting Sources	Louisiana Department of Natural Resources (LDNR) SONRIS online database for water, oil, and natural gas wells.

The following table summarizes the conclusions reached after review of the above referenced physical setting sources.

Property elevation	32 feet
Property slope direction (including storm water flows)	The property appears to be generally level and slopes generally to the adjacent roadway drainage ditches, drainage ditch on the northeast portion of the site, or onto the adjacent properties.
General topography of surrounding area	Generally level
Geologic, hydrogeologic, and hydrologic description	According to the LGS Geologic Map of Louisiana, the property is located on Quaternary-aged Prairie Terraces (Map Symbol Qtp), which consists, in general, of light gray to light brown clay, sandy clay, silt, sand and some gravel. This particular area is also characterized by surficial deposits of loess, which is described, in general, as tan to reddish brown massive silt with some clay and minor amounts of very fine sand. The loess can vary from 1 to 9 meters in thickness.
Bedrock geography	Not ascertainable from sources reviewed
Flood zone	Not ascertainable from sources reviewed

5.4 Historical Use Information on the Property

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 RECs in connection with the property.

Year	Development					How ascertained
	Subject Property	North	South	East	West	
Present	Assessed as “real property”					Lafayette Parish Tax Assessor’s Office online database
2020 2019 2017 2016 2014	Agricultural and vacant	Wooded	Roadway then agricultural	Roadway, structures, and vacant	Agricultural	Aerial Photographs viewed on Google Earth
2013	Agricultural and vacant	Wooded	Roadway then agricultural	Roadway, structures, and vacant	Agricultural	Aerial Photograph provided by GeoSearch
1998	Agricultural and vacant	Wooded and agricultural	Agricultural	Roadway, structures, and vacant	Agricultural	Aerial Photograph provided by GeoSearch
1983	Vacant	Vacant	Vacant	Vacant and structures	Vacant	Topographic Map viewed on the USGS online database
1980	Agricultural and vacant	Wooded, pond, and agricultural	Agricultural	Roadway, structures, and vacant	Agricultural	Aerial Photograph provided by GeoSearch
1971 1968/69 1963 1951 1940	Agricultural	Agricultural	Agricultural	Agricultural	Agricultural	Aerial Photographs provided by GeoSearch

5.5 Historical Use Information on Adjoining Properties

Uses in the area surrounding the property shall be identified in the report, but this task is required only to the extent that this information is revealed in the course of researching the property itself. Please see Section 5.4.

6.0 SITE RECONNAISSANCE

A site visit was performed by Mr. Ben Harmon, Environmental Professional (H & H Environmental, Inc.) on Thursday, February 4, 2021. The observations noted in this Section apply to the property and surrounding property as they appeared on that day. The objective of the site reconnaissance is to obtain information indicating the likelihood of identifying RECs in connection with the property.

6.1 Methodology and Limiting Conditions

The subject property perimeter was traversed by the environmental professional in such a fashion that all exterior surface areas were visible to the eye. The following limitations were encountered during the site visit: areas covered by grass or undergrowth preventing the visual inspection of the soil could not be observed. Please note that dense vegetation covered a large portion of the subject property preventing observation other than by the dissecting drainage ditch roadway on the northeast portion of the subject property and via the eastern and southern property boundaries.

6.2 General Site Setting

(1) Current Use(s) of the Property
Requirement:
Identify current use of property (more specific information is more helpful than less detailed data). Current uses likely to involve the use, treatment, storage, disposal, or generation of hazardous substances or petroleum products shall be identified. Unoccupied occupant spaces should be noted.
Commentary:
The property is currently used as agricultural and vacant property. This use typically does involve the use, treatment, storage, disposal, or generation of hazardous substances or petroleum products. Opinions and conclusions on findings are discussed in Section 1.0 and Section 8.0.
(2) Past Use(s) of the Property
Requirement:
Identify past use of property to the extent that indications of past uses are visually and/or physically observed or are identified in the interviews or record review. Describe if they are likely to have involved the use, treatment, storage, disposal, or generation of hazardous substances or petroleum products.
Commentary:
The property appears to have been used as agricultural in the past. Agricultural use typically involves the use, treatment, storage, disposal, or generation of hazardous substances or petroleum products. Past uses of the property identified in the interviews, historical research, or records review are listed in Section 5.4, Section 7.0, Appendix 14.4, and Appendix 14.6. Opinions and conclusions on findings are discussed in Section 1.0 and Section 8.0.
(3) Current Use(s) of Adjoining Properties
Requirement:

Identify current use to the extent that current uses are visually and/or physically observed or are identified in the interviews or records review. Describe if they are likely to indicate RECs in connection with the adjoining properties or the property.

Commentary:

North: Wooded - no suspect RECs indicated
East: Roadway, residential, and commercial - no suspect RECs indicated
South: Roadway, vacant, and agricultural- no suspect RECs indicated
West: Vacant and agricultural - no suspect RECs indicated
Current uses of the property identified in the interviews, historical research, or records review are listed in Section 5.4, Section 7.0, Appendix 14.4, and Appendix 14.6. Opinions and conclusions on findings are discussed in Section 1.0 and Section 8.0.

(4) Past Use(s) of Adjoining Properties

Requirement:

Identify use to the extent that past uses are visually and/or physically observed or are identified in the interviews or records review. Describe if they are likely to indicate RECs in connection with the adjoining properties or the property.

Commentary:

No visual evidence was apparent to indicate past uses of adjoining properties. Past uses of the adjoining properties identified in the interviews, historical research, or records review are listed in Section 5.4, Section 7.0, Appendix 14.4, and Appendix 14.6. Opinions and conclusions on findings are discussed in Section 1.0 and Section 8.0.

(5) Current or Past Use(s) in the Surrounding Area

Requirement:

Identify use to the extent that such uses are visually and/or physically observed, or going to or from the property for the site visit, or are identified in the interviews or records review. Describe if they are likely to indicate RECs in connection with the adjoining properties or the property.

Commentary:

Roadways, residences, agricultural areas, pastures, and various commercial properties are located in the surrounding area and do not indicate suspect RECs in connection with the adjoining properties or the property. Past uses of the property identified in the interviews, historical research, or records review are listed in Section 5.4, Section 7.0, Appendix 14.4, and Appendix 14.6. Opinions and conclusions on findings are discussed in Section 1.0 and Section 8.0.

(6) Geologic, Hydrogeologic, Hydrologic, and Topographic Conditions

Requirement:

Note topographic conditions of the property and surrounding area to the extent visually and/or physically observed or determined from interviews as well as the general topography of the area surrounding the property that is visually and/or physically observed from the periphery of the property. If any information obtained shows there are likely to be hazardous substances or petroleum products on the property or on nearby properties and those hazardous substances or petroleum products are of a type that migrate, topographic observations shall be analyzed in connection with geologic, hydrogeologic, hydrologic, and topographic information obtained pursuant to records review and interviews to evaluate whether hazardous substances or

petroleum products are likely to migrate to the property, or within or from the property, into groundwater or soil.
Commentary:
The property appears to be generally level and slopes generally to the adjacent roadway drainage ditches, drainage ditch on the northeast portion of the site, or onto the adjacent properties. Any migration of substances onto the subject property would likely occur via the groundwater, dissecting drainage ditch, or adjoining roadway ditches. No visual evidence was discovered which might indicate a concern of such migration. Determining groundwater flow would require further investigation.
(7) General Description of Structures
Requirement:
Generally describe the structures or other improvements on the property, for example: number of buildings, number of stories each, approximate age of buildings, ancillary structures (if any), etc.
Commentary:
There are currently no structures on the subject property.
(8) Roads
Requirement:
Public thoroughfares adjoining the property shall be identified and any roads, streets, and parking facilities on the property shall be described.
Commentary:
The subject property is bordered to the southwest by Ambassador Caffery Parkway and to the east by Hardware Road.
(9) Potable Water Supply
Requirement:
The source of potable water for the property shall be identified.
Commentary:
Not applicable.
(10) Sewage Disposal System
Requirement:
The sewage disposal system for the property shall be identified. Inquiry shall be made as to the age of the system as part of the interview process.
Commentary:
Not applicable.

6.3 Exterior Observations

Observation	Commentary
Roads/paths on property with no outlet	No roads or paths were observed which were likely to have been used as an avenue for disposal of hazardous substances or petroleum products.
Hazardous substances and petroleum products identified (Chemical/product, approx. quantities, container types, storage conditions)	No hazardous substances or petroleum products were identified.
Unidentified substance containers (Approximate quantities, container types, storage conditions)	No unidentified substance containers were identified.
Above ground storage tanks	No above ground storage tanks were identified.
Underground storage tanks (Including underground process piping)	No underground storage tanks or vent pipes, fill pipes, or access ways indicating UST's were identified. Several underground nitrogen and petroleum pipelines dissect the subject property.
Odors	Strong, pungent, or noxious odors were not identified
Pools of liquids	No standing surface water was identified.
Sumps	No sumps containing liquids likely to be hazardous substances or petroleum products were identified.
Drums	Several drums were identified along the eastern property boundary.
PCB equipment	No electrical or hydraulic equipment was identified which might contain PCB's other than nearby electrical transformers.
Pits, ponds, lagoons	No pits, ponds, or lagoons were identified.
Stained soil/pavement	No stained soil or pavement was identified.
Stressed vegetation	No stressed vegetation was identified.
Solid waste	No solid waste disposal areas were identified.
Wastewater	No wastewater or liquid flows (excluding storm water) were identified which might flow into a drain, ditch, underground injection system, or stream on or adjacent to the property.
Wells	No dry wells, irrigation wells, injection wells, abandoned wells, or other wells were identified.
Septic system	No septic system or cesspools were identified.

6.4 Interior Observations - Not Applicable

Observation	Commentary
Hazardous substances and petroleum products identified (Chemical/product, approx. quantities, container types, storage conditions)	
Unidentified substance containers (Approximate quantities, container types, storage conditions)	
Above ground storage tanks	
Underground storage tanks (Including underground process piping)	
Odors	
Pools of liquids	
Sumps	
Drums	
PCB equipment	
Heating / cooling (Incl. fuel source)	
Stains or corrosion	
Drains	

7.0 INTERVIEWS

The objective of interviews is to obtain information indicating RECs in connection with the property. Appendix 14.6 contains a complete summary and documentation of the interview process.

7.1 Interview with Owner

The property owner (representative), Bryan Cagan, was asked about the existence of environmental related documents and the following documents were identified as existing:

- Previous environmental site assessment reports
- Geotechnical studies

The property owner was also asked a series of question regarding the current and past use of the subject property and the following affirmative responses were received during the interview:

- Property usage: farming

The interview did not reveal evidence of a known or suspect REC.

7.2 Interview with Site Manager

The Key Site Manager is the same as the Owner.

7.3 Interviews with Occupants

The subject property is currently not occupied.

7.4 Interviews with Local Government Officials

Angie Ragusa with the Broussard Fire Department was contacted. No subject property address was provided by the User; therefore, fire records could not be searched for the site. Several attempts were made to contact the current Fire Chief of Broussard to determine if he had historical knowledge of any responses to the site which were unsuccessful. The interview did not reveal evidence of a known or suspect REC.

7.5 Interviews with Others

The User Questionnaire, as supplied in Appendix X3 of ASTM 1527-13, was provided to the User and a copy is located in Appendix 14.6. A summary of the findings are located in Section 4.0.

8.0 EVALUATION

8.1 FINDINGS & OPINIONS

The report shall have a findings section which identifies known or suspect RECs, controlled RECs, historical RECs, and de minimis conditions. The report shall include the environmental professional's opinion(s) of the impact on the property of known or suspect environmental conditions identified in the findings section. The logic and reasoning used by the environmental professional in evaluating information collected during the course of the investigation related to known or suspect environmental conditions shall be discussed. The opinion shall specifically include the environmental professional's rationale for concluding that a known or suspect environmental condition is or is not currently a REC. Known or suspect environmental conditions identified by the environmental professional as RECs currently shall be listed in the conclusions section of the report.

Please note that all findings and opinions on findings concerning the governmental records review are located in Section 5.0. Any RECs identified in Section 5.0 are summarized in Section 1.0.

Finding	Opinion on Impact and Classification as REC
The property and surrounding properties were developed as farmland in the past.	Pesticides and herbicides are typically used for agricultural purposes. There was no evidence, whether visual or by interviews or research, which was discovered throughout the course of the environmental site assessment to indicate that any of these products was used on the property in amounts other than required through the course of normal agricultural practices which generally would not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies; therefore, this is considered a de minimis condition and not a REC.
Several drums were identified along the eastern property boundary.	The drums appear to be in good condition with no signs of leakage; therefore, this is not considered a REC.
Several electrical transformers are located on or adjoining the property.	The transformers appeared to be in good condition and relatively new. A historical interview with the previous Mayor of the City of Broussard, Charlie Langlinais, indicated that to the best of his knowledge, there were no transformers within the immediate area which contained PCBs; therefore, this is not considered a REC.
Several nitrogen and petroleum pipelines dissect the subject property.	No evidence was discovered during the course of the environmental site assessment to indicate that any petroleum products leaked from these pipelines; therefore, this is not considered a REC.

Finding	Opinion on Impact and Classification as REC
A drainage ditch dissects the northeast portion of the subject property.	No evidence was discovered during the course of the environmental site assessment to indicate that any hazardous substances or petroleum products were transported to the soils of the subject property from this drainage ditch; therefore, this is not considered a REC.
Several historical Phase I's were conducted on the subject property.	No REC's were identified in these reports; therefore, this is not considered a REC.

8.2 CONCLUSIONS

The report shall include a conclusions section that summarizes all RECs connected with the property and the impact of these RECs on the property. Please see Section 1.0.

9.0 LIMITING CONDITIONS/DEVIATIONS

Deletions and Deviations

Deviations from ASTM Practice E 1527-13 were necessary as discussed below.

Data Gaps/Data Failures

If a data failure is encountered, the report shall document the failure and, if any of the standard historical sources were excluded, give the reasons for their exclusion. If the data failure represents a significant data gap, the report shall identify and comment on significant data gaps that affect the ability of the environmental professional to identify RECs and identify the sources of information that were consulted to address the data gaps.

8.3.2 Uses of the Property - All obvious uses of the property shall be identified from the present, back to the property's obvious first developed use, or back to 1940, whichever is earlier.

8.3.2.1 Intervals - Review of standard historical sources at less than approximately five year intervals is not required ... If the specific use of the property appears unchanged over a period longer than five years then it is not required by this practice to research the use during that period

The above requirements were deviated from. The records listed in this section were searched in an effort to determine all obvious uses of the property back to the property's obvious first developed use, or back to 1940, whichever is earlier. Since the term "developed use" includes agricultural uses, it is necessary to determine when the property was undeveloped.

Aerial Photographs

Aerial photographs were provided by GeoSearch and viewed on Google Earth.

Fire Insurance Maps

Sanborn maps were not searched as the subject property is not part of a historical town which would normally have map coverage.

Property Tax Files

Property tax files were searched on the Lafayette Parish Tax Assessor's online database.

Recorded Land Title Records

Please note that the All Appropriate Inquiry Rule does not require that any specific type of historic information be collected, in particular a chain of title document for the property. The rule allows for the environmental professional to use professional judgment when determining what types of historical documentation may provide the most useful information about a property's ownership, uses, and potential environmental conditions when seeking to comply with the objectives and performance factors for the inquiries. As per agreement with the User of this report, a title search and environmental lien search were not conducted for this assessment. Any information discovered during these searches by the User was not provided to the Environmental Professional.

USGS 7.5 minute topographic maps

Topographic mapping was viewed on the USGS website.

Local Street Directories

Local street directories were not searched as the subject property address was not provided.

Building Department Records

Building department records were not searched as the subject property address was not provided and no recent residential structures on the site were identified through other historical sources which would have likely been listed in building department records.

Zoning/Land Use Records

Zoning records were not searched for the subject property as they rarely provide additional historical information beyond what interviews, aerial photography, and topographic mapping provide.

Please see Section 5.4 for a complete list of all information discovered during the historical record search.

Based on the above attempts, determining all obvious uses of the property back to the property's obvious first developed use, or back to 1940, whichever is earlier and at 5 year intervals was not deemed "reasonably ascertainable" for the purposes of this report, subject to the constraints of "data failure" as listed above.

Data Gaps Other Than Historical

The report shall identify and comment on significant data gaps that affect the ability of the Environmental Professional to identify RECs and identify the sources of information that were consulted to address the data gaps. A data gap is only significant if other information and/or professional experience raises reasonable concerns involving the data gap.

The following is a list of data gaps, other than historical, which were identified during the course of the environmental site assessment:

All previous occupants and owners of the subject property were not identified in the report to determine all historical uses of the subject property.

10.0 ADDITIONAL SERVICES

The Louisiana Department of Natural Resources (LDNR) SONRIS database was searched for any water wells, oil wells, natural gas wells, or well pits on the subject property and no wells or pits were identified on the subject property. Please see Appendix 14.4 for LDNR SONRIS database supporting documentation.

11.0 REFERENCES

ASTM E 1527-13, Standard Practice for Environmental Site Assessments

Radius Report and Topographic Mapping provided by GeoSearch

Aerial Photographs provided by GeoSearch and viewed on Google Earth

USGS Topographic Mapping obtained from <http://store.usgs.gov>

LDNR SONRIS database: <http://www.dnr.state.la.us>

Louisiana Geological Survey, 1984, Geologic Map of Louisiana

Lafayette Parish Tax Assessor's Office Database:
<http://www.lafayetteassessor.com/PropertySearch.cfm>

Phase I ESA prepared for Cagan Management Group, Inc. by H & H Environmental, Inc. on Approximate 1.44-acre tract owned by Mark Brittain adjoined to the southwest by Ambassador Caffery Parkway located in Broussard, Louisiana dated July 27, 2015

Phase I ESA prepared for Cagan Management Group, Inc. by H & H Environmental, Inc. on Stephen A. Wise Tract (Approx. 20.576 acres located between Tract A and Ambassador Caffery Parkway) Broussard, Louisiana, Lafayette Parish dated January 29, 2015

Phase I ESA prepared for Cagan Management Group, Inc. by H & H Environmental, Inc. on Stephen A. Wise Tract, Broussard, Louisiana, Lafayette Parish dated March 14, 2014

12.0 SIGNATURE(S) OF ENVIRONMENTAL PROFESSIONAL(S)

The environmental professional(s) responsible for the Phase I Environmental Site Assessment shall sign the report.



Ben Harmon (H & H Environmental, Inc.), Environmental Professional

February 19, 2021

Date

“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 subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.”

13.0 QUALIFICATION(S) OF ENVIRONMENTAL PROFESSIONAL(S)

Ben Harmon – H & H Environmental, Inc.

EDUCATION

- Associate of Science - Louisiana State University (Eunice, LA) - 1993
- Bachelor of Science - McNeese State University (Lake Charles, LA) - 1995
Major - Environmental Science
Minor - Chemistry

EXPERIENCE

- Environmental reports concerning compliance with water quality regulations, air quality regulations, and solid waste regulations.
- Obtained water discharge permits in accordance with environmental laws
- Prepared pollution prevention plans
- Prepared spill contingency plans
- Assessed site compliance with existing environmental regulations
- Prepared emergency response plans
- Prepared risk management plans
- Prepared storm water pollution prevention plans
- Prepared best management practices
- Prepared Environmental Site Assessments for purposes of innocent land owner defense
- Experience in the oil & gas exploration and production industry regarding environmental permitting and compliance matters
- Experience in the petrochemical industry regarding environmental permitting
- Provided consultation regarding environmental compliance
- Ten years relevant experience as defined in Paragraph 312.10 of 40 CFR 312

The above experience and knowledge demonstrates that the above named Environmental Professional is qualified to conduct and prepare a Phase I ESA.

14.0 APPENDICES

14.1 Site (Vicinity) Map

14.2 Site Plan

14.3 Site Photographs

14.4 Historical Research Documentation (aerial photographs, fire insurance maps, historical topographical maps, etc.)

14.5 Regulatory Records Documentation

14.6 Interview Documentation

14.7 Special Contractual Conditions between User and Environmental Professional

14.8 Qualifications of the Environmental Professional(s)

14.9 Industry Standard Definitions for Reference as defined in ASTM E 1527-13

14.10 List of Acronyms

Appendix 14.1 - Site (Vicinity) Map

USGS 7.5 minute Quadrangle
(Please see Appendix 14.5)

Appendix 14.2 - Site Plan



Appendix 14.3 - Site Photographs

14.3 Site Photographs



14.3 Site Photographs - Continued



14.3 Site Photographs - Continued



14.3 Site Photographs - Continued



Latitude: 30°7'24"
Longitude: -91°57'10"
Accuracy: 70.3ft
Note: Drums & tank along E

Appendix 14.4 - Historical Research Documentation
(aerial photographs, fire insurance maps, historical topo maps, etc.)
(Please also see Section 5.4)



Historical Aerial Photographs

<http://www.geo-search.net/QuickMap/index.htm?DataID=Standard0000073180>

Click on link above to access the map and satellite view of current property

Target Property:

***Gagan Management Group, Inc.
Ambassador Caffery
Lafayette Parish, Louisiana 70518***

Prepared For:

Ben Harmon

TARGET PROPERTY SUMMARY

Cagan Management Group, Inc.
Ambassador Caffery
Lafayette Parish, Louisiana 70518

USGS Quadrangle: **Youngsville, LA**
Target Property Geometry: **Area**

Target Property Longitude(s)/Latitude(s):
(-91.953268, 30.123522), (-91.953268, 30.123522), (-91.951501, 30.123553), (-91.951501, 30.126156),
(-91.955685, 30.126373), (-91.954786, 30.125195), (-91.956336, 30.124079), (-91.955592, 30.123243),
(-91.953950, 30.124296), (-91.953237, 30.123553), (-91.953268, 30.123522)

County/Parish Covered:
Lafayette (LA)

Zipcode(s) Covered:
Broussard LA: 70518

State(s) Covered:
LA

***Target property is located in Radon Zone 3.**
Zone 3 areas have a predicted average indoor radon screening level less than 2 pCi/L
(picocuries per liter).

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JOB #: 73180 - 2/24/2014

SITE: CAGAN MANAGEMENT GROUP, INC.
SOURCE: USDA
DATE: 2013
COUNTY: LAFAYETTE PARISH, LA
SCALE: 1" = 700'

GeoSearch



JOB #: 73180 - 2/21/2014

SITE: CAGAN MANAGEMENT GROUP, INC.
SOURCE: LOSCO
DATE: 03-01-1998
COUNTY: LAFAYETTE PARISH, LA
SCALE: 1" = 700'

GeoSearch



JOB #: 73180 - 2/21/2014

SITE: CAGAN MANAGEMENT GROUP, INC.
SOURCE: LADOT
DATE: 11-03-80
COUNTY: LAFAYETTE PARISH, LA
SCALE: 1" = 700'

GeoSearch



JOB #: 73180 - 2/21/2014

SITE: CAGAN MANAGEMENT GROUP, INC.
SOURCE: USGS
DATE: 02-13-71
COUNTY: LAFAYETTE PARISH, LA
SCALE: 1" = 700'

GeoSearch



JOB #: 73180 - 2/21/2014

SITE: CAGAN MANAGEMENT GROUP, INC.
SOURCE: ASCS
DATE: 10-25-68
COUNTY: LAFAYETTE PARISH, LA
SCALE: 1" = 700'

GeoSearch

2-4



JOB #: 73180 - 2/21/2014

SITE: CAGAN MANAGEMENT GROUP, INC.
SOURCE: USGS
DATE: 02-18-69
COUNTY: LAFAYETTE PARISH, LA
SCALE: 1" = 700'





JOB #: 73180 - 2/21/2014

SITE: CAGAN MANAGEMENT GROUP, INC.
SOURCE: ASCS
DATE: 12-05-63
COUNTY: LAFAYETTE PARISH, LA
SCALE: 1" = 700'

GeoSearch



JOB #: 73180 - 2/21/2014

SITE: CAGAN MANAGEMENT GROUP, INC.
SOURCE: ASCS
DATE: 01-16-51
COUNTY: LAFAYETTE PARISH, LA
SCALE: 1" = 700'

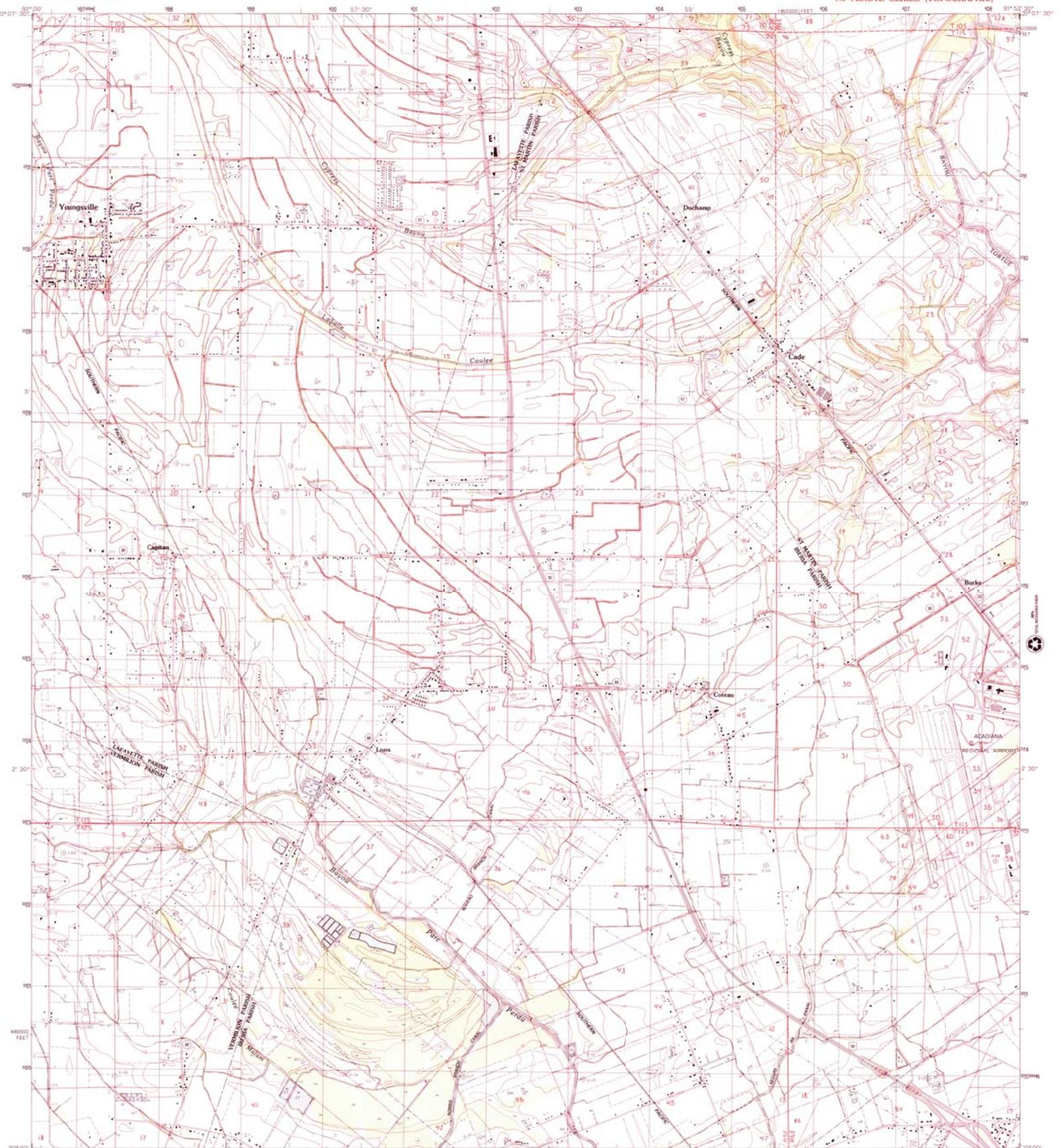
GeoSearch



JOB #: 73180 - 2/21/2014

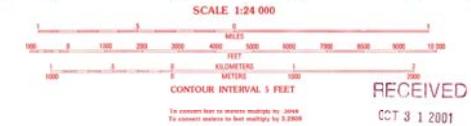
SITE: CAGAN MANAGEMENT GROUP, INC.
SOURCE: ASCS
DATE: 01-30-40
COUNTY: LAFAYETTE PARISH, LA
SCALE: 1" = 700'

GeoSearch



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTRACT BY MISSISSIPPI AND LOUISIANA DEPARTMENT OF HIGHWAYS
CONTRACT FROM AERIAL PHOTOGRAPHS TAKEN BY THE U.S. GEOLOGICAL SURVEY
FIELD CHECKED BY THE U.S. GEOLOGICAL SURVEY
PROJECTION: LAMBERT CONFORMAL CONIC
GCS: NAD 83
UNIT: METERS
SCALE: 1:24,000
DATE: 1983
TERRAIN DATA SOURCE: 1:250,000 TOPOGRAPHIC MAPS
VERTICAL DATUM: 1985 MEAN SEA LEVEL
HORIZONTAL DATUM: 1983 NORTH AMERICAN DATUM
To place on the projected North American Datum of 1983
move the projection lines as shown by dashed corner ticks
(19 meters north and 12 meters east).
There may be private landholdings within the boundaries of any
Federal and State reservations shown on this map.

PROVISIONAL MAP
Produced from original
manuscript drawings. Infor-
mation shown as of date of
field check.



THIS MAP COMPLES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80262, OR RESTON, VIRGINIA 22092
AND THE STATE OF LOUISIANA, DEPARTMENT OF PUBLIC WORKS, BATON ROUGE, LOUISIANA 70804

QUADRANGLE LOCATION

1	2	3	Lafayette
4	5	6	Terrebonne
7	8	9	New Iberia North
10	11	12	St. Landry East
13	14	15	New Iberia South

ASSIGNING T.S. QUADRANGLE NAMES

ROAD LEGEND

	Improved Road		Interstate Route
	Unimproved Road		U.S. Route
	Trail		State Route

YOUNGVILLE, LOUISIANA
DATE OF MATRIAL: BY QUADRANGLE
PROVISIONAL EDITION 1983
30091-A8-T-024





0 0.095 0.19 Absolute Scale: 1:12,000
mi Relative Scale: 1 inch = 1,000 feet

EC Commercial Site

Disclaimer: This data is not to be used for legal purposes.

Date: 2/8/2021



Appendix 14.5 - Regulatory Records Documentation



On time. On target. In touch.™

Radius Report

[GeoLens by GeoSearch](#)

Target Property:

One Acadiana

Cagan Site Ambassador Caffery

Lafayette, Lafayette Parish, Louisiana 70518

Prepared For:

Ben Harmon

Order #: 161027

Job #: 396366

Date: 02/05/2021

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<i>Unlocatable Report</i>	See Attachment
<i>Zip Report</i>	See Attachment

Disclaimer

This report was designed by GeoSearch to meet or exceed the records search requirements of the All Appropriate Inquiries Rule (40 CFR § 312.26) and the current version of the ASTM International E1527, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process or, if applicable, the custom requirements requested by the entity that ordered this report. The records and databases of records used to compile this report were collected from various federal, state and local governmental entities. It is the goal of GeoSearch to meet or exceed the 40 CFR § 312.26 and E1527 requirements for updating records by using the best available technology. GeoSearch contacts the appropriate governmental entities on a recurring basis. Depending on the frequency with which a record source or database of records is updated by the governmental entity, the data used to prepare this report may be updated monthly, quarterly, semi-annually, or annually.

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Target Property Summary

Target Property Information

One Acadiana
Cagan Site Ambassador Caffery
Lafayette, Louisiana 70518

Coordinates

Area centroid (-91.954086, 30.1244111)
32 feet above sea level

USGS Quadrangle

Broussard, LA
Youngsville, LA

Geographic Coverage Information

County/Parish: Lafayette (LA)

ZipCode(s):

Broussard LA: 70518

Youngsville LA: 70592

Database Summary

FEDERAL LISTING

Standard Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
EMERGENCY RESPONSE NOTIFICATION SYSTEM	ERNSLA	0	0	TP/AP
FEDERAL ENGINEERING INSTITUTIONAL CONTROL SITES	EC	0	0	TP/AP
LAND USE CONTROL INFORMATION SYSTEM	LUCIS	0	0	TP/AP
RCRA SITES WITH CONTROLS	RCRASC	0	0	TP/AP
RESOURCE CONSERVATION & RECOVERY ACT - GENERATOR	RCRAGR06	2	0	0.1250
RESOURCE CONSERVATION & RECOVERY ACT - NON-GENERATOR	RCRANGR06	1	0	0.1250
BROWNFIELDS MANAGEMENT SYSTEM	BF	0	0	0.5000
DELISTED NATIONAL PRIORITIES LIST	DNPL	0	0	0.5000
NO LONGER REGULATED RCRA NON-CORRACTS TSD FACILITIES	NLRRCRAT	0	0	0.5000
RESOURCE CONSERVATION & RECOVERY ACT - NON-CORRACTS TREATMENT, STORAGE & DISPOSAL FACILITIES	RCRAT	0	0	0.5000
SUPERFUND ENTERPRISE MANAGEMENT SYSTEM	SEMS	0	0	0.5000
SUPERFUND ENTERPRISE MANAGEMENT SYSTEM ARCHIVED SITE INVENTORY	SEMSARCH	0	0	0.5000
NATIONAL PRIORITIES LIST	NPL	0	0	1.0000
NO LONGER REGULATED RCRA CORRECTIVE ACTION FACILITIES	NLRRCRAC	0	0	1.0000
PROPOSED NATIONAL PRIORITIES LIST	PNPL	0	0	1.0000
RESOURCE CONSERVATION & RECOVERY ACT - CORRECTIVE ACTION FACILITIES	RCRAC	0	0	1.0000
RESOURCE CONSERVATION & RECOVERY ACT - SUBJECT TO CORRECTIVE ACTION FACILITIES	RCRASUBC	0	0	1.0000
SUB-TOTAL		3	0	

Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
AEROMETRIC INFORMATION RETRIEVAL SYSTEM / AIR FACILITY SUBSYSTEM	AIRSAFS	0	0	TP/AP
BIENNIAL REPORTING SYSTEM	BRS	0	0	TP/AP
CERCLIS LIENS	SFLIENS	0	0	TP/AP
CLANDESTINE DRUG LABORATORY LOCATIONS	CDL	0	0	TP/AP
EPA DOCKET DATA	DOCKETS	0	0	TP/AP
ENFORCEMENT AND COMPLIANCE HISTORY INFORMATION	ECHOR06	0	0	TP/AP
FACILITY REGISTRY SYSTEM	FRSLA	0	0	TP/AP

Database Summary

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
HAZARDOUS MATERIALS INCIDENT REPORTING SYSTEM	HMIRSR06	0	0	TP/AP
HAZARDOUS WASTE COMPLIANCE DOCKET FACILITIES	HWCD	0	0	TP/AP
INTEGRATED COMPLIANCE INFORMATION SYSTEM (FORMERLY DOCKETS)	ICIS	0	0	TP/AP
INTEGRATED COMPLIANCE INFORMATION SYSTEM NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	ICISNPDES	0	0	TP/AP
MATERIAL LICENSING TRACKING SYSTEM	MLTS	0	0	TP/AP
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	NPDESR06	0	0	TP/AP
PCB ACTIVITY DATABASE SYSTEM	PADS	0	0	TP/AP
PERMIT COMPLIANCE SYSTEM	PCSR06	0	0	TP/AP
SEMS LIEN ON PROPERTY	SEMCLIENS	0	0	TP/AP
SSEHRI PFAS CONTAMINATION SITES	SSEHRIPFAS	0	0	TP/AP
SECTION SEVEN TRACKING SYSTEM	SSTS	0	0	TP/AP
TOXIC SUBSTANCE CONTROL ACT INVENTORY	TSCA	0	0	TP/AP
TOXICS RELEASE INVENTORY	TRI	0	0	TP/AP
ALTERNATIVE FUELING STATIONS	ALTFUELS	0	0	0.2500
FEMA OWNED STORAGE TANKS	FEMAUST	0	0	0.2500
HISTORICAL GAS STATIONS	HISTPST	0	0	0.2500
INTEGRATED COMPLIANCE INFORMATION SYSTEM DRYCLEANERS	ICISCLEANERS	0	0	0.2500
MINE SAFETY AND HEALTH ADMINISTRATION MASTER INDEX FILE	MSHA	0	0	0.2500
MINERAL RESOURCE DATA SYSTEM	MRDS	0	0	0.2500
OPEN DUMP INVENTORY	ODI	0	0	0.5000
SURFACE MINING CONTROL AND RECLAMATION ACT SITES	SMCRA	0	0	0.5000
URANIUM MILL TAILINGS RADIATION CONTROL ACT SITES	USUMTRCA	0	0	0.5000
DEPARTMENT OF DEFENSE SITES	DOD	0	0	1.0000
FORMER MILITARY NIKE MISSILE SITES	NMS	0	0	1.0000
FORMERLY USED DEFENSE SITES	FUDS	0	0	1.0000
FORMERLY UTILIZED SITES REMEDIAL ACTION PROGRAM	FUSRAP	0	0	1.0000
RECORD OF DECISION SYSTEM	RODS	0	0	1.0000
SUB-TOTAL		0	0	

Database Summary

STATE (LA) LISTING

Standard Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
SITES WITH CONTROLS	IC	0	0	TP/AP
NO LONGER REPORTED UNDERGROUND STORAGE TANKS	NLRUST	0	0	0.2500
UNDERGROUND STORAGE TANKS	UST	0	0	0.2500
APPROVED HURRICANE DEBRIS DUMP SITES	ADS	0	0	0.5000
HISTORICAL LEAKING UNDERGROUND STORAGE TANKS	HLUST	0	0	0.5000
LEAKING UNDERGROUND STORAGE TANKS	LUST	0	0	0.5000
SOLID WASTE LANDFILLS	SWLF	0	0	0.5000
VOLUNTARY REMEDIATION PROGRAM SITES	VRP	0	0	0.5000
CONFIRMED AND POTENTIAL SITES INVENTORY	CPI	1	0	1.0000
SUB-TOTAL		1	0	

Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
ASBESTOS DEMOLITION AND RENOVATION NOTIFICATION PROJECTS	ASBESTOS	0	0	TP/AP
CLANDESTINE DRUG LABORATORY LOCATIONS	CDL	0	0	TP/AP
LISTING OF LOUISIANA DEQ LIENS	LIENS	0	0	TP/AP
SPILLS LISTING	SPILLS	0	0	TP/AP
WASTE TIRE GENERATOR LIST	WASTETIRE	0	0	TP/AP
DRYCLEANING FACILITIES	DCR	0	0	0.2500
RECYCLING FACILITIES	RCY	0	0	0.5000
WASTE PITS	WP	0	0	0.5000
SUB-TOTAL		0	0	

Database Summary

TRIBAL LISTING

Standard Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
UNDERGROUND STORAGE TANKS ON TRIBAL LANDS	USTR06	0	0	0.2500
LEAKING UNDERGROUND STORAGE TANKS ON TRIBAL LANDS	LUSTR06	0	0	0.5000
OPEN DUMP INVENTORY ON TRIBAL LANDS	ODINDIAN	0	0	0.5000

SUB-TOTAL		0	0	
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Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
INDIAN RESERVATIONS	INDIANRES	0	0	1.0000

SUB-TOTAL		0	0	
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TOTAL		4	0	
-------	--	---	---	--

Database Radius Summary

FEDERAL LISTING

Standard environmental records are displayed in **bold**.

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
AIRSAFS	0.0200	0	NS	NS	NS	NS	NS	0
BRS	0.0200	0	NS	NS	NS	NS	NS	0
CDL	0.0200	0	NS	NS	NS	NS	NS	0
DOCKETS	0.0200	0	NS	NS	NS	NS	NS	0
EC	0.0200	0	NS	NS	NS	NS	NS	0
ECHOR06	0.0200	0	NS	NS	NS	NS	NS	0
ERNSLA	0.0200	0	NS	NS	NS	NS	NS	0
FRSLA	0.0200	0	NS	NS	NS	NS	NS	0
HMIRSR06	0.0200	0	NS	NS	NS	NS	NS	0
HWCD	0.0200	0	NS	NS	NS	NS	NS	0
ICIS	0.0200	0	NS	NS	NS	NS	NS	0
ICISNPDES	0.0200	0	NS	NS	NS	NS	NS	0
LUCIS	0.0200	0	NS	NS	NS	NS	NS	0
MLTS	0.0200	0	NS	NS	NS	NS	NS	0
NPDES06	0.0200	0	NS	NS	NS	NS	NS	0
PADS	0.0200	0	NS	NS	NS	NS	NS	0
PCSR06	0.0200	0	NS	NS	NS	NS	NS	0
RCRASC	0.0200	0	NS	NS	NS	NS	NS	0
SEMSLIENS	0.0200	0	NS	NS	NS	NS	NS	0
SFLIENS	0.0200	0	NS	NS	NS	NS	NS	0
SSEHRIPFAS	0.0200	0	NS	NS	NS	NS	NS	0
SSTS	0.0200	0	NS	NS	NS	NS	NS	0
TRI	0.0200	0	NS	NS	NS	NS	NS	0
TSCA	0.0200	0	NS	NS	NS	NS	NS	0
RCRAGR06	0.1250	0	2	NS	NS	NS	NS	2
RCRANGR06	0.1250	0	1	NS	NS	NS	NS	1
ALTFUELS	0.2500	0	0	0	NS	NS	NS	0
FEMAUST	0.2500	0	0	0	NS	NS	NS	0
HISTPST	0.2500	0	0	0	NS	NS	NS	0
ICISCLEANERS	0.2500	0	0	0	NS	NS	NS	0
MRDS	0.2500	0	0	0	NS	NS	NS	0
MSHA	0.2500	0	0	0	NS	NS	NS	0
BF	0.5000	0	0	0	0	NS	NS	0
DNPL	0.5000	0	0	0	0	NS	NS	0
NLRRCRAT	0.5000	0	0	0	0	NS	NS	0

Database Radius Summary

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
ODI	0.5000	0	0	0	0	NS	NS	0
RCRAT	0.5000	0	0	0	0	NS	NS	0
SEMS	0.5000	0	0	0	0	NS	NS	0
SEMSARCH	0.5000	0	0	0	0	NS	NS	0
SMCRA	0.5000	0	0	0	0	NS	NS	0
USUMTRCA	0.5000	0	0	0	0	NS	NS	0
DOD	1.0000	0	0	0	0	0	NS	0
FUDS	1.0000	0	0	0	0	0	NS	0
FUSRAP	1.0000	0	0	0	0	0	NS	0
NLRRCRAC	1.0000	0	0	0	0	0	NS	0
NMS	1.0000	0	0	0	0	0	NS	0
NPL	1.0000	0	0	0	0	0	NS	0
PNPL	1.0000	0	0	0	0	0	NS	0
RCRAC	1.0000	0	0	0	0	0	NS	0
RCRASUBC	1.0000	0	0	0	0	0	NS	0
RODS	1.0000	0	0	0	0	0	NS	0
SUB-TOTAL		0	3	0	0	0	0	3

Database Radius Summary

STATE (LA) LISTING

Standard environmental records are displayed in **bold**.

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
ASBESTOS	0.0200	0	NS	NS	NS	NS	NS	0
CDL	0.0200	0	NS	NS	NS	NS	NS	0
IC	0.0200	0	NS	NS	NS	NS	NS	0
LIENS	0.0200	0	NS	NS	NS	NS	NS	0
SPILLS	0.0200	0	NS	NS	NS	NS	NS	0
WASTETIRE	0.0200	0	NS	NS	NS	NS	NS	0
DCR	0.2500	0	0	0	NS	NS	NS	0
NLRUST	0.2500	0	0	0	NS	NS	NS	0
UST	0.2500	0	0	0	NS	NS	NS	0
ADS	0.5000	0	0	0	0	NS	NS	0
HLUST	0.5000	0	0	0	0	NS	NS	0
LUST	0.5000	0	0	0	0	NS	NS	0
RCY	0.5000	0	0	0	0	NS	NS	0
SWLF	0.5000	0	0	0	0	NS	NS	0
VRP	0.5000	0	0	0	0	NS	NS	0
WP	0.5000	0	0	0	0	NS	NS	0
CPI	1.0000	0	0	0	1	0	NS	1
SUB-TOTAL		0	0	0	1	0	0	1

Database Radius Summary

TRIBAL LISTING

Standard environmental records are displayed in **bold**.

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
USTR06	0.2500	0	0	0	NS	NS	NS	0
LUSTR06	0.5000	0	0	0	0	NS	NS	0
ODINDIAN	0.5000	0	0	0	0	NS	NS	0
INDIANRES	1.0000	0	0	0	0	0	NS	0

SUB-TOTAL		0						
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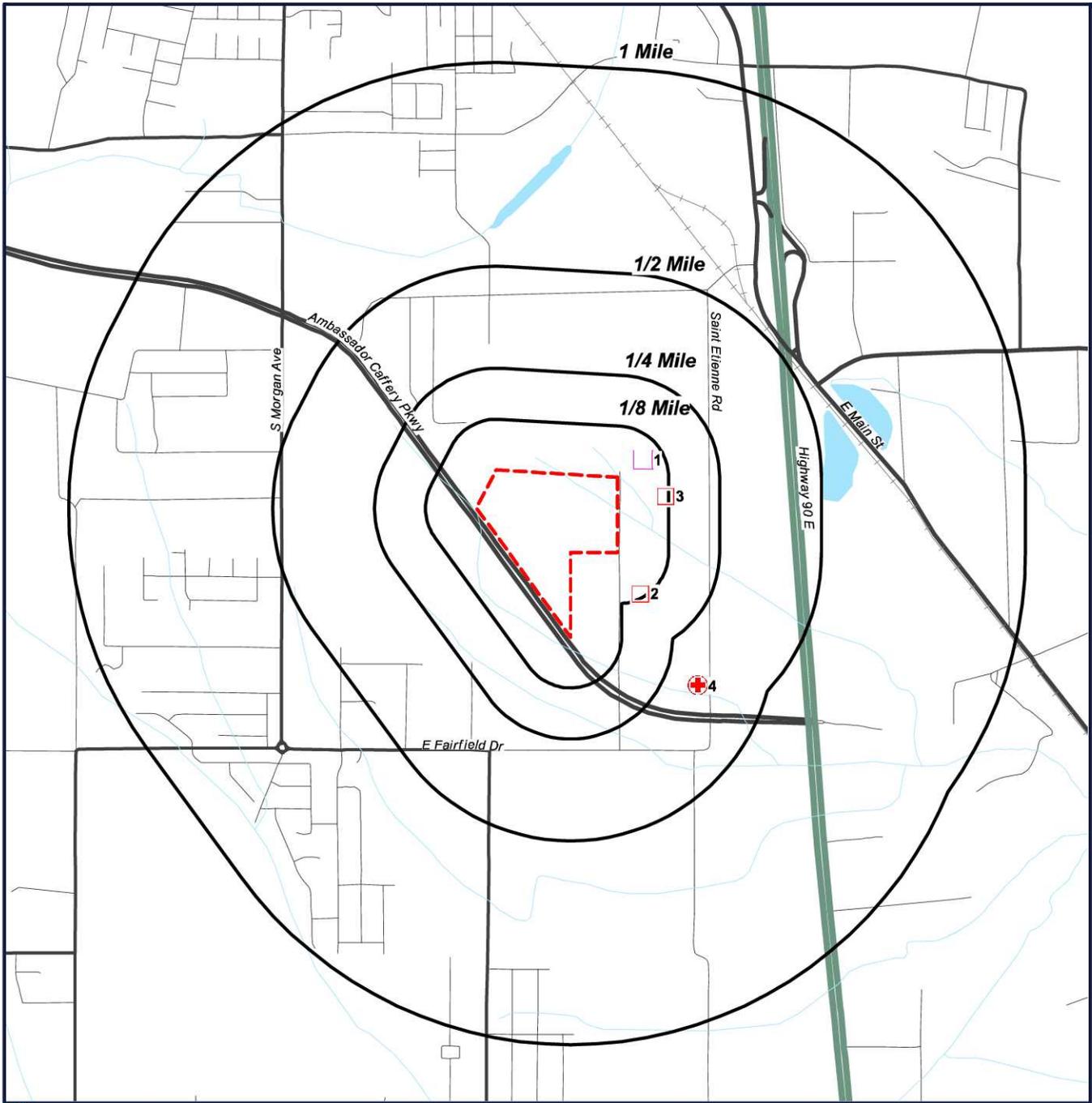
TOTAL		0	3	0	1	0	0	4
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NOTES:

NS = NOT SEARCHED

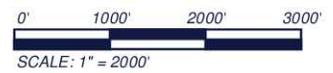
TP/AP = TARGET PROPERTY/ADJACENT PROPERTY

Radius Map 1

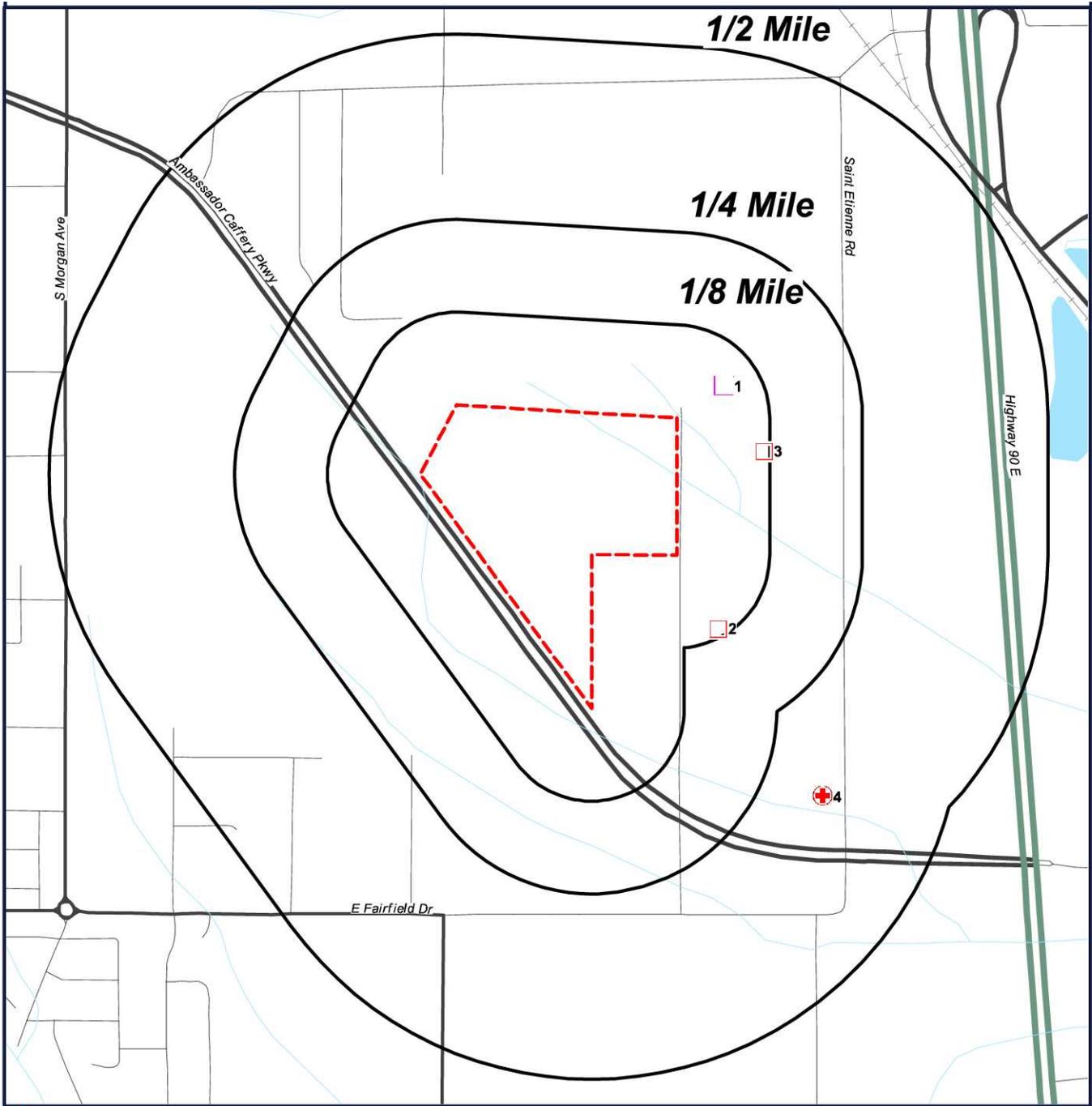


-  Target Property (TP)
-  RCRANGR06
-  RCRAGR06
-  CPI

**One Acadiana
Cagan Site
Ambassador Caffery
Lafayette, Louisiana
70518**

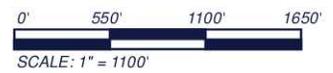


Radius Map 2



- Target Property (TP)
- RCRANGR06
- RCRAGR06
- CPI

**One Acadiana
Cagan Site
Ambassador Caffery
Lafayette, Louisiana
70518**

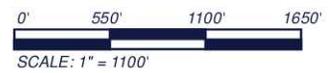


Ortho Map



-  Target Property (TP)
-  RCRANGR06
-  RCRAGR06
-  CPI

Quadrangle(s):
 Broussard,
 Youngsville
 One Acadiana
 Cagan Site
 Ambassador Caffery
 Lafayette, Louisiana
 70518



Topographic Map



 Target Property (TP)

Quadrangle(s): Broussard,
Youngsville
Source: USGS, 05/08/2012
One Acadiana
Cagan Site Ambassador
Caffery
Lafayette, Louisiana
70518



Located Sites Summary

NOTE: Standard environmental records are displayed in **bold**.

Map ID#	Database Name	Site ID#	Relative Elevation	Distance From Site	Site Name	Address	PAGE #
1	RCRANGR06	LAR000020669	Higher (34 ft.)	0.077 mi. ENE (407 ft.)	MACRO OIL CO INC	510 HARDWARE RD, BROUSSARD, LA 70518	17
2	RCRAGR06	LAR000053298	Lower (31 ft.)	0.113 mi. SSE (597 ft.)	EXPRO AMERICAS INC	610 ST ETIENNE RD, BROUSSARD, LA 70518	18
3	RCRAGR06	LAR000055376	Equal (32 ft.)	0.117 mi. E (618 ft.)	BELL TEXTRON INC - BLADE SHOP	580 ST ETIENNE RD, BROUSSARD, LA 70518	20
4	CPI	51825	Lower (26 ft.)	0.334 mi. ESE (1764 ft.)	COIL TUBING SERVICES	814 ST ETIENNE RD, BROUSSARD, LA 70518	22

Site Summary By Database

NOTE: Standard environmental records are displayed in **bold**.

Map ID#	Database Name	Site ID#	Relative Elevation	Distance From Site	Site Name	Address
4	CPI	51825	Lower (26 ft.)	0.334 mi. ESE (1764 ft.)	COIL TUBING SERVICES	814 ST ETIENNE RD, BROUSSARD, LA 70518
2	RCRAGR06	LAR000053298	Lower (31 ft.)	0.113 mi. SSE (597 ft.)	EXPRO AMERICAS INC	610 ST ETIENNE RD, BROUSSARD, LA 70518
3	RCRAGR06	LAR000055376	Equal (32 ft.)	0.117 mi. E (618 ft.)	BELL TEXTRON INC - BLADE SHOP	580 ST ETIENNE RD, BROUSSARD, LA 70518
1	RCRANGR06	LAR000020669	Higher (34 ft.)	0.077 mi. ENE (407 ft.)	MACRO OIL CO INC	510 HARDWARE RD, BROUSSARD, LA 70518

Elevation Summary

Elevations are collected from the USGS 3D Elevation Program 1/3 arc-second (approximately 10 meters) layer hosted at the NGTOC. .

Target Property Elevation: 32 ft.

NOTE: Standard environmental records are displayed in **bold**.

EQUAL/HIGHER ELEVATION

Map ID#	Database Name	Elevation	Site Name	Address	Page #
1	RCRANGR06	34 ft.	MACRO OIL CO INC	510 HARDWARE RD, BROUSSARD, LA 70518	17
3	RCRAGR06	32 ft.	BELL TEXTRON INC - BLADE SHOP	580 ST ETIENNE RD, BROUSSARD, LA 70518	20

LOWER ELEVATION

Map ID#	Database Name	Elevation	Site Name	Address	Page #
2	RCRAGR06	31 ft.	EXPRO AMERICAS INC	610 ST ETIENNE RD, BROUSSARD, LA 70518	18
4	CPI	26 ft.	COIL TUBING SERVICES	814 ST ETIENNE RD, BROUSSARD, LA 70518	22

Resource Conservation & Recovery Act - Non-Generator (RCRANGR06)

MAP ID# 1

Distance from Property: 0.077 mi. (407 ft.) ENE
Elevation: 34 ft. (Higher than TP)

FACILITY INFORMATION

EPA ID#: LAR000020669

NAME: MACRO OIL CO INC

ADDRESS: 510 HARDWARE RD

BROUSSARD, LA 70518

CONTACT NAME: SCOTT MCELLIGOTT

CONTACT ADDRESS: PO BOX 2579

LAFAYETTE LA 70502-2579

CONTACT PHONE: 337-234-4583

NON-NOTIFIER: NOT A NON-NOTIFIER

DATE RECEIVED BY AGENCY: 03/07/1997

CERTIFICATION - NO CERTIFICATION REPORTED -

INDUSTRY CLASSIFICATION (NAICS)

324191 - PETROLEUM LUBRICATING OIL AND GREASE MANUFACTURING

CURRENT ACTIVITY INFORMATION

GENERATOR STATUS: **NON-GENERATOR** LAST UPDATED DATE: **04/14/2015**

SUBJECT TO CORRECTIVE ACTION UNIVERSE: **NO**

TDSFs POTENTIALLY SUBJECT TO CORRECTIVE ACTION UNDER 3004 (u)/(v) UNIVERSE: **NO**

TDSFs ONLY SUBJECT TO CORRECTIVE ACTION UNDER DISCRETIONARY AUTHORITIES UNIVERSE: **NO**

NON TDSFs WHERE RCRA CORRECTIVE ACTION HAS BEEN IMPOSED UNIVERSE: **NO**

CORRECTIVE ACTION WORKLOAD UNIVERSE: **NO**

IMPORTER: **NO**

UNDERGROUND INJECTION: **NO**

MIXED WASTE GENERATOR: **NO**

UNIVERSAL WASTE DESTINATION FACILITY: **NO**

RECYCLER: **NO**

TRANSFER FACILITY: **NO**

TRANSPORTER: **YES**

USED OIL FUEL BURNER: **NO**

ONSITE BURNER EXEMPTION: **NO**

USED OIL PROCESSOR: **NO**

FURNACE EXEMPTION: **NO**

USED OIL FUEL MARKETER TO BURNER: **NO**

USED OIL REFINER: **NO**

SPECIFICATION USED OIL MARKETER: **NO**

USED OIL TRANSFER FACILITY: **NO**

USED OIL TRANSPORTER: **NO**

COMPLIANCE, MONITORING AND ENFORCEMENT INFORMATION

EVALUATIONS - NO EVALUATIONS REPORTED -

VIOLATIONS - NO VIOLATIONS REPORTED -

ENFORCEMENTS - NO ENFORCEMENTS REPORTED -

HAZARDOUS WASTE

UOIL

UNIVERSAL WASTE - NO UNIVERSAL WASTE REPORTED -

CORRECTIVE ACTION AREA - NO CORRECTIVE ACTION AREA INFORMATION REPORTED -

CORRECTIVE ACTION EVENT

NO CORRECTIVE ACTION EVENT(S) REPORTED

[Back to Report Summary](#)

Resource Conservation & Recovery Act - Generator (RCRAGR06)

MAP ID# 2

Distance from Property: 0.113 mi. (597 ft.) SSE
Elevation: 31 ft. (Lower than TP)

FACILITY INFORMATION

EPA ID#: LAR000053298

NAME: EXPRO AMERICAS INC

ADDRESS: 610 ST ETIENNE RD

BROUSSARD, LA 70518

CONTACT NAME: JOHN M DURAND

CONTACT ADDRESS: 610 ST ETIENNE RD

BROUSSARD LA 70518

CONTACT PHONE: 337-839-9600

NON-NOTIFIER: NOT A NON-NOTIFIER

DATE RECEIVED BY AGENCY: 11/22/2005

OWNER TYPE: PRIVATE

OWNER NAME: DEM BONES LLC

OPERATOR TYPE: PRIVATE

OPERATOR NAME: EXPO AMERICAS INC

CERTIFICATION

CERTIFICATION NAME:

CERTIFICATION TITLE:

CERTIFICATION SIGNED DATE:

JOHN M DURAND

HSEQ MGR

10/12/2003

JOHN M DURAND

HSEQ MGR

11/22/2005

INDUSTRY CLASSIFICATION (NAICS)

213112 - SUPPORT ACTIVITIES FOR OIL AND GAS OPERATIONS

CURRENT ACTIVITY INFORMATION

GENERATOR STATUS: VSG LAST UPDATED DATE: 11/23/2005

SUBJECT TO CORRECTIVE ACTION UNIVERSE: NO

TDSFs POTENTIALLY SUBJECT TO CORRECTIVE ACTION UNDER 3004 (u)/(v) UNIVERSE: NO

TDSFs ONLY SUBJECT TO CORRECTIVE ACTION UNDER DISCRETIONARY AUTHORITIES UNIVERSE: NO

NON TDSFs WHERE RCRA CORRECTIVE ACTION HAS BEEN IMPOSED UNIVERSE: NO

CORRECTIVE ACTION WORKLOAD UNIVERSE: NO

IMPORTER: NO

UNDERGROUND INJECTION: NO

MIXED WASTE GENERATOR: NO

UNIVERSAL WASTE DESTINATION FACILITY: NO

RECYCLER: NO

TRANSFER FACILITY: NO

TRANSPORTER: NO

USED OIL FUEL BURNER: NO

ONSITE BURNER EXEMPTION: NO

USED OIL PROCESSOR: NO

FURNACE EXEMPTION: NO

USED OIL FUEL MARKETER TO BURNER: NO

USED OIL REFINER: NO

SPECIFICATION USED OIL MARKETER: NO

USED OIL TRANSFER FACILITY: NO

USED OIL TRANSPORTER: NO

COMPLIANCE, MONITORING AND ENFORCEMENT INFORMATION

EVALUATIONS - NO EVALUATIONS REPORTED -

VIOLATIONS - NO VIOLATIONS REPORTED -

ENFORCEMENTS - NO ENFORCEMENTS REPORTED -

HAZARDOUS WASTE

D003 REACTIVE WASTE

UNIVERSAL WASTE - NO UNIVERSAL WASTE REPORTED -

CORRECTIVE ACTION AREA - NO CORRECTIVE ACTION AREA INFORMATION REPORTED -

Resource Conservation & Recovery Act - Generator (RCRAGR06)

CORRECTIVE ACTION EVENT

NO CORRECTIVE ACTION EVENT(S) REPORTED

[Back to Report Summary](#)

Resource Conservation & Recovery Act - Generator (RCRAGR06)

MAP ID# 3

Distance from Property: 0.117 mi. (618 ft.) E
Elevation: 32 ft. (Equal to TP)

FACILITY INFORMATION

EPA ID#: LAR000055376

NAME: BELL TEXTRON INC - BLADE SHOP

ADDRESS: 580 ST ETIENNE RD

BROUSSARD, LA 70518

CONTACT NAME: JASON PICARD

CONTACT ADDRESS: 580 ST ETIENNE RD STE A
BROUSSARD LA 70518

CONTACT PHONE: 337-837-8321

NON-NOTIFIER: NOT A NON-NOTIFIER

DATE RECEIVED BY AGENCY: 12/21/2019

OWNER TYPE: PRIVATE

OWNER NAME: TEXTRON INC

OPERATOR TYPE: PRIVATE

OPERATOR NAME: ROTOR BLADES INC

CERTIFICATION

CERTIFICATION NAME:	CERTIFICATION TITLE:	CERTIFICATION SIGNED DATE:
MIKE E BAKER	SAFETY MGR	06/09/2004
JASON PICARD	FACILITY CONTACT	07/15/2019
SHAWN KELEHER	OPS MGR	01/11/2011
SHAWN KELEHER	OPS MGR	01/03/2012

INDUSTRY CLASSIFICATION (NAICS)

336411 - AIRCRAFT MANUFACTURING

336413 - OTHER AIRCRAFT PARTS AND AUXILIARY EQUIPMENT MANUFACTURING

CURRENT ACTIVITY INFORMATION

GENERATOR STATUS: **SMALL QUANTITY GENERATOR** LAST UPDATED DATE: **08/11/2020**

SUBJECT TO CORRECTIVE ACTION UNIVERSE: **NO**

TDSFs POTENTIALLY SUBJECT TO CORRECTIVE ACTION UNDER 3004 (u)/(v) UNIVERSE: **NO**

TDSFs ONLY SUBJECT TO CORRECTIVE ACTION UNDER DISCRETIONARY AUTHORITIES UNIVERSE: **NO**

NON TDSFs WHERE RCRA CORRECTIVE ACTION HAS BEEN IMPOSED UNIVERSE: **NO**

CORRECTIVE ACTION WORKLOAD UNIVERSE: **NO**

IMPORTER: **NO**

UNDERGROUND INJECTION: **NO**

MIXED WASTE GENERATOR: **NOT REPORTED**

UNIVERSAL WASTE DESTINATION FACILITY: **NO**

RECYCLER: **NO**

TRANSFER FACILITY: **NO**

TRANSPORTER: **NO**

USED OIL FUEL BURNER: **NO**

ONSITE BURNER EXEMPTION: **NO**

USED OIL PROCESSOR: **NO**

FURNACE EXEMPTION: **NO**

USED OIL FUEL MARKETER TO BURNER: **NO**

USED OIL REFINER: **NO**

SPECIFICATION USED OIL MARKETER: **NO**

USED OIL TRANSFER FACILITY: **NO**

USED OIL TRANSPORTER: **NO**

COMPLIANCE, MONITORING AND ENFORCEMENT INFORMATION

EVALUATIONS - **NO EVALUATIONS REPORTED** -

VIOLATIONS - **NO VIOLATIONS REPORTED** -

ENFORCEMENTS - **NO ENFORCEMENTS REPORTED** -

HAZARDOUS WASTE

D001 IGNITABLE WASTE

Resource Conservation & Recovery Act - Generator (RCRAGR06)

D002 CORROSIVE WASTE
D003 REACTIVE WASTE
D004 ARSENIC
D005 BARIUM
D006 CADMIUM
D007 CHROMIUM
D008 LEAD
D018 BENZENE
D035 METHYL ETHYL KETONE
D039 TETRACHLOROETHYLENE
D040 TRICHLORETHYLENE
F003 THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F005 THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

UNIVERSAL WASTE - NO UNIVERSAL WASTE REPORTED -

CORRECTIVE ACTION AREA - NO CORRECTIVE ACTION AREA INFORMATION REPORTED -

CORRECTIVE ACTION EVENT

NO CORRECTIVE ACTION EVENT(S) REPORTED

[Back to Report Summary](#)

Confirmed and Potential Sites Inventory (CPI)

MAP ID# 4

Distance from Property: 0.334 mi. (1,764 ft.) ESE

Elevation: 26 ft. (Lower than TP)

FACILITY INFORMATION

GEOSEARCH ID: 51825

FACILITY ID: 51825

NAME: COIL TUBING SERVICES

ADDRESS: 814 ST ETIENNE RD
BROUSSARD, LA 70518

PARISH: LAFAYETTE

SITE DETAILS

STATUS: CONFIRMED

ACTIVITY DESCRIPTION: REM20160001

TEAM LEADER: ROBERT HARRIS

TITLE DESCRIPTION: NOT REPORTED

REGION DESCRIPTION: NOT REPORTED

[Back to Report Summary](#)

Unlocated Sites Summary

This list contains sites that could not be mapped due to limited or incomplete address information.

No Records Found

Environmental Records Definitions - FEDERAL

AIRSAFS Aerometric Information Retrieval System / Air Facility Subsystem

VERSION DATE: 10/20/14

The United States Environmental Protection Agency (EPA) modified the Aerometric Information Retrieval System (AIRS) to a database that exclusively tracks the compliance of stationary sources of air pollution with EPA regulations: the Air Facility Subsystem (AFS). Since this change in 2001, the management of the AIRS/AFS database was assigned to EPA's Office of Enforcement and Compliance Assurance. Enforcement and Compliance History Online (ECHO) Clean Air Act data from AFS are frozen and reflect data as of October 17, 2014, the EPA retired this system for Clean Air Act stationary sources.

ALTFUELS Alternative Fueling Stations

VERSION DATE: 10/28/20

Nationwide list of alternative fueling stations made available by the U.S. Department of Energy's Office of Energy Efficiency & Renewable Energy. Includes Bio-diesel stations, Ethanol (E85) stations, Liquefied Petroleum Gas (Propane) stations, Ethanol (E85) stations, Natural Gas stations, Hydrogen stations, and Electric Vehicle Supply Equipment (EVSE).

BF Brownfields Management System

VERSION DATE: 10/08/20

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. The United States Environmental Protection Agency maintains this database to track activities in the various brown field grant programs including grantee assessment, site cleanup and site redevelopment. This database included tribal brownfield sites.

BRS Biennial Reporting System

VERSION DATE: 12/31/17

The United States Environmental Protection Agency (EPA), in cooperation with the States, biennially collects information regarding the generation, management, and final disposition of hazardous wastes regulated under the Resource Conservation and Recovery Act of 1976 (RCRA), as amended. The Biennial Report captures detailed data on the generation of hazardous waste from large quantity generators and data on waste management practices from treatment, storage and disposal facilities. Currently, the EPA states that data collected between 1991 and 1997 was originally a part of the defunct Biennial Reporting System and is now incorporated into the RCRAInfo data system.

CDL Clandestine Drug Laboratory Locations

VERSION DATE: 06/17/20

Environmental Records Definitions - FEDERAL

The U.S. Department of Justice ("the Department") provides this information 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. The Department does not establish, implement, enforce, or certify compliance with clean-up or remediation standards for contaminated sites; the public should contact a state or local health department or environmental protection agency for that information.

DNPL Delisted National Priorities List

VERSION DATE: 11/20/20

This database includes sites from the United States Environmental Protection Agency's Final National Priorities List (NPL) where remedies have proven to be satisfactory or sites where the original analyses were inaccurate, and the site is no longer appropriate for inclusion on the NPL, and final publication in the Federal Register has occurred.

DOCKETS EPA Docket Data

VERSION DATE: 12/22/05

The United States Environmental Protection Agency Docket data lists Civil Case Defendants, filing dates as far back as 1971, laws broken including section, violations that occurred, pollutants involved, penalties assessed and superfund awards by facility and location. Please refer to ICIS database as source of current data.

DOD Department of Defense Sites

VERSION DATE: 12/01/14

This information originates from the National Atlas of the United States Federal Lands data, which includes lands owned or administered by the Federal government. Army DOD, Army Corps of Engineers DOD, Air Force DOD, Navy DOD and Marine DOD areas of 640 acres or more are included.

EC Federal Engineering Institutional Control Sites

VERSION DATE: 11/23/20

This database includes site locations where Engineering and/or Institutional Controls have been identified as part of a selected remedy for the site as defined by United States Environmental Protection Agency official remedy decision documents. The data displays remedy component information for Superfund decision documents issued in fiscal years 1982-2017, and it includes final and deleted NPL sites as well as sites with a Superfund Alternative Approach (SAA) agreement in place. The only sites included that are not on the NPL, proposed for NPL, or removed from proposed NPL, are those with an SAA Agreement in place. A site listing does not indicate that the institutional and engineering controls are currently in place nor will be in place once the remedy is complete; it only indicates that the decision to include either of them in the remedy is documented as of the completed date of the document. Institutional controls are actions, such as legal controls, that help minimize the

Environmental Records Definitions - FEDERAL

potential for human exposure to contamination by ensuring appropriate land or resource use. Engineering controls include caps, barriers, or other device engineering to prevent access, exposure, or continued migration of contamination.

ECHOR06 Enforcement and Compliance History Information

VERSION DATE: 11/28/20

The U.S. Environmental Protection Agency's Enforcement and Compliance History Online (ECHO) database, provides compliance and enforcement information for facilities nationwide. This database includes facilities regulated as Clean Air Act stationary sources, Clean Water Act direct dischargers, Resource Conservation and Recovery Act hazardous waste handlers, Safe Drinking Water Act public water systems along with other data, such as Toxics Release Inventory releases.

ERNSLA Emergency Response Notification System

VERSION DATE: 12/27/20

This National Response Center database contains data on reported releases of oil, chemical, radiological, biological, and/or etiological discharges into the environment anywhere in the United States and its territories. The data comes from spill reports made to the U.S. Environmental Protection Agency, U.S. Coast Guard, the National Response Center and/or the U.S. Department of Transportation.

FEMAUST FEMA Owned Storage Tanks

VERSION DATE: 12/01/16

This is a listing of FEMA owned underground and aboveground storage tank sites. For security reasons, address information is not released to the public according to the U.S. Department of Homeland Security.

FRSLA Facility Registry System

VERSION DATE: 10/02/20

The United States Environmental Protection Agency's Office of Environmental Information (OEI) developed the Facility Registry System (FRS) as the centrally managed database that identifies facilities, sites or places subject to environmental regulations or of environmental interest. The Facility Registry System replaced the Facility Index System or FINDS database.

FUDS Formerly Used Defense Sites

VERSION DATE: 12/31/18

The Formerly Used Defense Sites (FUDS) inventory includes properties previously owned by or leased to the United States and under Secretary of Defense Jurisdiction, as well as Munitions Response Areas (MRAs). The remediation of these properties is the responsibility of the Department of Defense. This data is provided by the U.S. Army Corps of Engineers (USACE), the boundaries/polygon data are based on preliminary findings and not

Environmental Records Definitions - FEDERAL

all properties currently have polygon data available. **DISCLAIMER:** This data represents the results of data collection/processing for a specific USACE activity and is in no way to be considered comprehensive or to be used in any legal or official capacity as presented on this site. While the USACE has made a reasonable effort to insure the accuracy of the maps and associated data, it should be explicitly noted that USACE makes no warranty, representation or guaranty, either expressed or implied, as to the content, sequence, accuracy, timeliness or completeness of any of the data provided herein. For additional information on Formerly Used Defense Sites please contact the USACE Public Affairs Office at (202) 528-4285.

FUSRAP Formerly Utilized Sites Remedial Action Program

VERSION DATE: 03/04/17

The U.S. Department of Energy (DOE) established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

HISTPST Historical Gas Stations

VERSION DATE: NR

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

HMIRSR06 Hazardous Materials Incident Reporting System

VERSION DATE: 10/27/20

The HMIRS database contains unintentional hazardous materials release information reported to the U.S. Department of Transportation located in EPA Region 6. This region includes the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

HWCD Hazardous Waste Compliance Docket Facilities

VERSION DATE: 10/29/20

This list of the Federal Agency Hazardous Waste Compliance Docket Facilities is maintained by the United States Environmental Protection Agency (EPA). According to the EPA, Section 120(c) of CERCLA requires EPA to establish a listing, known as the Federal Facility Hazardous Waste Compliance Docket (Docket), of Federal facilities which are managing or have managed hazardous waste; or have had a release of hazardous waste. Thus, the Docket identifies all Federal facilities that must be evaluated to determine whether they pose a risk to human health and the environment and it makes this information available to the public. In order for the Docket to remain current and accurate it requires periodic updating.

Environmental Records Definitions - FEDERAL

ICIS Integrated Compliance Information System (formerly DOCKETS)

VERSION DATE: 09/19/20

ICIS is a case activity tracking and management system for civil, judicial, and administrative federal Environmental Protection Agency enforcement cases. ICIS contains information on federal administrative and federal judicial cases under the following environmental statutes: the Clean Air Act, the Clean Water Act, the Resource Conservation and Recovery Act, the Emergency Planning and Community Right-to-Know Act - Section 313, the Toxic Substances Control Act, the Federal Insecticide, Fungicide, and Rodenticide Act, the Comprehensive Environmental Response, Compensation, and Liability Act, the Safe Drinking Water Act, and the Marine Protection, Research, and Sanctuaries Act.

ICISCLEANERS Integrated Compliance Information System Drycleaners

VERSION DATE: 09/19/20

This is a listing of drycleaner facilities from the Integrated Compliance Information System (ICIS). The U.S. Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments. The following Primary SIC Codes are included in this data: 7211, 7212, 7213, 7215, 7216, 7217, 7218, and/or 7219; the following Primary NAICS Codes are included in this data: 812320, 812331, and/or 812332.

ICISNPDES Integrated Compliance Information System National Pollutant Discharge Elimination System

VERSION DATE: 04/26/20

Authorized by the Clean Water Act, the National Pollutant Discharge Elimination System (NPDES) permit program controls water pollution by regulating point sources that discharge pollutants into waters of the United States. This database is provided by the U.S. Environmental Protection Agency.

LUCIS Land Use Control Information System

VERSION DATE: 09/01/06

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

MLTS Material Licensing Tracking System

VERSION DATE: 06/29/17

MLTS is a list of approximately 8,100 sites which have or use radioactive materials subject to the United States Nuclear Regulatory Commission (NRC) licensing requirements. Disclaimer: Due to agency regulations and policies, this database contains applicant/licensee location information which may or may not be related to the physical location per MLTS site.

Environmental Records Definitions - FEDERAL

MRDS Mineral Resource Data System

VERSION DATE: 03/15/16

MRDS (Mineral Resource Data System) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS. The USGS has ceased systematic updates of the MRDS database with their focus more recently on deposits of critical minerals while providing a well-documented baseline of historical mine locations from USGS topographic maps. A few updates last occurred 2015 and early 2016 for select mine site area/s.

MSHA Mine Safety and Health Administration Master Index File

VERSION DATE: 08/07/20

The Mine dataset lists all Coal and Metal/Non-Metal mines under MSHA's jurisdiction since 1/1/1970. It includes such information as the current status of each mine (Active, Abandoned, NonProducing, etc.), the current owner and operating company, commodity codes and physical attributes of the mine. Mine ID is the unique key for this data. This information is provided by the United States Department of Labor - Mine Safety and Health Administration (MSHA).

NLRRCRAC No Longer Regulated RCRA Corrective Action Facilities

VERSION DATE: 12/14/20

This database includes RCRA Corrective Action facilities that are no longer regulated by the United States Environmental Protection Agency or do not meet other RCRA reporting requirements.

NLRRCRAT No Longer Regulated RCRA Non-CORRACTS TSD Facilities

VERSION DATE: 12/14/20

This database includes RCRA Non-Corrective Action TSD facilities that are no longer regulated by the United States Environmental Protection Agency or do not meet other RCRA reporting requirements. This listing includes facilities that formerly treated, stored or disposed of hazardous waste.

NMS Former Military Nike Missile Sites

VERSION DATE: 12/01/84

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline,

Environmental Records Definitions - FEDERAL

heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

NPDES06 National Pollutant Discharge Elimination System

VERSION DATE: 04/01/07

Authorized by the Clean Water Act, the National Pollutant Discharge Elimination System (NPDES) permit program controls water pollution by regulating point sources that discharge pollutants into waters of the United States. The NPDES database was collected from the U.S. Environmental Protection Agency (EPA) from December 2002 through April 2007. Refer to the ICIS and/or ICIS-NPDES database as source of current data. This database includes permitted facilities located in EPA Region 6. This region includes the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

NPL National Priorities List

VERSION DATE: 11/20/20

This database includes United States Environmental Protection Agency (EPA) National Priorities List sites that fall under the EPA's Superfund program, established to fund the cleanup of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action.

ODI Open Dump Inventory

VERSION DATE: 06/01/85

The open dump inventory was published by the United States Environmental Protection Agency. An "open dump" is defined as a facility or site where solid waste is disposed of which is not a sanitary landfill which meets the criteria promulgated under section 4004 of the Solid Waste Disposal Act (42 U.S.C. 6944) and which is not a facility for disposal of hazardous waste. This inventory has not been updated since June 1985.

PADS PCB Activity Database System

VERSION DATE: 11/19/20

PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of Polychlorinated Biphenyls (PCB) who are required to notify the U.S. Environmental Protection Agency of such activities.

PCSR06 Permit Compliance System

VERSION DATE: 08/01/12

The historic Permit Compliance System tracked enforcement status and permit compliance of facilities controlled

Environmental Records Definitions - FEDERAL

by the National Pollutant Discharge Elimination System (NPDES) under the Clean Water Act. This database includes permitted facilities located in EPA Region 6 states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas. This system has since been modernized by United States Environmental Protection Agency and is now integrated into the Integrated Compliance Information System (ICIS). Please refer to the ICIS database as the current source for this data.

PNPL Proposed National Priorities List

VERSION DATE: 11/20/20

This database contains sites proposed to be included on the National Priorities List (NPL) in the Federal Register. The United States Environmental Protection Agency investigates these sites to determine if they may present long-term threats to public health or the environment.

RCRAC Resource Conservation & Recovery Act - Corrective Action Facilities

VERSION DATE: 12/14/20

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities with corrective action activity.

RCRAGR06 Resource Conservation & Recovery Act - Generator

VERSION DATE: 12/14/20

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities currently generating hazardous waste. EPA region 6 includes the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

RCRANGR06 Resource Conservation & Recovery Act - Non-Generator

VERSION DATE: 12/14/20

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities classified as non-generators. Non-Generators do not presently generate hazardous waste. EPA

Environmental Records Definitions - FEDERAL

Region 6 includes the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

RCRASC RCRA Sites with Controls

VERSION DATE: 11/17/20

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities with institutional controls in place.

RCRASUBC Resource Conservation & Recovery Act - Subject to Corrective Action Facilities

VERSION DATE: 12/14/20

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities subject to corrective actions.

RCRAT Resource Conservation & Recovery Act - Non-CORRACTS Treatment, Storage & Disposal Facilities

VERSION DATE: 12/14/20

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities recognized as hazardous waste treatment, storage, and disposal sites (TSD).

RODS Record of Decision System

VERSION DATE: 09/21/20

These decision documents maintained by the United States Environmental Protection Agency describe the chosen remedy for NPL (Superfund) site remediation. They also include site history, site description, site characteristics, community participation, enforcement activities, past and present activities, contaminated media, the contaminants present, and scope and role of response action.

SEMS Superfund Enterprise Management System

VERSION DATE: 11/20/20

Environmental Records Definitions - FEDERAL

The U.S. Environmental Protection Agency's (EPA) Office of Solid Waste and Emergency Response, Office of Superfund Remediation and Technology Innovation (OSRTI), has implemented The Superfund Enterprise Management System (SEMS), formerly known as CERCLIS (Comprehensive Environmental Response, Compensation and Liability Information System) to track and report on clean-up and enforcement activities taking place at Superfund sites. SEMS represents a joint development and ongoing collaboration between Superfund's Remedial, Removal, Federal Facilities, Enforcement and Emergency Response programs.

SEMSARCH Superfund Enterprise Management System Archived Site Inventory

VERSION DATE: 11/20/20

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System Archived Site Inventory (List 8R Archived) replaced the CERCLIS NFRAP reporting system in 2015. This listing reflects sites at which the EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program.

SEMSLIENS SEMS Lien on Property

VERSION DATE: 06/22/20

The U.S. Environmental Protection Agency's (EPA) Office of Solid Waste and Emergency Response, Office of Superfund Remediation and Technology Innovation (OSRTI), has implemented The Superfund Enterprise Management System (SEMS), formerly known as CERCLIS (Comprehensive Environmental Response, Compensation and Liability Information System) to track and report on clean-up and enforcement activities taking place at Superfund sites. SEMS represents a joint development and ongoing collaboration between Superfund's Remedial, Removal, Federal Facilities, Enforcement and Emergency Response programs. This is a listing of SEMS sites with a lien on the property.

SFLIENS CERCLIS Liens

VERSION DATE: 06/08/12

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which United States Environmental Protection Agency 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. This database contains those CERCLIS sites where the Lien on Property action is complete. Please refer to the SEMSLIENS database as source of current data.

SMCRA Surface Mining Control and Reclamation Act Sites

VERSION DATE: 12/18/20

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by the Office of Surface Mining Reclamation and Enforcement (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

Environmental Records Definitions - FEDERAL

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.

SSEHRIPFAS

SSEHRI PFAS Contamination Sites

VERSION DATE: 12/12/19

This PFAS Contamination Site Tracker database is compiled by the Social Science Environmental Health Research Institute (SSEHRI) at Northeastern University. According to the SSEHRI, the database records qualitative and quantitative data from each known site of PFAS contamination, including timeline of discovery, sources, levels, health impacts, community response, and government response. The goal of this database is to compile information and support public understanding of the rapidly unfolding issue of PFAS contamination. All data presented was extracted from government websites, news articles, or publicly available documents, and this is cited in the tracker. Disclaimer: The source conveys this database undergoes regular updates as new information becomes available, some sites may be missing and/or contain information that is incorrect or outdated, as well as their information represents all contamination sites SSEHRI is aware of, not all possible contamination sites. This data is not intended to be used for legal purposes. Limited location details are available with this data. Please access the following source link for the most current information:
<https://pfasproject.com/pfas-contamination-site-tracker/>

SSTS

Section Seven Tracking System

VERSION DATE: 08/04/20

The United States Environmental Protection Agency tracks information on pesticide establishments through the Section Seven Tracking System (SSTS). SSTS records the registration of new establishments and records pesticide production at each establishment. The Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) requires that production of pesticides or devices be conducted in a registered pesticide-producing or device-producing establishment. "Production" includes formulation, packaging, repackaging, and relabeling. For this database, the Product Information is only available for establishments up through 2014 or prior years, product details are no longer released by the EPA within the current SSTS non-Confidential Business Information data.

TRI

Toxics Release Inventory

VERSION DATE: 12/31/18

The Toxics Release Inventory, provided by the United States Environmental Protection Agency, includes data on toxic chemical releases and waste management activities from certain industries as well as federal and tribal facilities. This inventory contains information about the types and amounts of toxic chemicals that are released each year to the air, water, and land as well as information on the quantities of toxic chemicals sent to other facilities for further waste management.

TSCA

Toxic Substance Control Act Inventory

VERSION DATE: 12/31/16

The Toxic Substances Control Act (TSCA) was enacted in 1976 to ensure that chemicals manufactured,

Environmental Records Definitions - FEDERAL

imported, processed, or distributed in commerce, or used or disposed of in the United States do not pose any unreasonable risks to human health or the environment. TSCA section 8(b) provides the United States Environmental Protection Agency (EPA) authority to "compile, keep current, and publish a list of each chemical substance that is manufactured or processed in the United States." This TSCA Chemical Substance Inventory contains non-confidential information on the production amount of toxic chemicals from each manufacturer and importer site. The EPA has collected Chemical Data Reporting (CDR) data since in 1986 (as Inventory Update Reporting). Collections occur approximately every four years and reporting requirements changed from collection to collection.

USUMTRCA

Uranium Mill Tailings Radiation Control Act Sites

VERSION DATE: 03/04/17

The Legacy Management Office of the Department of Energy (DOE) manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The L.M. Office manages this database of sites registered under the Uranium Mill Tailings Control Act (UMTRCA).

Environmental Records Definitions - STATE (LA)

ADS Approved Hurricane Debris Dump Sites

VERSION DATE: 01/29/21

This Louisiana Department of Environmental Quality listing of hurricane debris sites contains the temporary and the permitted landfills in the state that can currently accept hurricane debris (C&D, chipping, grinding, burning, staging, woodwaste). These landfills include Type I (Non-hazardous Industrial), Type II (Municipal) and Type III (Construction and Demolition Debris and Wood Waste).

ASBESTOS Asbestos Demolition and Renovation Notification Projects

VERSION DATE: 08/13/19

This listing of Asbestos Demolition and Renovation Projects is provided by the Louisiana Department of Environmental Quality (DEQ). In accordance with the DEQ Air Quality Regulations, LAC 33:III.5151.F.1.f, any contractor performing removal of asbestos containing material that involves Regulated Asbestos Containing Material (see definition in LAC 33:III.5151.B) must become licensed by the Louisiana State Licensing Board for Contractors.

CDL Clandestine Drug Laboratory Locations

VERSION DATE: 01/30/18

This list of Clandestine Methamphetamine Labs is provided by the Louisiana Department of Environmental Quality. These residential real properties have been reported as potentially contaminated.

CPI Confirmed and Potential Sites Inventory

VERSION DATE: 01/04/21

The Inactive and Abandoned Sites Division of the Louisiana Department of Environmental Quality maintains the confirmed and potential sites inventory. This listing contains state-equivalent CERCLIS hazardous wastes sites.

DCR Drycleaning Facilities

VERSION DATE: 10/19/20

This listing of drycleaning facilities was provided by the Louisiana Department of Environmental Quality.

HLUST Historical Leaking Underground Storage Tanks

VERSION DATE: 03/26/99

The Historical Leaking Underground Storage Tank database provides descriptive leaking facility reports from the Louisiana Department of Environmental Quality's Underground Storage Tanks Case History System. This database has not been updated since 1999. Please refer to LUST database as source of current data.

Environmental Records Definitions - STATE (LA)

IC Sites With Controls

VERSION DATE: 12/01/20

This site listing is maintained by the Louisiana Department of Environmental Quality's Remediation Division. Institutional controls (IC) are administrative and/or legal measures in place to safeguard the public and the environment from potential contamination. In certain circumstances, local zoning or ordinances can serve as an IC. This listing may also include locations where Engineering Controls are in effect, such as a cap, barrier, or other engineering device to prevent access, exposure, or continued migration of contamination.

LIENS Listing of Louisiana DEQ Liens

VERSION DATE: 10/05/20

This database contains liens filed against properties by the Louisiana Department of Environmental Quality's Office of Environmental Assessment/Remediation Division and the Underground Storage Tank Division.

LUST Leaking Underground Storage Tanks

VERSION DATE: 12/28/20

This database contains facilities with reported leaking underground storage tanks and is maintained by the by the Louisiana Department of Environmental Quality.

NLRUST No Longer Reported Underground Storage Tanks

VERSION DATE: 02/01/04

This Underground Storage Tank listing originates from the no longer active PEL filing system of the Louisiana Department of Environmental Quality.

RCY Recycling Facilities

VERSION DATE: 08/10/20

This listing of recycling facilities is maintained by the Louisiana Department of Environmental Quality.

SPILLS Spills Listing

VERSION DATE: 05/08/20

The Louisiana Department of Environmental Quality provides this database. Information includes releases of hazardous or potential hazardous chemical/materials into the environment.

SWLF Solid Waste Landfills

VERSION DATE: 12/28/20

Environmental Records Definitions - STATE (LA)

This Louisiana Department of Environmental Quality solid waste facility listing includes type I, II, and III landfills. A type I facility is used for the disposal of industrial solid waste. A type II facility is used for the disposal of residential or commercial solid waste. A type III facility is defined in LAC 33:VII.115 as a facility used for disposing or processing of construction/demolition debris or wood waste, composting organic waste to produce a usable material, or separating recyclable wastes. Residential, commercial, or industrial solid waste must not be disposed in a type III facility.

UST Underground Storage Tanks

VERSION DATE: 01/22/21

The Underground Storage Tank database includes a listing of registered underground storage tanks maintained by the Louisiana Department of Environmental Quality.

VRP Voluntary Remediation Program Sites

VERSION DATE: 12/01/20

The Louisiana Department of Environmental Quality's Voluntary Remediation Program (VRP) provides a mechanism by which property owners (or potential owners) or others can clean up contaminated properties and receive a release of liability for further cleanup of historical contamination at a site. This release of liability flows to future owners of the property as well.

WASTETIRE Waste Tire Generator List

VERSION DATE: 08/03/20

This listing of registered waste tire generators is maintained by the Louisiana Department of Environmental Quality.

WP Waste Pits

VERSION DATE: 01/01/99

This listing is from a 1999 Louisiana Oil Spill Coordinator's Office (LOSCO) study, which identified statewide abandoned non-hazardous waste pits and facilities that have the potential to initiate an oil spill.

Environmental Records Definitions - TRIBAL

INDIANRES

Indian Reservations

VERSION DATE: 09/27/17

This database is extracted from select geographic and cartographic information from the U.S. Census Bureau. The Bureau of Indian Affairs (BIA) within the U.S. Department of the Interior (DOI) provides the list of federally recognized tribes. The American Indian/Alaska Native/Native Hawaiian (AIANNH) Areas includes the following legal entities: federally recognized American Indian reservations and off-reservation trust land areas, state-recognized American Indian reservations, and Hawaiian home lands (HHLs). The boundaries for federally recognized American Indian reservations and off-reservation trust lands are as of January 2017. The boundaries for state-recognized American Indian reservations and for state designated tribal statistical areas were delineated by state governor-appointed liaisons for the 2010 Census through the State American Indian Reservation Program and Tribal Statistical Areas Program respectively.

LUSTR06

Leaking Underground Storage Tanks On Tribal Lands

VERSION DATE: 04/01/20

This database, provided by the United States Environmental Protection Agency (EPA), contains leaking underground storage tanks on Tribal lands located in EPA Region 6. This region includes the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

ODINDIAN

Open Dump Inventory on Tribal Lands

VERSION DATE: 11/08/06

This Indian Health Service database contains information about facilities and sites on tribal lands where solid waste is disposed of, which are not sanitary landfills or hazardous waste disposal facilities, and which meet the criteria promulgated under section 4004 of the Solid Waste Disposal Act (42 U.S.C. 6944).

USTR06

Underground Storage Tanks On Tribal Lands

VERSION DATE: 04/01/20

This database, provided by the United States Environmental Protection Agency (EPA), contains underground storage tanks on Tribal lands located in EPA Region 6. This region includes the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

Appendix 14.6 - Interview Documentation

USER QUESTIONNAIRE

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the “Brownfields Amendments”), 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 cleanup 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, see Note 1 below) identify any environmental liens filed or recorded against the property under federal, tribal, state or local law?

NOTE 1—In certain jurisdictions, federal, tribal, state, or local statutes, or regulations specify that environmental liens and AULs be filed in judicial records rather than in land title records. In such cases judicial records must be searched for environmental liens and AULs.

- No
 Yes

If “Yes,” please explain below.

(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, see Note 1 above) identify any 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?

- No
 Yes

If “Yes,” please explain below.

(3.) Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28). 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?

- No
 Yes

If “Yes,” please explain below.

(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?

- No
 Yes

If "No," please explain below.

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

CFR 312.30). 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?
(b.) Do you know of specific chemicals that are present or once were present at the property?
(c.) Do you know of spills or other chemical releases that have taken place at the property?
(d.) Do you know of any environmental cleanups that have taken place at the property?

- No
 Yes

Past Use _____
Chemicals Used _____
Spills or Releases _____
Environmental Cleanups _____

(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 investigation (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?

- No
 Yes

If "Yes," please explain below.

Zach Hager
Printed Name


Signature

Pre - Site Visit Inquiry

Person Contacted: <input type="checkbox"/> Key Site Manager <input checked="" type="checkbox"/> Owner <input type="checkbox"/> User	Printed Name:	Bryan Cagon
	Signature:	<i>Bryan Cagon</i>
	Date:	2/9/21
	How Contacted:	
		<input checked="" type="checkbox"/> in person <input type="checkbox"/> telephone <input type="checkbox"/> in writing

Any documents below exist :	yes	no†	Copies available?
Environmental site assessment reports (Please note any findings below)	✓		
Environmental audit reports		✓	
Hazardous waste generator notices or reports		✓	
Geotechnical studies	✓		
Risk Assessments		✓	
Recorded AUL's (Activity Use Limitations)		✓	
Environmental permits (for example, solid waste disposal permits, hazardous waste disposal permits, wastewater permits, NPDES permits, underground injection permits)		✓	
Registrations for underground and above-ground storage tanks		✓	
Registration for underground injection systems		✓	
Material safety data sheets		✓	
Community right-to-know plan		✓	
Safety plans; preparedness and prevention plans; spill prevention, countermeasure, and control plans; etc.		✓	
Reports regarding hydrogeologic conditions on the property or surrounding area		✓	
Notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property		✓	
Notices from any government entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products		✓	
Pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property		✓	
Pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the property		✓	

† A "no" answer indicates the person is unaware of the existence of such documents

Prior Assessment Finding (If none then N/A)

Site Interview

<p style="text-align: center;">Person Interviewed</p> <p><input type="checkbox"/> Key Site Manager</p> <p><input type="checkbox"/> Occupant (Occupant since _____)</p> <p><input checked="" type="checkbox"/> Other (Owner, etc.)</p>	<p>Name <i>Bryan Cagon</i></p> <p>Signature <i>[Signature]</i></p>	<p>Date <i>2/9/21</i></p>	
How Conducted:			
<input checked="" type="checkbox"/> in person <input type="checkbox"/> telephone <input type="checkbox"/> in writing			

Any present or past knowledge of:	yes	no	
hazardous substances used		✓	
petroleum products used		✓	
above ground storage tanks		✓	
underground storage tanks		✓	
odors		✓	
pools of liquid		✓	
drums (> 5 gallons)		✓	
hydraulic/electric equipment (PCB)		✓	
stains or corrosion on structures		✓	
floor drains/sumps		✓	
pits, ponds, lagoons on Property		✓	
pits, ponds, lagoons on adjacent property		✓	
stained soil/pavement		✓	
stressed vegetation		✓	
filled areas (fill material?)		✓	
graded areas		✓	
mounds		✓	
depressions		✓	
waste water flows		✓	
all wells inc dry wells			
dry wells-underground areas where soil has been removed and replaced with pea gravel, coarse sand, or large rocks		✓	
septic systems (and age of system)		✓	
gasoline station on property or adjoining		✓	
motor repair facility on property or adjoining		✓	
commercial printing on property or adjoining		✓	
dry cleaners on property or adjoining		✓	
junkyard on property or adjoining		✓	
landfill on property or adjoining		✓	
photo developing on property or adjoining		✓	
waste treatment on property or adjoining		✓	

Subject property usage (Please provide history): *farming*

The person(s) interviewed should be asked to be as specific as reasonably feasible in answering questions. The person(s) interviewed should be asked to answer in good faith and to the extent of their knowledge. While the person conducting the interview(s) has an obligation to ask questions, in many instances the persons to whom the questions are addressed will have no obligation to answer them. If the person interviewed is the user, the user has an obligation to answer all questions, in good faith, to the extent of his or her actual knowledge or to designate a key site manager to do so.

Appendix 14.7 - Special Contractual Conditions



December 11, 2020

Mr. Zach Hager
One Acadiana
807 E St. Mary Blvd.
Lafayette, LA 70503

RE: PROPOSAL FOR PHASE I / ENVIRONMENTAL SITE ASSESSMENT
LOCATION: CAGAN SITE
LAFAYETTE PARISH, LOUISIANA

H & H Environmental, Inc. is pleased to offer the following proposal for your consideration:

SCOPE OF WORK

H & H Environmental, Inc. proposes to conduct a Phase I / Environmental Site Assessment (ESA) on the specified tract in general accordance with American Society of Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (ASTM Designation E 1527-13). This Standard Practice reflects a commercially prudent and reasonable inquiry. The goal of the Phase I / ESA will be to identify conditions indicative of releases or threatened releases of hazardous substances.

The Phase I elements are as follows:

❖ **Government Records Review**

- A regulatory agency database listing will be obtained from a commercial source to identify regulated sites within the appropriate search distances.

❖ **Site Reconnaissance**

- A visual inspection of the property and structures will be conducted to assess any current obvious conditions indicative of releases or threatened releases of hazardous substances.

❖ **Historical Use Research**

- Historical aerial photographs, historical topographic maps, and, where available, Sanborn Maps and City Directories, will be reviewed to aid in determining past uses of the property.

❖ **Interviews with Past and Present Owners and Occupants**

- Interviews are normally conducted by telephone with individuals who have good knowledge of the uses and physical characteristics of the property.

❖ **Documentation and Report**

- The findings of the records review, site reconnaissance, historical research, and interview documentation, as well as vicinity and site maps, and site photographs will be compiled into a report. An electronic copy of the report is normally supplied. Additional hard copies are available upon request.

The User of the Phase I ESA, One Acadiana would be required to provide the following information with regards to the property, as applicable:

- Environmental cleanup liens filed or recorded against the site.
- Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry.
- Specialized knowledge or experience related to the property or nearby properties.
- Relationship of the purchase price to the fair market value of the property.
- The degree of obviousness of the presence or likely presence of contamination at the property.
- Commonly known or reasonably ascertainable information about the property that would help to identify conditions indicative of releases or threatened releases.

Please note that the User will also be required to present a copy of the chain of title search to H & H Environmental, Inc. **In the event that the chain of title is not provided by the User, H & H Environmental, Inc. will not search the chain of title to determine historical uses of the subject property or to determine if any environmental cleanup liens were filed.**

NON-SCOPE SERVICES

The following environmental issues or conditions that are beyond the scope of ASTM 1527-13 may exist on a property. The Phase I Report will not address these issues.

- Asbestos-Containing Building Materials,
- Biological agents,
- Cultural and historic resources,
- Ecological resources,
- Endangered species,
- Health and safety,
- Indoor air quality unrelated to releases of hazardous substances or petroleum products into the environment,
- Industrial hygiene,
- Lead-Based Paint,
- Lead in Drinking Water,

- Mold,
- Radon,
- Regulatory compliance, and
- Wetland

PROPOSED COST

H & H Environmental, Inc. will conduct a Phase I Environmental Site Assessment on the specified tract per ASTM E 1527-13 for a fee of **\$2,400** which is an all-inclusive price of any expenses incurred during the project.

ESTIMATED TIME

The final report will be emailed or shipped within 2 weeks of proposal approval.

H & H Environmental, Inc. appreciates being given the opportunity to submit this proposal. If you have any questions or need additional information, please do not hesitate to contact me at (337) 230-6712 or blcharmon@bellsouth.net.

Sincerely,
H & H Environmental, Inc.



Ben Harmon
President



Troy L. Wayman, President + CEO
ONS ACADIANA

Appendix 14.8 - Qualification(s) of the Environmental Professional
(Please see Section 13.0)

Appendix 14.9 - Industry Standard Definitions

Industry Standard Definitions for Reference as defined in ASTM E1527-13

abandoned property—*property* that can be presumed to be deserted, or an intent to relinquish possession or control can be inferred from the general disrepair or lack of activity thereon such that a reasonable person could believe that there was an intent on the part of the current *owner* to surrender rights to the *property*.

activity and use limitations—legal or physical restrictions or limitations on the use of, or access to, a site or facility: (1) to reduce or eliminate potential exposure to *hazardous substances* or *petroleum products* in the soil, soil vapor, groundwater, and/or surface water on the *property*, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or *engineering controls*, are intended to prevent adverse impacts to individuals or populations that may be exposed to *hazardous substances* and *petroleum products* in the soil, soil vapor, groundwater, and/or surface water on the *property*. See [Note 1](#).

NOTE 1—The term *AUL* is taken from Guide [E2091](#) to include both legal (that is, institutional) and physical (that is, engineering) controls within its scope. Other agencies, organizations, and jurisdictions may define or utilize these terms differently (for example, EPA and California do not include physical controls within their definitions of “*institutional controls*.” Department of Defense and International County/City Management Association use “Land Use Controls.” The term “land use restrictions” is used but not defined in the *Brownfields Amendments*).

actual knowledge—the knowledge actually possessed by an individual who is a real person, rather than an entity. *Actual knowledge* is to be distinguished from constructive knowledge that is knowledge imputed to an individual or entity.

adjoining properties—any real *property* or properties the border of which is contiguous or partially contiguous with that of the *property*, or that would be contiguous or partially contiguous with that of the *property* but for a street, road, or other public thoroughfare separating them.

aerial photographs—photographs taken from an aerial platform with sufficient resolution to allow identification of development and activities of areas encompassing the *property*. *Aerial photographs* are often available from government agencies or private collections unique to a local area.

all appropriate inquiries—that inquiry constituting *all appropriate inquiries* into the previous ownership and uses of the *property* consistent with good commercial and customary practice as defined in CERCLA, 42 U.S.C §9601(35)(B), that will qualify a party to a *commercial real estate transaction* for one of the threshold criteria for satisfying the *LLPs* to CERCLA liability (42 U.S.C §9601(35)(A) & (B), §9607(b)(3), §9607(q); and §9607(r)), assuming compliance with other elements of the defense.

approximate minimum search distance—the area for which records must be obtained and reviewed pursuant to Section 8 of ASTM 1527-13 subject to the limitations provided in that section. This may include areas outside the *property* and shall be measured from the nearest *property* boundary. This term is used in lieu of radius to include irregularly shaped properties.

bona fide prospective purchaser liability protection—(42 U.S.C. §9607(r))—a person may qualify as a bona fide prospective purchaser if, among other requirements, such person made “all appropriate inquiries into the previous ownership and uses of the facility in accordance with generally accepted good commercial and customary standards and practices.” Knowledge of contamination resulting from *all appropriate inquiries* would not generally preclude this liability protection. A person must make *all appropriate inquiries* on or before the date of purchase. The facility must have been purchased after January 11, 2002.

Brownfields Amendments—amendments to CERCLA pursuant to the Small Business Liability Relief and Brownfields Revitalization Act, Pub. L. No. 107-118 (2002), 42 U.S.C. §§9601 *et seq.*

building department records—those records of the local government in which the *property* is located indicating permission of the local government to construct, alter, or demolish improvements on the *property*. Often *building department records* are located in the building department of a municipality or county. See 8.3.4.7 of ASTM 1527-13.

business environmental risk—a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of *commercial real estate*, not necessarily limited to those environmental issues required to be investigated in this practice. Consideration of *business environmental risk* issues may involve addressing one or more non-scope considerations, some of which are identified in Section 13 of ASTM 1527-13.

commercial real estate—any real *property* except a *dwelling* or *property* with no more than four *dwelling* units exclusively for residential use (except that a *dwelling* or *property* with no more than four *dwelling* units exclusively

for residential use is included in this term when it has a commercial function, as in the building of such *dwelling*s for profit). This term includes but is not limited to undeveloped real *property* and real *property* used for industrial, retail, office, agricultural, other commercial, medical, or educational purposes; *property* used for residential purposes that has more than four residential *dwelling* units; and *property* with no more than four *dwelling* units for residential use when it has a commercial function, as in the building of such *dwelling*s for profit.

commercial real estate transaction—a transfer of title to or possession of real *property* or receipt of a security interest in real *property*, except that it does not include transfer of title to or possession of real *property* or the receipt of a security interest in real *property* with respect to an individual *dwelling* or building containing fewer than five *dwelling* units, nor does it include the purchase of a lot or lots to construct a *dwelling* for occupancy by a purchaser, but a *commercial real estate* transaction does include real *property* purchased or leased by persons or entities in the business of building or developing *dwelling* units.

Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)— the list of sites compiled by EPA that EPA has investigated or is currently investigating for potential *hazardous substance* contamination for possible inclusion on the *National Priorities List*.

construction debris—concrete, brick, asphalt, and other such building materials discarded in the construction of a building or other improvement to *property*.

contaminated public wells—public wells used for drinking water that have been designated by a government entity as contaminated by *hazardous substances* (for example, chlorinated *solvents*), or as having water unsafe to drink without treatment.

contiguous property owner liability protection—(42 U.S.C. §9607(q))—a person may qualify for the *contiguous property owner liability protection* if, among other requirements, such person owns real *property* that is contiguous to, and that is or may be contaminated by *hazardous substances* from other real *property* that is not owned by that person. Furthermore, such person conducted *all appropriate inquiries* at the time of acquisition of the *property* and did not know or have reason to know that the *property* was or could be contaminated by a *release* or threatened *release* from the contiguous *property*. The *all appropriate inquiries* must not result in knowledge of contamination. If it does, then such person did “know” or “had reason to know” of contamination and would not be eligible for the *contiguous property owner liability protection*. See Appendix X1 of ASTM 1527-13 for the other necessary requirements that are beyond the scope of this practice.

controlled recognized environmental condition—a *recognized environmental condition* resulting from a past *release* of *hazardous substances* or *petroleum products* that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with *hazardous substances* or *petroleum products* allowed to remain in place subject to the implementation of required controls (for example, *property* use restrictions, *activity and use limitations*, *institutional controls*, or *engineering controls*). (See [Note 2](#).) A condition considered by the *environmental professional* to be a *controlled recognized environmental condition* shall be listed in the findings section of the *Phase I Environmental Site Assessment report*, and as a *recognized environmental condition* in the conclusions section of the *Phase I Environmental Site Assessment report*. (See [Note 3](#).)

NOTE 2—For example, if a leaking underground storage tank has been cleaned up to a commercial use standard, but does not meet unrestricted residential cleanup criteria, this would be considered a controlled recognized environmental condition. The “control” is represented by the restriction that the property use remain commercial.

NOTE 3—A condition identified as a *controlled recognized environmental condition* does not imply that the *environmental professional* has evaluated or confirmed the adequacy, implementation, or continued effectiveness of the required control that has been, or is intended to be, implemented.

CORRACTS list—a list maintained by EPA of *hazardous waste* treatment, storage, or disposal facilities and other RCRA-regulated facilities (due to past interim status or storage of *hazardous waste* beyond 90 days) that have been notified by the U.S. Environmental Protection Agency to undertake corrective action under RCRA. The *CORRACTS list* is a subset of the EPA database that manages RCRA data.

data failure—a failure to achieve the historical research objectives in 8.3.1 through 8.3.2.2 of ASTM 1527-13 even after reviewing the *standard historical sources* in 8.3.4.1 through 8.3.4.8 of ASTM 1527-13 that are *reasonably ascertainable* and likely to be useful. *Data failure* is one type of *data gap*. See 8.3.2.3 of ASTM 1527-13.

data gap—a lack of or inability to obtain information required by this practice despite *good faith* efforts by the *environmental professional* to gather such information. *Data gaps* may result from incompleteness in any of the activities required by this practice, including, but not limited to *site reconnaissance* (for example, an inability to conduct the *site visit*), and *interviews* (for example, an inability to interview the *key site manager*, regulatory officials, etc.). See 12.7 of ASTM 1527-13.

de minimis condition—a condition that generally does not present a threat to human health or the *environment* and

that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis conditions* are not *recognized environmental conditions* nor *controlled recognized environmental conditions*.

demolition debris—concrete, brick, asphalt, and other such building materials discarded in the demolition of a building or other improvement to *property*.

drum—a container (typically, but not necessarily, holding 55 gal (208 L) of liquid) that may be used to store *hazardous substances* or *petroleum products*.

dry wells—underground areas where soil has been removed and replaced with pea gravel, coarse sand, or large rocks. *Dry wells* are used for drainage, to control storm runoff, for the collection of spilled liquids (intentional and nonintentional) and *wastewater* disposal (often illegal).

due diligence—the process of inquiring into the environmental characteristics of a parcel of *commercial real estate* or other conditions, usually in connection with a *commercial real estate* transaction. The degree and kind of *due diligence* vary for different properties and differing purposes. See Appendix X1 of ASTM 1527-13.

dwelling—structure or portion thereof used for residential habitation.

engineering controls (EC)—physical modifications to a site or facility (for example, capping, slurry walls, or point of use water treatment) to reduce or eliminate the potential for exposure to *hazardous substances* or *petroleum products* in the soil or groundwater on the *property*. *Engineering controls* are a type of activity and use limitation (AUL).

environment—environment shall have the same meaning as the definition of environment in CERCLA 42 U.S.C. § 9601(8)). For additional background information, see Legal Appendix (Appendix X1) to section XI. 1.1 “Releases and Threatened Release” of ASTM 1527-13.

environmental compliance audit—the investigative process to determine if the operations of an existing facility are in compliance with applicable environmental laws and regulations. This term should not be used to describe this practice, although an *environmental compliance audit* may include an *environmental site assessment* or, if prior audits are available, may be part of an *environmental site assessment*.

environmental lien—a charge, security, or encumbrance upon title to a *property* to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of *hazardous substances* or *petroleum products* upon a *property*, including (but not limited to) liens imposed pursuant to CERCLA 42 U.S.C. §§9607(1) & 9607(r) and similar state or local laws.

environmental professional—a person meeting the education, training, and experience requirements as set forth in 40 CFR §312.10(b). For the convenience of the reader, this section is reprinted in Appendix X2 of ASTM 1527-13. The person may be an independent contractor or an employee of the *user*.

environmental site assessment (ESA)—the process by which a person or entity seeks to determine if a particular parcel of real *property* (including improvements) is subject to *recognized environmental conditions*. At the option of the *user*, an *environmental site assessment* may include more inquiry than that constituting *all appropriate inquiries* or, if the *user* is not concerned about qualifying for the *LLPs*, less inquiry than that constituting *all appropriate inquiries*. An *environmental site assessment* is both different from and often less rigorous than an *environmental compliance audit*.

ERNS list—EPA’s emergency response notification system list of reported CERCLA *hazardous substance releases* or spills in quantities greater than the reportable quantity, as maintained at the National Response Center. Notification requirements for such *releases* or spills are codified in 40 CFR Parts 302 and 355.

Federal Register, (FR)—publication of the United States government published daily (except for federal holidays and weekends) containing all proposed and final regulations and some other activities of the federal government. When regulations become final, they are included in the Code of Federal Regulations (CFR), as well as published in the *Federal Register*.

fill dirt—dirt, soil, sand, or other earth, that is obtained off-site, that is used to fill holes or depressions, create mounds, or otherwise artificially change the grade or elevation of real *property*. It does not include material that is used in limited quantities for normal landscaping activities.

fire insurance maps—maps produced for private fire insurance map companies that indicate uses of properties at specified dates and that encompass the *property*. These maps are often available at local libraries, historical societies, private resellers, or from the map companies who produced them.

good faith—the absence of any intention to seek an unfair advantage or to defraud another party; an honest and sincere intention to fulfill one’s obligations in the conduct or transaction concerned.

hazardous substance—a substance defined as a *hazardous substance* pursuant to CERCLA 42 U.S.C. §9601(14), as interpreted by EPA regulations and the courts:“ (A) any substance designated pursuant to section 1321(b)(2)(A) of

Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title, (C) any *hazardous waste* having the characteristics identified under or listed pursuant to section 3001 of the Resource Conservation and Recovery Act of 1976 (RCRA), as amended, (42 U.S.C. §6921) (but not including any waste the regulation of which under RCRA (42 U.S.C. §§6901 *et seq.*) has been suspended by Act of Congress), (D) any toxic pollutant listed under section 1317(a) of Title 33, (E) any hazardous air pollutant listed under section 112 of the Clean Air Act (42 U.S.C. §7412), and (F) any imminently hazardous chemical substance or mixture with respect to which the Administrator (of EPA) has taken action pursuant to section 2606 of Title 15. The term does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a *hazardous substance* under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).” (See Appendix X1 of ASTM 1527-13.)

hazardous waste—any *hazardous waste* having the characteristics identified under or listed pursuant to section 3001 of RCRA, as amended, (42 U.S.C. §6921) (but not including any waste the regulation of which under RCRA (42 U.S.C. §§6901-6992k) has been suspended by Act of Congress). RCRA is sometimes also identified as the Solid Waste Disposal Act. RCRA defines a *hazardous waste*, at 42 U.S.C. §6903, as: “a solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may— (A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible, illness; or (B) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed.”

hazardous waste/contaminated sites—sites on which a *release* has occurred, or is suspected to have occurred, of any *hazardous substance*, *hazardous waste*, or *petroleum products*, and that *release* or suspected *release* has been reported to a government entity.

historical recognized environmental condition—a past *release* of any *hazardous substances* or *petroleum products* that has occurred in connection with the *property* and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the *property* to any required controls (for example, *property* use restrictions, *activity and use limitations*, *institutional controls*, or *engineering controls*). Before calling the past *release* a *historical recognized environmental condition*, the *environmental professional* must determine whether the past *release* is a *recognized environmental condition* at the time the *Phase I Environmental Site Assessment* is conducted (for example, if there has been a change in the regulatory criteria). If the EP considers the past *release* to be a *recognized environmental condition* at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a *recognized environmental condition*.

IC/EC registries—databases of *institutional controls* or *engineering controls* that may be maintained by a federal, state or local environmental agency for purposes of tracking sites that may contain residual contamination and AULs. The names for these may vary from program to program and state to state, and include terms such as Declaration of Environmental Use Restriction database (Arizona), list of “deed restrictions” (California), environmental real covenants list (Colorado), brownfields site list (Indiana, Missouri) and the Pennsylvania Activity and Use Limitation (PA AUL) Registry.

innocent landowner defense—(42 U.S.C. §§9601(35) & 9607(b)(3))—a person may qualify as one of three types of innocent landowners: (i) a person who “did not know and had no reason to know” that contamination existed on the *property* at the time the purchaser acquired the *property*; (ii) a government entity which acquired the *property* by escheat, or through any other involuntary transfer or acquisition, or through the exercise of eminent domain authority by purchase or condemnation; and (iii) a person who “acquired the facility by inheritance or bequest.” To qualify for the innocent landowner defense, such person must have made *all appropriate inquiries* on or before the date of purchase. Furthermore, the *all appropriate inquiries* must not have resulted in knowledge of the contamination. If it does, then such person did “know” or “had reason to know” of contamination and would not be eligible for the *innocent landowner defense*. See Appendix X1 of ASTM 1527-13 for the other necessary requirements that are beyond the scope of this practice.

institutional controls (IC)—a legal or administrative restriction (for example, “deed restrictions,” restrictive covenants, easements, or zoning) on the use of, or access to, a site or facility to (1) reduce or eliminate potential exposure to *hazardous substances* or *petroleum products* in the soil or groundwater on the *property*, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. An *institutional control* is a type of *Activity and Use Limitation (AUL)*.

interviews—those portions of this practice that are contained in Section 10 and 11 of ASTM 1527-13 thereof and address questions to be asked of past and present *owners*, *operators*, and *occupants* of the *property* and questions to be asked of local government officials.

key site manager—the person identified by the *owner* or *operator* of a *property* as having good knowledge of the

uses and physical characteristics of the *property*. See 10.5.1 of ASTM 1527-13.

landfill—a place, location, tract of land, area, or premises used for the disposal of solid wastes as defined by state solid waste regulations. The term is synonymous with the term *solid waste disposal site* and is also known as a garbage dump, trash dump, or similar term.

Landowner Liability Protections (LLPs)—*landowner liability protections* under CERCLA; these protections include the *bona fide prospective purchaser liability protection*, *contiguous property owner liability protection*, and *innocent landowner defense* from CERCLA liability. See 42 U.S.C.

§§9601(35)(A), 9601(40), 9607(b), 9607(q), 9607(r).

local government agencies—those agencies of municipal or county government having jurisdiction over the *property*. Municipal and county government agencies include but are not limited to cities, parishes, townships, and similar entities.

local street directories—directories published by private (or sometimes government) sources that show ownership, occupancy, and/or use of sites by reference to street addresses. Often *local street directories* are available at libraries, or historical societies, and/or local municipal offices. See 8.3.4.6 of ASTM 1527-13.

LUST sites—state lists of leaking *underground storage tank* sites. RCRA gives EPA and states, under cooperative agreements with EPA, authority to clean up *releases* from UST systems or require *owners* and *operators* to do so. (42 U.S.C. §6991b).

major occupants—those tenants, subtenants, or other persons or entities each of which uses at least 40 % of the leasable area of the *property* or any anchor tenant when the *property* is a shopping center.

material safety data sheet (MSDS)—written or printed material concerning a *hazardous substance* which is prepared by chemical manufacturers, importers, and employers for hazardous chemicals pursuant to OSHA’s Hazard Communication Standard, 29 C.F.R. §1910.1200.

material threat—a physically observable or *obvious* threat which is reasonably likely to lead to a *release* that, in the opinion of the *environmental professional*, is threatening and might result in impact to public health or the environment. An example might include an aboveground storage tank system that contains a *hazardous substance* and which shows evidence of damage. The damage would represent a *material threat* if it is deemed serious enough that it may cause or contribute to tank integrity failure with a *release* of contents to the *environment*.

migrate/migration—for the purposes of this practice, “migrate” and “migration” refers to the movement of *hazardous substances* or *petroleum products* in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface. See [Note 4](#).

NOTE 4—Vapor migration in the subsurface is described in Guide [E2600](#); however, nothing in this practice should be construed to require application of the Guide [E2600](#) standard to achieve compliance with all appropriate inquiries.

National Contingency Plan (NCP)—the National Oil and Hazardous Substances Pollution Contingency Plan, found at 40 C.F.R. Part 300, that is the EPA’s blueprint on how *hazardous substances* are to be cleaned up pursuant to CERCLA.

National Priorities List (NPL)—list compiled by EPA pursuant to CERCLA 42 U.S.C. §9605(a)(8)(B) of properties with the highest priority for cleanup pursuant to EPA’s Hazard Ranking System. See 40 C.F.R. Part 300.

obvious—that which is plain or evident; a condition or fact that could not be ignored or overlooked by a reasonable observer while visually or physically observing the *property*.

occupants—those tenants, subtenants, or other persons or entities using the *property* or a portion of the *property*.

operator—the person responsible for the overall operation of a facility.

other historical sources—any source or sources other than those designated in 8.3.4.1 through 8.3.4.8 of ASTM 1527-13 that are credible to a reasonable person and that identify past uses of the *property*. The term includes, but is not limited to: miscellaneous maps, newspaper archives, internet sites, community organizations, local libraries, historical societies, current *owners* or *occupants* of neighboring properties, and records in the files and/or personal knowledge of the *property owner* and/or *occupants*. See 8.3.4.9 of ASTM 1527-13.

owner—generally the fee *owner* of record of the *property*.

petroleum exclusion—the exclusion from CERCLA liability provided in 42 U.S.C. §9601(14), as interpreted by the courts and EPA: “The term (*hazardous substance*) does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a *hazardous substance* under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).”

petroleum products—those substances included within the meaning of the *petroleum exclusion* to CERCLA, 42 U.S.C. §9601(14), as interpreted by the courts and EPA, that is: petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a *hazardous substance* under Subparagraphs (A) through (F) of 42 U.S.C. § 9601(14), natural gas, natural gas liquids, liquefied natural gas, and synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas). (The word fraction refers to certain distillates of crude oil, including gasoline, kerosine, diesel oil, jet fuels, and fuel oil, pursuant to Standard Definitions of Petroleum Statistics.¹)

Phase I Environmental Site Assessment—the process described in this practice.

physical setting sources—sources that provide information about the geologic, hydrogeologic, hydrologic, or topographic characteristics of a *property*. See 8.2.4 of ASTM 1527-13.

pits, ponds, or lagoons—man-made or natural depressions in a ground surface that are likely to hold liquids or sludge containing *hazardous substances* or *petroleum products*. The likelihood of such liquids or sludge being present is determined by evidence of factors associated with the pit, pond, or lagoon, including, but not limited to, discolored water, distressed vegetation, or the presence of an *obvious wastewater* discharge.

practically reviewable—information that is *practically reviewable* means that the information is provided by the source in a manner and in a form that, upon examination, yields information relevant to the *property* without the need for extraordinary analysis of irrelevant data. The form of the information shall be such that the *user* can review the records for a limited geographic area. Records that cannot be feasibly retrieved by reference to the location of the *property* or a geographic area in which the *property* is located are not generally *practically reviewable*. Most databases of public records are *practically reviewable* if they can be obtained from the source agency by the county, city, zip code, or other geographic area of the facilities listed in the record system. Records that are sorted, filed, organized, or maintained by the source agency only chronologically are not generally *practically reviewable*. Listings in *publicly available* records which do not have adequate address information to be located geographically are not generally considered *practically reviewable*. For large databases with numerous records (such as RCRA hazardous waste generators and registered *underground storage tanks*), the records are not *practically reviewable* unless they can be obtained from the source agency in the smaller geographic area of zip codes. Even when information is provided by zip code for some large databases, it is common for an unmanageable number of sites to be identified within a given zip code. In these cases, it is not necessary to review the impact of all of the sites that are likely to be listed in any given zip code because that information would not be *practically reviewable*. In other words, when so much data is generated that it cannot be feasibly reviewed for its impact on the *property*, it is not *practically reviewable*.

property—the real *property* that is the subject of the *environmental site assessment* described in this practice. Real *property* includes buildings and other fixtures and improvements located on the *property* and affixed to the land.

property tax files—the files kept for *property* tax purposes by the local jurisdiction where the *property* is located and may include records of past ownership, appraisals, maps, sketches, photos, or other information that is *reasonably ascertainable* and pertaining to the *property*. See 8.3.4.3 of ASTM 1527-13.

publicly available—information that is *publicly available* means that the source of the information allows access to the information by anyone upon request.

RCRA generators—those persons or entities that generate *hazardous wastes*, as defined and regulated by RCRA.

RCRA generators list—list kept by EPA of those persons or entities that generate *hazardous wastes* as defined and regulated by RCRA.

RCRA TSD facilities list—list kept by EPA of those facilities on which treatment, storage, and/or disposal of *hazardous wastes* takes place, as defined and regulated by RCRA.

RCRA TSD facilities—those facilities on which treatment, storage, and/or disposal of *hazardous wastes* takes place, as defined and regulated by RCRA.

reasonably ascertainable—information that is (1) *publicly available*, (2) obtainable from its source within reasonable time and cost constraints, and (3) *practically reviewable*.

recognized environmental conditions—the presence or likely presence of any *hazardous substances* or *petroleum products* in, on, or at a *property*: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a *material threat* of a future release to the environment. *De minimis conditions* are not *recognized environmental conditions*.

recorded land title records—records of historical fee ownership, which may include leases, land contracts, and

¹ *Standard Definitions of Petroleum Statistics*, American Petroleum Institute, Fifth Edition, 1995.

AULs on or of the *property* recorded in the place where land title records are, by law or custom, recorded for the local jurisdiction in which the *property* is located. (Often such records are kept by a municipal or county recorder or clerk.) Such records may be obtained from title companies or directly from the local government agency. Information about the title to the *property* that is recorded in a U.S. district court or any place other than where land title records are, by law or custom, recorded for the local jurisdiction in which the *property* is located, are not considered part of *recorded land title records*. See 8.3.4.4 of ASTM 1527-13.

records of emergency release notifications EPCRA—(42 U.S.C. §11004)—requires *operators* of facilities to notify their local emergency planning committee (as defined in EPCRA) and state emergency response commission (as defined in EPCRA) of any *release* beyond the facility's boundary of any reportable quantity of any extremely *hazardous substance*. Often the local fire department is the local emergency planning committee. Records of such notifications are "Records of Emergency Release Notifications" (42 U.S.C. 11004).

records review—that part that is contained in Section 8 of ASTM 1527-13 that addresses which records shall or may be reviewed.

release—a *release* of any *hazardous substance* or *petroleum product* shall have the same meaning as the definition of "release" in CERCLA 42 U.S.C. § 9601(22)). For additional background information, see Legal Appendix (Appendix X1) to X1.1.1 "Releases and Threatened Release." of ASTM 1527-13.

report—the written *report* prepared by the *environmental professional* and constituting part of a "Phase I Environmental Site Assessment," as required by this practice.

site reconnaissance—that part that is contained in Section 9 of ASTM 1527-13 and addresses what should be done in connection with the *site visit*. The *site reconnaissance* includes, but is not limited to, the *site visit* done in connection with such a *Phase I Environmental Site Assessment*.

site visit—the visit to the *property* during which observations are made constituting the *site reconnaissance* section of this practice.

solid waste disposal site—a place, location, tract of land, area, or premises used for the disposal of solid wastes as defined by state solid waste regulations. The term is synonymous with the term *landfill* and is also known as a

solvent—a chemical compound that is capable of dissolving another substance and may itself be a *hazardous substance*, used in a number of manufacturing/industrial processes including but not limited to the manufacture of paints and coatings for industrial and household purposes, equipment clean-up, and surface degreasing in metal fabricating industries.

standard environmental record sources—those records specified in 8.2.1 of ASTM 1527-13.

standard historical sources—those sources of information about the history of uses of *property* specified in 8.3.4 of ASTM 1527-13.

standard physical setting source—a current *USGS 7.5 Minute Topographic Map* (if any) showing the area on which the *property* is located. See 8.2.4 of ASTM 1527-13.

standard practice—the activities set forth in this practice.

standard sources—sources of environmental, physical setting, or historical records specified in Section 8 of ASTM 1527-13.

state registered USTs—state lists of *underground storage tanks* required to be registered under Subtitle I, Section 9002 of RCRA.

sump—a pit, cistern, cesspool, or similar receptacle where liquids drain, collect, or are stored.

TSD facility—treatment, storage, or disposal facility (see *RCRA TSD facilities*).

underground injection—the emplacement or discharge of fluids into the subsurface by means of a well, improved sinkhole, sewage drain hole, subsurface fluid distribution system or other system, or groundwater point source.

underground storage tank (UST)—any tank, including underground piping connected to the tank, that is or has been used to contain *hazardous substances* or *petroleum products* and the volume of which is 10 % or more beneath the surface of the ground.

user—the party seeking to use Practice E1527 to complete an *environmental site assessment* of the *property*. A *user* may include, without limitation, a potential purchaser of *property*, a potential tenant of *property*, an *owner* of *property*, a lender, or a *property* manager. The *user* has specific obligations for completing a successful application of this practice outlined in Section 6 of ASTM 1527-13.

USGS 7.5 Minute Topographic Map—the map (if any) available from or produced by the United States Geological Survey, entitled "*USGS 7.5 Minute Topographic Map*," and showing the *property*.

visually and/or physically observed—during a *site visit* pursuant to this practice, this term means observations made by vision while walking through a *property* and the structures located on it and observations made by the sense of smell, particularly observations of noxious or foul odors. The term “walking through” is not meant to imply that disabled persons who cannot physically walk may not conduct a *site visit*; they may do so by the means at their disposal for moving through the *property* and the structures located on it.

wastewater—water that (1) is or has been used in an industrial or manufacturing process, (2) conveys or has conveyed sewage, or (3) is directly related to manufacturing, processing, or raw materials storage areas at an industrial plant. *Wastewater* does not include water originating on or passing through or adjacent to a site, such as storm water flows, that has not been used in industrial or manufacturing processes, has not been combined with sewage, or is not directly related to manufacturing, processing, or raw materials storage areas at an industrial plant.

zoning/land use records—those records of the local government in which the *property* is located indicating the uses permitted by the local government in particular zones within its jurisdiction. The records may consist of maps and/or written records. They are often located in the planning department of a municipality or county. See 8.3.4.8 of ASTM 1527-13.

Appendix 14.10 - Acronyms

List of Acronyms

AULs—Activity and Use Limitations.

CERCLA—Comprehensive Environmental Response, Compensation and Liability Act of 1980 (as amended, 42 U.S.C. §§9601 et seq.).

CERCLIS—Comprehensive Environmental Response, Compensation and Liability Information System (maintained by EPA).

CFR—Code of Federal Regulations.

CORRACTS—facilities subject to Corrective Action under RCRA.

EPA—United States Environmental Protection Agency.

EPCRA—Emergency Planning and Community Right to Know Act ((also known as SARA Title III), 42 U.S.C. §§11001-11050 et seq.).

ERNS—emergency response notification system.

ESA—Environmental Site Assessment (different than an environmental compliance audit, 3.2.30).

FOIA—U.S. Freedom of Information Act (5 U.S.C. §552 as amended by Public Law No. 104-231, 110 Stat.).

FR—Federal Register.

ICs—Institutional Controls.

LLP—Landowner Liability Protections under the Brownfields Amendments

LUST—Leaking Underground Storage Tank.

MSDS—Material Safety Data Sheet.

NCP—National Contingency Plan.

NFRAP—former CERCLIS sites where no further remedial action is planned under CERCLA.

NPDES—National Pollutant Discharge Elimination System.

NPL—National Priorities List.

PCBs—polychlorinated biphenyls.

PRP—Potentially Responsible Party (pursuant to CERCLA 42 U.S.C. §9607(a)).

RCRA—Resource Conservation and Recovery Act (as amended, 42 U.S.C. §§6901 et seq.).

SARA—Superfund Amendments and Reauthorization Act of 1986 (amendment to CERCLA).

TSDF—hazardous waste treatment, storage or disposal facility.

USC—United States Code.

USGS—United States Geological Survey.

UST—Underground Storage Tank.