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Exhibit GG. Waterloo Site Phase I  
Environmental Site Assessment

**PHASE I ENVIRONMENTAL SITE ASSESSMENT**

**BARBER BROTHERS  
GEISMAR  
ASCENSION PARISH, LOUISIANA**



August 15, 2013

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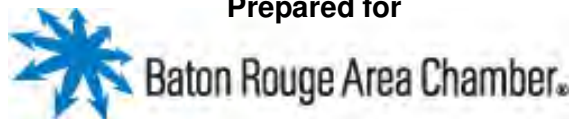
**August 15, 2013**

# **PHASE I ENVIRONMENTAL SITE ASSESSMENT**

**Barber Brothers Site  
Geismar  
Ascension Parish, Louisiana**

GEC Project No. 0013.2122013.004

**Prepared for**



**Baton Rouge Area Chamber**  
Baton Rouge, Louisiana

**Prepared by**



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# **TABLE OF CONTENTS**

## TABLE OF CONTENTS

Section	Page
<b>1.0 SUMMARY .....</b>	<b>1</b>
<b>2.0 INTRODUCTION .....</b>	<b>1</b>
2.1 Purpose .....	1
2.2 Scope of Services .....	1
2.3 Significant Assumptions .....	2
2.4 Limitations and Exceptions .....	2
2.5 Special Terms and Conditions .....	3
2.6 User Reliance .....	3
<b>3.0 SITE DESCRIPTION .....</b>	<b>3</b>
3.1 Location and Legal Description .....	3
3.2 Site Vicinity and General Characteristics .....	3
3.2.1 Geologic, Hydrogeologic, Topographic, and Soil Conditions .....	6
3.3 Current Use of Property .....	6
3.4 Description of Structures, Roads, and Other Improvements on Site .....	7
3.5 Current Uses of Adjoining Properties .....	7
<b>4.0 USER PROVIDED INFORMATION .....</b>	<b>7</b>
4.1 Title Records .....	7
4.2 Environmental Liens or Activity and Use Limitations .....	7
4.3 Specialized Knowledge .....	8
4.4 Commonly Known or Reasonably Ascertainable Information .....	8
4.5 Valuation Reduction for Environmental Issues .....	8
4.6 Owner, Property Manager, and Occupant Information .....	8
<b>5.0 RECORDS REVIEW .....</b>	<b>8</b>
5.1 Standard Environmental Record Sources .....	8
5.2 Additional Environmental Record Sources .....	12
5.3 Physical Setting Sources .....	13
5.4 Historical Use Information on Property and Adjoining Properties .....	13
5.4.1 Historical City Directories .....	13
5.4.2 Fire Insurance Maps .....	15
5.4.3 Historical Topographic Maps .....	15
5.4.4 Historical Aerial Photographs .....	16
<b>6.0 SITE RECONNAISSANCE .....</b>	<b>17</b>
6.1 Methodology and Limiting Conditions .....	17
6.2 General Site Setting .....	17



## TABLE OF CONTENTS (cont'd)

Section	Page
6.3 Exterior Observations .....	17
6.3.1 Pits, Ponds, or Lagoons .....	18
6.3.2 Stained Soil or Pavement .....	18
6.3.3 Stressed Vegetation .....	18
6.3.4 Solid Waste .....	18
6.3.5 Wells .....	18
6.3.6 Septic Systems.....	18
6.3.7 Oil and Gas Drilling Activities.....	19
6.3.8 Storage Tanks.....	19
6.3.9 Odors .....	19
6.3.10 Pools of Liquid.....	19
6.3.11 Drums and Containers.....	19
6.3.12 Unidentified Substance Containers.....	19
6.3.13 Polychlorinated Biphenyls (PCBs) .....	19
6.4 Interior Observations.....	19
<b>7.0 INTERVIEWS .....</b>	<b>20</b>
<b>8.0 FINDINGS .....</b>	<b>21</b>
8.1 Potential REC Sites Outside Target Property Limits.....	21
8.2 REC at Target Property.....	25
<b>9.0 OPINION .....</b>	<b>25</b>
9.1 Data Gaps.....	26
<b>10.0 CONCLUSIONS.....</b>	<b>26</b>
<b>11.0 DEVIATIONS .....</b>	<b>26</b>
<b>12.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONALS .....</b>	<b>26</b>
<b>13.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS .....</b>	<b>26</b>
13.1 Jennifer Lindquist, P.G.....	26

## APPENDICES

- Appendix A: REFERENCES
- Appendix B: TITLE DOCUMENTATION
- Appendix C: ENVIRONMENTAL DATABASE SEARCH
- Appendix D: HISTORICAL TENANT SEARCH
- Appendix E: FIRE INSURANCE MAP DOCUMENTATION

## **TABLE OF CONTENTS (cont'd)**

### **APPENDICES (cont'd)**

Appendix F: HISTORICAL TOPOGRAPHIC MAPS

Appendix G: HISTORICAL AERIAL MAPS

Appendix H: PHOTOGRAPHS

## LIST OF TABLES

Number		Page
1	Potential Sites Identified in Federal and State Databases.....	9
2	Pipeline Information.....	12

## LIST OF FIGURES

Number		Page
1	Site Location Map.....	4
2	Site Vicinity Map.....	5
3	Pipeline Locations Map .....	14

# **PHASE I ENVIRONMENTAL SITE ASSESSMENT**

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## **1.0 SUMMARY**

G.E.C., Inc. (GEC) has completed a Phase I Environmental Site Assessment (ESA) for the Barber Brothers property located on River Road (LA 75) near its intersection with LA 73 in Geismar, Ascension Parish, Louisiana. The property consists of approximately 160 acres of undeveloped land and is commonly known as the Waterloo Plantation site. For the purpose of this ESA, “the property” refers to the entire 160 acres and all improvements therein.

In order to characterize environmental conditions for the project, GEC:

- Reviewed federal, state, and local environmental databases;
- Conducted historical research;
- Interviewed pertinent personnel; and
- Performed a site investigation.

GEC performed this Phase I ESA in accordance with the scope and limitations of ASTM E 1527-05 05 *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. Any exceptions to, or departures from, this practice are described in the report. Based on the review of federal, state, and local environmental databases, historical research, interviews, and site investigations, this assessment has revealed no RECs on or in the vicinity of the property. However, numerous chemical pipelines and a railroad cross the property, and numerous chemical plants are located within one mile of the property. All of these present potential risk for environmental concern to the property should there be a spill or other release in the vicinity. However, based upon the findings of this ESA, GEC does not recommend further investigation of the property at this time.

## **2.0 INTRODUCTION**

### **2.1 Purpose**

The purpose of the assessment is to identify any potential recognized environmental conditions (RECs) located on or in the vicinity of the Barber Brothers property that have, or may have in the past, adversely impacted environmental conditions at the property.

### **2.2 Scope of Services**

GEC is responsible for investigating the property in order to identify RECs within and adjacent to the property. Investigation procedures comply with ASTM E 1527-05, and the scope of services for this ESA includes the following:

- Research of available federal, state, and local environmental databases for potential REC sites on, or within a specified distance of, the property;
- Reviews of historical aerial photographs, Fire Insurance Maps, United States Geologic Survey (USGS) topographic maps, and/or published soils and geologic information;

- Interviews with state and local government agency representatives and/or persons knowledgeable of the property regarding documented inspections, violations, incidents, spill response, or past uses of therein;
- Visual observations of accessible portions of the property to identify current and historical REC sites. Visual observations of accessible portions of properties adjacent to the property were also conducted; and
- Preparation of a written report that identifies whether the property contains potential RECs and whether or not conditions warrant further investigation.

In accordance with the procedures outlined in ASTM E 1527-05, a Phase I ESA typically does not include sampling and analysis of soil and/or groundwater. Additionally, a Phase I ESA typically does not include wetland delineations, surveys for cultural or historic resources, threatened or endangered species, lead based paint, or asbestos containing materials. Additionally, the user, Baton Rouge Area Chamber (BRAC), did not require GEC to conduct a chain-of-title review.

### **2.3 Significant Assumptions**

No significant assumptions were made in the preparation of this Phase I ESA.

### **2.4 Limitations and Exceptions**

GEC's review of record information and environmental databases included information that was reasonably ascertainable from standard sources. *Reasonably ascertainable* denotes (1) information that is publicly available, (2) information that is obtainable within reasonable time and cost constraints, and (3) information that is practically reviewable. GEC's review included information gathered directly from governmental and regulatory agencies as well as an electronic database search performed by GeoSearch. References used in the preparation of this document are included in Appendix A. Much of this information was gathered from public records and sources maintained by third parties. Although reasonable care was taken to verify this information, GEC does not accept responsibility for errors, omissions or inaccurate information.

GEC interviewed available individuals identified as having current and historical knowledge of land use, commercial and residential development, and activities and incidents associated with the property. *Available individuals* include (1) persons with whom contact can be made within reasonable time constraints, and (2) persons willing to share information with interviewers. These individuals were selected based on their employment in state and local government, association with, or proximity to, specific properties, or long-time residence in and knowledge of the area. Significant effort was made to identify and contact individuals possessing direct knowledge of sites; however, no guarantee is made or intended that all individuals with pertinent knowledge of sites were identified and interviewed. Additionally, GEC makes no guarantee that information provided during the interviews is free of errors, omissions, or inaccurate information.

Observations made during GEC's reconnaissance of the property were limited to (1) sites or portions of sites that were accessible to investigators, and (2) evidence that was visible to the investigators. Observations were based on evidence that was visible to inspectors while walking or driving the property. Some portions of the property were inaccessible to investigators, including the wooded area in the northwest portion of the property and the

wooded area on the batture. No ground excavation, vegetation clearing, or physical relocation of obstacles was conducted during site investigations. Accordingly, no guarantee is made or intended that all property conditions were observed.

## **2.5 Special Terms and Conditions**

No special terms or conditions significant with respect to ASTM E 1527-05 standards were made.

## **2.6 User Reliance**

In accordance with ASTM E 1527-05 Section 7.5.2.1, *Reliance*, GEC is not required to verify independently the information provided by various sources but may rely on the information unless there is actual knowledge that certain information is incorrect or unless it is obvious that certain information is incorrect based on other information obtained during the course of the investigation or otherwise actually known to the investigators conducting the assessment. However, GEC has no indications that the information provided by outside sources is incorrect.

## **3.0 SITE DESCRIPTION**

### **3.1 Location and Legal Description**

The property consists of approximately 160 acres in Geismar, Ascension Parish, Louisiana (figures 1 and 2). The property is located along LA 75 approximately 1/3-mile west of its intersection with LA 73 in Geismar, Ascension Parish, Louisiana. It is centered at approximately 30° 12' 43.39" N latitude and – 91° 01' 49.66" W longitude. Portions of the property lie both north and south of LA 75. Land use in the vicinity of the property (Figure 2) is primarily industrial.

The legal description was provided by the user from the property title and is included in Appendix B.

### **3.2 Site Vicinity and General Characteristics**

The property is located in Ascension Parish, Louisiana along River Road (LA 75) near its intersection with LA 73 within the community of Geismar. Geismar is located in an unincorporated area on the east bank of the Mississippi River south of Baton Rouge and north of Gonzales. The 2010 population within Geismar's zip code was 7,863. Numerous industrial facilities and chemical manufacturers are located in the area.

The property is primarily undeveloped and located amongst major industrial facilities along River Road. The property includes portions of the Mississippi River levee and batture land.



## SITE LOCATION

Barber Brothers  
Phase I Environmental Site Assessment  
Geismar, Louisiana

Data Source: USGS 100k Quads (F30091a1, F30090a1)





## SITE VICINITY

Barber Brothers  
Phase I Environmental Site Assessment  
Geismar, Louisiana

Data Source: ESRI Web Service Basemap



Figure: 2

Date: August 2013

Scale: 1:7,600

Source: ESRI/GEC

Map ID: 1342122013004-3096

### **3.2.1 Geologic, Hydrogeologic, Topographic, and Soil Conditions**

Geology. The property is situated on the natural levee of the Mississippi River. The dominant geomorphology in such an environment is that of the meander belt. Common landforms in this regime are natural levees, crevasse splays, point bars, floodplains, abandoned channels, abandoned courses, and backswamps/flood basins. The surface deposits are underlain by approximately 34,000 feet of sediment and sedimentary rock. Sandstone, siltstone, and claystone account for virtually all the sedimentary rocks. These sediments record the outward progression of the Gulf Coastal Plain, and in the case of Pleistocene sediments, the outward building of the Mississippi and proto-Mississippi River Complex.

Hydrogeology. The Mississippi River Alluvial Aquifer is the primary aquifer underlying the property. It consists of fining upward sequences of gravel, sand, silt and clay. The aquifer is hydraulically connected with the Mississippi River and its major streams, and water levels fluctuate seasonally according to river stages and precipitation trends. Recharge of the aquifer is accomplished by direct infiltration of rainfall in the river valley, lateral and upward movement of water from adjacent and underlying aquifers, and stream flooding. Water levels fluctuate seasonally in response to precipitation trends and river stages. Water levels are generally within 30 to 40 feet of the land surface and movement is down gradient toward rivers and streams. Natural discharge occurs by seepage of water into the Mississippi River and its streams, but some water moves into the aquifer when stream stages are above aquifer water levels. The hydraulic conductivity varies between 10 and 530 feet per day. The maximum depths of occurrence of freshwater in the Mississippi River alluvial aquifer range from 20 to 500 feet below sea level. The range of thickness of the fresh water interval in the aquifer is 50 to 500 feet.

A groundwater study conducted in 1994 indicates that shallow groundwater under the property flows toward New River.

Topography. A topographic high of approximately 20 feet above mean sea level (MSL) runs through the property north of the levee. The property slopes to the northwest and southeast away from this ridge. The Mississippi River levee is the highest point on the property. Lower elevation wetlands are present immediately south of the levee, flanked by an "island" of higher elevation along the riverfront.

Soils. The soils on the majority of the property are classified as Sharkey clay. Sharkey clay is a poorly drained clayey alluvium found on natural levees. This soil is considered prime farmland. The Mississippi River levee is classified as Levees-Borrow pits complex, 0 to 25 percent slopes. The batture contains frequently flooded Convent soils. These soils are somewhat poorly drained silty alluvium.

### **3.3 Current Use of Property**

The majority of the property is undeveloped. About 2/3 of the property is maintained pasture with mature trees, and the remainder is wooded. The northeast portion of the property is used by Barber Brothers for storage of asphalt and road-building equipment and supplies. Three mobile home trailers and a permanent home are present on this portion of the property. A large warehouse is also present in this area.

Maintained vegetable and flower gardens and associated equipment are present in the central portion of the property. A portion of the batture is cleared and a loading/offloading dock, conveyor and associated equipment are present.

### **3.4 Description of Structures, Roads, and Other Improvements on Site**

Waterloo Road forms a portion of the eastern property boundary. It is paved with asphalt along most of its extent on the eastern side of the property. It continues unpaved to form the northern property boundary. An unpaved road extends from the Barber Brothers facility through the central portion of the property to the southwestern corner. This road then parallels the railroad back to Waterloo Road. A gravel parking area is present at the conjunction of this road and Waterloo Road. An unpaved road traverses the Mississippi River levee to the batture and dock area. A dock structure extends into the Mississippi River. A conveyor belt is located in this area.

### **3.5 Current Uses of Adjoining Properties**

The property is bounded by:

- The Mississippi River to the south;
- Wooded land and Crosstex facility to the west;
- Wooded and agricultural lands to the north, and
- Barber Brothers and Vulcan facilities to the east.

## **4.0 USER PROVIDED INFORMATION**

As defined in ASTM E 1527-05 Section 3.3.93, *User*, BRAC is the user of this Phase I ESA. GEC conducted the assessment under contract to BRAC.

The user provided GEC with a site map, a Phase I ESA conducted in 1999, and property title and title examination. The 1999 Phase I ESA conducted by M.S. Environmental Consultants, Inc. found no RECs on or in the vicinity of the property, and recommended no further investigation.

The user provided the most recent Act of Cash Sale including a legal description of the property and Exceptions to the Title.

### **4.1 Title Records**

As detailed in ASTM E 1527-05 Section 6.2, *Review Title and Judicial Records for Environmental Liens or Activity and Use Limitations (AULs)*, land title records should be reviewed in order to determine if environmental liens or activity and use limitations have been recorded against the property.

Title research was conducted by a third party. GEC was informed that the research revealed no environmental liens or AULS. Documentation is included in Appendix B.

### **4.2 Environmental Liens or Activity and Use Limitations**

A third party review of the title work revealed no liens or AULs on the property. Additionally, GeoSearch searched federal, state and local databases for sites with activity use limitations and/or engineering or institutional controls. None were located within required search distances of the property. The GeoSearch Report containing the database search is presented in Appendix C.

### 4.3 Specialized Knowledge

No specialized knowledge regarding environmental conditions was conveyed to GEC.

### 4.4 Commonly Known or Reasonably Ascertainable Information

No commonly known or reasonably ascertainable information regarding the environmental history of the property was conveyed to GEC.

### 4.5 Valuation Reduction for Environmental Issues

There is no indication that the property value has been reduced due to perceived environmental concerns.

### 4.6 Owner, Property Manager, and Occupant Information

The property is owned by Barber Brothers. GEC spoke with Mr. Roddie Marchiafava of Barber Brothers as a representative of the property owner. Details of his interview are included in section 7.0.

## 5.0 RECORDS REVIEW

In accordance with ASTM E 1527-05 Section 8.0, *Records Review*, GEC conducted a thorough search of federal, state and local government environmental databases to obtain and review records and/or documents that would aid in the identification of known or potential REC sites on or near the project. ASTM E 1527-05 contains a list of records that should be reviewed and the minimum search distance to use.

### 5.1 Standard Environmental Record Sources

ASTM E 1527-05 Section 8.2.1, *Standard Environmental Record Sources: Federal and State*, requires a review of the following databases and proscribes various search radii:

Federal NPL <sup>1</sup> Site List	1.0 mi
Federal <i>Delisted</i> NPL Site List	0.5 mi
Federal CERCLIS <sup>2</sup> List	0.5 mi
Federal CERCLIS-NFRAP <sup>3</sup> Site List	0.5 mi
Federal RCRA <sup>4</sup> CORRACTS <sup>5</sup> List	1.0 mi
Federal RCRA Non-CORRACTS TSD <sup>6</sup> Site List	0.5 mi
Federal RCRA LQG/SQG <sup>7</sup>	target/adjoining property
Federal IC/EC <sup>8</sup> Registries	target property
Federal ERNS <sup>9</sup> List	target property
State-Equivalent NPL List	1.0 mi
State-Equivalent CERCLIS List	0.5 mi
State Landfill and/or Solid Waste Disposal Site Lists	0.5 mi
State Leaking UST <sup>10</sup> Lists	0.5 mi
State-Registered UST Lists	target/adjoining property
State IC/EC Registries	target property
State VCP <sup>11</sup>	0.5 mi
State Brownfield Sites	0.5 mi

<sup>1</sup>National Priority List



<sup>2</sup>Comprehensive Environmental Response, Compensation, and Liability Information System

<sup>3</sup>CERCLIS-No Further Remedial Action Planned

<sup>4</sup>Resource Conservation and Recovery Act

<sup>5</sup>Corrective Action Report

<sup>6</sup>Treatment, Storage, and Disposal Facility

<sup>7</sup>Large or Small Quantity Generator

<sup>8</sup>Institutional Control/Engineering Control

<sup>9</sup>Emergency Response Notification System

<sup>10</sup>Underground Storage Tank

<sup>11</sup>Voluntary Cleanup Program

Table 1 provides a summary of potential sites listed in federal and state environmental databases identified by GEC and GeoSearch during the environmental records review. The search distances used for the various databases comply with ASTM E 1527-05 Section 8.2.1, *Standard Environmental Record Sources*. GeoSearch reviewed all required databases as well as several that are not required by ASTM within one mile of the property boundary. In addition to plottable sites, GeoSearch generated a list of orphan sites. Orphan sites are those sites containing insufficient location information and can only be identified as being within the same zip code(s) as the project. The GeoSearch Report is provided in Appendix C.

**Table 1. Potential Sites Identified in Federal and State Databases**

Database	Search Distance (Miles)							
Name	Last Updated	Site	<1/8	1/8-1/4	1/4-1/2	>1/2-1	Orphan	Totals
Federal								
NPL	4/26/13	---	---	---	---	---	---	0
Proposed NPL	4/26/13	---	---	---	---	---	---	0
Delisted NPL	4/26/13	---	---	---	---	---	---	0
CERCLIS	4/26/13	---	---	---	---	---	---	0
FACILITY REG	3/9/13	1	---	---	---	---	---	1
CERC-NFRAP	4/26/13	---	---	---	---	---	---	0
CORRACTS	6/8/13	---	---	---	---	3	---	3
RCRA TSDF	6/8/13	---	---	---	---	---	---	0
RCRA LQG/ SQG/CESQG	6/8/13	---	---	---	---	---	1	1
US ENG CONTROLS	4/1/13	---	---	---	---	---	---	0
ERNS	12/31/12	---	---	---	---	---	---	0
Brownfields	7/3/13	---	---	---	---	---	---	0
PCS <sup>1</sup>	8/1/12	1	---	---	---	---	1	2
State / Tribal								
State Sites	7/19/13	---	---	---	1	---	1	2
SWF/LF <sup>2</sup>	5/23/13	---	---	---	---	---	---	0
Leaking UST (LUST)	7/9/13	---	---	---	---	---	---	0
Reg. UST	7/9/13	---	---	---	---	---	1	1
Historic LUST	3/26/99	---	---	---	---	---	---	0
AUL	6/3/13	---	---	---	---	---	---	0
VRP	6/3/13	---	---	---	---	---	---	0
SPILLS	7/25/13	---	---	---	---	---	---	0
Waste pits	1/1/99	1	---	1	7	---	---	9
Totals		3	0	1	8	3	4	19
Notes: --- indicates no sites/items were found. LUST and UST values represent facilities, some of which contain multiple tanks. <sup>1</sup> Permit Compliance System <sup>2</sup> Solid Waste Facility/Landfill Sites								

GeoSearch research of the databases indicated 15 plottable sites located within a one-mile radius of the property. Two sites are listed in multiple databases. Three orphan sites were identified; all were determined to be located within one mile of the property and are further evaluated.

Facility Name: Barber Brothers Contracting Co LLC  
Facility Location: Hwy 73 @ Hwy 75, Geismar, LA 70734  
Facility ID: 110012673491  
Database: NPDES, PCS  
Distance/Direction: Target Property

Facility Name: Chinook Group Louisiana, Inc.  
Facility Location: LA State Hwy 75 near Hwy 73, Geismar, LA  
Facility ID: LA0098523  
Database: PCS, Waste pit  
Distance/Direction: 0.01 mi South

Facility Name: Transcanada Gas Processing Co.  
Facility Location: Ascension Parish  
Facility ID: NA  
Database: Waste pit  
Distance/Direction: 0.25 mi West

Facility Name: Transcanada Gas Processing Co.  
Facility Location: Ascension Parish  
Facility ID: NA  
Database: Waste pit  
Distance/Direction: 0.26 mi Northwest

Facility Name: Transcanada Gas Processing Co.  
Facility Location: Ascension Parish  
Facility ID: NA  
Database: Waste pit  
Distance/Direction: 0.30 mi Northwest

Facility Name: Transcanada Gas Processing Co.  
Facility Location: Ascension Parish  
Facility ID: NA  
Database: Waste pit  
Distance/Direction: 0.32 mi Northwest

Facility Name: Air Liquide Large industries US LP  
Facility Location: 4266 Hwy 73, Geismar, LA 70734  
Facility ID: 1093  
Database: State Sites  
Distance/Direction: 0.35 mi East

Facility Name: Acadiana Gas Systems, Inc.  
Facility Location: Ascension Parish  
Facility ID: NA  
Database: Waste pit  
Distance/Direction: 0.41 mi Northwest

Facility Name: Vulcan Chemical  
Facility Location: Ascension Parish  
Facility ID: NA  
Database: Waste pit  
Distance/Direction: 0.41 mi Southeast

Facility Name: BCP Borden Production  
Facility Location: Ascension Parish  
Facility ID: NA  
Database: Waste pit  
Distance/Direction: 0.45 mi South

Facility Name: Rubicon LLC  
Facility Location: 9156 Hwy 75, Geismar, LA  
Facility ID: LAD008213191  
Database: CORRACTS  
Distance/Direction: 0.87 mi Southeast

Facility Name: Lion Copolymer Geismar, LLC  
Facility Location: 36191 Hwy 30, Geismar, LA  
Facility ID: LAD008194060  
Database: CORRACTS  
Distance/Direction: 0.98 mi East

Facility Name: Westlake Vinyls Company, LP  
Facility Location: 36045 Hwy 30, Geismar, LA  
Facility ID: LAD003913449  
Database: CORRACTS  
Distance/Direction: 0.9 mi Northeast

Facility Name: US Machine Shop  
Facility Location: Orphan  
Facility ID: 985207513\*G  
Database: RCRA GEN  
Distance/Direction: NA

Facility Name: US Machine Shop  
Facility Location: Freeze Rd. 500 ft N of Hwy 73  
Facility ID: LAD985207513\*G  
Database: RCRA GEN  
Distance/Direction: NA

Facility Name: Vulcan Materials Geismar Plant  
Facility Location: Orphan  
Facility ID: LA0034584\*NPDES  
Database: PCS  
Distance/Direction: NA

Facility Name: CSX NGL riverside Gas Plant  
Facility Location: Highway 75 River Road Geismar, LA 70734  
Facility ID: 69084  
Database: UST, State Sites  
Distance/Direction: NA

Each of these sites is further discussed in Section 8.0.

## 5.2 Additional Environmental Record Sources

ASTM E 1527-05 Section 8.2.2, *Additional Environmental Record Sources*, states that one or more additional state or local sources may be checked to enhance and supplement the federal and state sources identified in ASTM E 1527-05 Section 8.2.1.

GEC reviewed LDEQ's Electronic Database Management System (EDMS) files for information regarding potential REC sites. Information is in Section 8.0.

Water well records obtained from federal and state agencies were reviewed. One well was identified as located on the property; it was an 18-foot deep monitoring well and is listed as plugged and abandoned in 1996. Fifty-three wells are registered within ½-mile of the property boundary. Twenty are USGS research wells, 18 are plugged and abandoned, two are public supply, three are irrigation, five are industrial supply, three are monitoring wells, one is domestic supply and one has no listed use. A map depicting the location of the water wells in relation to the property is included in the GeoSearch Report in Appendix C.

A review of Louisiana Department of Natural Resources (LDNR) oil and gas well locations indicates that no oil and gas wells are located within ½-mile of the property. The Oil and Gas research is included in Appendix C.

GEC reviewed the National Pipeline Mapping System's Public Viewer for pipeline information. Numerous gas and liquid pipelines cross or are located adjacent to the property. A map depicting the locations of the pipelines with respect to the property is included as Figure 3. Pipeline contents are described in Table 2.

**Table 2. Pipeline Information**

Owner	Contents
<b>South (along levee crossing property)</b>	
PCS Nitrogen	Anhydrous hydrochloric acid
Olin ChlorAlkalai	Hydrogen gas
Crosstex	Natural gas
PT Ammonia	Anhydrous ammonia
Enterprise	Ethane
Exxon	Butylene/Butane/Propane



Shell	Ethylene
Acadian	Natural gas
<b>East</b>	
PCS Nitrogen	Anhydrous hydrochloric acid
PraxAir	Hydrogen gas
CrossTex	Natural gas
<b>West (not adjacent)</b>	
Enterprise	Ethane
Exxon	Butane
Lone Star	Liquid natural gas
Air Products	Nitrogen gas
Petrologistics	Propane
<b>North</b>	
Enterprise	Butane

### 5.3 Physical Setting Sources

GEC researched historical quadrangles for structures, mines, quarries, clearings, wells, and land use in order to (1) ascertain historical development of the project area, and (2) identify indications of possible RECs.

In accordance with ASTM E 1527-05, a current USGS 7.5-Minute Topographic Map (Figure 1) was utilized as the primary physical setting source. Additional sources were utilized to ascertain the geologic, hydrogeologic, hydrologic, and topographic conditions of the project. The sources include the following:

- American Soil Conservation Service (ASCS) Historical Aerial Photographs;
- Louisiana Oil Spill Coordinator's Office (LOSCO) Historical Aerial Photographs;
- USDA Historical Aerial Photographs;
- USGS Historical Aerial Photographs;
- USGS 7.5-Minute Historic Topographic Quadrangle Maps; and
- USGS 15-Minute Historic Topographic Quadrangle Maps.

### 5.4 Historical Use Information on Property and Adjoining Properties

#### 5.4.1 Historical City Directories

GEC requested GeoSearch to conduct a search for available city directories with coverage in the vicinity of the property. Polk's and Cole's Directories were reviewed in five-year increments to 1990, when coverage for Geismar was instituted. Addresses in the vicinity of the property on LA 75 and LA 73 were reviewed. Listings on LA 75 are primarily heavy industrial and industrial support services. Barber Brothers first appears at 9604 LA 75 in the 2005 directory; there is no listing at the address prior to 2005. Listings on LA 73 include industries, residences, and a church. Documentation of the historical city directory search is included in Appendix D.



**PIPELINE LOCATIONS**  
 Barber Brothers  
 Phase I Environmental Site Assessment  
 Geismar, Louisiana

Data Source: NPMS Public Map Viewer ( All Pipelines are Approximate)



Figure: 3
Date: August 2013
Scale: 1:9,000
Source: ESRI/GEC
Map ID: 1342122013004-3096

### 5.4.2 Fire Insurance Maps

Founded in 1867, the Sanborn Fire Insurance Company produced Sanborn® Fire Insurance Maps that document the historical property use of over 12,000 American towns and cities. Known for their tremendous details of size, material composition and minute construction elements of buildings as well as property boundaries and street widths, Sanborn® maps provide a valuable tool for completing an ESA in that land use of a property can be monitored in depth over a long period of time. No fire insurance maps with coverage of the property were located. Documentation of the research is provided in Appendix E.

### 5.4.3 Historical Topographic Maps

GEC searched USGS historical topographic maps dating back to 1936 (Appendix F). The property is located on the White Castle, Louisiana 15-minute series topographic maps and on the Carville, Louisiana 7.5-minute series topographic maps. Maps from 1936, 1953, 1963, 1974, 1992, and 1999 were reviewed.

1936. The 1936 15-minute series White Castle map depicts the property north of the Mississippi River. The Mississippi River levee is present, as well as a shorter, discontinuous levee on the river side of the main levee. Borrow pits are mapped within the batture. New River is mapped on the property. An undeveloped road is present east of the property, and LA 73 (LA 1 in 1936) is present in its current location. The railroad is present in its current location. There are no structures mapped on the property. Structures are present between the Mississippi River and the rail road near LA 73.

1953. The 1953 7.5-minute series Carville map depicts the property as primarily unimproved. Structures are mapped between the rail road and the levee as well as along the unimproved road on the eastern property boundary. New River, the Mississippi River levee, and railroad are depicted as seen on the 1936 map.

1963. The 1963 15-minute series map depicts the property in similar condition as seen on the 1953 map. Increased development is present east of the property and east of LA 73.

1974. The 1974 7.5-minute series map is shows no development on the property. The secondary levee south of the main levee is no longer mapped, and the former borrow pits are mapped as wetlands rather than open water. The unimproved road remains along the eastern property boundary. Increased industrial development is visible along the eastern side of LA 73. Structures are present near the intersection of LA 73 and River Road southeast of the property. New River, the Mississippi River levee, and railroad are depicted as seen on previous maps.

1992. The 1992 7.5-minutes series map depicts the property in similar condition to that seen on the 1974 map. The road along the eastern property boundary is improved in 1992. Increased industrial development is present east of LA 73 and near its intersection with River Road, as well as west of the property. The property remains unimproved.

1999. The 1999 7.5-minutes series map depicts the property in similar condition to that seen on the 1992 map. The property remains unimproved. New River, the Mississippi River levee, and railroad are depicted as seen on previous maps.

#### **5.4.4 Historical Aerial Photographs**

GEC researched historical aerial photographs of the subject property provided by GeoSearch. Historical aerial photographs for the years 1941, 1957, 1961, 1973, 1983, 1998, and 2010 were analyzed for information about the site history of the property. The historic aerial photographs obtained from GeoSearch are included in Appendix G. Findings are summarized below.

1941. The 1941 aerial photograph depicts the property as primarily agricultural. Individual agricultural fields are present within the property boundaries north of the Mississippi River levee. The New River corridor and parcels to the west are wooded. LA 73 and 75 are visible, as well as the railroad. Development is visible on the western side of the intersection of LA 73 and LA 75, as well on the northeast corner of the property along a road between the property and LA 73. The structures on the property appear to be farm related.

1957. The 1957 aerial photograph depicts the property similar to that seen in the 1941 photograph. The fields are not as distinctly defined as they were in the 1941 photograph. Structures are present at the northeast corner of the property. A cleared area is visible along the Mississippi River on the batture. Wooded areas remain along New River and to the west of the property.

1961. The 1961 photograph depicts the property in similar condition to that seen in the 1957 photograph. The property is agricultural. Most of the structures that were in the northeast corner of the property in 1957 are no longer present. An industrial facility appears to be under construction west of the property. The batture is flooded in the photograph.

1973. The 1973 photograph depicts the property in similar condition to that seen in the 1961 photograph. The property is agricultural. The New River corridor is wooded, and an industrial facility is present west of the property. An industrial facility is visible at the intersection of LA 75 and LA 73.

1983. The 1983 photograph depicts the property as agricultural. Wooded areas are present between fields within the property and along New River. A cleared area is present on the batture across from the road that forms a portion of the eastern property boundary. Wooded areas are visible to the northwest and to the east of the property as well as on the batture.

1998. The 1998 photograph shows the property similar to that seen in 1983 photograph. The property remains agricultural. Wooded areas are present along the New River and on the batture. No structures appear to be present on the property. A road is present across the northern property boundary. Wooded areas are present to the northwest and to the east. Industrial facilities are visible to the west and at the intersection of LA 73 and LA 75.

2010. The 2010 photograph shows industrial development inset to the property. The northwestern portion of the property appears to be wooded, and the remaining areas are pasture. Three unimproved roads cross the property and two open, cleared areas are visible in the central portion of the property. The batture remains wooded, and a large cleared area and dock are present within the property boundary. The previously wooded area to the east of the property is cleared pasture. Containers are present in this area. A cleared area and structures are visible in the northeast corner of the property.



## **6.0 SITE RECONNAISSANCE**

In accordance with ASTM E 1527-05 Section 9.0, *Site Reconnaissance*, field investigations were conducted in order to inspect the property and surrounding areas for structures, oil and gas exploration and production, land use, runoff patterns, and indications of environmental impacts. The investigation was conducted August 14, 2012. Photographs from the investigation are presented in Appendix H.

### **6.1 Methodology and Limiting Conditions**

The property was investigated in order to identify potential RECs, current and historical, that have, or may have in the past, adversely impacted environmental conditions at the property. ASTM E 1527-05 Section 9.0, *Site Reconnaissance*, addresses aspects of site field investigations. GEC, as described in this report, has investigated the property for potential RECs based on information gathered during historical research, the environmental database review, interviews with pertinent personnel, and field reconnaissance in accordance with ASTM E 1527-05 standards, as applicable and appropriate.

Observations made during GEC's reconnaissance of the property were limited to (1) portions of the site that were accessible to investigators, and (2) evidence that was visible to the investigators. Observations were based on evidence that was visible to inspectors while walking or driving the property. Some portions were not accessible at the time of reconnaissance, including the wooded area in the northwest portion of the property and the wooded area on the batture. No ground excavation, vegetation clearing, or physical relocation of obstacles was conducted during site investigations. Accordingly, no guarantee is made or intended that all property conditions were observed.

### **6.2 General Site Setting**

ASTM E 1527-05 Section 9.4.1, *General Site Setting*, addresses current and past use of the property being assessed, adjoining properties, and surrounding area. The property is located along LA 75 approximately 1/3-mile west of its intersection with LA 73 in Geismar, Ascension Parish, Louisiana. Portions of the property lie both north and south of LA 75. Land use in the vicinity of the property (Figure 2) is primarily industrial.

### **6.3 Exterior Observations**

The majority of the property is undeveloped. About 2/3 of the property is maintained pasture with mature trees, and the remainder is wooded. The northeast portion of the property is used by Barber Brothers for storage of asphalt and road-building equipment and supplies. Three mobile home trailers and a permanent home are present on this portion of the property. A large warehouse is also present in this area.

Maintained vegetable and flower gardens and associated equipment are present in the central portion of the property. A portion of the batture is cleared and a loading/offloading dock, conveyor and associated equipment are present.

Waterloo Road forms a portion of the eastern property boundary. It is paved with asphalt along most of its extent on the eastern side of the property. It continues unpaved to form the northern property boundary. An unpaved road extends from the Barber Brothers facility through the

central portion of the property to the southwestern corner. This road then parallels the railroad back to Waterloo Road. A gravel parking area is present at the conjunction of this road and Waterloo Road. An unpaved road traverses the Mississippi River levee to the batture and dock area. A dock structure extends into the Mississippi River. A conveyor belt is located in this area.

The railroad crosses the property parallel to LA 75. Three tracks are present in this area, and rail cars were stored on one track at the time of the site visit. Numerous pipelines were marked on the property as noted in Section 5.2.

### **6.3.1 Pits, Ponds, or Lagoons**

New River crosses the northern portion of the property from east to west. Drainage ditches channeling water to New River are present throughout the property. A rock-armored storm drain that discharges to New River is located near the warehouse in the northeastern portion of the property. Maps provided by the user indicate that wetlands are present with the wooded area in the northwestern corner of the property that was not accessible at the time of the site visit due to thick vegetation.

### **6.3.2 Stained Soil or Pavement**

No stained soil or pavement was observed during the site reconnaissance.

### **6.3.3 Stressed Vegetation**

No unexplained areas of stressed or denuded vegetation were observed. Stressed grass was observed in the vicinity of the warehouse in the northeastern portion of the property. Interviews indicate that Roundup was recently sprayed in this area.

### **6.3.4 Solid Waste**

Minimal debris was noted on the property. Barber Brothers stores excess equipment in the northeastern portion of the property. Scrap metal, concrete products, and other potentially useful large items were observed at this location. GEC also noted minimal debris along the tree line on the batture. It is the opinion of GEC that material observed on the batture does not represent an adverse environmental condition and should be considered *de minimis*.

### **6.3.5 Wells**

GEC observed two groundwater wells on the property. One water well is present at the location indicated on the water well survey in Appendix C. LDNR's database lists this well as a plugged and abandoned monitoring well. Interviews indicate that this well provides the water supply for the property. A second well was observed in the northeastern corner of the property near the warehouse. Interviews indicate this well is used for both drinking water and for watering cattle.

### **6.3.6 Septic Systems**

Interviews indicate that a wastewater treatment plant is present on the property. The Barber Brothers facility holds a Louisiana Pollutant Discharge Elimination System (LPDES) permit for outfall from the treatment plant. Interviews indicate that a third party maintains and monitors the plant.

### **6.3.7 Oil and Gas Drilling Activities**

There was no evidence of current or past oil or gas drilling activities observed on the property. A review of LDNR's oil and gas database indicated that there is no oil and gas activity located on the property.

### **6.3.8 Storage Tanks**

Empty metal and plastic storage tanks were noted within the stored equipment in the northeastern portion of the property. Interviews indicate all of the tanks in storage are empty. A metal storage tank was noted near the gardener's shed in the central portion of the property. Interviews indicate this tank holds water for the gardens.

### **6.3.9 Odors**

No strong, pungent, or noxious odors were detected on the property during the site reconnaissance.

### **6.3.10 Pools of Liquid**

No pools of liquid other than puddles from recent rains were observed on the property.

### **6.3.11 Drums and Containers**

Empty containers and tote tanks were noted within the stored equipment in the northeastern portion of the property. None appeared to contain fluids.

### **6.3.12 Unidentified Substance Containers**

No unidentified containers were observed on the property.

### **6.3.13 Polychlorinated Biphenyls (PCBs)**

Numerous pole-mounted transformers were observed on the property along Waterloo Road. Three transformers were present near the conveyor on the batture. Electrical transformers may contain oil with PCBs as an additive. It is not known whether these transformers contain PCBs. The transformers appeared to be new, showed no signs of corrosion, and no evidence of discharge of PCBs to the surrounding environment was observed.

## **6.4 Interior Observations**

A large metal warehouse with a metal roof is present in the northeastern portion of the property. Interviews indicate that the warehouse has an asphalt floor and is used to store fluorspar for use at the nearby Honeywell plant. Fluorspar (calcium fluoride) is a non-hazardous mineral. The material stored on site is similar to sand. Interviews indicate that there was approximately 110,000 tons stored at the time of the site visit. GEC observed the material through the open ends of the warehouse. Trucks were observed driving on the stored pile.

Three mobile home trailers were observed on the northeastern portion of the property. GEC did not enter the mobile homes. A house is present on the north central portion of the property.

Interviews indicated that the house is used when Barber Brothers' employees are required to work night shifts. It is connected to onsite utilities. GEC did not enter the house.

Two well sheds associated with the two observed wells on site contain pump equipment. A garden shed constructed from a shipping container contains gardening tools for the large vegetable gardens present in the central portion of the property.

## **7.0 INTERVIEWS**

GEC interviewed Mr. Roddie Marchiafava of Barber Brothers on August 14, 2013, at the facility. Mr. Marchiafava indicated he had worked at the facility for five of the 14 years Barber Brothers has operated at this location. He stated that the adjacent Vulcan facility sells limestone, and that the large warehouse in the northern portion of the property is used to store fluorspar for use at the nearby Honeywell plant. Mr. Marchiafava indicated that Barber Brothers stores potentially useful equipment near the northern border of the property, and that a new pipeline was recently installed along the northern boundary. He indicated that the only fuel tank containing product is located within the asphalt plant; all other fuel tanks on the property are empty except one that is used to store water for the gardens. A Barber Brothers employee maintains vegetable and flower gardens in the central portion of the property. Tractors and a shed containing gardening equipment are present near the gardens. Barber Brothers occasionally allows hay to be harvested from the mowed areas of the property. Mr. Marchiafava indicated that there was no debris or illicit dumping within the wooded portions of the property that GEC was unable to observe. He stated that Barber Brothers monitors dumping activity and reports anything they observe. Mr. Marchiafava stated that Barber Brothers uses the dock and conveyor system on the barge for offloading barges; primarily limestone for Vulcan, but occasionally products destined for other area facilities. He stated that there are two water wells on the property: one in the central portion of the property that is the primary water supply, and a second, smaller well that is used primarily for cattle irrigation on the neighboring parcel to the north, but also for drinking water to one of the mobile homes in the northeastern portion of the property. He indicated that the wastewater treatment systems were permitted and maintained by Mr. Suresh Sharma of M.S. Environmental Consultants, and that there was an oil-water separator at the outfall. He stated that the adjacent Vulcan facility has its own treatment system and permit. Mr. Marchiafava told GEC that the sump near the fluorspar warehouse is a stormwater drain that outfalls to New River. It was installed to address ponding after heavy rains. He confirmed that stressed vegetation observed in that area was caused by a leak in spraying equipment while treating with Roundup.

Mr. Suresh Sharma of M.S. Environmental Consultants spoke with GEC by telephone on August 15, 2013. Mr. Sharma has worked with Barber Brothers at the Geismar facility since its construction. He indicated that there are two water wells, one active and one capped, that supply water to the property. He stated that the capped well had poor quality, and that the groundwater quality continues to be monitored at the property. He believed that the well GEC observed in the northeastern portion of the property was used to water cattle in the past. He thought that the depression near that well was a stormwater drain installed when the warehouse was constructed about two years ago. Mr. Sharma confirmed that he prepares Barber Brothers' discharge monitoring reports associated with their water permit. He stated that the water permit is currently under revision to reflect recent upgrades to the facility. Mr. Sharma was not aware of any spills or incidents that have occurred at the property that have affected environmental conditions.



## 8.0 FINDINGS

As defined in ASTM E 1527-05 Section 1.1.1, REC means:

The presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property.

### 8.1 Potential REC Sites Outside Target Property Limits

GEC noted 17 potential REC sites outside the target property boundaries in the course of its review of federal, state, and local environmental databases; historical research; interviews; and site investigations. It is GEC's opinion that none are likely to have adversely impacted environmental conditions at the subject property; however, industrial operations in the immediate vicinity of the property pose a potential environmental risk.

<u>Facility Name:</u>	Chinook Group Louisiana, Inc.
<u>Facility Location:</u>	LA State Hwy 75 near Hwy 73, Geismar, LA
<u>Facility ID:</u>	LA0098523
<u>Database:</u>	PCS, Waste pit
<u>Distance/Direction:</u>	0.01 mi South

Chinook Group Louisiana, LDEQ AI No. 87487, conducted ground water sampling in the vicinity of the property in 1994 as required for groundwater certification for a proposed facility. The proposed facility included the western portion of the property. One monitoring well associated with this effort was located on the property. A Phase I ESA conducted in 1994 is appended to the groundwater report. Neither the Phase I ESA nor the groundwater assessment noted any environmental impact to the property. The Chinook Group facility was never constructed. GeoSearch noted an entry for the Chinook Group in the Waste Pits database; this entry represents a pipeline manifold header associated with the numerous pipelines in the vicinity. There is no indication of release. The 1994 Phase I ESA noted potential environmental risk from nearby properties including Borden Chemical and the railroad. These risks currently remain.

<u>Facility Name:</u>	Transcanada Gas Processing Co.
<u>Facility Location:</u>	Ascension Parish
<u>Facility ID:</u>	NA
<u>Database:</u>	Waste pit
<u>Distance/Direction:</u>	0.25 mi West

GeoSearch noted an entry in the Waste Pits database; this location represents a loading dock. There is no indication of release.

<u>Facility Name:</u>	Transcanada Gas Processing Co.
<u>Facility Location:</u>	Ascension Parish
<u>Facility ID:</u>	NA
<u>Database:</u>	Waste pit
<u>Distance/Direction:</u>	0.26 mi Northwest

GeoSearch noted an entry in the Waste Pits database; this location represents a sump associated with miscellaneous oilfield equipment. There is secondary containment and no indication of release.

Facility Name: Transcanada Gas Processing Co.  
Facility Location: Ascension Parish  
Facility ID: NA  
Database: Waste pit  
Distance/Direction: 0.30 mi Northwest

GeoSearch noted an entry in the Waste Pits database; this location is listed as an oilfield pit, although no oil and gas activity was noted in LDNR's database. It represents a bermed area likely associated with the pipelines in the area. There is no indication of release.

Facility Name: Transcanada Gas Processing Co.  
Facility Location: Ascension Parish  
Facility ID: NA  
Database: Waste pit  
Distance/Direction: 0.32 mi Northwest

GeoSearch noted an entry in the Waste Pits database; this location represents a sump associated with miscellaneous oilfield equipment. There is secondary containment and no indication of release.

Facility Name: Air Liquide Large Industries US LP  
Facility Location: 4266 Hwy 73, Geismar, LA 70734  
Facility ID: 1093  
Database: State Sites  
Distance/Direction: 0.35 mi East

LDEQ records for the Air Liquide facility date to 1961. Prior to 2010, the site was owned by Lion Copolymer. The industrial facility currently produces air gases for the chemical industry and holds numerous permits for air, water, and solid and hazardous waste at its Geismar facility. Permitted water discharge is routed to the Mississippi River; stormwater discharge flows to New River. GEC reviewed records for the facility back to 2000; no major violations that might have impacted the property were noted.

Facility Name: Acadiana Gas Systems, Inc.  
Facility Location: Ascension Parish  
Facility ID: NA  
Database: Waste pit  
Distance/Direction: 0.41 mi Northwest

GeoSearch noted an entry in the Waste Pits database; this location represents a pipeline metering station. It is a fenced limestone pad and there is no indication of release.

Facility Name: Vulcan Chemical  
Facility Location: Ascension Parish  
Facility ID: NA  
Database: Waste pit  
Distance/Direction: 0.41 mi Southeast

GeoSearch noted an entry in the Waste Pits database; this entry represents a pipeline manifold header associated with the numerous pipelines in the vicinity. There is no indication of release.

Facility Name: BCP Borden Production  
Facility Location: Ascension Parish  
Facility ID: NA  
Database: Waste pit  
Distance/Direction: 0.45 mi South

GeoSearch noted an entry in the Waste Pits database; this location represents a dock. There is no indication of release. GEC additionally reviewed EDMS files for Momentive Specialty Chemical, AI No. 92534, located at this site. The facility manufactures specialty adhesives and coatings and is commonly known to process formaldehydes. The site was formerly occupied by Hexion and Borden Chemical. Records for the facility date to 1984. The facility holds numerous permits for air, water, USTs and solid and hazardous waste at its facility; numerous permit violations for all media are noted in the file. Process and sanitary wastewater is discharged to the Mississippi River; stormwater discharges to a wetland and then to New River. A formaldehyde spill was reported at the facility in 2001 along LA 75. The spill migrated east from the facility and did not impact the property. A Risk Evaluation/Corrective Action Program (RECAP) assessment and groundwater monitoring was subsequently conducted. LDEQ issued a no further action at this time determination in 2006. There are AULs on the affected parcels. A LDEQ inspection of the facility in May 2012 noted four areas of concern, all of which were immediately corrected. There is no indication that operations at the Momentive Specialty Chemical facility have affected the property; however, discharges from the facility to New River upstream of the property have the potential to impact the property.

Facility Name: Rubicon LLC  
Facility Location: 9156 Hwy 75, Geismar, LA  
Facility ID: LAD008213191  
Database: CORRACTS  
Distance/Direction: 0.87 mi Southeast

GEC reviewed LDEQ's EDMS for Rubicon, AI No. 1468. Rubicon has produced methylene diphenyl di-isocyanate (MDI), maleic anhydride, polyols, aniline and nitrobenzene at its Geismar facility since 1966. LDEQ records date to 1965. Rubicon has held numerous permits for air, water, USTs radioactive materials and solid and hazardous waste at its facility. Numerous permit violations for all media are noted in the file. Process and sanitary wastewater is discharged to the Mississippi River; stormwater and miscellaneous wastewaters discharge to New River. Rubicon is permitted to dispose of hazardous waste through injection wells on its property. AULs and engineering controls are in place at the site. There is no indication that operations at the Rubicon facility have affected the property; however, discharges from the facility to New River upstream of the property have the potential to impact the property.

Facility Name: Lion Copolymer Geismar, LLC  
Facility Location: 36191 Hwy 30, Geismar, LA  
Facility ID: LAD008194060  
Database: CORRACTS  
Distance/Direction: 0.98 mi East

Lion Copolymer, AI No. 1433, produces synthetic rubber at its Geismar facilities, which were acquired from Chemtura (formerly Uniroyal) in 2005. LDEQ records date to 1962. The facility has held numerous permits for air, water, radioactive materials and solid and hazardous waste. Numerous releases and corrective actions are noted in the file. The facility discharges stormwater, operational and maintenance wastewaters and utility wastewaters to New River downstream of the property. AULs and engineering controls are in place at the site. There is no indication that operations at the Lion Copolymer facility have affected the property.

Facility Name: Westlake Vinyls Company, LP  
Facility Location: 36045 Hwy 30, Geismar, LA  
Facility ID: LAD003913449  
Database: CORRACTS  
Distance/Direction: 0.9 mi Northeast

Westlake Vinyls, LDEQ AI No. 1138, produces chemical mixtures used in the manufacture of polyvinyl chloride (PVC). LDEQ records date to 1961. The facility has held numerous permits for air, water, solid and hazardous waste at its facility. Numerous releases and corrective actions are noted in the file. The facility discharges non-process area stormwater to New River downstream of the property. AULs and engineering controls are in place at the site. There is no indication that operations at the Westlake Vinyls facility have affected the property.

Facility Name: US Machine Shop  
Facility Location: Freeze Rd. 500 ft N of Hwy 73  
Facility ID: LAD985207513  
Database: RCRA GEN  
Distance/Direction: NA

LDEQ records indicate that US Machine Shop, AI No. 23092, registered as a CESQG for benzene and tetrachloroethylene in 1991. There are no additional records in the file.

Facility Name: Vulcan Materials Geismar Plant  
Facility Location: Orphan  
Facility ID: LA0034584\*NPDES  
Database: PCS  
Distance/Direction: NA

GEC observed and interviews indicate that limestone of various sizes is stored at the Vulcan facility. Interviews indicate that the facility holds a LPDES permit for wastewater discharge, but GEC was unable to locate any files in EDMS.

Facility Name: CSX NGL Riverside Gas Plant  
Facility Location: Highway 75 River Road Geismar, LA 70734  
Facility ID: 69084  
Database: UST, State Sites  
Distance/Direction: NA

The CSX NGL Riverside Gas Plant was an abandoned rail station at the southwest corner of LA 73 and LA 75. Rusted oil drums and resin cans were noted on the site in 1997. No further records were available in EDMS.

Additionally, GEC noted that the Crosstex Riverside natural gas processing facility (AI No. 3302, formerly El Paso Field Services LP), the Enterprise Tebone Fractionation Plant, (AI No. 4762, formerly Shell) are located within ½ to one mile west of the property.

The Crosstex facility holds air, water and solid waste permits. LDEQ records date to 1970. The facility is permitted to discharge wastewater and stormwater to New River downstream of the property. GEC reviewed EDMS files to 2000; no compliance orders or other violations were noted in that time frame.

The Tebone Fractionation facility processes mixed natural gas liquid (NGL) streams into purity NGL products: ethane, propane, normal butane, isobutane and natural gasoline. LDEQ records date to 1973. The facility has held numerous permits for air, water, and solid and hazardous waste. The facility discharges treated wastewater, non-process area stormwater, and cooling tower blow down water to New River downstream of the property. GEC reviewed EDMS files to 2000; compliance orders for violations of the air and hazardous waste permits were noted in this time frame. Soil contamination was noted at the facility in early 2013. However, there is no evidence that conditions at the Tebone facility have impacted the property.

## **8.2 REC at Target Property**

<u>Facility Name:</u>	Barber Brothers Contracting Co LLC
<u>Facility Location:</u>	Hwy 73 @ Hwy 75, Geismar, LA 70734
<u>Facility ID:</u>	110012673491
<u>Database:</u>	NPDES, PCS
<u>Distance/Direction:</u>	Target Property

GEC reviewed LDEQ's records for Barber Brothers, AI No. 85204. Barber Brothers has held a LPDES discharge permit at the property for discharge of stormwater from an asphaltic hot mix facility, wash water, and sanitary wastewater to the New River since 1998. In 2004 the permit was amended to remove the sanitary wastewater discharge, and to add stormwater discharge from a washrack, shop floor washdown, and sand and gravel piles. Interviews indicate that a third party consultant maintains the systems and permit requirements. No violations of the LPDES permit are noted in the file. In 2008, LDEQ approved Barber Brothers plan to treat and reuse diesel contaminated soil as road base material on site. The diesel contaminated material resulted from road side spill in 2007 from a truck accident near the property. GEC did not observe any REC s on site; however, numerous pipelines and the railroad cross the property. The pipelines and rail cars containing hazardous chemical crossing the property present the potential risk of environmental contamination to the property.

## **9.0 OPINION**

Through the review of federal, state, and local environmental databases, historical research, interviews, and site investigations, no RECs were noted on or in the vicinity of the property. However, numerous chemical pipelines and a railroad cross the property, and numerous chemical plants are located within one mile of the property. Two of these plants hold LDPES permits to discharge to New River upstream of the property. A new chemical facility, Methanex, is under construction adjacent to the northeast. All of these present potential risk for environmental concern to the property should there be a spill or other release in the vicinity. However, based upon the findings of this ESA, GEC does not recommend further investigation of the property at this time.

## 9.1 Data Gaps

Data gaps are defined in ASTM E 1527-05 Section 3.2.20, *data gap*, as a lack of or inability to obtain information required by this practice despite *good faith* efforts by the *environmental professional* to gather such information. No data gaps were encountered during this assessment.

## 10.0 CONCLUSIONS

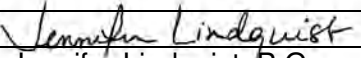
GEC has performed this Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM E 1527-05 for approximately 160 acres of the Barber Brothers property, located on LA 75 near its intersection with LA 73 in Geismar, Ascension Parish, Louisiana. Any exceptions to, or deletions from this practice are described in Section 2.4, Limitations and Exceptions, of this report. This assessment has revealed no evidence of on or off site RECs that have impacted environmental conditions at the property. No further investigation is recommended.

## 11.0 DEVIATIONS

Based on the scope of the project, GEC believes an appropriate inquiry level was utilized for the assessment. GEC complied with the standards specified in ASTM E 1527-05, when reasonably ascertainable. As provided for in ASTM E 1527-05 Section 4.5.2, *Not Exhaustive*, GEC did not perform an exhaustive assessment of observably clean portions of the property. Additionally, and as described in sections 4.0 and 6.0 of the report, certain observation limitations were encountered as noted.

## 12.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONALS

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 all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

<b>Signature</b>	
<b>Name</b>	Jennifer Lindquist, P.G.
<b>Organization</b>	G.E.C., Inc.
<b>Date</b>	August 15, 2013

## 13.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL

### 13.1 Jennifer Lindquist, P.G.

Ms. Lindquist is an environmental scientist/geologist with over 18 years of experience in planning, coordination, and consulting services on federal and state regulatory compliance issues for numerous governmental and private clients. Environmental projects completed include:

**Environmental Site Assessments** – Numerous assessments for commercial, industrial and governmental clients nationwide to evaluate the presence of hazardous substances and petroleum products in accordance with ASTM Standard E 1527-00 and 1527-05,

*Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, and ASTM Standard E 1903-97, Standard Guide for Environmental Site Assessments: Phase II Environmental Site Assessment Process.*

Ms. Lindquist is a licensed professional geologist in Texas (license number 10842), a registered professional geologist in Mississippi (registration number 0836), a certified Environmental Specialist, Environmental Inspector, as well as an Asbestos Inspector (Accreditation No. 21156793) and Lead Inspector (Accreditation No. Pb11100467) in Louisiana. Ms. Lindquist is also trained in HAZWOPER in accordance with 29 CFR 1910.120. She completed the 40-hour training in 2003 and maintains training through the yearly eight-hour refresher course.

# Appendix A

## REFERENCES

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## REFERENCES

### **American Society for Testing and Materials**

ASTM. 2005. *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, ASTM Standard E 1527-05.

### **Louisiana State Government**

#### **Louisiana Department of Environmental Quality**

*Inactive and Abandoned Sites* List, updated quarterly.

*Leaking Underground Storage Tanks (LUST)* Database, updated quarterly.

*Listing of Institutional and/or Engineering Controls (AUL)* Database, updated quarterly.

*Solid Waste Landfill (SWL)* Database, updated annually.

*Underground Storage Tank (UST)* Database, updated quarterly.

*Voluntary Remediation Program Sites (VCP)* Database, updated quarterly.

*Brownfields*, updated quarterly.

#### **Louisiana Geological Survey**

Generalized Geologic Map of Louisiana. Revised 2010.

#### **Louisiana Oil Spill Coordinator's Office**

Aerial photograph. LOSCO. Ascension Parish, 2-23-98.

### **United States Government**

#### **Environmental Protection Agency**

*Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)* Database, updated quarterly.

*Emergency Response Notification System (ERNS)* Database, updated annually.

*Engineering Controls Sites List (US Eng Controls)* Database, updated quarterly.

*Institutional Controls Sites List (US Inst Control)* Database, updated quarterly.

*National Priorities List (NPL)* Database updated quarterly.

*National Priorities List Deletions (Delisted NPL)* Database, updated quarterly.

*No Further Remedial Action Planned (NFRAP)* Database, updated quarterly.  
*RCRA Generator* Database, updated quarterly.

*RCRA Treatment, Storage, and Disposal (TSD)* Database, updated quarterly.

*RCRA Corrective Action Sites (CORRACTS)* Database, updated quarterly.

## **Department of the Interior**

15-Minute Series Quadrangle, U.S. Geological Survey, White Castle, Louisiana, 1936.

15-Minute Series Quadrangle, U.S. Geological Survey, White Castle, Louisiana, 1963.

7.5-Minute Series Quadrangle, U.S. Geological Survey, Carville, Louisiana, 1953.

7.5-Minute Series Quadrangle, U.S. Geological Survey, Carville, Louisiana, 1974.

15-Minute Series Quadrangle, U.S. Geological Survey, Carville, Louisiana, 1992.

7.5-Minute Series Quadrangle, U.S. Geological Survey, Carville, Louisiana, 1999.

Aerial photograph. U.S. Geological Survey, Ascension Parish, 4-13-61.

Aerial photograph. U.S. Geological Survey, Ascension Parish, 2-26-73.

Aerial photograph. U.S. Geological Survey, Ascension Parish, 10-28-83.

## **Department of Agriculture**

Aerial photograph. ASCS. Ascension Parish, 3-4-41.

Aerial photograph. ASCS. Ascension Parish, 1-15-57.

Aerial photograph. USDA. Ascension Parish, 2010.

<http://websoilsurvey.nrcs.usda.gov/app/>

## **Other**

Fluorspar MSDS [http://stores.ebbatchcolor.com/store/content/msds\\_fluorspar.pdf](http://stores.ebbatchcolor.com/store/content/msds_fluorspar.pdf)

Geismar, Louisiana <http://www.americantowns.com/la/geismar/info/population/70734>

National Pipeline Mapping System <https://www.npms.phmsa.dot.gov/PublicViewer/>

Spearing, D. 1995. *Roadside Geology of Louisiana*. Mountain Press, 225 p.

## **Appendix B**

### **TITLE DOCUMENTATION**

State of Louisiana  
Parish of East Baton Rouge

RECORDED  
INDEXED  
DEC 17 11:16

NOTARIAL PUBLIC  
NOTARY PUBLIC

452905

Cash Sale

*msd*

BY CLERK

BE IT KNOWN that on the date and at the place designated below, before the undersigned witnesses and Notary Public, duly commissioned and qualified as such, personally came and appeared:

**CHINOOK GROUP, INC.**, a Minnesota corporation authorized to do and doing business in the State of Louisiana, represented herein by its duly authorized officer, Dean R. Lacy, pursuant to a Resolution of the Board of Directors, recorded with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana, at File No. 452903 in COB 629, Page     , whose principal mailing address is 9450 Mendel Road N., Stillwater, MN 55082, and whose federal taxpayer identification number is 41-1789573 (herein referred to as "Seller");

who did declare that for the consideration hereinafter mentioned Seller does, by these presents, sell, transfer and deliver with full warranty of title, and with full subrogation to all of Seller's rights and actions of warranty of title which Seller has or may have against previous owners and with all rights of prescription, both liberative and acquisitive, unto:

**BARBER BROTHERS CONTRACTING COMPANY, L.L.C.**, a Louisiana limited liability company, authorized to do and doing business in the State of Louisiana, represented herein by its Manager, Lionel H. Barber, pursuant to a Written Consent of the Members, a copy of which is recorded with the office of the Clerk of Court and Recorder of Mortgages for Ascension Parish, Louisiana as File No. 452904, in COB 629, Page     , with its registered office in East Baton Rouge Parish, Louisiana, whose Articles of Organization were recorded with the Secretary of State on December 22, 1997, whose principal mailing address is 2636 Dougherty Drive, Baton Rouge, Louisiana 70805, and whose federal taxpayer identification number is 72-1405304 (herein referred to as "Purchaser");

for the benefit of Purchaser, and Purchaser's successors and assigns, the following described property:

ITEM 1:

One (1) certain tract or parcel of land, situated in Ascension Parish, Louisiana, located in Sections 47 & 48, Township 9 South, Range 2 East, and Sections 9 & 10, Township 10 South, Range 2 East, Southeastern Land District of Louisiana, as shown on a map prepared by David E. Cloud, Sr., R.P.L.S. No 4361, Morris P. Hebert, Inc., dated February 8, 1994, revised July 8, 1994, and titled "UNION OIL COMPANY OF CALIFORNIA SURVEY OF PROPERTY LOCATED IN SECTIONS 47 & 48, T9S-R2E AND SECTIONS 9 & 10, T10S-R2E, SOUTHEASTERN LAND DISTRICT OF LOUISIANA EAST OF THE RIVER ASCENSION PARISH, LOUISIANA," and recorded with the Clerk of Court and Recorder of Mortgages for Ascension Parish, Louisiana at COB 535, page 35, entry number 346307, and is more particularly described as follows:

Commencing at point "A" on the above described map, said point being a 1 1/4" iron pipe found on the Northeast side of the road on top of the Mississippi River levee and being the point of beginning;

Thence South 38° 43' 41" West a distance of 515.17 feet to the ordinary low water line of the left descending bank of the Mississippi River.

Thence, along the ordinary low water line on the left descending bank of the Mississippi River the following courses:

North 36° 33' 36" West a distance of 664.31 feet;

North 50° 45' 44" West a distance of 975.23 feet;

North 47° 15' 24" West a distance of 756.69 feet;

North 64° 53' 26" West a distance of 917.38 feet to the northwesterly line of the herein described tract;

Thence, North 30° 15' 07" East (called North 30° 13' 23" East) a distance of 2142.76 feet to a 3/4" iron pipe found at the most westerly corner of a one acre tract described in act number 237198 of the conveyance records of Ascension Parish, Louisiana.

Thence, South 59° 47' 39" East (called South 59° 46' 37" East) a distance of 199.30 feet (called 200.00 feet) to a 3/4" iron pipe found at the most southerly corner of the above mentioned one acre tract;

Thence North 30° 18' 04" East (called South 30° 13' 23" West) a distance of 217.80 feet to a 3/4" iron pipe found at the most easterly corner of the above mentioned one acre tract;

Thence, North 59° 47' 30" West (called North 59° 46' 37" West) a distance of 200.00 feet to a 3/4" iron pipe found at the most northerly corner of the above mentioned one acre tract;

Thence, North 30° 14' 12" East (called North 30° 13' 23" East) a distance of 945.57 feet to a 1/2" iron pipe set at the most northerly corner of the herein described tract;

Thence, South 59° 45' 48" East a distance of 3398.48 feet to a 1/2" iron pipe set at the most easterly corner of the herein described tract;

Thence, South 9° 13' 23" East a distance of 184.09 feet to a found bolt in a concrete foundation block;

Thence, South 9° 13' 23" East (called South 8° 57' 24" East) a distance of 65.91 feet (called 65.90 feet) to a found bolt in a concrete foundation block;

Thence, South 12° 30' 32" West (called South 12° 27' 46" West) a distance of 255.91 feet (called 255.70 feet) to a found bolt in a concrete foundation block;

Thence, South 6° 19' 57" West (called South 5° 48' 16" West) a distance of 90.93 feet (called 91.43 feet) to a found bolt in a concrete foundation block;

Thence, South 25° 40' 58" West (called South 26° 26' 45" West) a distance of 70.81 feet (called 70.35 feet) to a found bolt in a concrete foundation block;

Thence, South 2° 14' 54" West (called South 2° 15' 06" West) a distance of 199.75 feet (called 200.10 feet) to a found bolt in a concrete foundation block;

Thence, South 21° 17' 18" West (called South 21° 11' 25" West) a distance of 147.20 feet (called 147.13 feet) to a found bolt in a concrete foundation block;

Thence, South 42° 53' 50" West (called South 42° 55' 01" West) a distance of 769.96 feet (called 770.00 feet) to a found bolt in concrete foundation block;

Thence, North 57° 37' 50" West (called North 57° 40' 41" West) a distance of 79.82 feet (called 80.00 feet) to a found bolt in a concrete foundation block;

Thence, South 38° 43' 41" West a distance of 1650.33 feet to the point of beginning;

Less and except a 0.516 acre tract sold by Alex C. McKowen to Mrs. Jewel V. Webb described in act recorded with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana as COB 84, Page 395, Entry Number 21896.

Less and except a 75.47 acre tract of land sold by Chinook Group, Inc. to Transcanada Gas Processing USA Inc., by act dated February 17, 1999 and recorded February 18, 1999 with the Clerk of Court and Recorder of Mortgages for Ascension Parish, Louisiana at COB 611, Page 670, Entry number 431245.

The above described property is the same property described in map entitled "Compiled Map of a Portion Tract 1 Waterloo Plantation Located in Sections 47 & 48, T-9-S, R-2-E & Sections 9 & 10, T-10-S, R-2-E, Southeastern Land District, East of the Mississippi River Ascension Parish, Louisiana for Lee Barber", dated December 8, 1999 and made by GWS Engineering, Inc., a copy of which is attached hereto and made a part hereof.

ITEM II:

To the extent owned by Seller, all of Seller's right, title and interest in and to all buildings, improvements, easements, servitudes, appurtenances, rights, privileges belonging or appertaining to the property, including, but not limited to, all of Seller's right, title and interest in and to any land lying in the bed of any street, road or avenue, opened or proposed, adjoining the property.

This sale is made and accepted for and in consideration of the sum of **ONE MILLION THREE HUNDRED THOUSAND AND NO/100 (\$1,300,000.00) DOLLARS** cash in hand paid, the receipt and adequacy of which are acknowledged by Seller.

Taxes for the year 1999 will be prorated as of the date of sale.

All parties signing this instrument have declared themselves to be of full legal capacity.

All agreements and stipulations herein and all the obligations herein assumed shall inure to the benefit of and be binding upon the heirs, successors and assigns of the respective parties, and Purchaser, their heirs, successors and assigns, shall have and hold the Property in full ownership forever.

The Property is conveyed subject to the following servitudes and restrictions of record:

1. Right of Way Agreement in favor of The New Orleans and Mississippi Valley Rail Road Co., dated June 29, 1887, recorded with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana as COB 34, Folio 18.
2. Permit in favor of Southern Bell Telephone and Telegraph Company, dated August 28, 1942, recorded with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana as COB 79, Folio 497, Entry Number 15968.
3. Permit in favor of Southern Bell Telephone and Telegraph Company, dated July 1, 1944, recorded with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana as COB 81, Folio 458, Entry Number 18473.
4. Servitude in favor of Gulf States Utilities Company dated August 12, 1945, recorded with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana as COB 83, Folio 265, Entry Number 20372.
5. General Permit in favor of Southern Bell Telephone and Telegraph Company, dated August 20, 1953, recorded with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana as COB 99, Folio 22, Entry Number 40612.
6. Pipeline Servitude in favor of Interstate Oil Pipeline Company, dated December 13, 1956, recorded with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana as COB 120, Folio 1, Entry Number 50319.
7. Grant of Right of Way for Public Highways dated July 3, 1958, recorded with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana as COB 136, Folio 221, Entry Number 55882.



8. Pipeline Servitude in favor of Sugar Bowl Gas Corp., dated May 22, 1964, recorded with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana as COB 181, Folio 333, Entry Number 76665.
9. Right of Way Agreement in favor of Mobil Oil Corporation, dated June 4, 1968, recorded with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana as COB 216, Folio 32, Entry Number 99298; as assigned to Union Exploration Partners, Ltd., a Texas limited partnership, and recorded as COB 438, Folio 117, Entry Number 257179.
10. Servitude in favor of Gulf States Utilities Company dated March 13, 1970, recorded with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana as COB 223, Folio 357, Entry Number 104694.
11. Right of Way Agreement in favor of Humble Pipe Line Company dated July 26, 1971, recorded with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana as COB 236, Folio 861, Entry Number 113430.
12. Right of Way Agreement in favor of Mobil Oil Corporation, dated July 13, 1973, recorded with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana as COB 250, Folio 68, Entry Number 123197; as assigned to Union Exploration Partners, Ltd., a Texas limited partnership, and recorded as COB 438, Folio 117, Entry Number 257179.
13. Pipeline Right of Way in favor of Big Three Industries, Inc., dated July 21, 1977, recorded with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana as COB 294, Folio 168, Entry Number 152872.
14. Pipeline Right of Way in favor of Exxon Pipeline Company, dated November 1, 1977, recorded with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana as COB 296, Folio 383, Entry Number 154363.
15. Pipeline Right of Way in favor of Stauffer Chemical Company, dated December 2, 1977, recorded with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana as COB 298, Folio 155, Entry Number 155311; as amended by act dated March 14, 1985, and recorded as COB 389, Folio 57, Entry Number 224696.
16. Pipeline Right of Way Agreement in favor of Airco, Inc., dated December 2, 1977, recorded with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana as COB 301, Folio 155, Entry Number 157566; as modified by act dated January 11, 1991, and recorded as COB 476, Folio 382, Entry Number 287212.
17. Pipeline Right of Way in favor of Enterprise Pipeline Company, dated October 19, 1978, recorded with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana as COB 310, Folio 744, Entry Number 164418.
18. Right of Way Agreement in favor of American Telephone and Telegraph Company (AT&T), dated January 14, 1987, recorded with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana as COB 419, Folio 158, Entry Number 242256.
19. Surface Lease Agreement between CSX NGL Division, CSX Energy Corporation Union Exploration Partners Ltd. and Exxon Pipeline Company, dated December 14, 1989, recorded with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana as COB 462, Folio 800, Entry Number 275348.
20. Right of Way Agreement in favor of Air Products and Chemicals, Inc., dated October 24, 1991, recorded with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana as COB 486, Folio 170, Entry Number 295838.
21. Right of Way Agreement in favor of Shell Pipe Line Corporation, dated February 13, 1992, recorded with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana as COB 501, Folio 138, Entry Number 310397.
22. Ordinance adopted by the Ascension Parish Council on October 6, 1994, creating and establishing an industrial area within and for the Parish of Ascension, recorded with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana as COB

532, Folio 384, Entry Number 343772, as further recorded as COB 532, Folio 395, Entry Number 343773.

23. Reservation of Easement as shown in act dated December 29, 1994, recorded with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana as COB 535, Folio 37, Entry Number 346309.
24. Covenants, Conditions, Restrictions, Waivers and Releases dated December 23, 1994, recorded with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana as COB 535, Folio 44, Entry Number 346310.
25. Servitude Agreement in favor of Liquid Carbonic Industries Corporation, dated July 12, 1995, recorded with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana as COB 544, Folio 352, Entry Number 356048.
26. Servitude in favor of Pioneer Chlor Alkali Company, Inc., dated January 23, 1997, recorded with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana as COB 572, Folio 197, Entry Number 386103.
27. Electrical Power line running along the westerly boundary of the right of way for Louisiana Hwy. 75 and rights in favor of the U. S. Corps of Engineers in connection with a Flood Control Levee Servitude, the limits of which levee as depicted on the "ALTA/ACSM Land Title Survey 75.47 Acre Tract to be acquired by TransCanada Gas Processing USA Inc." drawing number E37-125-03, drawn by Hydro Consultants, Inc. and dated December 28, 1998.
28. Servitude of the public over and across Louisville Lane as shown in survey attached to Sale of Property by Henry G. McKowen, II to Union Oil Company of California dated July 2, 1962 and recorded July 5, 1962 with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana as COB 166, Folio 348, Entry Number 69017.

Any reference to restrictions or servitudes above is not intended to nor does it reimpose such restrictions, but merely calls them to the attention of Purchaser. Further, any reference to a prior reservation of mineral rights is not intended to interrupt or suspend prescription of such mineral rights, prolong their existence or to admit to their validity, but only to call them to the attention of the Purchaser.

Purchaser and Seller dispense with the production of any mortgage certificate, tax receipts or other certificates that may be required by law and the undersigned Notary is released from any responsibility or liability for not producing and/or attaching same. The undersigned Notary has not rendered, nor has he been requested to render, an opinion on the title to the Property transferred pursuant to this instrument; nor has the undersigned Notary made any warranty or representation as to the zoning of the Property.

Signatures on following page



This act has been passed in the Parish of East Baton Rouge, State of Louisiana on the 15<sup>th</sup> day of December, 1999, in the presence of the undersigned competent witnesses and me, Notary Public, after due reading of the whole.

WITNESSES:

*Nah Fady*  
*Mull*

SELLER:

CHINOOK GROUP, INC.

By: *Dean R. Lacy*  
Dean R. Lacy  
Its duly authorized officer

*R. C. D*  
Notary Public

This act has been passed in the Parish of East Baton Rouge, State of Louisiana on the 15<sup>th</sup> day of December, 1999, in the presence of the undersigned competent witnesses and me, Notary Public, after due reading of the whole.

WITNESSES:

*Nah Fady*  
*Mull*

PURCHASER:

BARBER BROTHERS CONTRACTING  
COMPANY, L.L.C.

By: *A. Lee Barber*  
Name: *A. Lee Barber*  
Title: *Vice Pres.*

*R. C. D*  
Notary Public

INDEX OF EXCEPTION DOCUMENTS  
WATERLOO PLANTATION, ASCENSION PARISH

1. Right of Way Agreement in favor of The New Orleans and Mississippi Valley Rail Road Co., dated June 29, 1887, recorded with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana as COB 34, Folio 18.
2. Permit in favor of Southern Bell Telephone and Telegraph Company, dated August 28, 1942, recorded with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana as COB 79, Folio 497, Entry Number 15968.
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12. Right of Way Agreement in favor of Mobil Oil Corporation, dated July 13, 1973, recorded with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana as COB 250, Folio 68, Entry Number 123197; as assigned to Union Exploration Partners, Ltd., a Texas limited partnership, and recorded as COB 438, Folio 117, Entry Number 257179.

INDEX OF EXCEPTION DOCUMENTS (continued)

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17. Pipeline Right of Way in favor of Enterprise Pipeline Company, dated October 19, 1978, recorded with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana as COB 310, Folio 744, Entry Number 164418.
18. Right of Way Agreement in favor of American Telephone and Telegraph Company (AT&T), dated January 14, 1987, recorded with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana as COB 419, Folio 158, Entry Number 242256.
19. Surface Lease Agreement between CSX NGL Division, CSX Energy Corporation Union Exploration Partners Ltd. and Exxon Pipeline Company, dated December 14, 1989, recorded with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana as COB 462, Folio 800, Entry Number 275348.
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22. Ordinance adopted by the Ascension Parish Council on October 6, 1994, creating and establishing an industrial area within and for the Parish of Ascension, recorded with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana as COB 532, Folio 384, Entry Number 343772, as further recorded as COB 532, Folio 395, Entry Number 343773.
23. Reservation of Easement as shown in act dated December 29, 1994, recorded with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana as COB 535, Folio 37, Entry Number 346309.
24. Covenants, Conditions, Restrictions, Waivers and Releases dated December 23, 1994, recorded with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana as COB 535, Folio 44, Entry Number 346310.

INDEX OF EXCEPTION DOCUMENTS (continued)

25. Servitude Agreement in favor of Liquid Carbonic Industries Corporation, dated July 12, 1995, recorded with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana as COB 544, Folio 352, Entry Number 356048.
26. Servitude in favor of Pioneer Chlor Alkali Company, Inc., dated January 23, 1997, recorded with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana as COB 572, Folio 197, Entry Number 386103.
27. Electrical Power line running along the westerly boundary of the right of way for Louisiana Hwy. 75 and rights in favor of the U. S. Corps of Engineers in connection with a Flood Control Levee Servitude, the limits of which levee as depicted on the "ALTA/ACSM Land Title Survey 75.47 Acre Tract to be acquired by TransCanada Gas Processing USA Inc." drawing number E37-125-03, drawn by Hydro Consultants, Inc. and dated December 28, 1998.
28. Servitude of the public over and across Louisville Lane as shown in survey attached to Sale of Property by Henry G. McKowen, II to Union Oil Company of California dated July 2, 1962 and recorded July 5, 1962 with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana as COB 166, Folio 348, Entry Number 69017.
29. Memorandum of Lease by and between Barber Brothers Contracting Company, LLC and Vulcan Constructions Materials, L.P., dated November 26, 2001 and recorded February 1, 2002 with the Clerk of Court and Recorder of Mortgages for Ascension Parish, Louisiana at Entry No. 506935.
30. Right-of-Way Agreement by and between Barber Brother Contracting Company, LLC, and Crosstex LIG, LLC, dated April 11, 2006 and recorded May 2, 2006 with the Clerk of Court and Recorder of Mortgages for Ascension Parish, Louisiana at Entry No. 635302.
31. Right-of-Way Agreement by and between Barber Brother Contracting Company, LLC, and Pipeline Technology VI, LLC, dated November 17, 2010 and recorded November 29, 2010 with the Clerk of Court and Recorder of Mortgages for Ascension Parish, Louisiana at Entry No. 762278, as amended by that Notarial Act of Correction to Right of Way Agreement dated February 1, 2011 and recorded April 14, 2011 with the Clerk of Court and Recorder of Mortgages for Ascension Parish, Louisiana at Entry No. 770963.
32. Restrictions, servitudes, building and setback lines and other matters as shown on the survey entitled "Compiled Map of a Portion of Tract 1, Waterloo Plantation, Located in Sections 47 & 48, T-9-S, R-2-E & Sections 9 & 10, T-10-S, R-2-E, Southeastern Land District, East of the Mississippi River, Ascension Parish, Louisiana for Lee Barber", made by GWS Engineering, Inc., dated December 14, 1999, attached to and recorded with that certain Cash Sale between Chinook Group, Inc. and Barber Brothers Contracting Company, L.L.C., recorded with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana as COB 629, Entry Number 452905, but excluding any covenant, condition or restriction indicating a preference, limitation or discrimination based on race, color, religion, sex, handicap, familial status, or national origin to the extent such covenants, conditions or restrictions violate Title 42 U.S.C. Sec. 3604(c).

INDEX OF EXCEPTION DOCUMENTS (continued)

33. Restrictions, servitudes, building and setback lines and other matters as shown on the survey entitled, "Map Showing Subdivision of a 202.485 Acre Tract into Tracts A & B, Located in Sections 48 & 10, T-9-S R-2-E & T-10-S R-2-E, Southeastern Land District, East of the Mississippi River, Ascension Parish, Louisiana for Barber Brothers Contracting Company, LLC and Waterloo Operations, LLC" by Robert W. Overall, P.L.S., as recorded at Entry No. 792333 in the records of Ascension Parish, State of Louisiana, but excluding any covenant, condition or restriction indicating a preference, limitation or discrimination based on race, color, religion, sex, handicap, familial status, or national origin to the extent such covenants, conditions or restrictions violate Title 42 U.S.C. Sec. 3604(c).
34. Reciprocal Servitude Agreement by and between Barber Brothers Contracting Company, L.L.C. and Waterloo Operations LLC, dated February 17, 2012 and recorded February 22, 2012 with the Clerk of Court and Recorder of Mortgages for Ascension Parish, Louisiana at Entry No. 00791957.
35. Collateral Mortgage and Assignment of Leases and Rents by Waterloo Operations LLC and Barber Brothers Contracting Company, L.L.C. in favor of Whitney Bank, dated February 17, 2012 and recorded February 22, 2012 with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana at Entry No. 00791964.
36. Right of Way Servitude Agreement in favor of PL Midstream LLC May 29, 2012 and recorded February 14, 2013 with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana at Entry No. 00818264.
37. Act of Amendment of Servitude Agreement in favor of Praxair, Inc. dated August 23, 2012 and recorded September 28, 2012 with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana at Entry No. 00808393.
38. Right of Way Instrument Entergy Gulf States Louisiana, L.L.C. dated May 22, 2012 and recorded August 9, 2012 with the Clerk and Recorder of Mortgages for Ascension Parish, Louisiana at Entry No. 00804808.

## Appendix C

# ENVIRONMENTAL DATABASE SEARCH

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## ***GeoPlus Radius Report***

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[Satellite view](#)

*Target Property:*

***Barber Bros.***

***GEISMAR, Ascension Parish County, Louisiana 70734***

*Prepared For:*

***GEC Inc.***

***Order #: 27589***

***Job #: 61913***

***Date: 08/09/2013***

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## Table of Contents

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<i>Target Property Summary</i>	1
<i>Database Findings Summary</i>	2
<i>Locatable Database Findings</i>	6
<i>Radius Map 1</i>	10
<i>Radius Map 2</i>	11
<i>Ortho Map</i>	12
<i>Topographic Map</i>	13
<i>Report Summary of Locatable Sites</i>	14
<i>Report Summary of Unlocatable Sites</i>	89
<i>FEMA Map</i>	94
<i>FEMA Report</i>	95
<i>NWI Map</i>	96
<i>NWI Report</i>	97
<i>SOIL Map</i>	100
<i>SOIL Report</i>	101
<i>Environmental Records Definitions</i>	102



## Target Property Summary

**Barber Bros.**

**GEISMAR, Ascension Parish County, Louisiana 70734**

USGS Quadrangle: **Carville, LA**

Target Property Geometry: **Area**

Target Property Longitude(s)/Latitude(s):

(-91.026160, 30.206525), (-91.026160, 30.206525), (-91.028207, 30.204106), (-91.033665, 30.208510),  
(-91.027524, 30.215767), (-91.021384, 30.212355), (-91.022438, 30.210433), (-91.023927, 30.211301),  
(-91.023431, 30.211859), (-91.023244, 30.212541), (-91.024485, 30.212852), (-91.024857, 30.211983),  
(-91.025415, 30.211611), (-91.026532, 30.212231), (-91.027276, 30.211611), (-91.026842, 30.211177),  
(-91.027400, 30.210743), (-91.026780, 30.210060), (-91.028269, 30.208013), (-91.026160, 30.206525),  
(-91.026160, 30.206525)

County/Parish Covered:

Zipcode(s) Covered:

**Donaldsonville LA: 70346**

**Geismar LA: 70734**

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).**

*This report was designed by GeoSearch to meet or exceed the records search requirements of the All Appropriate Inquires 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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## Database Findings Summary

### FEDERAL LISTING

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
AEROMETRIC INFORMATION RETRIEVAL SYSTEM / AIR FACILITY SUBSYSTEM	<a href="#">AIRSAFS</a>	0	0	TP
BIENNIAL REPORTING SYSTEM	<a href="#">BRS</a>	0	0	TP
CLANDESTINE DRUG LABORATORY LOCATIONS	<a href="#">CDL</a>	0	0	TP
EPA DOCKET DATA	<a href="#">DOCKETS</a>	0	0	TP
FEDERAL ENGINEERING INSTITUTIONAL CONTROL SITES	<a href="#">EC</a>	0	0	TP
EMERGENCY RESPONSE NOTIFICATION SYSTEM	<a href="#">ERNSLA</a>	0	0	TP
FACILITY REGISTRY SYSTEM	<a href="#">FRSLA</a>	1	0	TP
HAZARDOUS MATERIALS INCIDENT REPORTING SYSTEM	<a href="#">HMIRSR06</a>	0	0	TP
INTEGRATED COMPLIANCE INFORMATION SYSTEM (FORMERLY DOCKETS)	<a href="#">ICIS</a>	0	0	TP
INTEGRATED COMPLIANCE INFORMATION SYSTEM NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	<a href="#">ICISNPDES</a>	0	0	TP
LAND USE CONTROL INFORMATION SYSTEM	<a href="#">LUCIS</a>	0	0	TP
MATERIAL LICENSING TRACKING SYSTEM	<a href="#">MLTS</a>	0	0	TP
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	<a href="#">NPDESR06</a>	0	0	TP
PCB ACTIVITY DATABASE SYSTEM	<a href="#">PADS</a>	0	0	TP
PERMIT COMPLIANCE SYSTEM	<a href="#">PCSR06</a>	1	<a href="#">1</a>	TP
RCRA SITES WITH CONTROLS	<a href="#">RCRASC</a>	0	0	TP
CERCLIS LIENS	<a href="#">SFLIENS</a>	0	0	TP
SECTION SEVEN TRACKING SYSTEM	<a href="#">SSTS</a>	0	0	TP
TOXICS RELEASE INVENTORY	<a href="#">TRI</a>	0	0	TP
TOXIC SUBSTANCE CONTROL ACT INVENTORY	<a href="#">TSCA</a>	0	0	TP
NO LONGER REGULATED RCRA GENERATOR FACILITIES	<a href="#">NLRRCRAG</a>	0	0	0.1250
RESOURCE CONSERVATION & RECOVERY ACT - GENERATOR FACILITIES	<a href="#">RCRAGR06</a>	0	<a href="#">1</a>	0.1250
HISTORICAL GAS STATIONS	<a href="#">HISTPST</a>	0	0	0.2500
BROWNFIELDS MANAGEMENT SYSTEM	<a href="#">BF</a>	0	0	0.5000
COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION & LIABILITY INFORMATION SYSTEM	<a href="#">CERCLIS</a>	0	0	0.5000
DELISTED NATIONAL PRIORITIES LIST	<a href="#">DNPL</a>	0	0	0.5000
NO FURTHER REMEDIAL ACTION PLANNED SITES	<a href="#">NFRAP</a>	0	0	0.5000
NO LONGER REGULATED RCRA NON-CORRACTS TSD FACILITIES	<a href="#">NLRRCRAT</a>	0	0	0.5000
OPEN DUMP INVENTORY	<a href="#">ODI</a>	0	0	0.5000
RESOURCE CONSERVATION & RECOVERY ACT - TREATMENT, STORAGE & DISPOSAL FACILITIES	<a href="#">RCRAT</a>	0	0	0.5000
DEPARTMENT OF DEFENSE SITES	<a href="#">DOD</a>	0	0	1.0000
FORMERLY USED DEFENSE SITES	<a href="#">FUDS</a>	0	0	1.0000

## Database Findings Summary

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
NO LONGER REGULATED RCRA CORRECTIVE ACTION FACILITIES	<a href="#">NLRRCRAC</a>	0	0	1.0000
NATIONAL PRIORITIES LIST	<a href="#">NPL</a>	0	0	1.0000
PROPOSED NATIONAL PRIORITIES LIST	<a href="#">PNPL</a>	0	0	1.0000
RESOURCE CONSERVATION & RECOVERY ACT - CORRECTIVE ACTION FACILITIES	<a href="#">RCRAC</a>	3	0	1.0000
RECORD OF DECISION SYSTEM	<a href="#">RODS</a>	0	0	1.0000
SUB-TOTAL		5	2	

## Database Findings Summary

### STATE (LA) LISTING

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
ASBESTOS DEMOLITION AND RENOVATION NOTIFICATION PROJECTS	<a href="#">ASBESTOS</a>	0	0	TP
SITES WITH CONTROLS	<a href="#">IC</a>	0	0	TP
LISTING OF LOUISIANA DEQ LIENS	<a href="#">LIENS</a>	0	0	TP
SPILLS LISTING	<a href="#">SPILLS</a>	0	0	TP
WASTE TIRE GENERATOR LIST	<a href="#">WASTETIRE</a>	0	0	TP
DRYCLEANING FACILITIES	<a href="#">DCR</a>	0	0	0.2500
NO LONGER REPORTED UNDERGROUND STORAGE TANKS	<a href="#">NLRUST</a>	0	0	0.2500
UNDERGROUND STORAGE TANKS	<a href="#">UST</a>	0	1	0.2500
APPROVED HURRICANE DEBRIS DUMP SITES	<a href="#">ADS</a>	0	0	0.5000
HISTORICAL LEAKING UNDERGROUND STORAGE TANKS	<a href="#">HLUST</a>	0	0	0.5000
LEAKING UNDERGROUND STORAGE TANKS	<a href="#">LUST</a>	0	0	0.5000
RECYCLING FACILITIES	<a href="#">RCY</a>	0	0	0.5000
SOLID WASTE LANDFILLS	<a href="#">SWLF</a>	0	0	0.5000
VOLUNTARY REMEDIATION PROGRAM SITES	<a href="#">VRP</a>	0	0	0.5000
WASTE PITS	<a href="#">WP</a>	9	0	0.5000
CONFIRMED AND POTENTIAL SITES INVENTORY	<a href="#">CPI</a>	1	1	1.0000
SUB-TOTAL		10	2	

## Database Findings Summary

### TRIBAL LISTING

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
UNDERGROUND STORAGE TANKS ON TRIBAL LANDS	<a href="#">USTR06</a>	0	0	0.2500
LEAKING UNDERGROUND STORAGE TANKS ON TRIBAL LANDS	<a href="#">LUSTR06</a>	0	0	0.5000
OPEN DUMP INVENTORY ON TRIBAL LANDS	<a href="#">ODINDIAN</a>	0	0	0.5000
INDIAN RESERVATIONS	<a href="#">INDIANRES</a>	0	0	1.0000
SUB-TOTAL		0	0	
TOTAL		15	4	

## Locatable Database Findings

### FEDERAL LISTING

Acronym	Search Radius (miles)	Target Property	1/8 Mile (> TP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
AIRSAFS	0.0200	1	0	0	0	0	NS	0
BRS	0.0200		0	0	0	0	NS	0
CDL	0.0200		0	0	0	0	NS	0
DOCKETS	0.0200		0	0	0	0	NS	0
EC	0.0200		0	0	0	0	NS	0
ERNSLA	0.0200		0	0	0	0	NS	0
FRSLA	0.0200		0	0	0	0	NS	1
HMIRSR06	0.0200		0	0	0	0	NS	0
ICIS	0.0200		0	0	0	0	NS	0
ICISNPDES	0.0200		0	0	0	0	NS	0
LUCIS	0.0200		0	0	0	0	NS	0
MLTS	0.0200		0	0	0	0	NS	0
NPDES06	0.0200		0	0	0	0	NS	0
PADS	0.0200		0	0	0	0	NS	0
PCSR06	0.0200		0	0	0	0	NS	1
RCRASC	0.0200		0	0	0	0	NS	0
SFLIENS	0.0200		0	0	0	0	NS	0
SSTS	0.0200		0	0	0	0	NS	0
TRI	0.0200	1	0	0	0	0	NS	0
TSCA	0.0200		0	0	0	0	NS	0
NLRRCRAG	0.1250		0	0	0	0	NS	0
RCRAGR06	0.1250		0	0	0	0	NS	0
HISTPST	0.2500		0	0	0	0	NS	0
BF	0.5000		0	0	0	0	NS	0
CERCLIS	0.5000		0	0	0	0	NS	0
DNPL	0.5000		0	0	0	0	NS	0
NFRAP	0.5000		0	0	0	0	NS	0
NLRRCRAT	0.5000		0	0	0	0	NS	0
ODI	0.5000		0	0	0	0	NS	0
RCRAT	0.5000		0	0	0	0	NS	0
DOD	1.0000		0	0	0	0	NS	0
FUDS	1.0000		0	0	0	0	NS	0
NLRRCRAC	1.0000		0	0	0	0	NS	0
NPL	1.0000		0	0	0	0	NS	0
PNPL	1.0000		0	0	0	0	NS	0
RCRAC	1.0000		0	0	0	3	NS	3

## Locatable Database Findings

Acronym	Search Radius (miles)	Target Property	1/8 Mile (> TP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
RODS	1.0000		0	0	0	0	NS	0
SUB-TOTAL		2	0	0	0	3	0	5

## Locatable Database Findings

### STATE (LA) LISTING

Acronym	Search Radius (miles)	Target Property	1/8 Mile (> TP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
ASBESTOS	0.0200		0	0	0	0	NS	0
IC	0.0200		0	0	0	0	NS	0
LIENS	0.0200		0	0	0	0	NS	0
SPILLS	0.0200		0	0	0	0	NS	0
WASTETIRE	0.0200		0	0	0	0	NS	0
DCR	0.2500		0	0	0	0	NS	0
NLRUST	0.2500		0	0	0	0	NS	0
UST	0.2500		0	0	0	0	NS	0
ADS	0.5000		0	0	0	0	NS	0
HLUST	0.5000		0	0	0	0	NS	0
LUST	0.5000		0	0	0	0	NS	0
RCY	0.5000		0	0	0	0	NS	0
SWLF	0.5000		0	0	0	0	NS	0
VRP	0.5000		0	0	0	0	NS	0
WP	0.5000	1	0	1	7	0	NS	9
CPI	1.0000		0	0	1	0	NS	1
SUB-TOTAL		1	0	1	8	0	0	10



## Locatable Database Findings

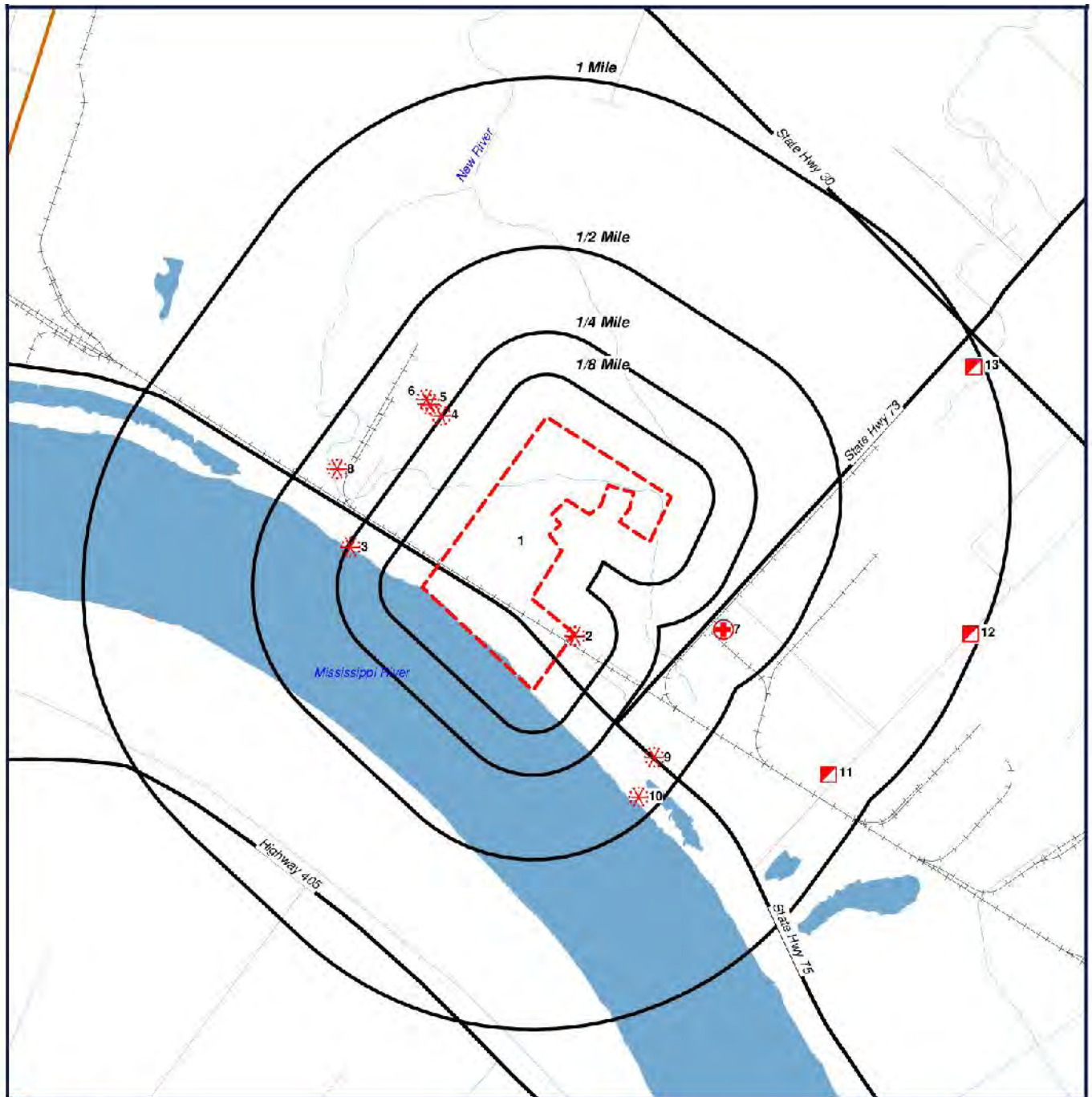
### TRIBAL LISTING

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

TOTAL		3	0	1	8	3	0	15
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NOTES:  
NS = NOT SEARCHED

## Radius Map 1



- Target Property (TP)
- WP
- CPI
- RCRAC

**Barber Bros.**  
**GEISMAR, Louisiana**  
**70734**

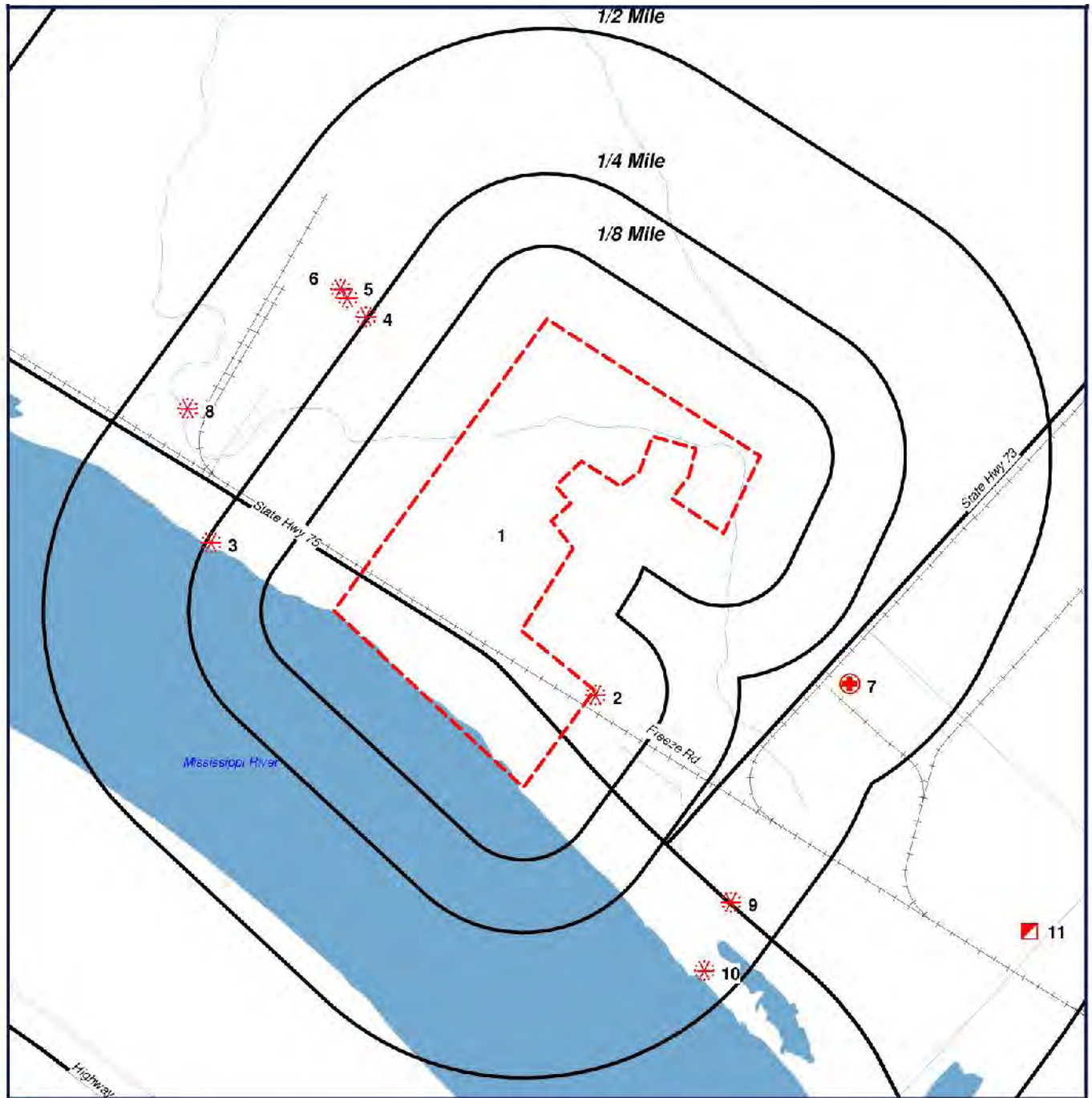


0' 1200' 2400' 3600'  
 SCALE: 1" = 2400'

[Click here to access Satellite view](#)

**GeoSearch** [www.geo-search.com](http://www.geo-search.com) 888-396-0042

## Radius Map 2



- Target Property (TP)
- WP
- CPI
- RCRAC

**Barber Bros.**  
**GEISMAR, Louisiana**  
**70734**



0' 700' 1400' 2100'  
 SCALE: 1" = 1400'

[Click here to access Satellite view](#)

**GeoSearch** [www.geo-search.com](http://www.geo-search.com) 888-396-0042



## Ortho Map



- Target Property (TP)
- WP
- CPI
- RCRAC

**Quadrangle(s): Carville**  
**Source: LOSCO (02/23/1998)**  
**Barber Bros.**  
**GEISMAR, Louisiana**  
**70734**



0' 700' 1400' 2100'

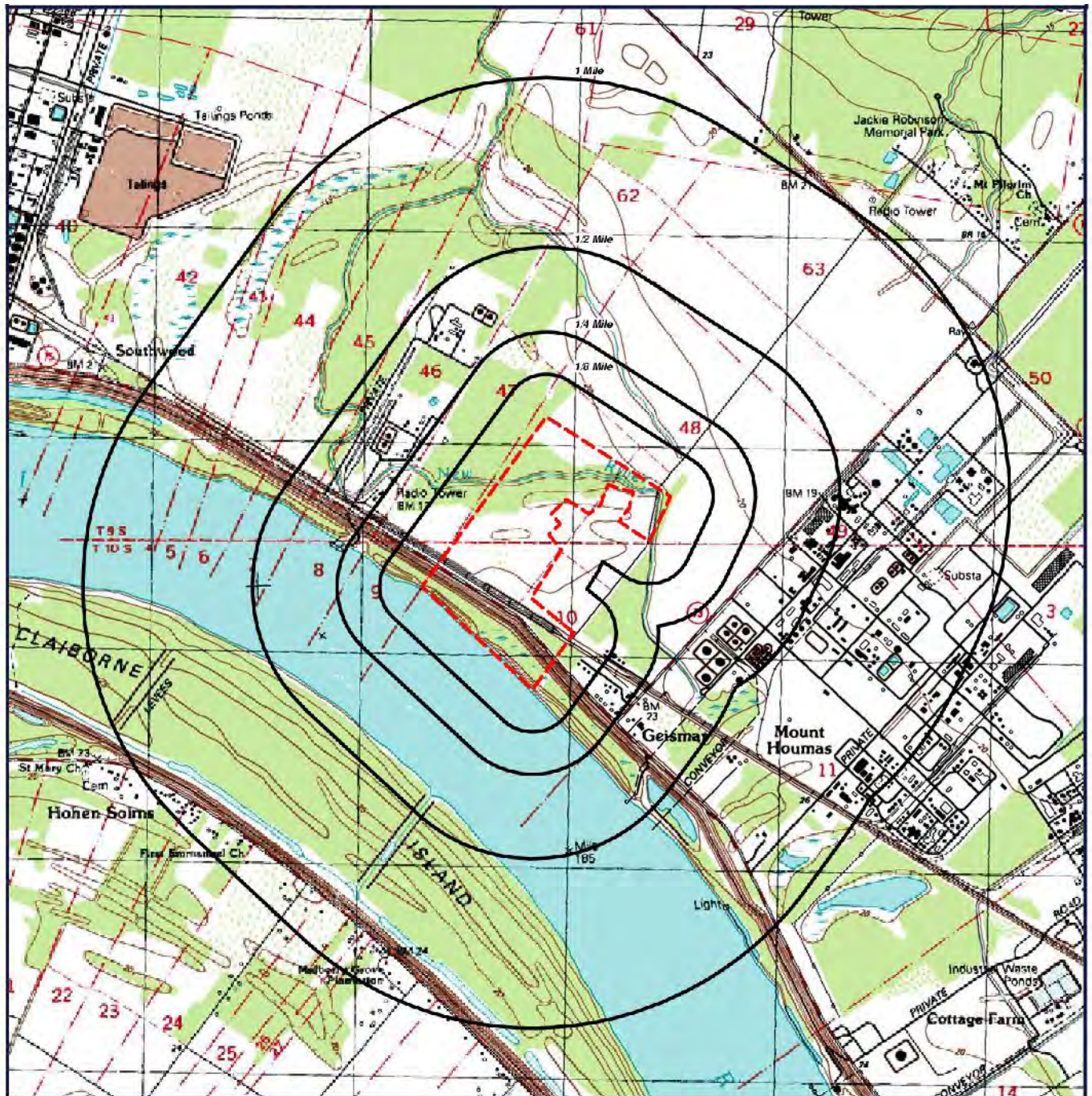
SCALE: 1" = 1400'


[Click here to access Satellite view](#)

**GeoSearch** [www.geo-search.com](http://www.geo-search.com) 888-396-0042



# Topographic Map



 Target Property (TP)

Quadrangle(s): Carville  
Source: USGS, 2000  
Barber Bros.  
GEISMAR, Louisiana  
70734



0' 1200' 2400' 3600'  
SCALE: 1" = 2400'

[Click here to access Satellite view](#)

**GeoSearch** [www.geo-search.com](http://www.geo-search.com) 888-396-0042

## Report Summary of Locatable Sites

Map ID#	Database Name	Site ID#	Distance From Site	Site Name	Address	City, Zip Code
<a href="#">1</a>	FRSLA	110012673491	TP	BARBER BROS CONTRACTING CO LLC	HWY 73 @ HWY 75	GEISMAR, 70734
<a href="#">2</a>	PCSR06	LA0098523	0.01 S	CHINOOK GROUP LOUISIANA, INC.	LA STATE HWY 75 NEAR INT. OFLA STAT	GEISMAR
<a href="#">2</a>	WP	03_mh_23258	0.01 S	CHINOOK GROUP LOUISIANA, INC.	WILLOW GLEN	GEISMAR, 70734
<a href="#">3</a>	WP	03_d_23459	0.25 W	ENRON LOUISIANA ENERGY CO.	WILLOW GLEN	GEISMAR, 70734
<a href="#">4</a>	WP	03_o_23255	0.26 NW	ENRON LOUISIANA ENERGY	WILLOW GLEN	GEISMAR, 70734
<a href="#">5</a>	WP	03_p_23253	0.3 NW	ENRON LOUISIANA ENERGY	WILLOW GLEN	GEISMAR, 70734
<a href="#">5</a>	WP	03_p_23252	0.3 NW	ENRON LOUISIANA ENERGY	WILLOW GLEN	GEISMAR, 70734
<a href="#">6</a>	WP	03_o_23254	0.32 NW	ENRON LOUISIANA ENERGY	WILLOW GLEN	GEISMAR, 70734
<a href="#">7</a>	CPI	1093	0.35 E	AIR LIQUIDE LARGE INDUSTRIES US LP - GEI	4266 HWY 73	GEISMAR, 70734
<a href="#">8</a>	WP	03_ms_23256	0.41 NW	SHELL OIL CO.	WILLOW GLEN	GEISMAR, 70734
<a href="#">9</a>	WP	03_mh_23500	0.41 SE	BORDEN CHEMICALS AND PLASTICS	DARROW	GEISMAR, 70734
<a href="#">10</a>	WP	03_d_23460	0.45 S	BORDEN CHEMICALS AND PLASTICS	DARROW	GEISMAR, 70734
<a href="#">11</a>	RCRAC	LAD008213191	0.87 SE	RUBICON LLC	9156 HIGHWAY 75	GEISMAR, 70734
<a href="#">12</a>	RCRAC	LAD008194060	0.98 E	LION COPOLYMER GEISMAR, LLC	36191 HIGHWAY 30	GEISMAR, 70734
<a href="#">13</a>	RCRAC	LAD003913449	0.99 NE	WESTLAKE VINYL COMPANY, LP	36045 HIGHWAY 30	GEISMAR, 70734

## Facility Registry System (FRSLA)

[MAP ID# 1](#)

Distance from Property: 0.00 mi. X

### **FACILITY INFORMATION**

REGISTRY ID: 110012673491

NAME: **BARBER BROS CONTRACTING CO LLC**

LOCATION ADDRESS: **HWY 73 @ HWY 75  
GEISMAR, LA 70734**

COUNTY: **ASCENSION**

EPA REGION: **6**

FEDERAL FACILITY: **NOT REPORTED**

TRIBAL LAND: **NOT REPORTED**

ALTERNATIVE NAME/S:

**BARBER BROS CONTRACTING CO LLC**

PROGRAM/S LISTED FOR THIS FACILITY

**NPDES - \*DEFINITION NOT PROVIDED BY REPORTING AGENCY**

**PCS - \*DEFINITION NOT PROVIDED BY REPORTING AGENCY**

STANDARD INDUSTRIAL CLASSIFICATION/S (SIC)

**3273 - READY-MIXED CONCRETE**

**3273 - READY-MIXED CONCRETE**

NORTH AMERICAN INDUSTRY CLASSIFICATION/S (NAICS)

**NO NAICS DATA REPORTED**

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[Back to Report Summary](#)



## Permit Compliance System (PCSR06)

[MAP ID# 2](#)

Distance from Property: 0.01 mi. S

### **FACILITY INFORMATION**

PERMIT #: LA0098523

NAME: CHINOOK GROUP LOUISIANA, INC.

PHYSICAL ADDRESS: LA STATE HWY 75 NEAR INT. OF LA STATE HWY. 73, ASCENSION PA  
GEISMAR, LA

FACILITY TYPE: INDUSTRIAL

PERMIT TYPE: NOT REPORTED

PERMIT EXPIRED: NOT REPORTED

RECEIVING WATERS: 2869

STANDARD INDUSTRIAL CODE: ESTABLISHMENTS PRIMARILY ENGAGED IN MANUFACTURING INDUSTRIAL ORGANIC  
CHEMICALS, NOT ELSEWHERE CLASSIFIED.

### **INSPECTIONS**

- NO INSPECTIONS REPORTED -

### **HISTORIC COMPLIANCE**

- NO HISTORIC COMPLIANCE REPORTED -

### **EFFLUENT VIOLATIONS**

- NO EFFLUENT VIOLATIONS REPORTED -

### **SINGLE EVENT VIOLATIONS**

- NO SINGLE EVENT VIOLATIONS REPORTED -

### **COMPLIANCE SCHEDULE VIOLATIONS**

- NO COMPLIANCE SCHEDULE VIOLATIONS REPORTED -

### **ENFORCEMENT ACTIONS AND PENALTIES**

- NO ENFORCEMENT ACTIONS AND PENALTIES REPORTED -

---

[Back to Report Summary](#)



## Waste Pits (WP)

**MAP ID# 2**

Distance from Property: 0.01 mi. S

### SITE INFORMATION

ID#: 03\_mh\_23258

OPERATOR: LOUISIANA INTRASTATE GAS CORP.

LAND OWNER: CHINOOK GROUP LOUISIANA, INC.

PARISH: ASCENSION

OIL FIELD NAME: WILLOW GLEN

PIT TYPE: MANIFOLD HEADER - A DEVICE (USUALLY A PIPE OR PIPE SEGMENTS) THAT SERVES AS A MOUNTING POINT FOR VALVES LEADING TO CONNECTING PIPELINES

PIT DESCRIPTION: NOT REPORTED

COMMENTS: NOT REPORTED

INSPECTION DATE: 08/15/1997 INSPECTION TIME: 13:15

STATUS: ACTIVE

IS PIT PROPERLY MARKED WITH AN ID SIGN OR PLAQUE?: YES

IS THERE A SITE PLAN FOR THE FACILITY?: YES

IS THE AREAS AFFECTED BY SPILLS MAPPED ON THE SITE PLAN?: NO

HAVE THE ENVIRONMENTALLY SENSITIVE AREAS (E.G. WETLAND) NEAR THE FACILITY BEEN MAPPED?: NO

NUMBER OF PHOTOS TAKEN OF FACILITY/SITE: 2

GENERAL DESCRIPTION OF CONTAINMENT: BARRIER, FENCE

DEPTH OF FLUID NECESSARY TO OVERFLOW COTAINMENT: NONE

CONDITION OF CONTAINMENT: ADEQUATE

CONTAINMENT BREACHED?: NO

GENERAL COMMENTS ABOUT SITE: NOT REPORTED

HAZARD / CLEANUP RANKING (RANGE OF VALUES 0 - 90): 45

### REMEDIAL ACTION INFORMATION

NO DATA REPORTED

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[Back to Report Summary](#)

## Waste Pits (WP)

**MAP ID# 3**

Distance from Property: 0.25 mi. W

### SITE INFORMATION

ID#: 03\_d\_23459

OPERATOR: TRANSCANADA GAS PROCESSING CO.

LAND OWNER: ENRON LOUISIANA ENERGY CO.

PARISH: ASCENSION

OIL FIELD NAME: WILLOW GLEN

PIT TYPE: DOCK

PIT DESCRIPTION: NOT REPORTED

COMMENTS: LOADING DOCK

INSPECTION DATE: 09/05/1997 INSPECTION TIME: 7:50

STATUS: ACTIVE

IS PIT PROPERLY MARKED WITH AN ID SIGN OR PLAQUE?: YES

IS THERE A SITE PLAN FOR THE FACILITY?: YES

IS THE AREAS AFFECTED BY SPILLS MAPPED ON THE SITE PLAN?: NO

HAVE THE ENVIRONMENTALLY SENSITIVE AREAS (E.G. WETLAND) NEAR THE FACILITY BEEN MAPPED?: NO

NUMBER OF PHOTOS TAKEN OF FACILITY/SITE: 3

GENERAL DESCRIPTION OF CONTAINMENT: NONE

DEPTH OF FLUID NECESSARY TO OVERFLOW COTAINMENT: NONE

CONDITION OF CONTAINMENT: ADEQUATE

CONTAINMENT BREACHED?: NO

GENERAL COMMENTS ABOUT SITE: LOADING DOCK

HAZARD / CLEANUP RANKING (RANGE OF VALUES 0 - 90): 45

### REMEDIAL ACTION INFORMATION

NO DATA REPORTED

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[Back to Report Summary](#)

## Waste Pits (WP)

**MAP ID# 4**

Distance from Property: 0.26 mi. NW

### SITE INFORMATION

ID#: **03\_o\_23255**

OPERATOR: **TRANSCANADA GAS PROCESSING CO.**

LAND OWNER: **ENRON LOUISIANA ENERGY**

PARISH: **ASCENSION**

OIL FIELD NAME: **WILLOW GLEN**

PIT TYPE: **OTHER - MISCELLANEOUS OILFIELD EQUIPMENT, INCLUDING SEPARATORS**

PIT DESCRIPTION: **SUMP**

COMMENTS: **NOT REPORTED**

INSPECTION DATE: **08/15/1997** INSPECTION TIME: **11:45**

STATUS: **ACTIVE**

IS PIT PROPERLY MARKED WITH AN ID SIGN OR PLAQUE?: **YES**

IS THERE A SITE PLAN FOR THE FACILITY?: **YES**

IS THE AREAS AFFECTED BY SPILLS MAPPED ON THE SITE PLAN?: **NO**

HAVE THE ENVIRONMENTALLY SENSITIVE AREAS (E.G. WETLAND) NEAR THE FACILITY BEEN MAPPED?: **NO**

NUMBER OF PHOTOS TAKEN OF FACILITY/SITE: **2**

GENERAL DESCRIPTION OF CONTAINMENT: **CONCRETE CURB**

DEPTH OF FLUID NECESSARY TO OVERFLOW COTAINMENT: **4"**

CONDITION OF CONTAINMENT: **ADEQUATE**

CONTAINMENT BREACHED?: **NO**

GENERAL COMMENTS ABOUT SITE: **NOT REPORTED**

HAZARD / CLEANUP RANKING (RANGE OF VALUES 0 - 90): **70**

### REMEDIAL ACTION INFORMATION

PIT ACCESSIBLE BY LAND?: **YES**

PIT ACCESSIBLE BY WATER?: **NO**

CONTAINMENT NEEDS TO BE INSTALLED?: **NO**

EXISTING CONTAINMENT FOR PIT NEEDS TO BE REPAIRED?: **NO**

REMEDIAL ACTION NEEDED: **NO ACTION REQUIRED, MONITOR LEVEL INSIDE CONTAINMENT.**

AREA AFFECTED (sq. ft.): **NOT REPOR**

RECOMMENDATION ON WHETHER OR NOT THE FACILITY SHOULD BE REMOVED: **NO ACTION REQUIRED, MONITOR.**

HAS WELLHEAD BEEN PLUGGED & ABANDONED?: **NO**

DOES A BARRIER THAT PREVENTS DAMAGE TO AN ITEM NEED TO BE INSTALLED?: **NO**

IS THERE A POTENTIAL HAZARD TO CLEANUP OPERATOR?: **NO**

CLEANUP OPTIONS: **MONITOR SITE.**

TESTING & MONITORING REQUIREMENTS: **MONITOR PROGRESS ON STATUS**

[Back to Report Summary](#)

## Waste Pits (WP)

**MAP ID# 5**

Distance from Property: 0.30 mi. NW

### SITE INFORMATION

ID#: 03\_p\_23253

OPERATOR: TRANSCANADA GAS PROCESSING CO.

LAND OWNER: ENRON LOUISIANA ENERGY

PARISH: ASCENSION

OIL FIELD NAME: WILLOW GLEN

PIT TYPE: PIT - AN EXCAVATED AND/OR BERMED AREA TO HOLD OVERFLOW, SPILLS AND FLUIDS FROM OIL WELL

DRILLING AND OIL STORAGE

PIT DESCRIPTION: 03-P-015

COMMENTS: NOT REPORTED

INSPECTION DATE: 08/15/1997 INSPECTION TIME: 11:00

STATUS: ACTIVE

IS PIT PROPERLY MARKED WITH AN ID SIGN OR PLAQUE?: YES

IS THERE A SITE PLAN FOR THE FACILITY?: YES

IS THE AREAS AFFECTED BY SPILLS MAPPED ON THE SITE PLAN?: NO

HAVE THE ENVIRONMENTALLY SENSITIVE AREAS (E.G. WETLAND) NEAR THE FACILITY BEEN MAPPED?: NO

NUMBER OF PHOTOS TAKEN OF FACILITY/SITE: 2

GENERAL DESCRIPTION OF CONTAINMENT: LEVEE

DEPTH OF FLUID NECESSARY TO OVERFLOW COTAINMENT: 48"

CONDITION OF CONTAINMENT: ADEQUATE

CONTAINMENT BREACHED?: NO

GENERAL COMMENTS ABOUT SITE: NOT REPORTED

HAZARD / CLEANUP RANKING (RANGE OF VALUES 0 - 90): 40

### REMEDIAL ACTION INFORMATION

NO DATA REPORTED

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[Back to Report Summary](#)

## Waste Pits (WP)

**MAP ID# 5**

Distance from Property: 0.30 mi. NW

### SITE INFORMATION

ID#: 03\_p\_23252

OPERATOR: TRANSCANADA GAS PROCESSING CO.

LAND OWNER: ENRON LOUISIANA ENERGY

PARISH: ASCENSION

OIL FIELD NAME: WILLOW GLEN

PIT TYPE: PIT - AN EXCAVATED AND/OR BERMED AREA TO HOLD OVERFLOW, SPILLS AND FLUIDS FROM OIL WELL

DRILLING AND OIL STORAGE

PIT DESCRIPTION: 03-P-015

COMMENTS: NOT REPORTED

INSPECTION DATE: 08/15/1997 INSPECTION TIME: 10:51

STATUS: ACTIVE

IS PIT PROPERLY MARKED WITH AN ID SIGN OR PLAQUE?: YES

IS THERE A SITE PLAN FOR THE FACILITY?: YES

IS THE AREAS AFFECTED BY SPILLS MAPPED ON THE SITE PLAN?: NO

HAVE THE ENVIRONMENTALLY SENSITIVE AREAS (E.G. WETLAND) NEAR THE FACILITY BEEN MAPPED?: NO

NUMBER OF PHOTOS TAKEN OF FACILITY/SITE: 2

GENERAL DESCRIPTION OF CONTAINMENT: LEVEE

DEPTH OF FLUID NECESSARY TO OVERFLOW COTAINMENT: 48"

CONDITION OF CONTAINMENT: ADEQUATE

CONTAINMENT BREACHED?: NO

GENERAL COMMENTS ABOUT SITE: NOT REPORTED

HAZARD / CLEANUP RANKING (RANGE OF VALUES 0 - 90): 40

### REMEDIAL ACTION INFORMATION

NO DATA REPORTED

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[Back to Report Summary](#)

## Waste Pits (WP)

**MAP ID# 6**

Distance from Property: 0.32 mi. NW

### SITE INFORMATION

ID#: **03\_o\_23254**

OPERATOR: **TRANSCANADA GAS PROCESSING CO.**

LAND OWNER: **ENRON LOUISIANA ENERGY**

PARISH: **ASCENSION**

OIL FIELD NAME: **WILLOW GLEN**

PIT TYPE: **OTHER - MISCELLANEOUS OILFIELD EQUIPMENT, INCLUDING SEPARATORS**

PIT DESCRIPTION: **SUMP**

COMMENTS: **NOT REPORTED**

INSPECTION DATE: **08/15/1997** INSPECTION TIME: **11:30**

STATUS: **ACTIVE**

IS PIT PROPERLY MARKED WITH AN ID SIGN OR PLAQUE?: **YES**

IS THERE A SITE PLAN FOR THE FACILITY?: **YES**

IS THE AREAS AFFECTED BY SPILLS MAPPED ON THE SITE PLAN?: **NO**

HAVE THE ENVIRONMENTALLY SENSITIVE AREAS (E.G. WETLAND) NEAR THE FACILITY BEEN MAPPED?: **NO**

NUMBER OF PHOTOS TAKEN OF FACILITY/SITE: **3**

GENERAL DESCRIPTION OF CONTAINMENT: **LEVEE**

DEPTH OF FLUID NECESSARY TO OVERFLOW COTAINMENT: **NONE**

CONDITION OF CONTAINMENT: **ADEQUATE**

CONTAINMENT BREACHED?: **NO**

GENERAL COMMENTS ABOUT SITE: **NOT REPORTED**

HAZARD / CLEANUP RANKING (RANGE OF VALUES 0 - 90): **70**

### REMEDIAL ACTION INFORMATION

PIT ACCESSIBLE BY LAND?: **YES**

PIT ACCESSIBLE BY WATER?: **NO**

CONTAINMENT NEEDS TO BE INSTALLED?: **NO**

EXISTING CONTAINMENT FOR PIT NEEDS TO BE REPAIRED?: **NO**

REMEDIAL ACTION NEEDED: **NO ACTION REQUIRED, MONITOR LEVEL INSIDE CONTAINMENT.**

AREA AFFECTED (sq. ft.): **NOT REPOR**

RECOMMENDATION ON WHETHER OR NOT THE FACILITY SHOULD BE REMOVED: **NO ACTION REQUIRED, MONITOR.**

HAS WELLHEAD BEEN PLUGGED & ABANDONED?: **NO**

DOES A BARRIER THAT PREVENTS DAMAGE TO AN ITEM NEED TO BE INSTALLED?: **NO**

IS THERE A POTENTIAL HAZARD TO CLEANUP OPERATOR?: **NO**

CLEANUP OPTIONS: **MONITOR SITE.**

TESTING & MONITORING REQUIREMENTS: **MONITOR PROGRESS ON STATUS**

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[Back to Report Summary](#)

## Confirmed and Potential Sites Inventory (CPI)

[MAP ID# 7](#)

Distance from Property: 0.35 mi. E

### **FACILITY INFORMATION**

FACILITY ID: 1093

NAME: AIR LIQUIDE LARGE INDUSTRIES US LP - GEISMAR UTILITY SERVICES

ADDRESS: 4266 HWY 73

GEISMAR, LA 70734

PARISH: ASCENSION

STATUS: POTENTIAL

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[Back to Report Summary](#)

## Waste Pits (WP)

**MAP ID# 8**

Distance from Property: 0.41 mi. NW

### SITE INFORMATION

ID#: 03\_ms\_23256

OPERATOR: ACADIANA GAS SYSTEMS, INC.

LAND OWNER: SHELL OIL CO.

PARISH: ASCENSION

OIL FIELD NAME: WILLOW GLEN

PIT TYPE: **METERING STATION - A POINT IN A PIPELINE WHERE APPARATUS TO MEASURE THE FLOW OF OIL OR GAS IS EMPLACED**

PIT DESCRIPTION: **NOT REPORTED**

COMMENTS: **LIMESTONE PAD**

INSPECTION DATE: **08/15/1997** INSPECTION TIME: **12:30**

STATUS: **ACTIVE**

IS PIT PROPERLY MARKED WITH AN ID SIGN OR PLAQUE?: **YES**

IS THERE A SITE PLAN FOR THE FACILITY?: **YES**

IS THE AREAS AFFECTED BY SPILLS MAPPED ON THE SITE PLAN?: **NO**

HAVE THE ENVIRONMENTALLY SENSITIVE AREAS (E.G. WETLAND) NEAR THE FACILITY BEEN MAPPED?: **NO**

NUMBER OF PHOTOS TAKEN OF FACILITY/SITE: **3**

GENERAL DESCRIPTION OF CONTAINMENT: **BARRIER, FENCE**

DEPTH OF FLUID NECESSARY TO OVERFLOW COTAINMENT: **NONE**

CONDITION OF CONTAINMENT: **ADEQUATE**

CONTAINMENT BREACHED?: **NO**

GENERAL COMMENTS ABOUT SITE: **LIMESTONE PAD**

HAZARD / CLEANUP RANKING (RANGE OF VALUES 0 - 90): **45**

### REMEDIAL ACTION INFORMATION

NO DATA REPORTED

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[Back to Report Summary](#)



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## Waste Pits (WP)

**MAP ID# 9**

Distance from Property: 0.41 mi. SE

### SITE INFORMATION

ID#: 03\_mh\_23500

OPERATOR: VULCAN CHEMICAL

LAND OWNER: BORDEN CHEMICALS AND PLASTICS

PARISH: ASCENSION

OIL FIELD NAME: DARROW

PIT TYPE: MANIFOLD HEADER - A DEVICE (USUALLY A PIPE OR PIPE SEGMENTS) THAT SERVES AS A MOUNTING POINT FOR VALVES LEADING TO CONNECTING PIPELINES

PIT DESCRIPTION: NOT REPORTED

COMMENTS: NOT REPORTED

INSPECTION DATE: 09/12/1997 INSPECTION TIME: 9:25

STATUS: ACTIVE

IS PIT PROPERLY MARKED WITH AN ID SIGN OR PLAQUE?: YES

IS THERE A SITE PLAN FOR THE FACILITY?: YES

IS THE AREAS AFFECTED BY SPILLS MAPPED ON THE SITE PLAN?: NO

HAVE THE ENVIRONMENTALLY SENSITIVE AREAS (E.G. WETLAND) NEAR THE FACILITY BEEN MAPPED?: NO

NUMBER OF PHOTOS TAKEN OF FACILITY/SITE: 2

GENERAL DESCRIPTION OF CONTAINMENT: BARRIER, FENCE

DEPTH OF FLUID NECESSARY TO OVERFLOW COTAINMENT: NONE

CONDITION OF CONTAINMENT: ADEQUATE

CONTAINMENT BREACHED?: NO

GENERAL COMMENTS ABOUT SITE: NOT REPORTED

HAZARD / CLEANUP RANKING (RANGE OF VALUES 0 - 90): 45

### REMEDIAL ACTION INFORMATION

NO DATA REPORTED

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[Back to Report Summary](#)

## Waste Pits (WP)

**MAP ID# 10**

Distance from Property: 0.45 mi. S

### SITE INFORMATION

ID#: 03\_d\_23460

OPERATOR: BCP BORDEN PRODUCTION

LAND OWNER: BORDEN CHEMICALS AND PLASTICS

PARISH: ASCENSION

OIL FIELD NAME: DARROW

PIT TYPE: DOCK

PIT DESCRIPTION: NOT REPORTED

COMMENTS: NOT REPORTED

INSPECTION DATE: 09/05/1997 INSPECTION TIME: 8:20

STATUS: ACTIVE

IS PIT PROPERLY MARKED WITH AN ID SIGN OR PLAQUE?: YES

IS THERE A SITE PLAN FOR THE FACILITY?: YES

IS THE AREAS AFFECTED BY SPILLS MAPPED ON THE SITE PLAN?: NO

HAVE THE ENVIRONMENTALLY SENSITIVE AREAS (E.G. WETLAND) NEAR THE FACILITY BEEN MAPPED?: NO

NUMBER OF PHOTOS TAKEN OF FACILITY/SITE: 3

GENERAL DESCRIPTION OF CONTAINMENT: NONE

DEPTH OF FLUID NECESSARY TO OVERFLOW COTAINMENT: NONE

CONDITION OF CONTAINMENT: ADEQUATE

CONTAINMENT BREACHED?: NO

GENERAL COMMENTS ABOUT SITE: NOT REPORTED

HAZARD / CLEANUP RANKING (RANGE OF VALUES 0 - 90): 45

### REMEDIAL ACTION INFORMATION

NO DATA REPORTED

[Back to Report Summary](#)

## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

**MAP ID# 11**

Distance from Property: 0.87 mi. SE

### FACILITY INFORMATION

EPA ID#: LAD008213191

NAME: RUBICON LLC

ADDRESS: 9156 HIGHWAY 75  
GEISMAR, LA 70734

CONTACT NAME: MICHELLE B EAGLIN

CONTACT ADDRESS: P. O. BOX 517  
GEISMAR, LA 70734

CONTACT PHONE: 2252425590

NON-NOTIFIER: NOT A NON-NOTIFIER

DATE RECEIVED BY AGENCY: 02/28/2013

OWNER TYPE: PRIVATE

OWNER NAME: RUBICON LLC

OPERATOR TYPE: PRIVATE

OPERATOR NAME: RUBICON LLC

### CERTIFICATION

CERTIFICATION NAME:	CERTIFICATION TITLE:	CERTIFICATION SIGNED DATE:
MARK K DEARMAN	GENERAL MANAGER	20100301
MARK K DEARMAN	GENERAL MANAGER	20120229
TOBY GERHOLD	VP & GM	20021204
TOBY C GERHOLD	VP & GM	20040301
TOBY C GERHOLD	VP & GM	20040301
TOBY C GERHOLD	VP & GM	20050228
ERIC C PHILLIPS	VP & GM	20060302
ERIC C PHILLIPS	VP & GM	20070228
ERIC C PHILLIPS	VP & GM	20080303
MARK K DEARMAN	V.P. & GEN. MGR	20091023
MARK K DEARMAN	GENERAL MANAGER	20110228
MARK K DEARMAN	GENERAL MANAGER	20120229
SCOTT W KUMLER	GENERAL MANAGER	20130228
LARRY.C WALTER	NOT REPORTED	NOT REPORTED
LARRY C WALTERS	ENV. ENG. SUP.	19920227
YVES A PORET	ENVIR ENG	19940224
TOBY C GERHOLD	TECH MANAGER	19960228
TOBY M GERHOLD	TECHNICAL MNGR	19980227
JOHN E DELANEY	V. PRES&GEN.MAN	20000301
CLYDE R STEVENS	COMPLEX PRD MGR	20020301
TOBY C GERHOLD	V.P. & GEN. MGR	20040301
TOBY C GERHOLD	V. P. & GEN MGR	20060224
C. ERIC PHILLIPS	V.P. & GEN. MGR	20080303

### INDUSTRY CLASSIFICATION (NAICS)

32511 - PETROCHEMICAL MANUFACTURING

32519 - OTHER BASIC ORGANIC CHEMICAL MANUFACTURING

325192 - CYCLIC CRUDE AND INTERMEDIATE MANUFACTURING

325199 - ALL OTHER BASIC ORGANIC CHEMICAL MANUFACTURING

325211 - PLASTICS MATERIAL AND RESIN MANUFACTURING

SITE HISTORY (INCLUDES GENERATORS AND NON-GENERATORS)

## ***Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)***

DATE RECEIVED BY AGENCY: 11/19/1980  
NAME: RUBICON INC  
GENERATOR CLASSIFICATION: NOT A GENERATOR  
DATE RECEIVED BY AGENCY: 04/05/2010  
NAME: RUBICON LLC  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR  
DATE RECEIVED BY AGENCY: 08/01/2012  
NAME: RUBICON LLC  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR  
DATE RECEIVED BY AGENCY: 07/22/1980  
NAME: RUBICON INC  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR  
DATE RECEIVED BY AGENCY: 12/11/2002  
NAME: RUBICON INC  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR  
DATE RECEIVED BY AGENCY: 03/01/2004  
NAME: RUBICON LLC  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR  
DATE RECEIVED BY AGENCY: 03/01/2004  
NAME: RUBICON LLC  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR  
DATE RECEIVED BY AGENCY: 02/28/2005  
NAME: RUBICON LLC  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR  
DATE RECEIVED BY AGENCY: 03/02/2006  
NAME: RUBICON LLC  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR  
DATE RECEIVED BY AGENCY: 02/28/2007  
NAME: RUBICON LLC  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR  
DATE RECEIVED BY AGENCY: 03/03/2008  
NAME: RUBICON LLC  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR  
DATE RECEIVED BY AGENCY: 10/23/2009  
NAME: RUBICON LLC  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR  
DATE RECEIVED BY AGENCY: 02/28/2011  
NAME: RUBICON LLC  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR  
DATE RECEIVED BY AGENCY: 02/29/2012  
NAME: RUBICON LLC  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR  
DATE RECEIVED BY AGENCY: 02/28/2013  
NAME: RUBICON LLC  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

## **Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)**

DATE RECEIVED BY AGENCY: 03/01/1990  
NAME: RUBICON INC  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR  
DATE RECEIVED BY AGENCY: 02/27/1992  
NAME: RUBICON  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR  
DATE RECEIVED BY AGENCY: 02/24/1994  
NAME: RUBICON INC  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR  
DATE RECEIVED BY AGENCY: 02/28/1996  
NAME: RUBICON INC  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR  
DATE RECEIVED BY AGENCY: 02/27/1998  
NAME: RUBICON INC  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR  
DATE RECEIVED BY AGENCY: 03/01/2000  
NAME: RUBICON INC.  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR  
DATE RECEIVED BY AGENCY: 03/01/2002  
NAME: RUBICON INC.  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR  
DATE RECEIVED BY AGENCY: 03/01/2004  
NAME: RUBICON LLC  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR  
DATE RECEIVED BY AGENCY: 02/24/2006  
NAME: RUBICON LLC  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR  
DATE RECEIVED BY AGENCY: 03/03/2008  
NAME: RUBICON LLC  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

### ACTIVITY INFORMATION

GENERATOR STATUS: **LARGE QUANTITY GENERATOR**  
SUBJECT TO CORRECTIVE ACTION UNIVERSE: **YES**  
TDSFs POTENTIALLY SUBJECT TO CORRECTIVE ACTION UNDER 3004 (u)/(v) UNIVERSE: **YES**  
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: **YES**  
IMPORTER: **NO** UNDERGROUND INJECTION: **YES**  
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**



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## **Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)**

### COMPLIANCE, MONITORING AND ENFORCEMENT INFORMATION

#### EVALUATIONS

1987/02/10	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1988/01/28	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1988/03/28	NRR NON-FINANCIAL RECORD REVIEW
1988/04/06	CSE COMPLIANCE SCHEDULE EVALUATION
1988/06/01	NRR NON-FINANCIAL RECORD REVIEW
1988/11/16	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1989/08/03	CSE COMPLIANCE SCHEDULE EVALUATION
1990/01/23	GME GROUNDWATER MONITORING EVALUATION
1990/07/16	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1990/07/20	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1991/02/13	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1992/01/31	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1993/03/03	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1993/04/28	GME GROUNDWATER MONITORING EVALUATION
1993/06/08	FCI FOCUSED COMPLIANCE INSPECTION
1993/07/14	FCI FOCUSED COMPLIANCE INSPECTION
1993/10/01	CSE COMPLIANCE SCHEDULE EVALUATION
1993/12/08	CSE COMPLIANCE SCHEDULE EVALUATION
1994/01/31	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1994/05/02	FCI FOCUSED COMPLIANCE INSPECTION
1994/05/09	FCI FOCUSED COMPLIANCE INSPECTION
1994/06/01	FCI FOCUSED COMPLIANCE INSPECTION
1994/06/09	FCI FOCUSED COMPLIANCE INSPECTION
1994/12/12	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1994/12/15	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1996/04/18	CAC CORRECTIVE ACTION COMPLIANCE EVALUATION
1996/04/18	GME GROUNDWATER MONITORING EVALUATION
1996/06/12	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1996/06/25	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1996/10/01	FCI FOCUSED COMPLIANCE INSPECTION
1997/02/20	FCI FOCUSED COMPLIANCE INSPECTION
1997/09/29	FCI FOCUSED COMPLIANCE INSPECTION
1997/10/22	FCI FOCUSED COMPLIANCE INSPECTION
1997/10/24	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1997/10/24	CSE COMPLIANCE SCHEDULE EVALUATION
1998/10/30	OAM OPERATION AND MAINTENANCE INSPECTION
1998/12/14	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2000/02/18	FCI FOCUSED COMPLIANCE INSPECTION
2000/03/23	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2000/03/23	FCI FOCUSED COMPLIANCE INSPECTION
2001/01/24	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2001/04/12	FCI FOCUSED COMPLIANCE INSPECTION
2001/10/10	FCI FOCUSED COMPLIANCE INSPECTION
2001/10/11	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE

## **Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)**

2001/11/29	GME GROUNDWATER MONITORING EVALUATION
2002/11/23	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2002/11/26	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2003/11/24	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2004/12/22	OAM OPERATION AND MAINTENANCE INSPECTION
2005/12/13	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2008/06/12	GME GROUNDWATER MONITORING EVALUATION
2009/02/09	FCI FOCUSED COMPLIANCE INSPECTION
2009/06/17	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2009/06/17	FCI FOCUSED COMPLIANCE INSPECTION
2010/08/24	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2011/02/01	OAM OPERATION AND MAINTENANCE INSPECTION
2011/04/13	FCI FOCUSED COMPLIANCE INSPECTION
2011/12/27	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2011/12/27	SNY SIGNIFICANT NON-COMPLIER

### VIOLATIONS

1987/02/10	264.A TSD - GENERAL
1988/01/28	264.A TSD - GENERAL
1988/03/28	264.A TSD - GENERAL
1988/06/01	264.G TSD - CLOSURE/POST-CLOSURE
1988/11/16	264.A TSD - GENERAL
1990/01/23	265.F TSD IS-GROUND-WATER MONITORING
1990/07/20	262.C GENERATORS - PRE-TRANSPORT
1990/07/20	264.A TSD - GENERAL
1990/07/20	264.B TSD - GENERAL FACILITY STANDARDS
1990/07/20	264.C TSD - PREPAREDNESS AND PREVENTION
1990/07/20	264.E TSD - MANIFEST/RECORDS/REPORTING
1990/07/20	264.G TSD - CLOSURE/POST-CLOSURE
1990/07/20	264.I TSD - CONTAINER USE AND MANAGEMENT
1990/07/20	264.J TSD - TANK SYSTEM STANDARDS
1990/07/20	265.F TSD IS-GROUND-WATER MONITORING
1990/07/20	268.A LDR - GENERAL
1990/08/30	264.A TSD - GENERAL
1990/08/30	268.A LDR - GENERAL
1991/02/20	262.A GENERATORS - GENERAL
1991/02/20	262.B GENERATORS - MANIFEST
1992/02/27	262.A GENERATORS - GENERAL
1992/02/27	264.I TSD - CONTAINER USE AND MANAGEMENT
1992/02/27	264.J TSD - TANK SYSTEM STANDARDS
1992/02/27	268.A LDR - GENERAL
1993/03/03	262.A GENERATORS - GENERAL
1993/03/03	262.C GENERATORS - PRE-TRANSPORT
1993/03/04	264.D TSD - CONTINGENCY PLAN AND EMERGENCY PROCEDURES
1993/03/04	268.A LDR - GENERAL
1993/06/08	262.A GENERATORS - GENERAL

## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

1994/01/31	262.C GENERATORS - PRE-TRANSPORT
1994/02/18	262.B GENERATORS - MANIFEST
1994/02/18	262.C GENERATORS - PRE-TRANSPORT
1994/03/15	262.B GENERATORS - MANIFEST
1994/03/15	262.D GENERATORS - RECORDS/REPORTING
2003/11/24	262.A GENERATORS - GENERAL
2005/12/13	262.C GENERATORS - PRE-TRANSPORT
2005/12/13	265.B TSD IS-GENERAL FACILITY STANDARDS
2005/12/13	266.H SPECIFIC - BOILERS AND INDUSTRIAL FURNACES
2010/08/24	262.C GENERATORS - PRE-TRANSPORT
2010/08/24	264.J TSD - TANK SYSTEM STANDARDS
2011/12/27	262.C GENERATORS - PRE-TRANSPORT
2011/12/27	264.I TSD - CONTAINER USE AND MANAGEMENT
2011/12/27	273.B UNIVERSAL WASTE - SMALL QUANTITY HANDLERS
2011/12/27	279.C USED OIL - GENERATORS

### ENFORCEMENTS

1987/04/28	310 FINAL 3008(A) COMPLIANCE ORDER
1987/11/19	310 FINAL 3008(A) COMPLIANCE ORDER
1988/03/11	310 FINAL 3008(A) COMPLIANCE ORDER
1988/06/03	120 WRITTEN INFORMAL
1988/11/23	120 WRITTEN INFORMAL
1989/03/22	310 FINAL 3008(A) COMPLIANCE ORDER
1990/11/27	210 INITIAL 3008(A) COMPLIANCE
1991/08/29	310 FINAL 3008(A) COMPLIANCE ORDER
1991/09/23	127 FACILITY APPEALED
1991/10/16	210 INITIAL 3008(A) COMPLIANCE
1992/06/10	310 FINAL 3008(A) COMPLIANCE ORDER
1993/05/18	310 FINAL 3008(A) COMPLIANCE ORDER
1993/07/26	310 FINAL 3008(A) COMPLIANCE ORDER
1994/03/23	310 FINAL 3008(A) COMPLIANCE ORDER
1994/09/21	310 FINAL 3008(A) COMPLIANCE ORDER
1995/04/21	310 FINAL 3008(A) COMPLIANCE ORDER
2004/03/12	120 WRITTEN INFORMAL
2006/10/06	310 FINAL 3008(A) COMPLIANCE ORDER
2011/03/04	120 WRITTEN INFORMAL
2012/08/21	310 FINAL 3008(A) COMPLIANCE ORDER

### HAZARDOUS WASTE

D001	IGNITABLE WASTE
D002	CORROSIVE WASTE
D004	ARSENIC
D006	CADMIUM
D007	CHROMIUM
D008	LEAD
D009	MERCURY



## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

D011	SILVER
D018	BENZENE
D019	CARBON TETRACHLORIDE
D021	CHLOROBENZENE
D022	CHLOROFORM
D023	O-CRESOL
D027	1,4-DICHLOROBENZENE
D030	2,4-DINITROTOLUENE
D035	METHYL ETHYL KETONE
D036	NITROBENZENE
D039	TETRACHLOROETHYLENE
D040	TRICHLORETHYLENE
F002	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
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.
K027	CENTRIFUGE AND DISTILLATION RESIDUES FROM TOLUENE DIISOCYANATE PRODUCTION.
K083	DISTILLATION BOTTOMS FROM ANILINE PRODUCTION.
K104	COMBINED WASTEWATERS GENERATED FROM NITROBENZENE/ANILINE PRODUCTION.
K111	PRODUCT WASHWATERS FROM THE PRODUCTION OF DINITROTOLUENE VIA NITRATION OF TOLUENE.
K112	REACTION BY-PRODUCT WATER FROM THE DRYING COLUMN IN THE PRODUCTION OF TOLUENEDIAMINE VIA HYDROGENATION OF DINITROTOLUENE.
K114	VICINALS FROM THE PURIFICATION OF TOLUENEDIAMINE IN PRODUCTION OF TOLUENEDIAMINE VIA HYDROGENATION OF DINITROTOLUENE.
K115	HEAVY ENDS FROM PURIFICATION OF TOLUENEDIAMINE IN THE PRODUCTION OF TOLUENEDIAMINE VIA HYDROGENATION OF DINITROTOLUENE.
P012	ARSENIC OXIDE AS <sub>2</sub> O <sub>3</sub>
P012	ARSENIC TRIOXIDE
U012	ANILINE (I,T)
U012	BENZENAMINE (I,T)
U019	BENZENE (I,T)
U037	BENZENE, CHLORO-
U037	CHLOROBENZENE
U070	BENZENE, 1,2-DICHLORO-
U070	O-DICHLOROBENZENE
U080	METHANE, DICHLORO-

## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

U080	METHYLENE CHLORIDE
U102	1,2-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER
U102	DIMETHYL PHTHALATE
U115	ETHYLENE OXIDE (I,T)
U115	OXIRANE (I,T)
U122	FORMALDEHYDE
U151	MERCURY
U169	BENZENE, NITRO-
U169	NITROBENZENE (I,T)
U188	PHENOL
U220	BENZENE, METHYL-
U220	TOLUENE
U221	BENZENEDIAMINE, AR-METHYL-
U221	TOLUENEDIAMINE
U223	BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T)
U223	TOLUENE DIISOCYANATE (R,T)
D001	IGNITABLE WASTE
D002	CORROSIVE WASTE
D003	REACTIVE WASTE
D004	ARSENIC
D005	BARIUM
D006	CADMIUM
D007	CHROMIUM
D008	LEAD
D009	MERCURY
D010	SELENIUM
D011	SILVER
D018	BENZENE
D019	CARBON TETRACHLORIDE
D021	CHLOROBENZENE
D022	CHLOROFORM
D023	O-CRESOL
D024	M-CRESOL
D025	P-CRESOL
D026	CRESOL
D027	1,4-DICHLOROBENZENE
D028	1,2-DICHLOROETHANE
D029	1,1-DICHLOROETHYLENE
D030	2,4-DINITROTOLUENE
D032	HEXACHLOROBENZENE
D033	HEXACHLOROBUTADIENE
D034	HEXACHLOROETHANE
D035	METHYL ETHYL KETONE
D036	NITROBENZENE
D037	PENTACHLOROPHENOL

## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

D038	PYRIDINE
D039	TETRACHLOROETHYLENE
D040	TRICHLOROETHYLENE
D041	2,4,5-TRICHLOROPHENOL
D042	2,4,6-TRICHLOROPHENOL
D043	VINYL CHLORIDE
F001	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F002	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
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.
F004	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; 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, 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.
F027	DISCARDED UNUSED FORMULATIONS CONTAINING TRI-, TETRA-, OR PENTACHLOROPHENOL OR DISCARDED UNUSED FORMULATIONS CONTAINING COMPOUNDS DERIVED FROM THESE CHLOROPHENOLS. (THIS LISTING DOES NOT INCLUDE FORMULATIONS CONTAINING HEXACHLOROPHENE SYNTHESIZED FROM PREPURIFIED 2,4,5-TRICHLOROPHENOL AS THE SOLE COMPONENT.)
F039	LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)
K025	DISTILLATION BOTTOMS FROM THE PRODUCTION OF NITROBENZENE BY THE NITRATION OF BENZENE.
K027	CENTRIFUGE AND DISTILLATION RESIDUES FROM TOLUENE DIISOCYANATE PRODUCTION.
K083	DISTILLATION BOTTOMS FROM ANILINE PRODUCTION.
K103	PROCESS RESIDUES FROM ANILINE EXTRACTION FROM THE PRODUCTION OF ANILINE.
K104	COMBINED WASTEWATERS GENERATED FROM NITROBENZENE/ANILINE PRODUCTION.
K111	PRODUCT WASHWATERS FROM THE PRODUCTION OF DINITROTOLUENE VIA NITRATION OF TOLUENE.
K112	REACTION BY-PRODUCT WATER FROM THE DRYING COLUMN IN THE PRODUCTION OF TOLUENEDIAMINE VIA HYDROGENATION OF DINITROTOLUENE.
K113	CONDENSED LIQUID LIGHT ENDS FROM PURIFICATION OF TOLUENEDIAMINE IN PRODUCTION OF TOLUENEDIAMINE VIA HYDROGENATION OF DINITROTOLUENE.

## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

K114	VICINALS FROM THE PURIFICATION OF TOLUENEDIAMINE IN PRODUCTION OF TOLUENEDIAMINE VIA HYDROGENATION OF DINITROTOLUENE.
K115	HEAVY ENDS FROM PURIFICATION OF TOLUENEDIAMINE IN THE PRODUCTION OF TOLUENEDIAMINE VIA HYDROGENATION OF DINITROTOLUENE.
K116	ORGANIC CONDENSATE FROM THE SOLVENT RECOVERY COLUMN IN THE PRODUCTION OF TOLUENE DIISOCYANATE VIA PHOSGENATION OF TOLUENEDIAMINE.
LABP	
P003	ACROLEIN
P008	4-AMINOPYRIDINE
P008	4-PYRIDINAMINE
P012	ARSENIC OXIDE AS <sub>2</sub> O <sub>3</sub>
P012	ARSENIC TRIOXIDE
P022	CARBON DISULFIDE
P024	BENZENAMINE, 4-CHLORO-
P024	P-CHLORANILINE
P028	BENZENE, (CHLOROMETHYL)-
P028	BENZYL CHLORIDE
P047	4,6-DINITRO-O-CRESOL, & SALTS
P047	PHENOL, 2-METHYL-4,6-DINITRO-, & SALTS
P048	2,4-DINITROPHENOL
P048	PHENOL, 2,4-DINITRO-
P077	BENZENAMINE, 4-NITRO-
P077	P-NITROANILINE
P082	METHANIMINE, N-METHYL-N-NITROSO-
P082	N-NITROSODIMETHYLAMINE
P095	CARBONIC DICHLORIDE
P095	PHOSGENE
P096	HYDROGEN PHOSPHIDE
P096	PHOSPHINE
P105	SODIUM AZIDE
P106	SODIUM CYANIDE
P106	SODIUM CYANIDE NA(CN)
P120	VANADIUM OXIDE V <sub>2</sub> O <sub>5</sub>
P120	VANADIUM PENTOXIDE
U001	ACETALDEHYDE (I)
U001	ETHANAL (I)
U002	2-PROPANONE (I)
U002	ACETONE (I)
U003	ACETONITRILE (I,T)
U004	ACETOPHENONE
U004	ETHANONE, 1-PHENYL-
U006	ACETYL CHLORIDE (C,R,T)
U008	2-PROPENOIC ACID (I)
U008	ACRYLIC ACID (I)
U009	2-PROPENENITRILE
U009	ACRYLONITRILE

## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

U012	ANILINE (I,T)
U012	BENZENAMINE (I,T)
U017	BENZAL CHLORIDE
U017	BENZENE, (DICHLOROMETHYL)-
U018	BENZ[A]ANTHRACENE
U019	BENZENE (I,T)
U021	[1,1'-BIPHENYL]-4,4'-DIAMINE
U021	BENZIDINE
U022	BENZO[A]PYRENE
U024	DICHLOROMETHOXY ETHANE
U024	ETHANE, 1,1'-[METHYLENEBIS(OXY)]BIS[2-CHLORO-
U025	DICHLOROETHYL ETHER
U025	ETHANE, 1,1'-OXYBIS[2-CHLORO-
U027	DICHLOROISOPROPYL ETHER
U027	PROPANE, 2,2'-OXYBIS[2-CHLORO-
U028	1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER
U028	DIETHYLHEXYL PHTHALATE
U030	4-BROMOPHENYL PHENYL ETHER
U030	BENZENE, 1-BROMO-4-PHENOXY-
U031	1-BUTANOL (I)
U031	N-BUTYL ALCOHOL (I)
U037	BENZENE, CHLORO-
U037	CHLOROBENZENE
U039	P-CHLORO-M-CRESOL
U039	PHENOL, 4-CHLORO-3-METHYL-
U044	CHLOROFORM
U044	METHANE, TRICHLORO-
U047	BETA-CHLORONAPHTHALENE
U047	NAPHTHALENE, 2-CHLORO-
U048	O-CHLOROPHENOL
U048	PHENOL, 2-CHLORO-
U050	CHRYSENE
U051	CREOSOTE
U052	CRESOL (CRESYLIC ACID)
U052	PHENOL, METHYL-
U053	2-BUTENAL
U053	CROTONALDEHYDE
U055	BENZENE, (1-METHYLETHYL)- (I)
U055	CUMENE (I)
U056	BENZENE, HEXAHYDRO- (I)
U056	CYCLOHEXANE (I)
U057	CYCLOHEXANONE (I)
U063	DIBENZ[A,H]ANTHRACENE
U069	1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER
U069	DIBUTYL PHTHALATE

## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

U070	BENZENE, 1,2-DICHLORO-
U070	O-DICHLOROBENZENE
U071	BENZENE, 1,3-DICHLORO-
U071	M-DICHLOROBENZENE
U072	BENZENE, 1,4-DICHLORO-
U072	P-DICHLOROBENZENE
U073	[1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DICHLORO-
U073	3,3'-DICHLOROBENZIDINE
U075	DICHLORODIFLUOROMETHANE
U075	METHANE, DICHLORODIFLUORO-
U076	ETHANE, 1,1-DICHLORO-
U076	ETHYLIDENE DICHLORIDE
U077	ETHANE, 1,2-DICHLORO-
U077	ETHYLENE DICHLORIDE
U078	1,1-DICHLOROETHYLENE
U078	ETHENE, 1,1-DICHLORO-
U079	1,2-DICHLOROETHYLENE
U079	ETHENE, 1,2-DICHLORO-, (E)-
U080	METHANE, DICHLORO-
U080	METHYLENE CHLORIDE
U081	2,4-DICHLOROPHENOL
U081	PHENOL, 2,4-DICHLORO-
U082	2,6-DICHLOROPHENOL
U082	PHENOL, 2,6-DICHLORO-
U083	PROPANE, 1,2-DICHLORO-
U083	PROPYLENE DICHLORIDE
U084	1,3-DICHLOROPROPENE
U084	1-PROPENE, 1,3-DICHLORO-
U088	1,2-BENZENEDICARBOXYLIC ACID, DIETHYL ESTER
U088	DIETHYL PHTHALATE
U095	[1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DIMETHYL-
U095	3,3'-DIMETHYLBENZIDINE
U096	ALPHA, ALPHA-DIMETHYLBENZYLHYDROPEROXIDE (R)
U096	HYDROPEROXIDE, 1-METHYL-1-PHENYLETHYL-(R)
U101	2,4-DIMETHYLPHENOL
U101	PHENOL, 2,4-DIMETHYL-
U102	1,2-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER
U102	DIMETHYL PHTHALATE
U105	2,4-DINITROTOLUENE
U105	BENZENE, 1-METHYL-2,4-DINITRO-
U106	2,6-DINITROTOLUENE
U106	BENZENE, 2-METHYL-1,3-DINITRO-
U107	1,2-BENZENEDICARBOXYLIC ACID, DIOCTYL ESTER
U107	DI-N-OCTYL PHTHALATE
U108	1,4-DIETHYLENEOXIDE

## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

U108	1,4-DIOXANE
U109	1,2-DIPHENYLHYDRAZINE
U109	HYDRAZINE, 1,2-DIPHENYL-
U111	1-PROPANAMINE, N-NITROSO-N-PROPYL-
U111	DI-N-PROPYLNITROSAMINE
U112	ACETIC ACID, ETHYL ESTER (I)
U112	ETHYL ACETATE (I)
U115	ETHYLENE OXIDE (I,T)
U115	OXIRANE (I,T)
U117	ETHANE, 1,1'-OXYBIS-(I)
U117	ETHYL ETHER (I)
U120	FLUORANTHENE
U121	METHANE, TRICHLOROFLUORO-
U121	TRICHLOROMONOFUOROMETHANE
U122	FORMALDEHYDE
U123	FORMIC ACID (C,T)
U124	FURAN (I)
U124	FURFURAN (I)
U127	BENZENE, HEXACHLORO-
U127	HEXACHLOROBENZENE
U128	1,3-BUTADIENE, 1,1,2,3,4,4-HEXACHLORO-
U128	HEXACHLOROBUTADIENE
U130	1,3-CYCLOPENTADIENE, 1,2,3,4,5,5-HEXACHLORO-
U130	HEXACHLOROCYCLOPENTADIENE
U131	ETHANE, HEXACHLORO-
U131	HEXACHLOROETHANE
U133	HYDRAZINE (R,T)
U137	INDENO[1,2,3-CD]PYRENE
U140	1-PROPANOL, 2-METHYL- (I,T)
U140	ISOBUTYL ALCOHOL (I,T)
U144	ACETIC ACID, LEAD(2+) SALT
U144	LEAD ACETATE
U147	2,5-FURANDIONE
U147	MALEIC ANHYDRIDE
U151	MERCURY
U154	METHANOL (I)
U154	METHYL ALCOHOL (I)
U159	2-BUTANONE (I,T)
U159	METHYL ETHYL KETONE (MEK) (I,T)
U161	4-METHYL-2-PENTANONE (I)
U161	METHYL ISOBUTYL KETONE (I)
U161	PENTANOL, 4-METHYL-
U165	NAPHTHALENE
U169	BENZENE, NITRO-
U169	NITROBENZENE (I,T)

## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

U170	P-NITROPHENOL (I,T)
U170	PHENOL, 4-NITRO-
U171	2-NITROPROPANE (I,T)
U171	PROPANE, 2-NITRO- (I,T)
U181	5-NITRO-O-TOLUIDINE
U181	BENZENAMINE, 2-METHYL-5-NITRO
U188	PHENOL
U190	1,3-ISOBENZOFURANDIONE
U190	PHTHALIC ANHYDRIDE
U191	2-PICOLINE
U191	PYRIDINE, 2-METHYL-
U196	PYRIDINE
U197	2,5-CYCLOHEXADIENE-1,4-DIONE
U197	P-BENZOQUINONE
U209	1,1,2,2-TETRACHLOROETHANE
U209	ETHANE, 1,1,2,2-TETRACHLORO-
U210	ETHENE, TETRACHLORO-
U211	CARBON TETRACHLORIDE
U211	METHANE, TETRACHLORO-
U213	FURAN, TETRAHYDRO-(I)
U213	TETRAHYDROFURAN (I)
U218	ETHANETHIOAMIDE
U218	THIOACETAMIDE
U220	BENZENE, METHYL-
U220	TOLUENE
U221	BENZENEDIAMINE, AR-METHYL-
U221	TOLUENEDIAMINE
U223	BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T)
U223	TOLUENE DIISOCYANATE (R,T)
U225	BROMOFORM
U225	METHANE, TRIBROMO-
U226	ETHANE, 1,1,1-TRICHLORO-
U226	METHYL CHLOROFORM
U227	1,1,2-TRICHLOROETHANE
U227	ETHANE, 1,1,2-TRICHLORO-
U228	ETHENE, TRICHLORO-
U228	TRICHLOROETHYLENE
U235	1-PROPANOL, 2,3-DIBROMO-, PHOSPHATE (3:1)
U235	TRIS(2,3,-DIBROMOPROPYL) PHOSPHATE
U239	BENZENE, DIMETHYL- (I,T)
U239	XYLENE (I)
U240	2,4-D, SALTS & ESTERS
U240	ACETIC ACID, (2,4-DICHLOROPHENOXY)-, SALTS & ESTERS
U328	BENZENAMINE, 2-METHYL-
U328	O-TOLUIDINE



## ***Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)***

U353	BENZENAMINE, 4-METHYL-
U353	P-TOLUIDINE
U359	ETHANOL, 2-ETHOXY-
U359	ETHYLENE GLYCOL MONOETHYL ETHER
U404	ETHANAMINE, N,N-DIETHYL-
U404	TRIETHYLAMINE
D001	IGNITABLE WASTE
D002	CORROSIVE WASTE
D003	REACTIVE WASTE
D004	ARSENIC
D005	BARIUM
D006	CADMIUM
D007	CHROMIUM
D008	LEAD
D009	MERCURY
D010	SELENIUM
D011	SILVER
D018	BENZENE
D019	CARBON TETRACHLORIDE
D020	CHLORDANE
D021	CHLOROBENZENE
D022	CHLOROFORM
D023	O-CRESOL
D024	M-CRESOL
D025	P-CRESOL
D026	CRESOL
D027	1,4-DICHLOROBENZENE
D028	1,2-DICHLOROETHANE
D029	1,1-DICHLOROETHYLENE
D030	2,4-DINITROTOLUENE
D032	HEXACHLOROBENZENE
D033	HEXACHLOROBUTADIENE
D034	HEXACHLOROETHANE
D035	METHYL ETHYL KETONE
D036	NITROBENZENE
D037	PENTACHLOROPHENOL
D038	PYRIDINE
D039	TETRACHLOROETHYLENE
D040	TRICHLOROETHYLENE
D041	2,4,5-TRICHLOROPHENOL
D042	2,4,6-TRICHLOROPHENOL
D043	VINYL CHLORIDE

## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

- F001** THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- F002** THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- 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.
- F004** THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; 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, 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.
- F027** DISCARDED UNUSED FORMULATIONS CONTAINING TRI-, TETRA-, OR PENTACHLOROPHENOL OR DISCARDED UNUSED FORMULATIONS CONTAINING COMPOUNDS DERIVED FROM THESE CHLOROPHENOLS. (THIS LISTING DOES NOT INCLUDE FORMULATIONS CONTAINING HEXACHLOROPHENE SYNTHESIZED FROM PREPURIFIED 2,4,5-TRICHLOROPHENOL AS THE SOLE COMPONENT.)
- F039** LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)
- K025** DISTILLATION BOTTOMS FROM THE PRODUCTION OF NITROBENZENE BY THE NITRATION OF BENZENE.
- K027** CENTRIFUGE AND DISTILLATION RESIDUES FROM TOLUENE DIISOCYANATE PRODUCTION.
- K083** DISTILLATION BOTTOMS FROM ANILINE PRODUCTION.
- K103** PROCESS RESIDUES FROM ANILINE EXTRACTION FROM THE PRODUCTION OF ANILINE.
- K104** COMBINED WASTEWATERS GENERATED FROM NITROBENZENE/ANILINE PRODUCTION.
- K111** PRODUCT WASHWATERS FROM THE PRODUCTION OF DINITROTOLUENE VIA NITRATION OF TOLUENE.
- K112** REACTION BY-PRODUCT WATER FROM THE DRYING COLUMN IN THE PRODUCTION OF TOLUENEDIAMINE VIA HYDROGENATION OF DINITROTOLUENE.
- K113** CONDENSED LIQUID LIGHT ENDS FROM PURIFICATION OF TOLUENEDIAMINE IN PRODUCTION OF TOLUENEDIAMINE VIA HYDROGENATION OF DINITROTOLUENE.
- K114** VICINALS FROM THE PURIFICATION OF TOLUENEDIAMINE IN PRODUCTION OF TOLUENEDIAMINE VIA HYDROGENATION OF DINITROTOLUENE.
- K115** HEAVY ENDS FROM PURIFICATION OF TOLUENEDIAMINE IN THE PRODUCTION OF TOLUENEDIAMINE VIA HYDROGENATION OF DINITROTOLUENE.
- K116** ORGANIC CONDENSATE FROM THE SOLVENT RECOVERY COLUMN IN THE PRODUCTION OF TOLUENE DIISOCYANATE VIA PHOSGENATION OF TOLUENEDIAMINE.
- LABP**

## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

P003	ACROLEIN
P008	4-AMINOPYRIDINE
P008	4-PYRIDINAMINE
P012	ARSENIC OXIDE AS <sub>2</sub> O <sub>3</sub>
P012	ARSENIC TRIOXIDE
P014	BENZENETHIOL
P014	THIOPHENOL
P018	BRUCINE
P018	STRYCHNIDIN-10-ONE, 2,3-DIMETHOXY-
P022	CARBON DISULFIDE
P024	BENZENAMINE, 4-CHLORO-
P024	P-CHLORANILINE
P028	BENZENE, (CHLOROMETHYL)-
P028	BENZYL CHLORIDE
P030	CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED
P047	4,6-DINITRO-O-CRESOL, & SALTS
P047	PHENOL, 2-METHYL-4,6-DINITRO-, & SALTS
P048	2,4-DINITROPHENOL
P048	PHENOL, 2,4-DINITRO-
P077	BENZENAMINE, 4-NITRO-
P077	P-NITROANILINE
P082	METHANIMINE, N-METHYL-N-NITROSO-
P082	N-NITROSODIMETHYLAMINE
P095	CARBONIC DICHLORIDE
P095	PHOSGENE
P096	HYDROGEN PHOSPHIDE
P096	PHOSPHINE
P105	SODIUM AZIDE
P106	SODIUM CYANIDE
P106	SODIUM CYANIDE NA(CN)
P120	VANADIUM OXIDE V <sub>2</sub> O <sub>5</sub>
P120	VANADIUM PENTOXIDE
U001	ACETALDEHYDE (I)
U001	ETHANAL (I)
U002	2-PROPANONE (I)
U002	ACETONE (I)
U003	ACETONITRILE (I,T)
U004	ACETOPHENONE
U004	ETHANONE, 1-PHENYL-
U006	ACETYL CHLORIDE (C,R,T)
U008	2-PROPENOIC ACID (I)
U008	ACRYLIC ACID (I)
U009	2-PROPENENITRILE
U009	ACRYLONITRILE
U012	ANILINE (I,T)

## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

U012	BENZENAMINE (I,T)
U017	BENZAL CHLORIDE
U017	BENZENE, (DICHLOROMETHYL)-
U018	BENZ[A]ANTHRACENE
U019	BENZENE (I,T)
U021	[1,1'-BIPHENYL]-4,4'-DIAMINE
U021	BENZIDINE
U022	BENZO[A]PYRENE
U024	DICHLOROMETHOXY ETHANE
U024	ETHANE, 1,1'-[METHYLENEBIS(OXY)]BIS[2-CHLORO-
U025	DICHLOROETHYL ETHER
U025	ETHANE, 1,1'-OXYBIS[2-CHLORO-
U027	DICHLOROISOPROPYL ETHER
U027	PROPANE, 2,2'-OXYBIS[2-CHLORO-
U028	1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER
U028	DIETHYLHEXYL PHTHALATE
U030	4-BROMOPHENYL PHENYL ETHER
U030	BENZENE, 1-BROMO-4-PHENOXY-
U031	1-BUTANOL (I)
U031	N-BUTYL ALCOHOL (I)
U037	BENZENE, CHLORO-
U037	CHLOROBENZENE
U039	P-CHLORO-M-CRESOL
U039	PHENOL, 4-CHLORO-3-METHYL-
U044	CHLOROFORM
U044	METHANE, TRICHLORO-
U047	BETA-CHLORONAPHTHALENE
U047	NAPHTHALENE, 2-CHLORO-
U048	O-CHLOROPHENOL
U048	PHENOL, 2-CHLORO-
U050	CHRYSENE
U051	CREOSOTE
U052	CRESOL (CRESYLIC ACID)
U052	PHENOL, METHYL-
U053	2-BUTENAL
U053	CROTONALDEHYDE
U055	BENZENE, (1-METHYLETHYL)- (I)
U055	CUMENE (I)
U056	BENZENE, HEXAHYDRO- (I)
U056	CYCLOHEXANE (I)
U057	CYCLOHEXANONE (I)
U063	DIBENZ[A,H]ANTHRACENE
U069	1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER
U069	DIBUTYL PHTHALATE
U070	BENZENE, 1,2-DICHLORO-

## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

U070	O-DICHLOROBENZENE
U071	BENZENE, 1,3-DICHLORO-
U071	M-DICHLOROBENZENE
U072	BENZENE, 1,4-DICHLORO-
U072	P-DICHLOROBENZENE
U073	[1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DICHLORO-
U073	3,3'-DICHLOROBENZIDINE
U075	DICHLORODIFLUOROMETHANE
U075	METHANE, DICHLORODIFLUORO-
U076	ETHANE, 1,1-DICHLORO-
U076	ETHYLIDENE DICHLORIDE
U077	ETHANE, 1,2-DICHLORO-
U077	ETHYLENE DICHLORIDE
U078	1,1-DICHLOROETHYLENE
U078	ETHENE, 1,1-DICHLORO-
U079	1,2-DICHLOROETHYLENE
U079	ETHENE, 1,2-DICHLORO-, (E)-
U080	METHANE, DICHLORO-
U080	METHYLENE CHLORIDE
U081	2,4-DICHLOROPHENOL
U081	PHENOL, 2,4-DICHLORO-
U082	2,6-DICHLOROPHENOL
U082	PHENOL, 2,6-DICHLORO-
U083	PROPANE, 1,2-DICHLORO-
U083	PROPYLENE DICHLORIDE
U084	1,3-DICHLOROPROPENE
U084	1-PROPENE, 1,3-DICHLORO-
U088	1,2-BENZENEDICARBOXYLIC ACID, DIETHYL ESTER
U088	DIETHYL PHTHALATE
U095	[1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DIMETHYL-
U095	3,3'-DIMETHYLBENZIDINE
U096	ALPHA,ALPHA-DIMETHYLBENZYLHYDROPEROXIDE (R)
U096	HYDROPEROXIDE, 1-METHYL-1-PHENYLETHYL-(R)
U101	2,4-DIMETHYLPHENOL
U101	PHENOL, 2,4-DIMETHYL-
U102	1,2-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER
U102	DIMETHYL PHTHALATE
U105	2,4-DINITROTOLUENE
U105	BENZENE, 1-METHYL-2,4-DINITRO-
U106	2,6-DINITROTOLUENE
U106	BENZENE, 2-METHYL-1,3-DINITRO-
U107	1,2-BENZENEDICARBOXYLIC ACID, DIOCTYL ESTER
U107	DI-N-OCTYL PHTHALATE
U108	1,4-DIETHYLENEOXIDE
U108	1,4-DIOXANE

## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

U109	1,2-DIPHENYLHYDRAZINE
U109	HYDRAZINE, 1,2-DIPHENYL-
U111	1-PROPANAMINE, N-NITROSO-N-PROPYL-
U111	DI-N-PROPYLNITROSAMINE
U112	ACETIC ACID, ETHYL ESTER (I)
U112	ETHYL ACETATE (I)
U115	ETHYLENE OXIDE (I,T)
U115	OXIRANE (I,T)
U117	ETHANE, 1,1'-OXYBIS-(I)
U117	ETHYL ETHER (I)
U120	FLUORANTHENE
U121	METHANE, TRICHLOROFLUORO-
U121	TRICHLOROMONOFUOROMETHANE
U122	FORMALDEHYDE
U123	FORMIC ACID (C,T)
U124	FURAN (I)
U124	FURFURAN (I)
U127	BENZENE, HEXACHLORO-
U127	HEXACHLOROBENZENE
U128	1,3-BUTADIENE, 1,1,2,3,4,4-HEXACHLORO-
U128	HEXACHLOROBUTADIENE
U130	1,3-CYCLOPENTADIENE, 1,2,3,4,5,5-HEXACHLORO-
U130	HEXACHLOROCYCLOPENTADIENE
U131	ETHANE, HEXACHLORO-
U131	HEXACHLOROETHANE
U133	HYDRAZINE (R,T)
U137	INDENO[1,2,3-CD]PYRENE
U140	1-PROPANOL, 2-METHYL- (I,T)
U140	ISOBUTYL ALCOHOL (I,T)
U144	ACETIC ACID, LEAD(2+) SALT
U144	LEAD ACETATE
U147	2,5-FURANDIONE
U147	MALEIC ANHYDRIDE
U151	MERCURY
U154	METHANOL (I)
U154	METHYL ALCOHOL (I)
U159	2-BUTANONE (I,T)
U159	METHYL ETHYL KETONE (MEK) (I,T)
U161	4-METHYL-2-PENTANONE (I)
U161	METHYL ISOBUTYL KETONE (I)
U161	PENTANOL, 4-METHYL-
U165	NAPHTHALENE
U169	BENZENE, NITRO-
U169	NITROBENZENE (I,T)
U170	P-NITROPHENOL (I,T)

## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

U170	PHENOL, 4-NITRO-
U171	2-NITROPROPANE (I,T)
U171	PROPANE, 2-NITRO- (I,T)
U181	5-NITRO-O-TOLUIDINE
U181	BENZENAMINE, 2-METHYL-5-NITRO
U188	PHENOL
U190	1,3-ISOBENZOFURANDIONE
U190	PHTHALIC ANHYDRIDE
U191	2-PICOLINE
U191	PYRIDINE, 2-METHYL-
U196	PYRIDINE
U197	2,5-CYCLOHEXADIENE-1,4-DIONE
U197	P-BENZOQUINONE
U209	1,1,2,2-TETRACHLOROETHANE
U209	ETHANE, 1,1,2,2-TETRACHLORO-
U210	ETHENE, TETRACHLORO-
U211	CARBON TETRACHLORIDE
U211	METHANE, TETRACHLORO-
U213	FURAN, TETRAHYDRO-(I)
U213	TETRAHYDROFURAN (I)
U218	ETHANETHIOAMIDE
U218	THIOACETAMIDE
U220	BENZENE, METHYL-
U220	TOLUENE
U221	BENZENEDIAMINE, AR-METHYL-
U221	TOLUENEDIAMINE
U223	BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T)
U223	TOLUENE DIISOCYANATE (R,T)
U225	BROMOFORM
U225	METHANE, TRIBROMO-
U226	ETHANE, 1,1,1-TRICHLORO-
U226	METHYL CHLOROFORM
U227	1,1,2-TRICHLOROETHANE
U227	ETHANE, 1,1,2-TRICHLORO-
U228	ETHENE, TRICHLORO-
U228	TRICHLOROETHYLENE
U235	1-PROPANOL, 2,3-DIBROMO-, PHOSPHATE (3:1)
U235	TRIS(2,3,-DIBROMOPROPYL) PHOSPHATE
U238	CARBAMIC ACID, ETHYL ESTER
U238	ETHYL CARBAMATE (URETHANE)
U239	BENZENE, DIMETHYL- (I,T)
U239	XYLENE (I)
U240	2,4-D, SALTS & ESTERS
U240	ACETIC ACID, (2,4-DICHLOROPHENOXY)-, SALTS & ESTERS
U328	BENZENAMINE, 2-METHYL-



## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

U328	O-TOLUIDINE
U353	BENZENAMINE, 4-METHYL-
U353	P-TOLUIDINE
U359	ETHANOL, 2-ETHOXY-
U359	ETHYLENE GLYCOL MONOETHYL ETHER
U381	CARBAMODITHIOIC ACID, DIETHYL-, SODIUM SALT
U381	SODIUM DIETHYLDITHIOCARBAMATE
U404	ETHANAMINE, N,N-DIETHYL-
U404	TRIETHYLAMINE
D001	IGNITABLE WASTE
D002	CORROSIVE WASTE
D003	REACTIVE WASTE
D004	ARSENIC
D005	BARIUM
D006	CADMIUM
D007	CHROMIUM
D008	LEAD
D009	MERCURY
D010	SELENIUM
D011	SILVER
D018	BENZENE
D019	CARBON TETRACHLORIDE
D021	CHLOROBENZENE
D022	CHLOROFORM
D023	O-CRESOL
D024	M-CRESOL
D025	P-CRESOL
D026	CRESOL
D027	1,4-DICHLOROBENZENE
D028	1,2-DICHLOROETHANE
D029	1,1-DICHLOROETHYLENE
D030	2,4-DINITROTOLUENE
D032	HEXACHLOROBENZENE
D033	HEXACHLOROBUTADIENE
D034	HEXACHLOROETHANE
D035	METHYL ETHYL KETONE
D036	NITROBENZENE
D037	PENTACHLOROPHENOL
D038	PYRIDINE
D039	TETRACHLOROETHYLENE
D040	TRICHLORETHYLENE
D041	2,4,5-TRICHLOROPHENOL
D042	2,4,6-TRICHLOROPHENOL
D043	VINYL CHLORIDE

## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

- F001** THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- F002** THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- 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.
- F004** THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; 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, 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.
- F027** DISCARDED UNUSED FORMULATIONS CONTAINING TRI-, TETRA-, OR PENTACHLOROPHENOL OR DISCARDED UNUSED FORMULATIONS CONTAINING COMPOUNDS DERIVED FROM THESE CHLOROPHENOLS. (THIS LISTING DOES NOT INCLUDE FORMULATIONS CONTAINING HEXACHLOROPHENE SYNTHESIZED FROM PREPURIFIED 2,4,5-TRICHLOROPHENOL AS THE SOLE COMPONENT.)
- F039** LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)
- K025** DISTILLATION BOTTOMS FROM THE PRODUCTION OF NITROBENZENE BY THE NITRATION OF BENZENE.
- K027** CENTRIFUGE AND DISTILLATION RESIDUES FROM TOLUENE DIISOCYANATE PRODUCTION.
- K083** DISTILLATION BOTTOMS FROM ANILINE PRODUCTION.
- K103** PROCESS RESIDUES FROM ANILINE EXTRACTION FROM THE PRODUCTION OF ANILINE.
- K104** COMBINED WASTEWATERS GENERATED FROM NITROBENZENE/ANILINE PRODUCTION.
- K111** PRODUCT WASHWATERS FROM THE PRODUCTION OF DINITROTOLUENE VIA NITRATION OF TOLUENE.
- K112** REACTION BY-PRODUCT WATER FROM THE DRYING COLUMN IN THE PRODUCTION OF TOLUENEDIAMINE VIA HYDROGENATION OF DINITROTOLUENE.
- K113** CONDENSED LIQUID LIGHT ENDS FROM PURIFICATION OF TOLUENEDIAMINE IN PRODUCTION OF TOLUENEDIAMINE VIA HYDROGENATION OF DINITROTOLUENE.
- K114** VICINALS FROM THE PURIFICATION OF TOLUENEDIAMINE IN PRODUCTION OF TOLUENEDIAMINE VIA HYDROGENATION OF DINITROTOLUENE.
- K115** HEAVY ENDS FROM PURIFICATION OF TOLUENEDIAMINE IN THE PRODUCTION OF TOLUENEDIAMINE VIA HYDROGENATION OF DINITROTOLUENE.
- K116** ORGANIC CONDENSATE FROM THE SOLVENT RECOVERY COLUMN IN THE PRODUCTION OF TOLUENE DIISOCYANATE VIA PHOSGENATION OF TOLUENEDIAMINE.
- LABP**

## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

P008	4-AMINOPYRIDINE
P008	4-PYRIDINAMINE
P012	ARSENIC OXIDE AS <sub>2</sub> O <sub>3</sub>
P012	ARSENIC TRIOXIDE
P022	CARBON DISULFIDE
P024	BENZENAMINE, 4-CHLORO-
P024	P-CHLORANILINE
P028	BENZENE, (CHLOROMETHYL)-
P028	BENZYL CHLORIDE
P047	4,6-DINITRO-O-CRESOL, & SALTS
P047	PHENOL, 2-METHYL-4,6-DINITRO-, & SALTS
P048	2,4-DINITROPHENOL
P048	PHENOL, 2,4-DINITRO-
P077	BENZENAMINE, 4-NITRO-
P077	P-NITROANILINE
P095	CARBONIC DICHLORIDE
P095	PHOSGENE
P096	HYDROGEN PHOSPHIDE
P096	PHOSPHINE
P105	SODIUM AZIDE
P106	SODIUM CYANIDE
P106	SODIUM CYANIDE NA(CN)
P120	VANADIUM OXIDE V <sub>2</sub> O <sub>5</sub>
P120	VANADIUM PENTOXIDE
U002	2-PROPANONE (I)
U002	ACETONE (I)
U003	ACETONITRILE (I,T)
U006	ACETYL CHLORIDE (C,R,T)
U008	2-PROPENOIC ACID (I)
U008	ACRYLIC ACID (I)
U009	2-PROPENENITRILE
U009	ACRYLONITRILE
U012	ANILINE (I,T)
U012	BENZENAMINE (I,T)
U017	BENZAL CHLORIDE
U017	BENZENE, (DICHLOROMETHYL)-
U019	BENZENE (I,T)
U021	[1,1'-BIPHENYL]-4,4'-DIAMINE
U021	BENZIDINE
U030	4-BROMOPHENYL PHENYL ETHER
U030	BENZENE, 1-BROMO-4-PHENOXY-
U031	1-BUTANOL (I)
U031	N-BUTYL ALCOHOL (I)
U037	BENZENE, CHLORO-
U037	CHLOROBENZENE

## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

U044	CHLOROFORM
U044	METHANE, TRICHLORO-
U047	BETA-CHLORONAPHTHALENE
U047	NAPHTHALENE, 2-CHLORO-
U048	O-CHLOROPHENOL
U048	PHENOL, 2-CHLORO-
U052	CRESOL (CRESYLIC ACID)
U052	PHENOL, METHYL-
U055	BENZENE, (1-METHYLETHYL)- (I)
U055	CUMENE (I)
U056	BENZENE, HEXAHYDRO- (I)
U056	CYCLOHEXANE (I)
U057	CYCLOHEXANONE (I)
U069	1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER
U069	DIBUTYL PHTHALATE
U070	BENZENE, 1,2-DICHLORO-
U070	O-DICHLOROBENZENE
U071	BENZENE, 1,3-DICHLORO-
U071	M-DICHLOROBENZENE
U072	BENZENE, 1,4-DICHLORO-
U072	P-DICHLOROBENZENE
U075	DICHLORODIFLUOROMETHANE
U075	METHANE, DICHLORODIFLUORO-
U076	ETHANE, 1,1-DICHLORO-
U076	ETHYLIDENE DICHLORIDE
U077	ETHANE, 1,2-DICHLORO-
U077	ETHYLENE DICHLORIDE
U078	1,1-DICHLOROETHYLENE
U078	ETHENE, 1,1-DICHLORO-
U079	1,2-DICHLOROETHYLENE
U079	ETHENE, 1,2-DICHLORO-, (E)-
U080	METHANE, DICHLORO-
U080	METHYLENE CHLORIDE
U081	2,4-DICHLOROPHENOL
U081	PHENOL, 2,4-DICHLORO-
U083	PROPANE, 1,2-DICHLORO-
U083	PROPYLENE DICHLORIDE
U088	1,2-BENZENEDICARBOXYLIC ACID, DIETHYL ESTER
U088	DIETHYL PHTHALATE
U095	[1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DIMETHYL-
U095	3,3'-DIMETHYLBENZIDINE
U096	ALPHA,ALPHA-DIMETHYLBENZYLHYDROPEROXIDE (R)
U096	HYDROPEROXIDE, 1-METHYL-1-PHENYLETHYL-(R)
U101	2,4-DIMETHYLPHENOL
U101	PHENOL, 2,4-DIMETHYL-

## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

U102	1,2-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER
U102	DIMETHYL PHTHALATE
U105	2,4-DINITROTOLUENE
U105	BENZENE, 1-METHYL-2,4-DINITRO-
U106	2,6-DINITROTOLUENE
U106	BENZENE, 2-METHYL-1,3-DINITRO-
U108	1,4-DIETHYLENEOXIDE
U108	1,4-DIOXANE
U109	1,2-DIPHENYLHYDRAZINE
U109	HYDRAZINE, 1,2-DIPHENYL-
U112	ACETIC ACID, ETHYL ESTER (I)
U112	ETHYL ACETATE (I)
U115	ETHYLENE OXIDE (I,T)
U115	OXIRANE (I,T)
U117	ETHANE, 1,1'-OXYBIS-(I)
U117	ETHYL ETHER (I)
U120	FLUORANTHENE
U121	METHANE, TRICHLOROFLUORO-
U121	TRICHLOROMONOFLUOROMETHANE
U122	FORMALDEHYDE
U123	FORMIC ACID (C,T)
U127	BENZENE, HEXACHLORO-
U127	HEXACHLOROBENZENE
U128	1,3-BUTADIENE, 1,1,2,3,4,4-HEXACHLORO-
U128	HEXACHLOROBUTADIENE
U130	1,3-CYCLOPENTADIENE, 1,2,3,4,5,5-HEXACHLORO-
U130	HEXACHLOROCYCLOPENTADIENE
U131	ETHANE, HEXACHLORO-
U131	HEXACHLOROETHANE
U133	HYDRAZINE (R,T)
U140	1-PROPANOL, 2-METHYL- (I,T)
U140	ISOBUTYL ALCOHOL (I,T)
U144	ACETIC ACID, LEAD(2+) SALT
U144	LEAD ACETATE
U147	2,5-FURANDIONE
U147	MALEIC ANHYDRIDE
U151	MERCURY
U154	METHANOL (I)
U154	METHYL ALCOHOL (I)
U159	2-BUTANONE (I,T)
U159	METHYL ETHYL KETONE (MEK) (I,T)
U161	4-METHYL-2-PENTANONE (I)
U161	METHYL ISOBUTYL KETONE (I)
U161	PENTANOL, 4-METHYL-
U165	NAPHTHALENE

## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

U169	BENZENE, NITRO-
U169	NITROBENZENE (I,T)
U170	P-NITROPHENOL (I,T)
U170	PHENOL, 4-NITRO-
U171	2-NITROPROPANE (I,T)
U171	PROPANE, 2-NITRO- (I,T)
U181	5-NITRO-O-TOLUIDINE
U181	BENZENAMINE, 2-METHYL-5-NITRO
U188	PHENOL
U190	1,3-ISOBENZOFURANDIONE
U190	PHTHALIC ANHYDRIDE
U191	2-PICOLINE
U191	PYRIDINE, 2-METHYL-
U196	PYRIDINE
U197	2,5-CYCLOHEXADIENE-1,4-DIONE
U197	P-BENZOQUINONE
U209	1,1,2,2-TETRACHLOROETHANE
U209	ETHANE, 1,1,2,2-TETRACHLORO-
U210	ETHENE, TETRACHLORO-
U211	CARBON TETRACHLORIDE
U211	METHANE, TETRACHLORO-
U213	FURAN, TETRAHYDRO-(I)
U213	TETRAHYDROFURAN (I)
U218	ETHANETHIOAMIDE
U218	THIOACETAMIDE
U220	BENZENE, METHYL-
U220	TOLUENE
U221	BENZENEDIAMINE, AR-METHYL-
U221	TOLUENEDIAMINE
U223	BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T)
U223	TOLUENE DIISOCYANATE (R,T)
U225	BROMOFORM
U225	METHANE, TRIBROMO-
U226	ETHANE, 1,1,1-TRICHLORO-
U226	METHYL CHLOROFORM
U227	1,1,2-TRICHLOROETHANE
U227	ETHANE, 1,1,2-TRICHLORO-
U228	ETHENE, TRICHLORO-
U228	TRICHLOROETHYLENE
U235	1-PROPANOL, 2,3-DIBROMO-, PHOSPHATE (3:1)
U235	TRIS(2,3,-DIBROMOPROPYL) PHOSPHATE
U239	BENZENE, DIMETHYL- (I,T)
U239	XYLENE (I)
U240	2,4-D, SALTS & ESTERS
U240	ACETIC ACID, (2,4-DICHLOROPHENOXY)-, SALTS & ESTERS

## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

U328 BENZENAMINE, 2-METHYL-  
 U328 O-TOLUIDINE  
 U353 BENZENAMINE, 4-METHYL-  
 U353 P-TOLUIDINE  
 U359 ETHANOL, 2-ETHOXY-  
 U359 ETHYLENE GLYCOL MONOETHYL ETHER  
 U404 ETHANAMINE, N,N-DIETHYL-  
 U404 TRIETHYLAMINE

### UNIVERSAL WASTE

WASTE TYPE:	ACCUMULATED WASTE ON-SITE:	GENERATED WASTE ON-SITE:
NOT REPORTED	NO	NO
BATTERIES	NO	NOT REPORTED
BATTERIES	NO	NO
LAMPS	NO	NOT REPORTED
LAMPS	NO	NO
MERCURY CONTAINING EQUIPMENT	NO	NOT REPORTED
MERCURY CONTAINING EQUIPMENT	NO	NO
OTHER	NO	NO
PESTICIDES	NO	NOT REPORTED
PESTICIDES	NO	NO

### CORRECTIVE ACTION AREA

AREA NAME:	AIR RELEASE:	GROUNDWATER RELEASE:	SOIL RELEASE:	SURFACE WASTE RELEASE:
ENTIRE FACILITY	----	Y	Y	----
NORTH AND SOUTH PONDS	----	----	----	----
NITROBENZENE TANK MT-2404	----	----	----	----
C-SILT AOI	----	----	----	----

### CORRECTIVE ACTION EVENT

CA EVENT:	DATE:	EVENT DESCRIPTION:
CA050	19870528	RFA COMPLETED
CA060	19980722	NOTICE OF CONTAMINATION
CA075ME	19920224	CA PRIORITIZATION-MEDIUM CA PRIORITY
CA100	19931105	INVESTIGATION IMPOSITION
CA110	19940720	INVESTIGATION WORKPLAN RECEIVED
CA110	19950310	INVESTIGATION WORKPLAN RECEIVED
CA140	19941215	INVESTIGATION WORKPLAN NOTICE OF DEFICIENCY ISSUED
CA140	19991209	INVESTIGATION WORKPLAN NOTICE OF DEFICIENCY ISSUED
CA150	19960723	INVESTIGATION WORKPLAN APPROVED
CA180	19960723	INVESTIGATION IMPLEMENTATION BEGUN
CA190	19971218	INVESTIGATION REPORT RECEIVED
CA195	19950620	INVESTIGATION PROGRESS REPORTS RECEIVED
CA200	20030828	INVESTIGATION COMPLETE
CA400	20120613	REMEDY DECISION
CA600SR	19980807	STABILIZATION/INTERIM MEASURES DECISION-PRIMARY MEAS IS SOURCE REMOVL &/OR TRT



## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

CA604OR	19980729	STABILIZATION MEASURES WORKPLAN RECD
CA604OR	19980729	STABILIZATION MEASURES WORKPLAN REC
CA604OR	19980729	STAB MEASURES WORKPLAN RECD
CA604OR	19980729	STABALIZATION MEASURES WORKPLAN RECEIVED
CA614	19980807	-MISSING EVENT NAME-
CA614	19980807	STABILIZATION MEASURES WORKPLAN APPROVED
CA614	19980807	STABILIZATION MEASURES WORKPLAN APPROVED
CA614	19980807	STABILIZATION MEASURES WORKPLAN APPROVED
CA614	19980807	STAB MEASURES WORPLAN APPROVED
CA614	19980807	STABILIZATION MEASURES WORKPLAN APPROVED
CA614	19980807	STABILIZATION MEASURES WORKPLAN APPROVED
CA614	19980807	STABLIZATION MEASURS WORK PLAN APPROVED
CA725IN	19970729	HUMAN EXPOSURES CONTROLLED DETERMINATION-MORE INFORMATION NEEDED
CA725YE	20120327	HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
CA750IN	19970729	RELEASE TO GW CONTROLLED DETERMINATION-MORE INFORMATION NEEDED
CA750YE	20120327	RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
CA770GW	19811101	ENGINEERING CONTROL IN PLACE WITH INSTITUTIONAL CONTROL- GROUNDWATER TREATMENT
CA770GW	19811101	ENGINEERING CONTROLS ESTABLISHED-GROUNDWATER CONTROL
CA770NG	19980123	ENGINEERING CONTROLS ESTABLISHED-NON-GROUNDWATER CONTROL
CA772EP	19811101	INSTITUTIONAL CONTROL EVALUATED, SELECTED & IMPLEMENTED- ENFORCEMENT & PERMIT
CA772EP	19811101	INSTITUTIONAL CONTROLS ESTABLISHED-ENFORCEMENT AND PERMIT TOOLS

[Back to Report Summary](#)

## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

**MAP ID# 12**

Distance from Property: 0.98 mi. E

### FACILITY INFORMATION

EPA ID#: LAD008194060

NAME: LION COPOLYMER GEISMAR, LLC

ADDRESS: 36191 HIGHWAY 30

GEISMAR, LA 70734

CONTACT NAME: KEITH E GORDON

CONTACT ADDRESS: PO BOX 397

GEISMAR, LA 70734

CONTACT PHONE: 2256730783

NON-NOTIFIER: NOT A NON-NOTIFIER

DATE RECEIVED BY AGENCY: 04/13/2012

OWNER TYPE: PRIVATE

OWNER NAME: LION COPOLYMER GEISMAR, LLC

OPERATOR TYPE: PRIVATE

OPERATOR NAME: LION COPOLYMER GEISMAR, LLC

### CERTIFICATION

CERTIFICATION NAME:	CERTIFICATION TITLE:	CERTIFICATION SIGNED DATE:
PHILIP SPILLANE	PLANT MANGER	20100222
PHILIP SPILLANE	PLANT MANAGER	20120223
KEITH BAGGETT	FACTORY MANAGER	20040813
KEITH BAGGETT	FACTORY MANAGER	20050131
KEITH BAGGETT	FACTORY MANAGER	20060124
PHILLIP SPILLANE	PLANT MGR	20080229
PHILLIP SPILLANE	PLANT MGR	20100322
NOT REPORTED	NOT REPORTED	NOT REPORTED
VINCENT J STADOLNIK	FACTORY MANAGER	19920228
VINCENT J STADOLNIK	FACTORY MANAGER	19940228
VINCE J STADOLNIK	FACORY MANAGER	19960222
VINCENT J STADOLNIK	FACTORY MANAGER	19980217
VINCENT J STADOLNIK	FACTORY MANAGER	20000217
W. K BAGGETT	FACTORY MANAGER	20020222
W K BAGGETT	FACTORY MANAGER	20040220
W. KEITH BAGGETT	DIRECTOR-MANUFA	20060301
RAMAN IYER	DIRECTOR - EHS	20080229

### INDUSTRY CLASSIFICATION (NAICS)

32511 - PETROCHEMICAL MANUFACTURING

325199 - ALL OTHER BASIC ORGANIC CHEMICAL MANUFACTURING

325212 - SYNTHETIC RUBBER MANUFACTURING

32532 - PESTICIDE AND OTHER AGRICULTURAL CHEMICAL MANUFAC

562213 - SOLID WASTE COMBUSTORS AND INCINERATORS

### SITE HISTORY (INCLUDES GENERATORS AND NON-GENERATORS)

DATE RECEIVED BY AGENCY: 07/03/1995

NAME: CROMPTON MFG CO INC

GENERATOR CLASSIFICATION: NOT A GENERATOR

DATE RECEIVED BY AGENCY: 02/23/2010

NAME: LION COPOLYMER GEISMAR, LLC

GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

## ***Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)***

DATE RECEIVED BY AGENCY: 04/13/2012  
NAME: LION COPOLYMER GEISMAR, LLC  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR  
DATE RECEIVED BY AGENCY: 07/21/1980  
NAME: CROMPTON MFG CO INC  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR  
DATE RECEIVED BY AGENCY: 07/21/1980  
NAME: CROMPTON MFG CO INC  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR  
DATE RECEIVED BY AGENCY: 10/28/1999  
NAME: CROMPTON MFG CO INC  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR  
DATE RECEIVED BY AGENCY: 10/11/2000  
NAME: CROMPTON MFG CO INC  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR  
DATE RECEIVED BY AGENCY: 04/24/2001  
NAME: CROMPTON MFG CO INC  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR  
DATE RECEIVED BY AGENCY: 08/13/2004  
NAME: CROMPTON MANUFACTURING CO., INC  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR  
DATE RECEIVED BY AGENCY: 01/31/2005  
NAME: CROMPTON MANUFACTURING CO., INC  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR  
DATE RECEIVED BY AGENCY: 01/24/2006  
NAME: CHEMTURA USA CORP  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR  
DATE RECEIVED BY AGENCY: 02/29/2008  
NAME: LION COPOLYMER GEISMAR LLC  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR  
DATE RECEIVED BY AGENCY: 03/22/2010  
NAME: LION COPOLYMER GEISMAR LLC  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR  
DATE RECEIVED BY AGENCY: 03/01/1990  
NAME: UNIROYAL CHEMICAL COMPANY, INC  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR  
DATE RECEIVED BY AGENCY: 02/28/1992  
NAME: UNIROYAL CHEMICAL CO. INC.  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR  
DATE RECEIVED BY AGENCY: 02/28/1994  
NAME: UNIROYAL CHEMICAL COMPANY  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR  
DATE RECEIVED BY AGENCY: 02/22/1996  
NAME: UNIROYAL CHEMICAL COMPANY, INC.  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

## **Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)**

DATE RECEIVED BY AGENCY: 02/17/1998  
NAME: **UNIROYAL CHEMICAL COMPANY INC**  
GENERATOR CLASSIFICATION: **CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR**  
DATE RECEIVED BY AGENCY: 02/17/2000  
NAME: **UNIROYAL CHEMICAL COMPANY, INC.**  
GENERATOR CLASSIFICATION: **CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR**  
DATE RECEIVED BY AGENCY: 02/22/2002  
NAME: **CROMPTON MANUFACTURING CO., INC.-GEISMAR**  
GENERATOR CLASSIFICATION: **CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR**  
DATE RECEIVED BY AGENCY: 02/20/2004  
NAME: **CROMPTON MANUFACTURING COMPANY, INC.**  
GENERATOR CLASSIFICATION: **CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR**  
DATE RECEIVED BY AGENCY: 03/01/2006  
NAME: **CHEMTURA USA CORPORATION**  
GENERATOR CLASSIFICATION: **CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR**  
DATE RECEIVED BY AGENCY: 02/29/2008  
NAME: **CHEMTURA CORPORATION**  
GENERATOR CLASSIFICATION: **CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR**

### ACTIVITY INFORMATION

GENERATOR STATUS: **LARGE QUANTITY GENERATOR**  
SUBJECT TO CORRECTIVE ACTION UNIVERSE: **YES**  
TDSFs POTENTIALLY SUBJECT TO CORRECTIVE ACTION UNDER 3004 (u)/(v) UNIVERSE: **YES**  
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: **YES**  
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

1987/10/09	CSE COMPLIANCE SCHEDULE EVALUATION
1988/01/07	FRR FINANCIAL RECORD REVIEW
1988/03/15	GME GROUNDWATER MONITORING EVALUATION
1988/03/18	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1988/06/02	NRR NON-FINANCIAL RECORD REVIEW
1988/06/09	CSE COMPLIANCE SCHEDULE EVALUATION
1989/01/18	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1989/04/12	NRR NON-FINANCIAL RECORD REVIEW
1989/05/17	NRR NON-FINANCIAL RECORD REVIEW
1989/05/31	CSE COMPLIANCE SCHEDULE EVALUATION

## **Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)**

1990/04/25	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1990/07/12	GME GROUNDWATER MONITORING EVALUATION
1991/07/16	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1991/09/11	CSE COMPLIANCE SCHEDULE EVALUATION
1992/08/20	CDI CASE DEVELOPMENT INSPECTION
1992/08/20	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1992/08/20	SNY SIGNIFICANT NON-COMPLIER
1993/03/10	GME GROUNDWATER MONITORING EVALUATION
1993/08/18	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1994/02/14	FCI FOCUSED COMPLIANCE INSPECTION
1994/02/17	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1994/09/28	CSE COMPLIANCE SCHEDULE EVALUATION
1995/05/02	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1995/05/25	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1996/01/30	FCI FOCUSED COMPLIANCE INSPECTION
1996/04/09	OAM OPERATION AND MAINTENANCE INSPECTION
1996/04/26	CSE COMPLIANCE SCHEDULE EVALUATION
1996/12/04	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1998/03/09	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1998/05/06	CSE COMPLIANCE SCHEDULE EVALUATION
1998/05/06	SNN NOT A SIGNIFICANT NON-COMPLIER
1998/10/28	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1998/12/04	CSE COMPLIANCE SCHEDULE EVALUATION
1999/03/16	CAC CORRECTIVE ACTION COMPLIANCE EVALUATION
1999/06/28	GME GROUNDWATER MONITORING EVALUATION
1999/10/28	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2000/11/28	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2001/07/25	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2002/03/19	OAM OPERATION AND MAINTENANCE INSPECTION
2002/09/19	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2003/09/18	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2005/01/12	GME GROUNDWATER MONITORING EVALUATION
2005/03/03	FCI FOCUSED COMPLIANCE INSPECTION
2005/09/21	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2005/09/21	SNY SIGNIFICANT NON-COMPLIER
2007/06/05	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2007/12/14	SNN NOT A SIGNIFICANT NON-COMPLIER
2008/01/25	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2008/01/28	FUI FOLLOW-UP INSPECTION
2008/04/24	OAM OPERATION AND MAINTENANCE INSPECTION
2009/08/04	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2011/08/31	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2012/06/19	GME GROUNDWATER MONITORING EVALUATION

### VIOLATIONS

1988/03/15	265.F TSD IS-GROUND-WATER MONITORING
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## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

1988/03/18	264.A TSD - GENERAL
1988/06/02	264.G TSD - CLOSURE/POST-CLOSURE
1989/01/18	264.A TSD - GENERAL
1989/04/12	268.A LDR - GENERAL
1989/05/17	264.A TSD - GENERAL
1990/04/25	264.A TSD - GENERAL
1992/08/20	264.J TSD - TANK SYSTEM STANDARDS
1992/08/23	262.A GENERATORS - GENERAL
1992/08/23	268.A LDR - GENERAL
1993/03/12	264.G TSD - CLOSURE/POST-CLOSURE
1993/08/10	262.A GENERATORS - GENERAL
1993/08/10	262.B GENERATORS - MANIFEST
1993/08/10	262.D GENERATORS - RECORDS/REPORTING
1993/08/10	264.B TSD - GENERAL FACILITY STANDARDS
1993/08/10	264.G TSD - CLOSURE/POST-CLOSURE
1993/08/10	264.H TSD - FINANCIAL REQUIREMENTS
1993/08/10	264.J TSD - TANK SYSTEM STANDARDS
1993/08/10	268.A LDR - GENERAL
1993/08/18	262.A GENERATORS - GENERAL
2003/09/18	262.D GENERATORS - RECORDS/REPORTING
2005/09/21	262.C GENERATORS - PRE-TRANSPORT
2005/09/21	264.J TSD - TANK SYSTEM STANDARDS
2005/09/21	XXS STATE STATUTE OR REGULATION
2008/01/25	262.D GENERATORS - RECORDS/REPORTING
2008/01/25	XXS STATE STATUTE OR REGULATION
2009/08/04	273.B UNIVERSAL WASTE - SMALL QUANTITY HANDLERS
2011/08/31	262.A GENERATORS - GENERAL
2011/08/31	273.B UNIVERSAL WASTE - SMALL QUANTITY HANDLERS

### ENFORCEMENTS

1988/04/25	310 FINAL 3008(A) COMPLIANCE ORDER
1988/05/09	310 FINAL 3008(A) COMPLIANCE ORDER
1988/06/03	120 WRITTEN INFORMAL
1989/03/31	310 FINAL 3008(A) COMPLIANCE ORDER
1989/05/17	310 FINAL 3008(A) COMPLIANCE ORDER
1989/06/13	120 WRITTEN INFORMAL
1990/10/11	120 WRITTEN INFORMAL
1993/04/22	310 FINAL 3008(A) COMPLIANCE ORDER
1993/11/04	310 FINAL 3008(A) COMPLIANCE ORDER
1993/11/09	127 FACILITY APPEALED
1994/04/06	310 FINAL 3008(A) COMPLIANCE ORDER
2004/02/16	120 WRITTEN INFORMAL
2007/01/31	310 FINAL 3008(A) COMPLIANCE ORDER
2008/06/26	120 WRITTEN INFORMAL
2009/08/20	120 WRITTEN INFORMAL
2012/04/04	120 WRITTEN INFORMAL

## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

### HAZARDOUS WASTE

D001	IGNITABLE WASTE
D002	CORROSIVE WASTE
D003	REACTIVE WASTE
D005	BARIIUM
D006	CADMIUM
D007	CHROMIUM
D008	LEAD
D009	MERCURY
D018	BENZENE
D019	CARBON TETRACHLORIDE
D021	CHLOROBENZENE
D024	M-CRESOL
D025	P-CRESOL
D026	CRESOL
D028	1,2-DICHLOROETHANE
D033	HEXACHLOROBUTADIENE
D034	HEXACHLOROETHANE
D035	METHYL ETHYL KETONE
D039	TETRACHLOROETHYLENE
D040	TRICHLOROETHYLENE
F001	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F002	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
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.
F004	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; 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, 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.
P020	DINOSEB
P020	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-



## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

P022	CARBON DISULFIDE
P068	HYDRAZINE, METHYL-
P068	METHYL HYDRAZINE
P076	NITRIC OXIDE
P076	NITROGEN OXIDE NO
P078	NITROGEN DIOXIDE
P078	NITROGEN OXIDE NO2
P105	SODIUM AZIDE
P120	VANADIUM OXIDE V2O5
P120	VANADIUM PENTOXIDE
U002	2-PROPANONE (I)
U002	ACETONE (I)
U003	ACETONITRILE (I,T)
U008	2-PROPENOIC ACID (I)
U008	ACRYLIC ACID (I)
U012	ANILINE (I,T)
U012	BENZENAMINE (I,T)
U019	BENZENE (I,T)
U037	BENZENE, CHLORO-
U037	CHLOROBENZENE
U052	CRESOL (CRESYLIC ACID)
U052	PHENOL, METHYL-
U057	CYCLOHEXANONE (I)
U070	BENZENE, 1,2-DICHLORO-
U070	O-DICHLOROBENZENE
U077	ETHANE, 1,2-DICHLORO-
U077	ETHYLENE DICHLORIDE
U098	1,1-DIMETHYLHYDRAZINE
U098	HYDRAZINE, 1,1-DIMETHYL-
U108	1,4-DIETHYLENEOXIDE
U108	1,4-DIOXANE
U123	FORMIC ACID (C,T)
U133	HYDRAZINE (R,T)
U135	HYDROGEN SULFIDE
U135	HYDROGEN SULFIDE H2S
U147	2,5-FURANDIONE
U147	MALEIC ANHYDRIDE
U148	3,6-PYRIDAZINEDIONE, 1,2-DIHYDRO-
U148	MALEIC HYDRAZIDE
U151	MERCURY
U154	METHANOL (I)
U154	METHYL ALCOHOL (I)
U161	4-METHYL-2-PENTANONE (I)
U161	METHYL ISOBUTYL KETONE (I)
U161	PENTANOL, 4-METHYL-

## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

U188	PHENOL
U190	1,3-ISOBENZOFURANDIONE
U190	PHTHALIC ANHYDRIDE
U201	1,3-BENZENEDIOL
U201	RESORCINOL
U211	CARBON TETRACHLORIDE
U211	METHANE, TETRACHLORO-
U213	FURAN, TETRAHYDRO-(I)
U213	TETRAHYDROFURAN (I)
U218	ETHANETHIOAMIDE
U218	THIOACETAMIDE
U220	BENZENE, METHYL-
U220	TOLUENE
U238	CARBAMIC ACID, ETHYL ESTER
U238	ETHYL CARBAMATE (URETHANE)
U244	THIOPEROXYDICARBONIC DIAMIDE [(H <sub>2</sub> N)C(S)] <sub>2</sub> S <sub>2</sub> , TETRAMETHYL-
U244	THIRAM
U328	BENZENAMINE, 2-METHYL-
U328	O-TOLUIDINE
D001	IGNITABLE WASTE
D002	CORROSIVE WASTE
D003	REACTIVE WASTE
D005	BARIUM
D007	CHROMIUM
D009	MERCURY
D011	SILVER
D018	BENZENE
D019	CARBON TETRACHLORIDE
D022	CHLOROFORM
D028	1,2-DICHLOROETHANE
D035	METHYL ETHYL KETONE
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.
F039	LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)
P077	BENZENAMINE, 4-NITRO-
P077	P-NITROANILINE

## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

P098	POTASSIUM CYANIDE
P098	POTASSIUM CYANIDE K(CN)
P120	VANADIUM OXIDE V2O5
P120	VANADIUM PENTOXIDE
P205	ZINC, BIS(DIMETHYLCARBAMODITHIOATO-S,S?)-,
P205	ZIRAM
U012	ANILINE (I,T)
U012	BENZENAMINE (I,T)
U044	CHLOROFORM
U044	METHANE, TRICHLORO-
U057	CYCLOHEXANONE (I)
U123	FORMIC ACID (C,T)
U133	HYDRAZINE (R,T)
U134	HYDROFLUORIC ACID (C,T)
U134	HYDROGEN FLUORIDE (C,T)
U147	2,5-FURANDIONE
U147	MALEIC ANHYDRIDE
U148	3,6-PYRIDAZINEDIONE, 1,2-DIHYDRO-
U148	MALEIC HYDRAZIDE
U154	METHANOL (I)
U154	METHYL ALCOHOL (I)
U159	2-BUTANONE (I,T)
U159	METHYL ETHYL KETONE (MEK) (I,T)
U211	CARBON TETRACHLORIDE
U211	METHANE, TETRACHLORO-
U213	FURAN, TETRAHYDRO-(I)
U213	TETRAHYDROFURAN (I)
U220	BENZENE, METHYL-
U220	TOLUENE
U239	BENZENE, DIMETHYL- (I,T)
U239	XYLENE (I)
D001	IGNITABLE WASTE
D002	CORROSIVE WASTE
D003	REACTIVE WASTE
D007	CHROMIUM
D008	LEAD
D009	MERCURY
D018	BENZENE
D025	P-CRESOL
D028	1,2-DICHLOROETHANE
D039	TETRACHLOROETHYLENE
F001	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE,TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE ANDCHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

F002	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
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.
F004	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; 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, 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.
P020	DINOSEB
P020	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
P022	CARBON DISULFIDE
U002	2-PROPANONE (I)
U002	ACETONE (I)
U003	ACETONITRILE (I,T)
U012	ANILINE (I,T)
U012	BENZENAMINE (I,T)
U057	CYCLOHEXANONE (I)
U077	ETHANE, 1,2-DICHLORO-
U077	ETHYLENE DICHLORIDE
U098	1,1-DIMETHYLHYDRAZINE
U098	HYDRAZINE, 1,1-DIMETHYL-
U133	HYDRAZINE (R,T)
U147	2,5-FURANDIONE
U147	MALEIC ANHYDRIDE
U148	3,6-PYRIDAZINEDIONE, 1,2-DIHYDRO-
U148	MALEIC HYDRAZIDE
U154	METHANOL (I)
U154	METHYL ALCOHOL (I)
U161	4-METHYL-2-PENTANONE (I)
U161	METHYL ISOBUTYL KETONE (I)
U161	PENTANOL, 4-METHYL-
U190	1,3-ISOBENZOFURANDIONE
U190	PHTHALIC ANHYDRIDE
U220	BENZENE, METHYL-
U220	TOLUENE

## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

U244	THIOPEROXYDICARBONIC DIAMIDE [(H <sub>2</sub> N)C(S)] <sub>2</sub> S <sub>2</sub> , TETRAMETHYL-
U244	THIRAM
D001	IGNITABLE WASTE
D002	CORROSIVE WASTE
D003	REACTIVE WASTE
D005	BARIUM
D006	CADMIUM
D007	CHROMIUM
D008	LEAD
D009	MERCURY
D011	SILVER
D018	BENZENE
D019	CARBON TETRACHLORIDE
D021	CHLOROBENZENE
D022	CHLOROFORM
D024	M-CRESOL
D025	P-CRESOL
D026	CRESOL
D028	1,2-DICHLOROETHANE
D029	1,1-DICHLOROETHYLENE
D033	HEXACHLOROBUTADIENE
D035	METHYL ETHYL KETONE
D039	TETRACHLOROETHYLENE
D040	TRICHLORETHYLENE
D043	VINYL CHLORIDE
F001	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F002	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
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.
F004	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; 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, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

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.
F039	LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)
P012	ARSENIC OXIDE AS <sub>2</sub> O <sub>3</sub>
P012	ARSENIC TRIOXIDE
P020	DINOSEB
P020	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
P022	CARBON DISULFIDE
P068	HYDRAZINE, METHYL-
P068	METHYL HYDRAZINE
P076	NITRIC OXIDE
P076	NITROGEN OXIDE NO
P077	BENZENAMINE, 4-NITRO-
P077	P-NITROANILINE
P078	NITROGEN DIOXIDE
P078	NITROGEN OXIDE NO <sub>2</sub>
P098	POTASSIUM CYANIDE
P098	POTASSIUM CYANIDE K(CN)
P105	SODIUM AZIDE
P120	VANADIUM OXIDE V <sub>2</sub> O <sub>5</sub>
P120	VANADIUM PENTOXIDE
P205	ZINC, BIS(DIMETHYLCARBAMODITHIOATO-S,S?)-,
P205	ZIRAM
U002	2-PROPANONE (I)
U002	ACETONE (I)
U003	ACETONITRILE (I,T)
U008	2-PROPENOIC ACID (I)
U008	ACRYLIC ACID (I)
U012	ANILINE (I,T)
U012	BENZENAMINE (I,T)
U019	BENZENE (I,T)
U021	[1,1'-BIPHENYL]-4,4'-DIAMINE
U021	BENZIDINE
U031	1-BUTANOL (I)
U031	N-BUTYL ALCOHOL (I)
U037	BENZENE, CHLORO-
U037	CHLOROBENZENE
U044	CHLOROFORM
U044	METHANE, TRICHLORO-
U052	CRESOL (CRESYLIC ACID)
U052	PHENOL, METHYL-

## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

U057	CYCLOHEXANONE (I)
U063	DIBENZ[A,H]ANTHRACENE
U070	BENZENE, 1,2-DICHLORO-
U070	O-DICHLOROBENZENE
U077	ETHANE, 1,2-DICHLORO-
U077	ETHYLENE DICHLORIDE
U080	METHANE, DICHLORO-
U080	METHYLENE CHLORIDE
U092	DIMETHYLAMINE (I)
U092	METHANAMINE, N-METHYL- (I)
U098	1,1-DIMETHYLHYDRAZINE
U098	HYDRAZINE, 1,1-DIMETHYL-
U108	1,4-DIETHYLENEOXIDE
U108	1,4-DIOXANE
U112	ACETIC ACID, ETHYL ESTER (I)
U112	ETHYL ACETATE (I)
U117	ETHANE, 1,1'-OXYBIS-(I)
U117	ETHYL ETHER (I)
U122	FORMALDEHYDE
U123	FORMIC ACID (C,T)
U133	HYDRAZINE (R,T)
U135	HYDROGEN SULFIDE
U135	HYDROGEN SULFIDE H2S
U138	METHANE, IODO-
U138	METHYL IODIDE
U144	ACETIC ACID, LEAD(2+) SALT
U144	LEAD ACETATE
U147	2,5-FURANDIONE
U147	MALEIC ANHYDRIDE
U148	3,6-PYRIDAZINEDIONE, 1,2-DIHYDRO-
U148	MALEIC HYDRAZIDE
U151	MERCURY
U154	METHANOL (I)
U154	METHYL ALCOHOL (I)
U159	2-BUTANONE (I,T)
U159	METHYL ETHYL KETONE (MEK) (I,T)
U161	4-METHYL-2-PENTANONE (I)
U161	METHYL ISOBUTYL KETONE (I)
U161	PENTANOL, 4-METHYL-
U169	BENZENE, NITRO-
U169	NITROBENZENE (I,T)
U170	P-NITROPHENOL (I,T)
U170	PHENOL, 4-NITRO-
U188	PHENOL
U190	1,3-ISOBENZOFURANDIONE



## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

U190	PHTHALIC ANHYDRIDE
U196	PYRIDINE
U201	1,3-BENZENEDIOL
U201	RESORCINOL
U211	CARBON TETRACHLORIDE
U211	METHANE, TETRACHLORO-
U213	FURAN, TETRAHYDRO-(I)
U213	TETRAHYDROFURAN (I)
U218	ETHANETHIOAMIDE
U218	THIOACETAMIDE
U220	BENZENE, METHYL-
U220	TOLUENE
U227	1,1,2-TRICHLOROETHANE
U227	ETHANE, 1,1,2-TRICHLORO-
U239	BENZENE, DIMETHYL- (I,T)
U239	XYLENE (I)
U244	THIOPEROXYDICARBONIC DIAMIDE [(H <sub>2</sub> N)C(S)] <sub>2</sub> S <sub>2</sub> , TETRAMETHYL-
U244	THIRAM
U328	BENZENAMINE, 2-METHYL-
U328	O-TOLUIDINE
U404	ETHANAMINE, N,N-DIETHYL-
U404	TRIETHYLAMINE
D001	IGNITABLE WASTE
D002	CORROSIVE WASTE
D003	REACTIVE WASTE
D005	BARIUM
D006	CADMIUM
D007	CHROMIUM
D008	LEAD
D009	MERCURY
D011	SILVER
D018	BENZENE
D019	CARBON TETRACHLORIDE
D021	CHLOROBENZENE
D022	CHLOROFORM
D024	M-CRESOL
D025	P-CRESOL
D026	CRESOL
D028	1,2-DICHLOROETHANE
D029	1,1-DICHLOROETHYLENE
D033	HEXACHLOROBUTADIENE
D035	METHYL ETHYL KETONE
D039	TETRACHLOROETHYLENE
D040	TRICHLORETHYLENE
D043	VINYL CHLORIDE

## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

F001	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F002	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
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.
F004	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; 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, 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.
P012	ARSENIC OXIDE AS <sub>2</sub> O <sub>3</sub>
P012	ARSENIC TRIOXIDE
P020	DINOSEB
P020	PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
P022	CARBON DISULFIDE
P068	HYDRAZINE, METHYL-
P068	METHYL HYDRAZINE
P076	NITRIC OXIDE
P076	NITROGEN OXIDE NO
P078	NITROGEN DIOXIDE
P078	NITROGEN OXIDE NO <sub>2</sub>
P098	POTASSIUM CYANIDE
P098	POTASSIUM CYANIDE K(CN)
P105	SODIUM AZIDE
P120	VANADIUM OXIDE V <sub>2</sub> O <sub>5</sub>
P120	VANADIUM PENTOXIDE
P205	ZINC, BIS(DIMETHYLCARBAMODITHIOATO-S,S?)-,
P205	ZIRAM
U002	2-PROPANONE (I)
U002	ACETONE (I)
U003	ACETONITRILE (I,T)
U008	2-PROPENOIC ACID (I)
U008	ACRYLIC ACID (I)

## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

U012	ANILINE (I,T)
U012	BENZENAMINE (I,T)
U019	BENZENE (I,T)
U021	[1,1'-BIPHENYL]-4,4'-DIAMINE
U021	BENZIDINE
U031	1-BUTANOL (I)
U031	N-BUTYL ALCOHOL (I)
U037	BENZENE, CHLORO-
U037	CHLOROBENZENE
U052	CRESOL (CRESYLIC ACID)
U052	PHENOL, METHYL-
U057	CYCLOHEXANONE (I)
U063	DIBENZ[A,H]ANTHRACENE
U070	BENZENE, 1,2-DICHLORO-
U070	O-DICHLOROBENZENE
U077	ETHANE, 1,2-DICHLORO-
U077	ETHYLENE DICHLORIDE
U080	METHANE, DICHLORO-
U080	METHYLENE CHLORIDE
U098	1,1-DIMETHYLHYDRAZINE
U098	HYDRAZINE, 1,1-DIMETHYL-
U108	1,4-DIETHYLENEOXIDE
U108	1,4-DIOXANE
U112	ACETIC ACID, ETHYL ESTER (I)
U112	ETHYL ACETATE (I)
U117	ETHANE, 1,1'-OXYBIS-(I)
U117	ETHYL ETHER (I)
U122	FORMALDEHYDE
U123	FORMIC ACID (C,T)
U133	HYDRAZINE (R,T)
U135	HYDROGEN SULFIDE
U135	HYDROGEN SULFIDE H2S
U138	METHANE, IODO-
U138	METHYL IODIDE
U144	ACETIC ACID, LEAD(2+) SALT
U144	LEAD ACETATE
U147	2,5-FURANDIONE
U147	MALEIC ANHYDRIDE
U148	3,6-PYRIDAZINEDIONE, 1,2-DIHYDRO-
U148	MALEIC HYDRAZIDE
U151	MERCURY
U154	METHANOL (I)
U154	METHYL ALCOHOL (I)
U159	2-BUTANONE (I,T)
U159	METHYL ETHYL KETONE (MEK) (I,T)

## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

U161	4-METHYL-2-PENTANONE (I)
U161	METHYL ISOBUTYL KETONE (I)
U161	PENTANOL, 4-METHYL-
U169	BENZENE, NITRO-
U169	NITROBENZENE (I,T)
U170	P-NITROPHENOL (I,T)
U170	PHENOL, 4-NITRO-
U188	PHENOL
U190	1,3-ISOBENZOFURANDIONE
U190	PHTHALIC ANHYDRIDE
U196	PYRIDINE
U201	1,3-BENZENEDIOL
U201	RESORCINOL
U211	CARBON TETRACHLORIDE
U211	METHANE, TETRACHLORO-
U213	FURAN, TETRAHYDRO-(I)
U213	TETRAHYDROFURAN (I)
U218	ETHANETHIOAMIDE
U218	THIOACETAMIDE
U220	BENZENE, METHYL-
U220	TOLUENE
U239	BENZENE, DIMETHYL- (I,T)
U239	XYLENE (I)
U244	THIOPEROXYDICARBONIC DIAMIDE [(H2N)C(S)]2S2, TETRAMETHYL-
U244	THIRAM
U328	BENZENAMINE, 2-METHYL-
U328	O-TOLUIDINE
U404	ETHANAMINE, N,N-DIETHYL-
U404	TRIETHYLAMINE

### UNIVERSAL WASTE

WASTE TYPE:	ACCUMULATED WASTE ON-SITE:	GENERATED WASTE ON-SITE:
BATTERIES	NO	YES
LAMPS	NO	YES
BATTERIES	NO	YES
LAMPS	NO	YES
BATTERIES	NO	YES
LAMPS	NO	YES
BATTERIES	NO	NOT REPORTED
LAMPS	NO	NOT REPORTED
PESTICIDES	NO	NOT REPORTED
MERCURY CONTAINING EQUIPMMENT	NO	NOT REPORTED
BATTERIES	YES	NO
LAMPS	YES	NO
MERCURY CONTAINING EQUIPMMENT	YES	NO
BATTERIES	YES	NO

## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

LAMPS	YES	NO
MERCURY CONTAINING EQUIPMENT	YES	NO
BATTERIES	YES	NO
LAMPS	YES	NO

### CORRECTIVE ACTION AREA

AREA NAME:	AIR RELEASE:	GROUNDWATER RELEASE:	SOIL RELEASE:	SURFACE WASTE RELEASE:
10 SWMUS & 3 AOCs	----	Y	Y	----
ENTIRE FACILITY	----	Y	Y	----
EDC STORAGE TANK	----	Y	Y	----
HAZARDOUS WASTE DRUM STORAGE PAD	----	Y	Y	----
SWMU 5 FLEXZONE TAR TRUCK UNLOADING AREA	----	Y	Y	----
SWMU 11E, FLEXZONE SUMP	----	Y	Y	----
SWMU 16, TOLUENE TAR TANK / FLEXZONE TANK	----	Y	Y	----
SWMU 11B, BHT/B9 SUMP	----	Y	Y	----
SWMU 11D, UDMH SUMP	----	Y	Y	----
SWMU 11F, NEUTRALIZATION SUMP	----	Y	Y	----
SWMU 11G, THIAZOLE SUMP	----	Y	Y	----
SWMU FP, FIRE POND DRUM AREA	----	Y	Y	----
AOC A, RAIL SPOT 18	----	Y	Y	----
AOC D, PROC. AREA STWTR DRAINAGE SYST.	----	Y	Y	----
SWMU SWB, SULFUR WASHOUT BASIN	----	Y	Y	----
SWMU HBT, HI-BOILING TAR DRUM. AREA SUMP	----	Y	Y	----
SWMU BMAT, FORMER BAY MINETTE ACID TANK	----	----	----	----
TANK PV-42 (THIAZOLES AREA)	----	Y	Y	----
TANK PR-202 (BHT/UDMH AREA)	----	Y	Y	----
TANK RV-10 (SULFUR RECOVERY UNIT)	----	Y	Y	----
FMR. INCINERATOR (SULFUR RECOVERY UNIT)	----	Y	Y	----
THIAZOLES INTERMEDIATE TANK FARM	----	Y	Y	----
SWMU 11A, CELOGEN OT SUMP	----	----	----	----
SWMU 11C, FLEXZONE POND	----	----	----	----

### CORRECTIVE ACTION EVENT

CA EVENT:	DATE:	EVENT DESCRIPTION:
CA050	19870930	RFA COMPLETED
CA060	20021104	NOTICE OF CONTAMINATION
CA070YE	19870930	DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NECESSARY
CA075ME	19920224	CA PRIORITIZATION-MEDIUM CA PRIORITY

## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

CA100	19910122	INVESTIGATION IMPOSITION
CA103	19910420	ADMINISTRATIVE FINDING AGAINST FACILITY
CA103	19910420	CONFIRMATORY SAMPLING NOV (WP OR RP)
CA103	19910420	CURRENT CONDITION REPORT RECD
CA103	19910420	CONFIRMATORY SAMPLING NOV (WP OR RP)
CA103	19910420	CURRENT CONDITION REPORT RECD
CA103	19910420	CURRENT CONDITION REPORT RECD
CA103	19910420	CURRENT CONDITION REPORT RECD
CA103	19910420	CURRENT CONDITION REPORT RECD
CA103	19910420	CURRENT CONDITION REPORT RECD
CA110	19910722	INVESTIGATION WORKPLAN RECEIVED
CA110	19980403	INVESTIGATION WORKPLAN RECEIVED
CA120	19980424	INVESTIGATION WORKPLAN MODIFICATION REQ BY AGENCY
CA140	19980424	INVESTIGATION WORKPLAN NOTICE OF DEFICIENCY ISSUED
CA146	19980722	ASSOCIATED SUP DOCUMENTS DUE/REC
CA146	19980722	RESPONSE TO RFI NOD RECEIVED
CA146	19980722	RESPONSE TO RFI NOD RECEIVED
CA146	19980722	ASSOCIATED SUP DOCUMENTS DUE/REC
CA146	19980722	RESPONSE TO RFI NOD RECEIVED
CA146	19980722	ASSOCIATED SUP DOCUMENTS DUE-REC
CA146	19980722	ASSOCIATED SUP DOCUMENTS DUE/REC
CA146	19980722	RESPONSE TO RFI NOD RECEIVED
CA146	19980722	ASSOCIATED SUP DOCUMENTS DUE/REC
CA146	19980722	ASSOCIATED SUP DOCUMENTS DUE/REC
CA150	19910925	INVESTIGATION WORKPLAN APPROVED
CA150	19980803	INVESTIGATION WORKPLAN APPROVED
CA190	19921209	INVESTIGATION REPORT RECEIVED
CA195	19990520	INVESTIGATION PROGRESS REPORTS RECEIVED
CA204M1	20090220	MEDIA CLEAN-UP GOALS APPROVAL - M01 REPORT
CA204M1	20090220	MEDIA CLEAN GOALS APPROVAL - M01 REPORT
CA204M1	20091218	MEDIA CLEAN-UP GOALS APPROVAL - M01 REPORT
CA204M1	20091218	MEDIA CLEAN GOALS APPROVAL - M01 REPORT
CA204M2	20091218	MEDIA CLEAN-UP GOALS APPROVAL - M02 REPORT
CA204M2	20091218	MEDIA CLEAN GOALS APPROVAL - M02 REPORT
CA225YE	19920922	STABILIZATION MEASURES EVALUATION-FACILITY IS AMENABLE TO STABILIZATION
CA350	20120306	CMS COMPLETE
CA375	20090512	INTERIM DECISION FOR NO FURTHER ACTION
CA375	20091218	INTERIM DECISION FOR NO FURTHER ACTION
CA400	20090512	REMEDY DECISION
CA400	20091218	REMEDY DECISION
CA550NR	20090512	REMEDY CONSTRUCTION-NO REMEDY CONSTRUCTED
CA550NR	20091218	REMEDY CONSTRUCTION-NO REMEDY CONSTRUCTED
CA725IN	19970729	HUMAN EXPOSURES CONTROLLED DETERMINATION-MORE INFORMATION NEEDED

## ***Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)***

CA725YE	20120309	HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
CA750IN	19970729	RELEASE TO GW CONTROLLED DETERMINATION-MORE INFORMATION NEEDED
CA750YE	20120309	RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
CA770GW	19870101	ENGINEERING CONTROL IN PLACE WITH INSTITUTIONAL CONTROL-GROUNDWATER TREATMENT
CA770GW	19870101	ENGINEERING CONTROLS ESTABLISHED-GROUNDWATER CONTROL
CA770NG	19910122	ENGINEERING CONTROLS ESTABLISHED-NON-GROUNDWATER CONTROL

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[Back to Report Summary](#)

## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

**MAP ID# 13**

Distance from Property: 0.99 mi. NE

### FACILITY INFORMATION

EPA ID#: LAD003913449

NAME: WESTLAKE VINYL COMPANY, LP

ADDRESS: 36045 HIGHWAY 30

GEISMAR, LA 70734

CONTACT NAME: JAMES E BEST

CONTACT ADDRESS: PO BOX 228

GEISMAR, LA 70734

CONTACT PHONE: 2256730635 627

NON-NOTIFIER: NOT A NON-NOTIFIER

DATE RECEIVED BY AGENCY: 04/22/2013

OWNER TYPE: PRIVATE

OWNER NAME: WESTLAKE VINYL COMPANY, LP

OPERATOR TYPE: PRIVATE

OPERATOR NAME: WESTLAKE VINYL COMPANY, LP

### CERTIFICATION

CERTIFICATION NAME:	CERTIFICATION TITLE:	CERTIFICATION SIGNED DATE:
JOHN V CASEY	PLANT MANAGER	20100219
JOHN V CASEY	PLANT MANAGER	20120224
JOHN V CASEY	PL MGR	20030113
JOHN V CASEY	PL MGR	20040602
JOHN V CASEY	PL MGR	20051007
JOHN V CASEY	PL MGR	20051007
JOHN V CASEY	PL MGR	20051007
JAMES BEST	PLANT MANAGER	20121226
JAMES BEST	PLANT MANAGER	20130314
JAMES BEST	PLANT MANAGER	20130422
NOT REPORTED	NOT REPORTED	NOT REPORTED
MARSHALL D OWENS	ENG. MANAGER	19920226
MARSHALL D OWENS	DIR OF MANUFAC	19940225
MARSHALL D OWENS	DIR. OF MANUFAC	19960219
MARSHALL D OWENS, JR	VPRESIDENT MFG	19980225
MARSHALL D OWENS	VP MANUFACTURIN	20000216
MARSHALL D OWENS, JR	SR VICE PRES OP	20020227
JOHN V CASEY	OPERATIONS MGR	20040209
JOHN V CASEY	PLANT MANAGER	20060213
JOHN V CASEY	OPERATION MGR	20080128

### INDUSTRY CLASSIFICATION (NAICS)

32511 - PETROCHEMICAL MANUFACTURING

32512 - INDUSTRIAL GAS MANUFACTURING

325199 - ALL OTHER BASIC ORGANIC CHEMICAL MANUFACTURING

325211 - PLASTICS MATERIAL AND RESIN MANUFACTURING

325311 - NITROGENOUS FERTILIZER MANUFACTURING

### SITE HISTORY (INCLUDES GENERATORS AND NON-GENERATORS)

DATE RECEIVED BY AGENCY: 11/19/1980

NAME: BORDEN CHEM & PLASTICS OPER LTD

GENERATOR CLASSIFICATION: NOT A GENERATOR



## ***Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)***

DATE RECEIVED BY AGENCY: 04/01/2010  
NAME: WESTLAKE VINYL COMPANY, LP  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

DATE RECEIVED BY AGENCY: 02/02/2012  
NAME: WESTLAKE VINYL COMPANY, LP  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

DATE RECEIVED BY AGENCY: 03/19/1991  
NAME: BORDEN CHEM & PLASTICS OPER LTD  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

DATE RECEIVED BY AGENCY: 02/24/1993  
NAME: BORDEN CHEM & PLASTICS OPER LTD  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

DATE RECEIVED BY AGENCY: 03/19/1991  
NAME: BORDEN CHEM & PLASTICS OPER LTD  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

DATE RECEIVED BY AGENCY: 10/30/2000  
NAME: BORDEN CHEM & PLASTICS OPER LTD  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

DATE RECEIVED BY AGENCY: 02/11/2003  
NAME: GEISMAR VINYL CO LP  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

DATE RECEIVED BY AGENCY: 06/02/2004  
NAME: GEISMAR VINYL CO LP  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

DATE RECEIVED BY AGENCY: 10/07/2005  
NAME: WESTLAKE VINYL CO LP  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

DATE RECEIVED BY AGENCY: 10/07/2005  
NAME: WESTLAKE VINYL CO LP  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

DATE RECEIVED BY AGENCY: 10/07/2005  
NAME: WESTLAKE VINYL CO LP  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

DATE RECEIVED BY AGENCY: 12/26/2012  
NAME: WESTLAKE VINYL COMPANY, LP  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

DATE RECEIVED BY AGENCY: 03/14/2013  
NAME: WESTLAKE VINYL COMPANY, LP  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

DATE RECEIVED BY AGENCY: 04/22/2013  
NAME: WESTLAKE VINYL COMPANY, LP  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

DATE RECEIVED BY AGENCY: 03/01/1990  
NAME: BORDEN CHEMICAL  
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

## **Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)**

DATE RECEIVED BY AGENCY: 02/26/1992  
NAME: **BORDEN CHEMICALS & PLASTICS**  
GENERATOR CLASSIFICATION: **CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR**  
DATE RECEIVED BY AGENCY: 02/25/1994  
NAME: **BORDEN CHEMICALS AND PLASTICS**  
GENERATOR CLASSIFICATION: **CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR**  
DATE RECEIVED BY AGENCY: 02/19/1996  
NAME: **BORDEN CHEMICALS & PLASTICS**  
GENERATOR CLASSIFICATION: **CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR**  
DATE RECEIVED BY AGENCY: 02/25/1998  
NAME: **BORDEN CHEMICALS & PLASTICS, OLP (BCP)**  
GENERATOR CLASSIFICATION: **CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR**  
DATE RECEIVED BY AGENCY: 02/16/2000  
NAME: **BORDEN CHEMICALS AND PLASTICS**  
GENERATOR CLASSIFICATION: **CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR**  
DATE RECEIVED BY AGENCY: 02/27/2002  
NAME: **BORDEN CHEMICALS & PLASTICS OPERATING LI**  
GENERATOR CLASSIFICATION: **CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR**  
DATE RECEIVED BY AGENCY: 02/09/2004  
NAME: **GEISMAR VINYL COMPANY, LP**  
GENERATOR CLASSIFICATION: **CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR**  
DATE RECEIVED BY AGENCY: 02/13/2006  
NAME: **WESTLAKE VINYL COMPANY, LP.**  
GENERATOR CLASSIFICATION: **CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR**  
DATE RECEIVED BY AGENCY: 01/28/2008  
NAME: **WESTLAKE VINYL COMPANY, LP**  
GENERATOR CLASSIFICATION: **CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR**

### ACTIVITY INFORMATION

GENERATOR STATUS: **LARGE QUANTITY GENERATOR**  
SUBJECT TO CORRECTIVE ACTION UNIVERSE: **YES**  
TDSFs POTENTIALLY SUBJECT TO CORRECTIVE ACTION UNDER 3004 (u)/(v) UNIVERSE: **YES**  
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: **YES**  
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

1987/03/04 CEI COMPLIANCE EVALUATION INSPECTION ON-SITE

## **Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)**

1987/11/30	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1988/03/11	FRR FINANCIAL RECORD REVIEW
1988/04/22	FRR FINANCIAL RECORD REVIEW
1989/05/09	FCI FOCUSED COMPLIANCE INSPECTION
1989/05/18	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1990/01/16	NRR NON-FINANCIAL RECORD REVIEW
1991/03/27	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1991/09/20	NRR NON-FINANCIAL RECORD REVIEW
1991/12/20	FCI FOCUSED COMPLIANCE INSPECTION
1992/02/24	SNY SIGNIFICANT NON-COMPLIER
1992/03/16	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1992/06/17	SNY SIGNIFICANT NON-COMPLIER
1992/10/21	GME GROUNDWATER MONITORING EVALUATION
1993/03/10	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1993/03/10	CSE COMPLIANCE SCHEDULE EVALUATION
1993/04/01	SNN NOT A SIGNIFICANT NON-COMPLIER
1994/06/16	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1994/10/27	SNY SIGNIFICANT NON-COMPLIER
1995/02/09	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1995/09/26	CAC CORRECTIVE ACTION COMPLIANCE EVALUATION
1995/10/12	CAC CORRECTIVE ACTION COMPLIANCE EVALUATION
1995/10/26	CSE COMPLIANCE SCHEDULE EVALUATION
1996/03/04	CAC CORRECTIVE ACTION COMPLIANCE EVALUATION
1996/03/04	SNY SIGNIFICANT NON-COMPLIER
1997/05/03	CDI CASE DEVELOPMENT INSPECTION
1997/05/03	FCI FOCUSED COMPLIANCE INSPECTION
1997/06/10	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1997/06/10	FCI FOCUSED COMPLIANCE INSPECTION
1997/06/13	FCI FOCUSED COMPLIANCE INSPECTION
1997/06/18	FCI FOCUSED COMPLIANCE INSPECTION
1997/08/13	CSE COMPLIANCE SCHEDULE EVALUATION
1997/12/18	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1998/08/04	FCI FOCUSED COMPLIANCE INSPECTION
1998/09/24	FCI FOCUSED COMPLIANCE INSPECTION
1999/02/25	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1999/02/26	FCI FOCUSED COMPLIANCE INSPECTION
1999/10/21	FCI FOCUSED COMPLIANCE INSPECTION
1999/11/16	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2000/01/18	FCI FOCUSED COMPLIANCE INSPECTION
2000/10/25	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2000/10/26	FCI FOCUSED COMPLIANCE INSPECTION
2001/02/05	FCI FOCUSED COMPLIANCE INSPECTION
2001/08/23	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2001/11/06	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2002/07/31	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE

## **Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)**

2002/10/22	SNN NOT A SIGNIFICANT NON-COMPLIER
2004/05/11	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2005/09/27	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2008/03/25	CEI COMPLIANCE EVALUATION INSPECTION ON-SITE

### VIOLATIONS

1987/03/04	264.A TSD - GENERAL
1989/05/09	268.A LDR - GENERAL
1989/05/18	264.A TSD - GENERAL
1990/01/16	264.A TSD - GENERAL
1991/04/12	262.A GENERATORS - GENERAL
1992/02/24	262.A GENERATORS - GENERAL
1992/02/24	262.B GENERATORS - MANIFEST
1992/02/24	262.D GENERATORS - RECORDS/REPORTING
1992/02/24	264.A TSD - GENERAL
1992/06/17	262.A GENERATORS - GENERAL
1992/06/17	262.C GENERATORS - PRE-TRANSPORT
1992/06/17	262.D GENERATORS - RECORDS/REPORTING
1992/06/17	264.A TSD - GENERAL
1992/06/17	264.G TSD - CLOSURE/POST-CLOSURE
1992/06/17	264.H TSD - FINANCIAL REQUIREMENTS
1992/06/17	264.I TSD - CONTAINER USE AND MANAGEMENT
1992/06/17	264.J TSD - TANK SYSTEM STANDARDS
1992/06/17	264.O TSD - INCINERATOR STANDARDS
1994/06/16	262.A GENERATORS - GENERAL
1994/10/27	262.A GENERATORS - GENERAL
1994/10/27	262.C GENERATORS - PRE-TRANSPORT
1994/10/27	264.A TSD - GENERAL
1998/08/04	266.H SPECIFIC - BOILERS AND INDUSTRIAL FURNACES
2000/10/25	264.I TSD - CONTAINER USE AND MANAGEMENT
2000/10/25	264.J TSD - TANK SYSTEM STANDARDS
2004/05/11	262.A GENERATORS - GENERAL
2005/09/27	262.A GENERATORS - GENERAL
2005/09/27	262.C GENERATORS - PRE-TRANSPORT
2005/09/27	262.D GENERATORS - RECORDS/REPORTING
2008/03/25	262.C GENERATORS - PRE-TRANSPORT
2008/03/25	279.C USED OIL - GENERATORS

### ENFORCEMENTS

1987/05/21	310 FINAL 3008(A) COMPLIANCE ORDER
1989/06/28	120 WRITTEN INFORMAL
1989/10/16	120 WRITTEN INFORMAL
1990/02/22	310 FINAL 3008(A) COMPLIANCE ORDER
1991/07/18	120 WRITTEN INFORMAL
1992/05/06	310 FINAL 3008(A) COMPLIANCE ORDER
1992/05/20	127 FACILITY APPEALED

## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

1992/12/10	240 INIT. 3008(H) I.S. CA ORDER
1992/12/10	420 REFERRAL TO DEPARTMENT OF JUSTICE
1994/10/27	510 INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
1994/10/28	120 WRITTEN INFORMAL
1999/02/23	120 WRITTEN INFORMAL
2001/02/12	120 WRITTEN INFORMAL
2002/10/22	620 FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT
2004/11/22	310 FINAL 3008(A) COMPLIANCE ORDER
2004/12/28	127 FACILITY APPEALED
2006/01/16	120 WRITTEN INFORMAL
2008/06/05	120 WRITTEN INFORMAL

### HAZARDOUS WASTE

D001	IGNITABLE WASTE
D007	CHROMIUM
K019	HEAVY ENDS FROM THE DISTILLATION OF ETHYLENE DICHLORIDE IN ETHYLENE DICHLORIDE PRODUCTION.
K020	HEAVY ENDS FROM THE DISTILLATION OF VINYL CHLORIDE IN VINYL CHLORIDE MONOMER PRODUCTION.
U122	FORMALDEHYDE
U154	METHANOL (I)
U154	METHYL ALCOHOL (I)
D001	IGNITABLE WASTE
D002	CORROSIVE WASTE
D022	CHLOROFORM
D028	1,2-DICHLOROETHANE
D035	METHYL ETHYL KETONE
U077	ETHANE, 1,2-DICHLORO-
U077	ETHYLENE DICHLORIDE
D001	IGNITABLE WASTE
D002	CORROSIVE WASTE
D007	CHROMIUM
D008	LEAD
D009	MERCURY
D018	BENZENE
D022	CHLOROFORM
D028	1,2-DICHLOROETHANE
D043	VINYL CHLORIDE
F025	CONDENSED LIGHT ENDS, SPENT FILTERS AND FILTER AIDS, AND SPENT DESICCANT WASTES FROM THE PRODUCTION OF CERTAIN CHLORINATED ALIPHATIC HYDROCARBONS, BY FREE RADICAL CATALYZED PROCESSES. THESE CHLORINATED ALIPHATIC HYDROCARBONS ARE THOSE HAVING CARBON CHAIN LENGTHS RANGING FROM ONE, TO AND INCLUDING FIVE, WITH VARYING AMOUNTS AND POSITIONS OF CHLORINE SUBSTITUTION.
K019	HEAVY ENDS FROM THE DISTILLATION OF ETHYLENE DICHLORIDE IN ETHYLENE DICHLORIDE PRODUCTION.
K020	HEAVY ENDS FROM THE DISTILLATION OF VINYL CHLORIDE IN VINYL CHLORIDE MONOMER PRODUCTION.
U002	2-PROPANONE (I)
U002	ACETONE (I)
U057	CYCLOHEXANONE (I)
U080	METHANE, DICHLORO-

## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

U080	METHYLENE CHLORIDE
U122	FORMALDEHYDE
U154	METHANOL (I)
U154	METHYL ALCOHOL (I)
U159	2-BUTANONE (I,T)
U159	METHYL ETHYL KETONE (MEK) (I,T)
U213	FURAN, TETRAHYDRO-(I)
U213	TETRAHYDROFURAN (I)
U220	BENZENE, METHYL-
U220	TOLUENE
U226	ETHANE, 1,1,1-TRICHLORO-
U226	METHYL CHLOROFORM
D001	IGNITABLE WASTE
D002	CORROSIVE WASTE
D005	BARIUM
D006	CADMIUM
D007	CHROMIUM
D008	LEAD
D009	MERCURY
D013	LINDANE (1,2,3,4,5,6-HEXACHLOROCYCLOHEXANE,GAMMA ISOMER)
D018	BENZENE
D019	CARBON TETRACHLORIDE
D022	CHLOROFORM
D028	1,2-DICHLOROETHANE
D029	1,1-DICHLOROETHYLENE
D033	HEXACHLOROBUTADIENE
D035	METHYL ETHYL KETONE
D037	PENTACHLOROPHENOL
D039	TETRACHLOROETHYLENE
D040	TRICHLORETHYLENE
D043	VINYL CHLORIDE
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.
K019	HEAVY ENDS FROM THE DISTILLATION OF ETHYLENE DICHLORIDE IN ETHYLENE DICHLORIDE PRODUCTION.
K020	HEAVY ENDS FROM THE DISTILLATION OF VINYL CHLORIDE IN VINYL CHLORIDE MONOMER PRODUCTION.
P105	SODIUM AZIDE
U002	2-PROPANONE (I)
U002	ACETONE (I)
U057	CYCLOHEXANONE (I)
U070	BENZENE, 1,2-DICHLORO-
U070	O-DICHLOROBENZENE
U077	ETHANE, 1,2-DICHLORO-
U077	ETHYLENE DICHLORIDE
U080	METHANE, DICHLORO-

## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

U080	METHYLENE CHLORIDE
U107	1,2-BENZENEDICARBOXYLIC ACID, DIOCTYL ESTER
U107	DI-N-OCTYL PHTHALATE
U122	FORMALDEHYDE
U151	MERCURY
U154	METHANOL (I)
U154	METHYL ALCOHOL (I)
U159	2-BUTANONE (I,T)
U159	METHYL ETHYL KETONE (MEK) (I,T)
U201	1,3-BENZENEDIOL
U201	RESORCINOL
U213	FURAN, TETRAHYDRO-(I)
U213	TETRAHYDROFURAN (I)
U220	BENZENE, METHYL-
U220	TOLUENE
U226	ETHANE, 1,1,1-TRICHLORO-
U226	METHYL CHLOROFORM
D001	IGNITABLE WASTE
D002	CORROSIVE WASTE
D004	ARSENIC
D005	BARIUM
D006	CADMIUM
D007	CHROMIUM
D008	LEAD
D009	MERCURY
D013	LINDANE (1,2,3,4,5,6-HEXACHLOROCYCLOHEXANE,GAMMA ISOMER)
D018	BENZENE
D019	CARBON TETRACHLORIDE
D022	CHLOROFORM
D028	1,2-DICHLOROETHANE
D029	1,1-DICHLOROETHYLENE
D033	HEXACHLOROBUTADIENE
D035	METHYL ETHYL KETONE
D037	PENTACHLOROPHENOL
D039	TETRACHLOROETHYLENE
D040	TRICHLORETHYLENE
D043	VINYL CHLORIDE
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.

## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

F024 PROCESS WASTES INCLUDING, BUT NOT LIMITED TO, DISTILLATION RESIDUES, HEAVY ENDS, TARS, AND REACTOR CLEAN-OUT WASTES, FROM THE PRODUCTION OF CERTAIN CHLORINATED ALIPHATIC HYDROCARBONS BY FREE RADICAL CATALYZED PROCESSES. THESE CHLORINATED ALIPHATIC HYDROCARBONS ARE THOSE HAVING CARBON CHAIN LENGTHS RANGING FROM ONE TO AND INCLUDING FIVE, WITH VARYING AMOUNTS AND POSITIONS OF CHLORINE SUBSTITUTION. (THIS LISTING DOES NOT INCLUDE WASTEWATERS, WASTEWATER TREATMENT SLUDGE, SPENT CATALYSTS, AND WASTES LISTED IN SECTIONS 261.31. OR 261.32)

F025 CONDENSED LIGHT ENDS, SPENT FILTERS AND FILTER AIDS, AND SPENT DESICCANT WASTES FROM THE PRODUCTION OF CERTAIN CHLORINATED ALIPHATIC HYDROCARBONS, BY FREE RADICAL CATALYZED PROCESSES. THESE CHLORINATED ALIPHATIC HYDROCARBONS ARE THOSE HAVING CARBON CHAIN LENGTHS RANGING FROM ONE, TO AND INCLUDING FIVE, WITH VARYING AMOUNTS AND POSITIONS OF CHLORINE SUBSTITUTION.

K019 HEAVY ENDS FROM THE DISTILLATION OF ETHYLENE DICHLORIDE IN ETHYLENE DICHLORIDE PRODUCTION.

K020 HEAVY ENDS FROM THE DISTILLATION OF VINYL CHLORIDE IN VINYL CHLORIDE MONOMER PRODUCTION.

K175

P105 SODIUM AZIDE

U002 2-PROPANONE (I)

U002 ACETONE (I)

U057 CYCLOHEXANONE (I)

U070 BENZENE, 1,2-DICHLORO-

U070 O-DICHLOROBENZENE

U077 ETHANE, 1,2-DICHLORO-

U077 ETHYLENE DICHLORIDE

U080 METHANE, DICHLORO-

U080 METHYLENE CHLORIDE

U107 1,2-BENZENEDICARBOXYLIC ACID, DIOCTYL ESTER

U107 DI-N-OCTYL PHTHALATE

U151 MERCURY

U154 METHANOL (I)

U154 METHYL ALCOHOL (I)

U159 2-BUTANONE (I,T)

U159 METHYL ETHYL KETONE (MEK) (I,T)

U201 1,3-BENZENEDIOL

U201 RESORCINOL

U213 FURAN, TETRAHYDRO-(I)

U213 TETRAHYDROFURAN (I)

U220 BENZENE, METHYL-

U220 TOLUENE

U226 ETHANE, 1,1,1-TRICHLORO-

U226 METHYL CHLOROFORM

### UNIVERSAL WASTE

WASTE TYPE:	ACCUMULATED WASTE ON-SITE:	GENERATED WASTE ON-SITE:
BATTERIES	NO	YES
LAMPS	NO	YES
MERCURY CONTAINING EQUIPMENT	NO	YES
BATTERIES	NO	YES
LAMPS	NO	YES
MERCURY CONTAINING EQUIPMENT	NO	YES



## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

BATTERIES	NO	YES
LAMPS	NO	YES
MERCURY CONTAINING EQUIPMENT	NO	YES
BATTERIES	NO	YES
LAMPS	NO	YES
MERCURY CONTAINING EQUIPMENT	NO	YES
BATTERIES	NO	YES
LAMPS	NO	YES
MERCURY CONTAINING EQUIPMENT	NO	YES
BATTERIES	NO	YES
LAMPS	NO	YES
MERCURY CONTAINING EQUIPMENT	NO	YES

### CORRECTIVE ACTION AREA

AREA NAME:	AIR RELEASE:	GROUNDWATER RELEASE:	SOIL RELEASE:	SURFACE WASTE RELEASE:
MERCURY CONTAMINATION AREA ----		----	Y	----
S ZONE ----		Y	----	----
NORCO AQUIFER ----		Y	----	----
SOIL & SHALLOW GROUND WATER ----		Y	Y	----
ENTIRE FACILITY ----		Y	Y	----
SWMU 2, VCM-A BULLET TANK ----		Y	Y	----
SWMU 3, VCR DAY TANK, V-8206 ----		Y	----	----
SWMU 5, DEEP WELL SURGE TANK, TK8601 ----		Y	----	----
SWMU 6, ABSORBER PH PIT (LIME PIT) ----		Y	----	----
SWMU 8, FMR ABS IMP DWATERING AREA ----		Y	----	----
SWMU 9, BACKWASH IMPOUNDMENT ----		Y	----	----
SWMU 15, FIRST FLUSH STORMWATER IMPOUND ----		Y	----	----
SWMU 17, VCM SECONDARY VENT INCINERATOR ----		Y	----	----
SWMU 18, VCM PRIMARY VENT INCINERATOR ----		Y	----	----
SWMU 19, VCR PROCESS UNIT ----		Y	----	----
SWMU 24, DEEP WELL SAND FILTERS #1-4 ----		Y	----	----
SWMU 28, DEEP WELL GUARD FILTERS #1 ----		Y	----	----
SWMU 29, DEEP WELL GUARD FILTERS #2 ----		Y	----	----
SWMU 30, DEEP WELL GUARD FILTERS #3 ----		Y	----	----
SWMU 31, DEEP WELL GUARD FILTER #4 ----		Y	----	----
SWMU 34, AERATION TANK TK- 8307 ----		Y	Y	----

## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

SWMU 36, CLARIFIER TANK TK-8308	----	Y	Y	----
SWMU 38, VCM-A NON-PROCESS WASTEWATER TU	----	Y	----	----
SWMU 44, FORMER HAZARDOUS WASTE CSA	----	Y	Y	----
SWMU 48, PORTABLE FRAC TANKS	----	Y	----	----
SWMU 53, RAILROAD CAR WASHOUT SUMP	----	Y	----	----
SWMU 54, FORMER VCM-E EDC BREAK TANK	----	Y	----	----
SWMU 55, BIOPLANT CARBON TREATMENT SYSTE	----	Y	----	----
SWMU 61, RAILCAR WASHOUT TANK	----	Y	----	----
SWMU 65, OIL TANKS - 3 IN NORTH POND	----	Y	----	----
MARINE LOADING FACILITY EDC LOADING LINE	----	----	----	----
SWMU 13, N DITCH STORMWATER DRAINAGE SYS	----	Y	----	----
SWMU 4, VCM-E HEAVY ENDS TANK, TK-7615A	----	Y	----	----
SWMU 1, VCM-E LIQUID SPHERE TK-7412A	----	Y	Y	----
SWMU 7, ABSORBER IMPOUNDMENT	----	Y	Y	----
SWMU 10, S IMPDMT & WOODLINED DITCH EXT.	----	Y	Y	----
SWMU 11, FRMER S IMPDMNT DEWATERING AREA	----	Y	Y	----
SWMU 12, NORTH IMPOUNDMENT	----	Y	Y	----
SWMU 14, FRMER N IMPNDMT DEWATERING AREA	----	Y	Y	----
SWMU 43, HW CONTAINER STORAGE AREA	----	Y	Y	----
SWMU 45, CENT PROC WW COLL TRENCH, WD PT	----	Y	Y	----
SWMU 63, MERCURIC CHLOR CAT DRUM AC AREA	----	Y	Y	----
SWMU 67, CONE PENETROMETER NO. 7 AREA	----	Y	Y	----
SWMU 68, SP-03 AREA	----	Y	Y	----

### CORRECTIVE ACTION EVENT

CA EVENT:	DATE:	EVENT DESCRIPTION:
CA050	19870331	RFA COMPLETED
CA070YE	19870331	DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NECESSARY
CA075HI	19920514	CA PRIORITIZATION-HIGH CA PRIORITY
CA075HI	19930930	CA PRIORITIZATION-HIGH CA PRIORITY
CA100	19980611	INVESTIGATION IMPOSITION

## Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)

CA100	19980611	INVESTIGATION IMPOSITION
CA100	19980611	INVESTIGATION IMPOSITION
CA100	19980611	INVESTIGATION IMPOSITION
CA100	19980611	INVESTIGATION IMPOSITION
CA110	19980713	INVESTIGATION WORKPLAN RECEIVED
CA110	19980807	INVESTIGATION WORKPLAN RECEIVED
CA110	19980807	INVESTIGATION WORKPLAN RECEIVED
CA110	19981008	INVESTIGATION WORKPLAN RECEIVED
CA155	19990414	INVESTIGATION SUPPLEMENTAL INFO REQ BY AGENCY
CA160	19991222	INVESTIGATION SUPPLEMENTAL INFORMATION RECEIVED
CA200	20020204	INVESTIGATION COMPLETE
CA200	20011101	INVESTIGATION COMPLETE
CA200	20021001	INVESTIGATION COMPLETE
CA204M2	20111018	MEDIA CLEAN-UP GOALS APPROVAL - M02 REPORT
CA204M2	20111018	MEDIA CLEAN GOALS APPROVAL - M02 REPORT
CA375	20090630	INTERIM DECISION FOR NO FURTHER ACTION
CA375	20090630	INTERIM DECISION FOR NO FURTHER ACTION
CA375	20090630	INTERIM DECISION FOR NO FURTHER ACTION
CA375	20090819	INTERIM DECISION FOR NO FURTHER ACTION
CA375	20090819	INTERIM DECISION FOR NO FURTHER ACTION
CA400	20090630	REMEDY DECISION
CA400	20090819	REMEDY DECISION
CA400	20090819	REMEDY DECISION
CA400	20120702	REMEDY DECISION
CA550NR	20090630	REMEDY CONSTRUCTION-NO REMEDY CONSTRUCTED
CA550NR	20090819	REMEDY CONSTRUCTION-NO REMEDY CONSTRUCTED
CA550NR	20090819	REMEDY CONSTRUCTION-NO REMEDY CONSTRUCTED
CA600OT	20121018	STABILIZATION/INTERIM MEASURES DECISION-OTHER
CA624	20000225	-MISSING EVENT NAME-
CA624	20000225	STABILIZATION MEASURES REPORT RECEIVED
CA624	20000225	STABILIZATION MEASURES REPORT RECEIVED
CA624	20000225	STABILIZATION MEASURES REPORT RECEIVED
CA624	20000225	STAB MEASURES REPORT RECD
CA624	20000225	STABILIZATION MEASURES REPORT RECD
CA624	20000225	STABILIZATION MEASURES REPORT RECEIVED
CA624	20000225	STABALIZATION MEASURES REPORT RECEIVED
CA650	20020204	STABILIZATION CONSTRUCTION COMPLETED
CA725IN	19960919	HUMAN EXPOSURES CONTROLLED DETERMINATION-MORE INFORMATION NEEDED
CA725IN	19991220	HUMAN EXPOSURES CONTROLLED DETERMINATION-MORE INFORMATION NEEDED
CA725YE	20041213	HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
CA750IN	19960919	RELEASE TO GW CONTROLLED DETERMINATION-MORE INFORMATION NEEDED
CA750IN	19991220	RELEASE TO GW CONTROLLED DETERMINATION-MORE INFORMATION NEEDED

## ***Resource Conservation & Recovery Act - Corrective Action Facilities (RCRAC)***

CA750YE	20010330	RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
CA770GW	19980101	ENGINEERING CONTROL IN PLACE WITH INSTITUTIONAL CONTROL- GROUNDWATER TREATMENT
CA770GW	19980101	ENGINEERING CONTROLS ESTABLISHED-GROUNDWATER CONTROL
CA770NG	20041213	ENGINEERING CONTROLS ESTABLISHED-NON-GROUNDWATER CONTROL
CA772ID	20080716	INSTITUTIONAL CONTROL EVALUATED, SELECTED & IMPLEMENTED - INFORMATION DEVICE
CA772ID	20080716	INSTITUTIONAL CONTROLS ESTABLISHED-INFORMATIONAL DEVICE
CA999NF	20020327	CA PROCESS IS TERMINATED-NO FURTHER ACTION

[Back to Report Summary](#)

## Report Summary of Unlocatable Sites

Database Type	Site ID#	Site Name	Address	City	Zip Code
<a href="#">RCRAGR06</a>	LAD985207513*G	US MACHINE SHOP	FREEZE RD 500 FT N HWY 73	GEISMAR	70734
<a href="#">CPI</a>	69084*CPI	CSX NGL RIVERSIDE GAS PLANT	HWY 75 RIVER RD	GEISMAR	70734
<a href="#">UST</a>	69084	CSX NGL RIVERSIDE GAS PLANT	HWY 75 RIVER RD	GEISMAR	70734
<a href="#">PCSR06</a>	LA0034584*NPDE S	VULCAN MATERIALS GEISMAR PLANT		GEISMAR	

## Resource Conservation & Recovery Act - Generator Facilities (RCRAGR06)

### **FACILITY INFORMATION**

EPA ID#: **LAD985207513\*G**

NAME:

ADDRESS:

CONTACT NAME:

CONTACT ADDRESS:

CONTACT PHONE:

NON-NOTIFIER:

DATE RECEIVED BY AGENCY:

CERTIFICATION - **NO CERTIFICATION REPORTED -**

INDUSTRY CLASSIFICATION (NAICS) - **NO NAICS INFORMATION REPORTED -**

#### ACTIVITY INFORMATION

GENERATOR STATUS:

SUBJECT TO CORRECTIVE ACTION UNIVERSE: **UNKNOWN**

TDSFs POTENTIALLY SUBJECT TO CORRECTIVE ACTION UNDER 3004 (u)/(v) UNIVERSE: **UNKNOWN**

TDSFs ONLY SUBJECT TO CORRECTIVE ACTION UNDER DISCRETIONARY AUTHORITIES UNIVERSE: **UNKNOWN**

NON TDSFs WHERE RCRA CORRECTIVE ACTION HAS BEEN IMPOSED UNIVERSE:

CORRECTIVE ACTION WORKLOAD UNIVERSE: **UNKNOWN**

IMPORTER: **NOT REPORTED**

UNDERGROUND INJECTION: **NOT REPORTED**

MIXED WASTE GENERATOR: **NOT REPORTED**

UNIVERSAL WASTE DESTINATION FACILITY: **NOT REPORTED**

RECYCLER: **NOT REPORTED**

TRANSFER FACILITY: **NOT REPORTED**

TRANSPORTER: **NOT REPORTED**

USED OIL FUEL BURNER: **NOT REPORTED**

ONSITE BURNER EXEMPTION: **NOT REPORTED**

USED OIL PROCESSOR: **NOT REPORTED**

FURNACE EXEMPTION: **NOT REPORTED**

USED OIL FUEL MARKETER TO BURNER: **NOT REPORTED**

USED OIL REFINER: **NOT REPORTED**

SPECIFICATION USED OIL MARKETER: **NOT REPORTED**

USED OIL TRANSFER FACILITY: **NOT REPORTED**

USED OIL TRANSPORTER: **NOT REPORTED**

#### COMPLIANCE, MONITORING AND ENFORCEMENT INFORMATION

EVALUATIONS - **NO EVALUATIONS REPORTED -**

VIOLATIONS - **NO VIOLATIONS REPORTED -**

ENFORCEMENTS - **NO ENFORCEMENTS REPORTED -**

#### HAZARDOUS WASTE

- **NO HAZARDOUS WASTE INFORMATION REPORTED -**

UNIVERSAL WASTE - **NO UNIVERSAL WASTE REPORTED -**

CORRECTIVE ACTION AREA - **NO CORRECTIVE ACTION AREA INFORMATION REPORTED -**

CORRECTIVE ACTION EVENT - **NO CORRECTIVE ACTION EVENT REPORTED -**

[Back to Report Summary of Unlocatable Sites](#)

## ***Confirmed and Potential Sites Inventory (CPI)***

### **FACILITY INFORMATION**

FACILITY ID: 69084\*CPI

NAME:

ADDRESS:

,

PARISH:

STATUS:

---

[Back to Report Summary of Unlocatable Sites](#)

## Underground Storage Tanks (UST)

### FACILITY INFORMATION

AI#: 69084  
ID#: 03006567  
NAME: CSX NGL RIVERSIDE GAS PLANT  
ADDRESS: HWY 75 RIVER RD  
GEISMAR, LA 70734  
PARISH: NOT REPORTED

### FACILITY DETAILS

TANK ID: 17899  
INSTALLED DATE: 5-JUN-71  
TANK STATUS: REMOVED  
TOTAL CAPACITY (GAL): 280  
GASOLINE: YES  
DIESEL: NO  
KEROSENE: NO  
HEATING OIL: NO  
NEW OR USED OIL: NO  
OTHER SUBSTANCE: NO  
ASPHALT/COALT: NO  
CATHODICALLY PROTECTIVE STEEL: NO  
CONCRETE: NO  
OTHER MATERIALS: NO  
PIPING METHOD: NOT REPORTED  
COMMENTS: NOT REPORTED

TANK ID: 17898  
INSTALLED DATE: 5-JUN-71  
TANK STATUS: REMOVED  
TOTAL CAPACITY (GAL): 280  
GASOLINE: YES  
DIESEL: NO  
KEROSENE: NO  
HEATING OIL: NO  
NEW OR USED OIL: NO  
OTHER SUBSTANCE: NO  
ASPHALT/COALT: NO  
CATHODICALLY PROTECTIVE STEEL: NO  
CONCRETE: NO  
OTHER MATERIALS: NO  
PIPING METHOD: NOT REPORTED  
COMMENTS: NOT REPORTED

### OWNER INFORMATION

OWNER ID #:  
NAME: NOT REPORTED  
ADDRESS: NOT REPORTED  
CITY NOT REPORTED  
PHONE: NOT REPORTED

EPOXY COATED STEEL: NO  
COMPOSITE: NO  
FIBERGLASS: NO  
LINED INTERIOR: NO  
DOUBLE WALLED: NO  
POLYETHYLENE JACKET: NO  
EXCAVATION LINER: NO  
UNKNOWN MATERIAL: NO

EPOXY COATED STEEL: NO  
COMPOSITE: NO  
FIBERGLASS: NO  
LINED INTERIOR: NO  
DOUBLE WALLED: NO  
POLYETHYLENE JACKET: NO  
EXCAVATION LINER: NO  
UNKNOWN MATERIAL: NO

[Back to Report Summary of Unlocatable Sites](#)



## Permit Compliance System (PCSR06)

### **FACILITY INFORMATION**

PERMIT #: LA0034584\*NPDES

NAME:

PHYSICAL ADDRESS:

FACILITY TYPE:

PERMIT TYPE:

PERMIT EXPIRED:

RECEIVING WATERS:

STANDARD INDUSTRIAL CODE:

### **INSPECTIONS**

- NO INSPECTIONS REPORTED -

### **HISTORIC COMPLIANCE**

- NO HISTORIC COMPLIANCE REPORTED -

### **EFFLUENT VIOLATIONS**

- NO EFFLUENT VIOLATIONS REPORTED -

### **SINGLE EVENT VIOLATIONS**

- NO SINGLE EVENT VIOLATIONS REPORTED -

### **COMPLIANCE SCHEDULE VIOLATIONS**

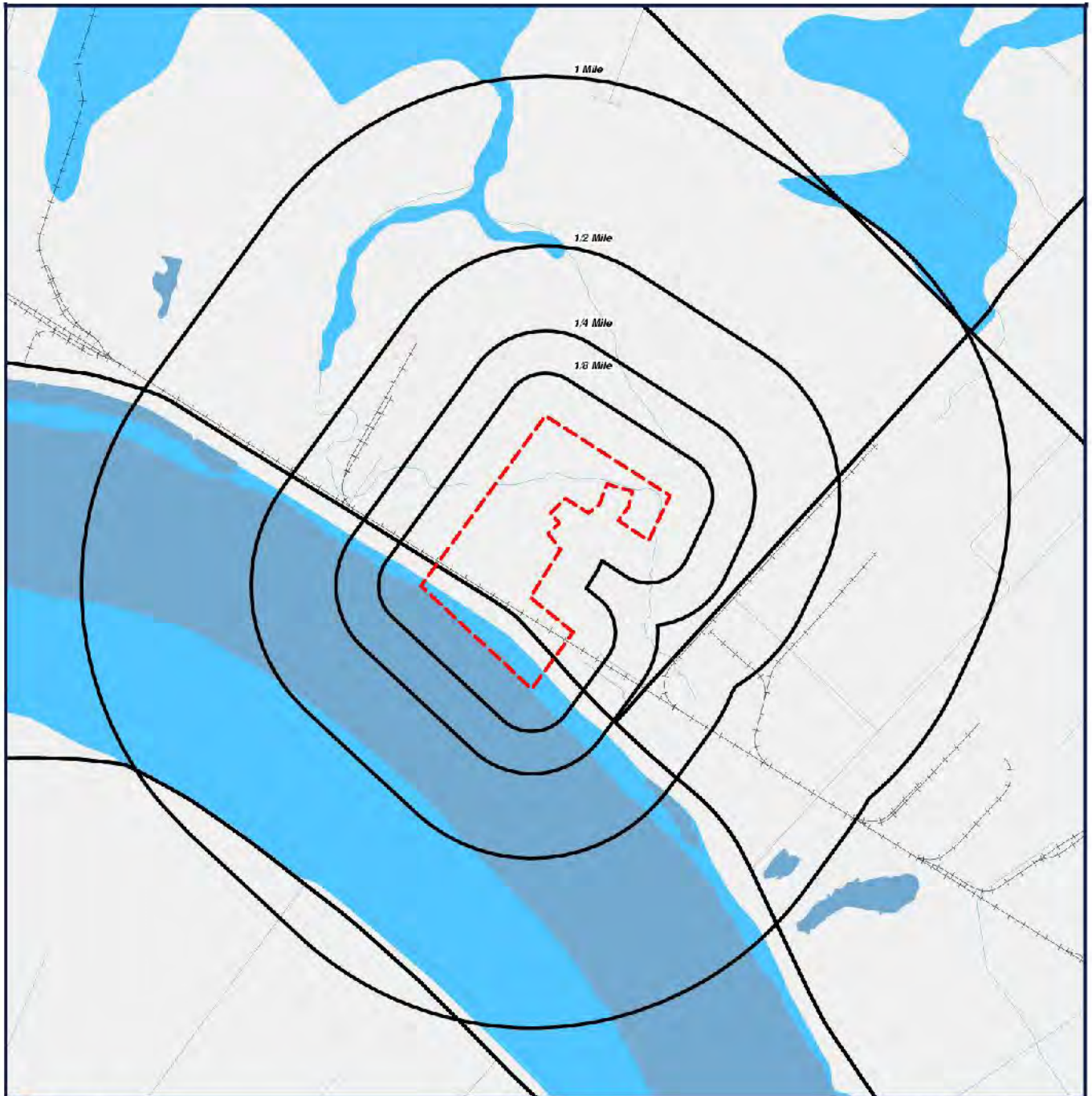
- NO COMPLIANCE SCHEDULE VIOLATIONS REPORTED -

### **ENFORCEMENT ACTIONS AND PENALTIES**

- NO ENFORCEMENT ACTIONS AND PENALTIES REPORTED -

[Back to Report Summary of Unlocatable Sites](#)

# FEMA Map



Target Property (TP)

**Barber Bros.  
GEISMAR, Louisiana  
70734**

Panel #: 2200130100B

	ZONE A		ZONE X
	ZONE AE		ZONE X500
	ZONE AH		NDA - DIGITAL DATA NOT AVAILABLE
	ZONE ANI		
	ZONE D		
	ZONE UNDES		
	ZONE V		
	ZONE VE		



0' 1200' 2400' 3600'  
SCALE: 1" = 2400'

[Click here to access Satellite view](#)

**GeoSearch** [www.geo-search.com](http://www.geo-search.com) 888-396-0042

## FEMA Report

### FEMA - Federal Emergency Management Agency

The information used in this report is derived from the Federal Emergency Management Agency (FEMA). The Q3 Flood Data is developed by electronically scanning the current effective map panels of existing paper Flood Insurance Rate Maps (FIRMs). Certain key features are digitally captured and then converted into area features, such as floodplain boundaries. Q3 Flood Data captures certain key features from the existing paper FIRMs, including:

- 100-year and 500-year (1% and 0.2% annual chance) floodplain areas, including Zone V areas, certain floodway areas (when present on the FIRM), and zone designations
- Coastal Barrier Resources Act (COBRA) areas
- FIRM panel areas, including panel number and suffix

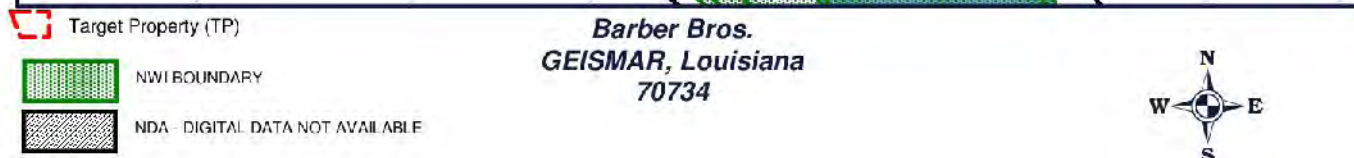
This data was last updated between 1996 and 2000 and is available in select counties throughout the United States.

### FEMA Flood Zone Definitions Relevant to Map

<b>A</b>	Zone A
An area inundated by 100 year flooding. No BFEs (base flood elevations) determined.	
<b>X</b>	Zone X
An area that is determined to be outside the 100 and 500 year floodplains.	



## NWJ Map



# NWI Report

## NWI - National Wetlands Inventory

The US NWI digital data bundle is a set of records of wetlands location and classification as defined by the U.S. Fish & Wildlife Service. This dataset is one of a series available in 7.5 minute by 7.5 minute blocks containing ground planimetric coordinates of wetlands point, line, and area features and wetlands attributes. When completed, the series will provide coverage for all of the contiguous United States, Hawaii, Alaska, and U.S. protectorates in the Pacific and Caribbean. The digital data as well as the hardcopy maps that were used as the source for the digital data are produced and distributed by the U.S. Fish & Wildlife Service's National Wetlands Inventory project. Currently, this data is only available in select counties throughout the United States.

## NWI Definitions Relevant to Map

### PAB4H

SYSTEM: **PALUSTRINE**  
CLASS: **AQUATIC BED**  
SUBCLASS: **NEEDLE-LEAVED EVERGREEN**  
WATER REGIME: **PERMANENTLY FLOODED**

### PAB4Hx

SYSTEM: **PALUSTRINE**  
CLASS: **AQUATIC BED**  
SUBCLASS: **NEEDLE-LEAVED EVERGREEN**  
WATER REGIME: **PERMANENTLY FLOODED**  
SPECIAL MODIFIER: **EXCAVATED**

### PEM1A

SYSTEM: **PALUSTRINE**  
CLASS: **EMERGENT**  
SUBCLASS: **BROAD-LEAVED DECIDUOUS**  
WATER REGIME: **TEMPORARILY FLOODED**

### PEM1C

SYSTEM: **PALUSTRINE**  
CLASS: **EMERGENT**  
SUBCLASS: **BROAD-LEAVED DECIDUOUS**  
WATER REGIME: **SEASONALLY FLOODED**

### PEM1F

SYSTEM: **PALUSTRINE**  
CLASS: **EMERGENT**  
SUBCLASS: **BROAD-LEAVED DECIDUOUS**  
WATER REGIME: **SEMIPERMANENTLY FLOODED**

### PFO1A

SYSTEM: **PALUSTRINE**  
CLASS: **FORESTED**  
SUBCLASS: **BROAD-LEAVED DECIDUOUS**  
WATER REGIME: **TEMPORARILY FLOODED**

## NWI Report

### PFO1C

SYSTEM: **PALUSTRINE**  
CLASS: **FORESTED**  
SUBCLASS: **BROAD-LEAVED DECIDUOUS**  
WATER REGIME: **SEASONALLY FLOODED**

### PFO1Cd

SYSTEM: **PALUSTRINE**  
CLASS: **FORESTED**  
SUBCLASS: **BROAD-LEAVED DECIDUOUS**  
WATER REGIME: **SEASONALLY FLOODED**  
SPECIAL MODIFIER: **PARTIALLY DRAINED/DITCHED**

### PFO1F

SYSTEM: **PALUSTRINE**  
CLASS: **FORESTED**  
SUBCLASS: **BROAD-LEAVED DECIDUOUS**  
WATER REGIME: **SEMIPERMANENTLY FLOODED**

### PSS1A

SYSTEM: **PALUSTRINE**  
CLASS: **SCRUB-SHRUB**  
SUBCLASS: **BROAD-LEAVED DECIDUOUS**  
WATER REGIME: **TEMPORARILY FLOODED**

### PSS1C

SYSTEM: **PALUSTRINE**  
CLASS: **SCRUB-SHRUB**  
SUBCLASS: **BROAD-LEAVED DECIDUOUS**  
WATER REGIME: **SEASONALLY FLOODED**

### PUBH

SYSTEM: **PALUSTRINE**  
CLASS: **UNCONSOLIDATED BOTTOM**

### PUBHx

SYSTEM: **PALUSTRINE**  
CLASS: **UNCONSOLIDATED BOTTOM**  
SPECIAL MODIFIER: **EXCAVATED**

### PUSC

SYSTEM: **PALUSTRINE**  
CLASS: **UNCONSOLIDATED SHORE**

### R2UBH

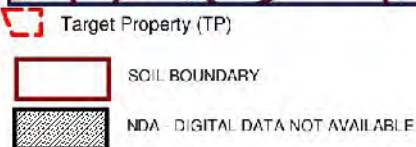
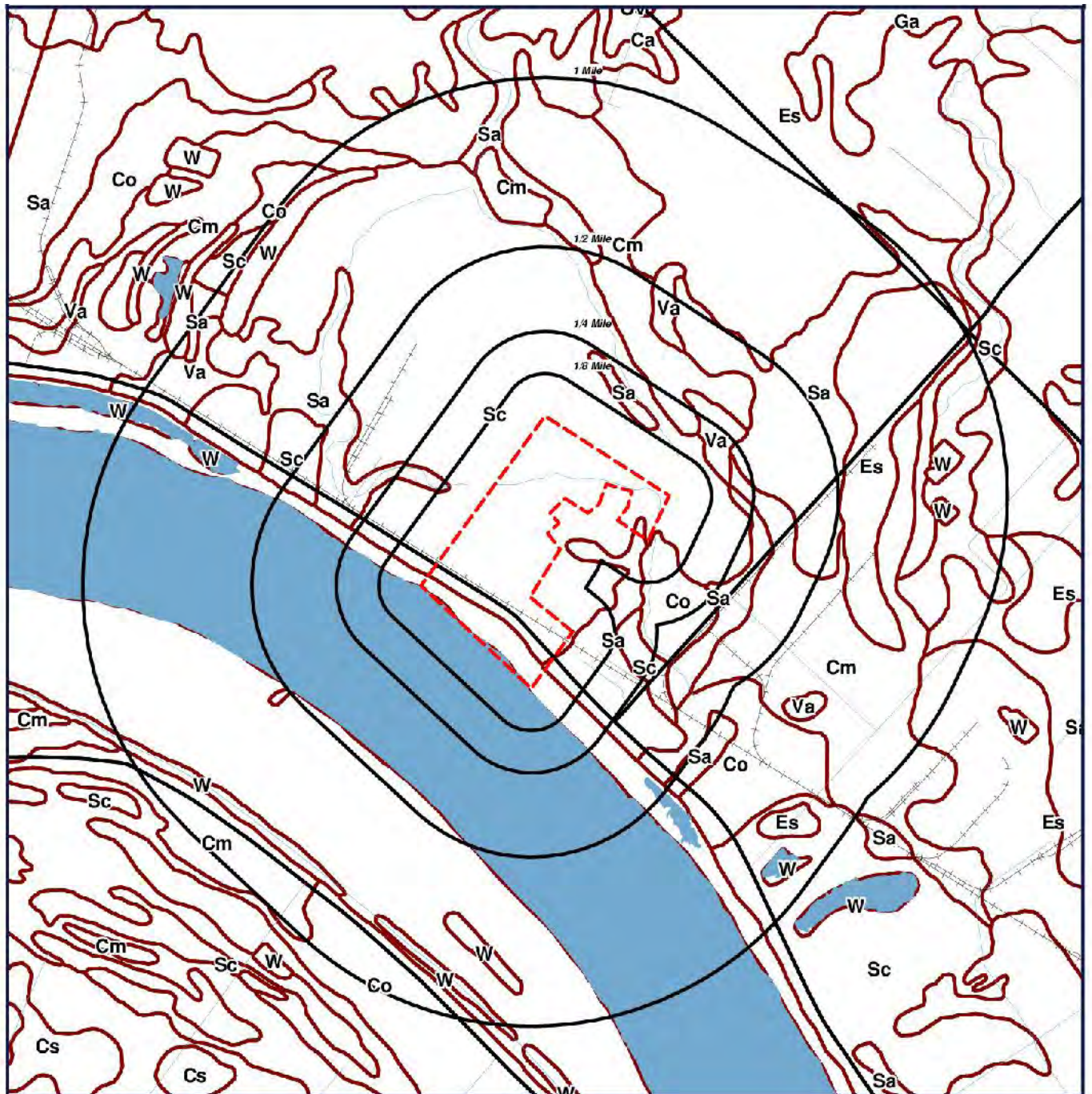
SYSTEM: **RIVERINE**  
SUBSYSTEM: **LOWER PERENNIAL**  
CLASS: **UNCONSOLIDATED BOTTOM**

## ***NWI Report***

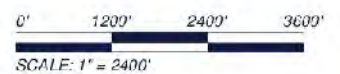
WATER REGIME: **PERMANENTLY FLOODED**



# Soil Map



**Barber Bros.  
GEISMAR, Louisiana  
70734**



[Click here to access Satellite view](#)

**GeoSearch** [www.geo-search.com](http://www.geo-search.com) 888-396-0042



## ***SOIL Report***

### **Soil Surveys**

The soil data used in this report is obtained from the Natural Resources Conservation Service (NRCS). The NRCS is the primary federal agency that works with private landowners to help them conserve, maintain and improve their natural resources.

The soil survey contains information that can be applied in managing farms and ranches; in selecting sites for roads, ponds, buildings and other structures; and in determining the suitability of tracts of land for farming, industry and recreation. This data is available in select counties throughout the United States.

#### **Soil Code Definitions Relevant to Map**

<b>Ac</b>	Acy silt loam
<b>Cm</b>	Commerce silt loam
<b>Co</b>	Commerce silty clay loam
<b>CV</b>	Convent soils, frequently flooded
<b>Es</b>	Essen silt loam
<b>Sa</b>	Sharkey silty clay loam
<b>Sc</b>	Sharkey clay
<b>Va</b>	Vacherie silt loam
<b>W</b>	Water

## ***Environmental Records Definitions - FEDERAL***

### **AIRSAFS**

Aerometric Information Retrieval System / Air Facility Subsystem

VERSION DATE: 08/01/12

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.

### **BRS**

Biennial Reporting System

VERSION DATE: 12/31/11

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: 03/04/13

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.

### **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.

### **EC**

Federal Engineering Institutional Control Sites

VERSION DATE: 04/01/13

This database includes site locations where Engineering and/or Institutional Controls have been identified as part

## ***Environmental Records Definitions - FEDERAL***

of a selected remedy for the site as defined by United States Environmental Protection Agency official remedy decision documents. 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 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.

**ERNSLA** Emergency Response Notification System

VERSION DATE: 12/31/12

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.

**FRSLA** Facility Registry System

VERSION DATE: 03/09/13

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.

**HMIRSR06** Hazardous Materials Incident Reporting System

VERSION DATE: 07/08/13

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.

**ICIS** Integrated Compliance Information System (formerly DOCKETS)

VERSION DATE: 08/01/12

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.

## ***Environmental Records Definitions - FEDERAL***

**ICISNPDES** Integrated Compliance Information System National Pollutant Discharge Elimination System

VERSION DATE: 08/01/12

In 2006, the Integrated Compliance Information System (ICIS) - National Pollutant Discharge Elimination System (NPDES) became the NPDES national system of record for select states, tribes and territories. ICIS-NPDES is an information management system maintained by the United States Environmental Protection Agency's Office of Compliance to track permit compliance and enforcement status of facilities regulated by the NPDES under the Clean Water Act. ICIS-NPDES is designed to support the NPDES program at the state, regional, and national levels.

**LUCIS** Land Use Control Information System

VERSION DATE: 09/01/06

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

**MLTS** Material Licensing Tracking System

VERSION DATE: 01/30/13

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.

**NPDES06** National Pollutant Discharge Elimination System

VERSION DATE: 04/01/07

Information in this database is extracted from the Water Permit Compliance System (PCS) database which is used by United States Environmental Protection Agency to track surface water permits issued under the Clean Water Act. This database includes permitted facilities located in EPA Region 6. This region includes the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas. The NPDES database was collected from December 2002 until April 2007. Refer to the PCS and/or ICIS-NPDES database as source of current data.

**PADS** PCB Activity Database System

VERSION DATE: 06/01/13

The PCB Activity Database System (PADS) is used by the United States Environmental Protection Agency to monitor the activities of polychlorinated biphenyls (PCB) handlers.

**PCSR06** Permit Compliance System

VERSION DATE: 08/01/12

The Permit Compliance System is used in tracking enforcement status and permit compliance of facilities

## ***Environmental Records Definitions - FEDERAL***

controlled by the National Pollutant Discharge Elimination System (NPDES) under the Clean Water Act and is maintained by the United States Environmental Protection Agency's Office of Compliance. PCS is designed to support the NPDES program at the state, regional, and national levels. This database includes permitted facilities located in EPA Region 6. This region includes the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

**RCRASC** RCRA Sites with Controls

VERSION DATE: 06/25/12

This list of Resource Conservation and Recovery Act sites with institutional controls in place is provided by the U.S. Environmental Protection Agency.

**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.

**SSTS** Section Seven Tracking System

VERSION DATE: 12/31/09

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.)

**TRI** Toxics Release Inventory

VERSION DATE: 12/31/11

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 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: 12/31/06

## ***Environmental Records Definitions - FEDERAL***

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

### **NLRRCRAG**

No Longer Regulated RCRA Generator Facilities

VERSION DATE: 06/18/13

This database includes RCRA Generator 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 generated hazardous waste.

**Large Quantity Generators:** Generate 1,000 kg or more of hazardous waste during any calendar month; or Generate more than 1 kg of acutely hazardous waste during any calendar month; or Generate more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, or acutely hazardous waste during any calendar month; or Generate 1 kg or less of acutely hazardous waste during any calendar month, and accumulate more than 1kg of acutely hazardous waste at any time; or Generate 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulated more than 100 kg of that material at any time.

**Small Quantity Generators:** Generate more than 100 and less than 1000 kilograms of hazardous waste during any calendar month and accumulate less than 6000 kg of hazardous waste at any time; or Generate 100 kg or less of hazardous waste during any calendar month, and accumulate more than 1000 kg of hazardous waste at any time.

**Conditionally Exempt Small Quantity Generators:** Generate 100 kilograms or less of hazardous waste per calendar month, and accumulate 1000 kg or less of hazardous waste at any time; or Generate one kilogram or less of acutely hazardous waste per calendar month, and accumulate at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, or acutely hazardous waste; or Generate 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, or acutely hazardous waste during any calendar month, and accumulate at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste.

### **RCRAGR06**

Resource Conservation & Recovery Act - Generator Facilities

VERSION DATE: 06/18/13

This database includes sites listed as generators of hazardous waste (large, small, and exempt) in the RCRAInfo system. The United States Environmental Protection Agency defines RCRAInfo as the comprehensive information system which provides access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS)

## ***Environmental Records Definitions - FEDERAL***

and the Biennial Reporting System (BRS). This database includes sites located in EPA Region 6. This region includes the following states: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

Large Quantity Generators: Generate 1,000 kg or more of hazardous waste during any calendar month; or Generate more than 1 kg of acutely hazardous waste during any calendar month; or Generate more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, or acutely hazardous waste during any calendar month; or Generate 1 kg or less of acutely hazardous waste during any calendar month, and accumulate more than 1kg of acutely hazardous waste at any time; or Generate 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulated more than 100 kg of that material at any time.

Small Quantity Generators: Generate more than 100 and less than 1000 kilograms of hazardous waste during any calendar month and accumulate less than 6000 kg of hazardous waste at any time; or Generate 100 kg or less of hazardous waste during any calendar month, and accumulate more than 1000 kg of hazardous waste at any time.

Conditionally Exempt Small Quantity Generators: Generate 100 kilograms or less of hazardous waste per calendar month, and accumulate 1000 kg or less of hazardous waste at any time; or Generate one kilogram or less of acutely hazardous waste per calendar month, and accumulate at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, or acutely hazardous waste; or Generate 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, or acutely hazardous waste during any calendar month, and accumulate at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste.

### **HISTPST**

Historical Gas Stations

VERSION DATE: 07/01/30

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.

### **BF**

Brownfields Management System

VERSION DATE: 07/03/13

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.

### **CERCLIS**

Comprehensive Environmental Response, Compensation & Liability Information System

VERSION DATE: 04/26/13

CERCLIS is the repository for site and non-site specific Superfund information in support of the Comprehensive



## ***Environmental Records Definitions - FEDERAL***

Environmental Response, Compensation and Liability Act (CERCLA). This United States Environmental Protection Agency database contains an extract of sites that have been investigated or are in the process of being investigated for potential environmental risk.

**DNPL** Delisted National Priorities List

VERSION DATE: 04/26/13

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.

**NFRAP** No Further Remedial Action Planned Sites

VERSION DATE: 04/26/13

This database includes sites which have been determined by the United States Environmental Protection Agency, following preliminary assessment, to no longer pose a significant risk or require further activity under CERCLA. After initial investigation, no contamination was found, contamination was quickly removed or contamination was not serious enough to require Federal Superfund action or NPL consideration.

**NLRRCRAT** No Longer Regulated RCRA Non-CORRACTS TSD Facilities

VERSION DATE: 06/18/13

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.

**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.

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

VERSION DATE: 06/18/13

This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste in the RCRAInfo system. The United States Environmental Protection Agency defines RCRAInfo as the comprehensive information system which provides access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of

## ***Environmental Records Definitions - FEDERAL***

1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS).

**DOD** Department of Defense Sites

VERSION DATE: 12/01/05

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.

**FUDS** Formerly Used Defense Sites

VERSION DATE: 02/01/13

The 2011 FUDS inventory includes properties previously owned by or leased to the United States and under Secretary of Defense jurisdiction. The remediation of these properties is the responsibility of the Department of Defense.

**NLRRCRAC** No Longer Regulated RCRA Corrective Action Facilities

VERSION DATE: 06/18/13

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.

**NPL** National Priorities List

VERSION DATE: 04/26/13

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.

**PNPL** Proposed National Priorities List

VERSION DATE: 04/26/13

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: 06/18/13

This database includes hazardous waste sites listed with corrective action activity in the RCRAInfo system. The

## ***Environmental Records Definitions - FEDERAL***

Corrective Action Program requires owners or operators of RCRA facilities (or treatment, storage, and disposal facilities) to investigate and cleanup contamination in order to protect human health and the environment. The United States Environmental Protection Agency defines RCRAInfo as the comprehensive information system which provides access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS).

**RODS** Record of Decision System

VERSION DATE: 07/01/13

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.

## ***Environmental Records Definitions - STATE (LA)***

### **ASBESTOS**

Asbestos Demolition and Renovation Notification Projects

VERSION DATE: 12/31/12

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.

### **IC**

Sites With Controls

VERSION DATE: 06/03/13

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: 08/04/13

A listing of liens filed against properties by the Remediation Services Division of the Louisiana Department of Environmental Quality.

### **SPILLS**

Spills listing

VERSION DATE: 07/25/13

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

### **WASTETIRE**

Waste Tire Generator List

VERSION DATE: 05/29/13

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

### **DCR**

Drycleaning Facilities

VERSION DATE: 04/16/13

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

## ***Environmental Records Definitions - STATE (LA)***

**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.

**UST** Underground Storage Tanks

VERSION DATE: 07/09/13

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

**ADS** Approved Hurricane Debris Dump Sites

VERSION DATE: 10/31/08

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).

**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.

**LUST** Leaking Underground Storage Tanks

VERSION DATE: 07/19/13

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

**RCY** Recycling Facilities

VERSION DATE: 04/15/06

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

**SWLF** Solid Waste Landfills

VERSION DATE: 05/23/13

## ***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.

**VRP** Voluntary Remediation Program Sites

VERSION DATE: 06/03/13

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.

**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.

**CPI** Confirmed and Potential Sites Inventory

VERSION DATE: 07/19/13

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.

## ***Environmental Records Definitions - TRIBAL***

**USTR06**                      Underground Storage Tanks On Tribal Lands

VERSION DATE: 02/01/13

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.

**LUSTR06**                      Leaking Underground Storage Tanks On Tribal Lands

VERSION DATE: 02/01/13

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).

**INDIANRES**                      Indian Reservations

VERSION DATE: 01/01/00

The Department of Interior and Bureau of Indian Affairs maintains this database that includes American Indian Reservations, off-reservation trust lands, public domain allotments, Alaska Native Regional Corporations and Recognized State Reservations.





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## ***GeoPlus Water Well Report***

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[Satellite view](#)

*Target Property:*

***Barber Bros.***

***GEISMAR, Ascension Parish County, Louisiana 70734***

*Prepared For:*

***GEC Inc.***

***Order #: 27589***

***Job #: 61910***

***Date: 08/09/2013***

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## Table of Contents

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<i>Target Property Summary</i> . . . . .	1
<i>Database Findings Summary</i> . . . . .	2
<i>Locatable Database Findings</i> . . . . .	4
<i>Waterwell Map</i> . . . . .	6
<i>Report Summary of Locatable Sites</i> . . . . .	7
<i>Environmental Records Definitions</i> . . . . .	63

## Target Property Summary

**Barber Bros.**

**GEISMAR, Ascension Parish County, Louisiana 70734**

USGS Quadrangle: **Carville, LA**

Target Property Geometry: **Area**

Target Property Longitude(s)/Latitude(s):

(-91.026160, 30.206525), (-91.026160, 30.206525), (-91.028207, 30.204106), (-91.033665, 30.208510),  
(-91.027524, 30.215767), (-91.021384, 30.212355), (-91.022438, 30.210433), (-91.023927, 30.211301),  
(-91.023431, 30.211859), (-91.023244, 30.212541), (-91.024485, 30.212852), (-91.024857, 30.211983),  
(-91.025415, 30.211611), (-91.026532, 30.212231), (-91.027276, 30.211611), (-91.026842, 30.211177),  
(-91.027400, 30.210743), (-91.026780, 30.210060), (-91.028269, 30.208013), (-91.026160, 30.206525),  
(-91.026160, 30.206525)

County/Parish Covered:

Zipcode(s) Covered:

**Donaldsonville LA: 70346**

**Geismar LA: 70734**

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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## Database Findings Summary

### FEDERAL LISTING

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM	<a href="#">NWIS</a>	19	0	0.5000
SUB-TOTAL		19	0	

## Database Findings Summary

### STATE (LA) LISTING

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
LOUISIANA WATER WELL REGISTRY	<a href="#">WW</a>	35	0	0.5000
SUB-TOTAL		35	0	
TOTAL		54	0	

## Locatable Database Findings

### FEDERAL LISTING

Acronym	Search Radius (miles)	Target Property	1/8 Mile (> TP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
NWIS	0.5000		1	5	13	0	NS	19
SUB-TOTAL			1	5	13	0	0	19

## Locatable Database Findings

### STATE (LA) LISTING

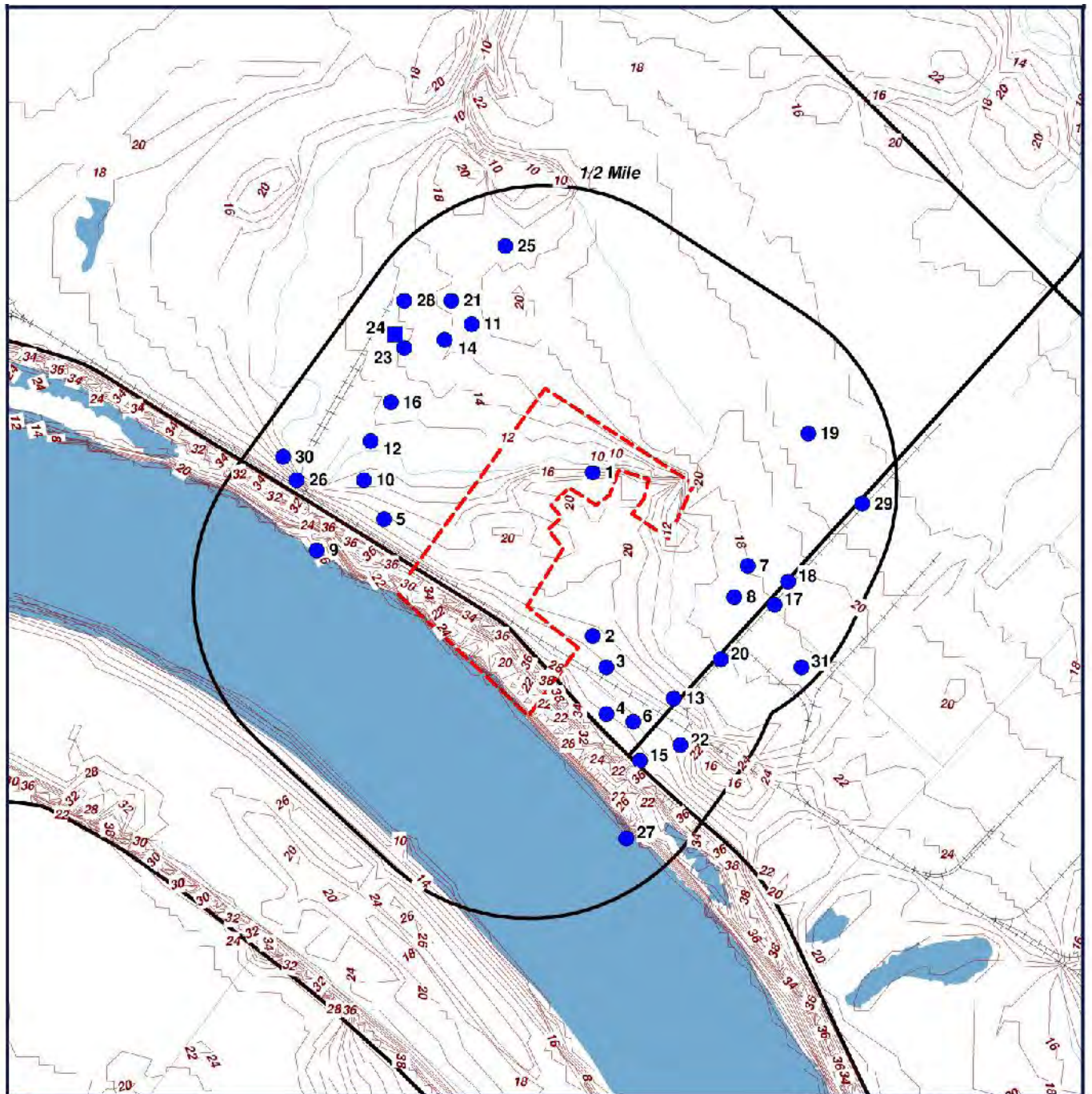
Acronym	Search Radius (miles)	Target Property	1/8 Mile (> TP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
WW	0.5000	1	2	9	23	0	NS	35

SUB-TOTAL		1	2	9	23	0	0	35
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TOTAL		1	3	14	36	0	0	54
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NOTES:  
NS = NOT SEARCHED

# Waterwell Map



- Target Property (TP)
- WW
- NWIS

**Barber Bros.**  
**GEISMAR, Louisiana**  
**70734**

CONTOUR LINES REPRESENTED IN FEET



0' 1000' 2000' 3000'  
 SCALE: 1" = 2000'

[Click here to access Satellite view](#)

**GeoSearch** [www.geo-search.com](http://www.geo-search.com) 888-396-0042



## Report Summary of Locatable Sites

Map ID#	Database Name	Site ID#	Distance From Site	Site Name	Address	City, Zip Code
<a href="#">1</a>	WW	301246091013201	0.001 N	UNOCAL		
<a href="#">2</a>	WW	301225091013201	0.05 NE	UNOCAL		
<a href="#">3</a>	NWIS	00729459	0.08 SE	AN- 25		
<a href="#">3</a>	WW	301221091013001	0.09 SE	GEISMAR, LEON S		
<a href="#">4</a>	WW	301215091013002	0.16 SE	LA PUBLIC WORKS		
<a href="#">4</a>	NWIS	00729445	0.14 SE	AN- 196A		
<a href="#">4</a>	NWIS	00729446	0.14 SE	AN- 196B		
<a href="#">4</a>	WW	301215091013001	0.16 SE	LA PUBLIC WORKS		
<a href="#">5</a>	WW	301240091020301	0.14 NW	UNOCAL		
<a href="#">6</a>	NWIS	00729444	0.21 SE	AN- 307		
<a href="#">6</a>	WW	301214091012601	0.22 SE	GEISMAR, LEON		
<a href="#">7</a>	WW	301234091010901	0.21 NE	METHANEX		
<a href="#">8</a>	WW	301230091011101	0.22 E	UNOCAL		
<a href="#">9</a>	NWIS	00729495	0.24 W	AN- 238		
<a href="#">9</a>	WW	301236091021301	0.23 W	U S CORPS ENGRS		
<a href="#">10</a>	NWIS	00729520	0.24 NW	AN- 506		
<a href="#">10</a>	WW	301245091020601	0.23 NW	CROSSTEX		
<a href="#">11</a>	WW	301305091015001	0.25 N	UNOCAL		
<a href="#">12</a>	WW	301249091020501	0.26 NW	CROSSTEX		
<a href="#">12</a>	NWIS	00729531	0.28 NW	AN- 178		
<a href="#">12</a>	WW	301250091020501	0.28 NW	CROSSTEX ENERGY SERVICES, LP		
<a href="#">13</a>	WW	301217091012001	0.27 SE	ANGELLE CONCRET		
<a href="#">14</a>	WW	301303091015401	0.28 NW	SHELL WESTERN		
<a href="#">15</a>	NWIS	00729436	0.28 SE	AN- 113		
<a href="#">15</a>	WW	301209091012501	0.29 SE	U S CORPS ENGRS		
<a href="#">16</a>	NWIS	00729545	0.3 NW	AN- 168		
<a href="#">16</a>	WW	301255091020201	0.29 NW	CROSSTEX		
<a href="#">17</a>	NWIS	00729480	0.3 E	AN- 111		
<a href="#">17</a>	WW	301229091010501	0.32 E	U S CORPS ENGRS		
<a href="#">18</a>	NWIS	00729482	0.31 E	AN- 207		
<a href="#">18</a>	WW	301232091010301	0.32 E	HEXION		
<a href="#">19</a>	WW	301251091010001	0.32 NE	UNOCAL		
<a href="#">20</a>	NWIS	00729462	0.32 E	AN- 112		
<a href="#">20</a>	WW	301222091011301	0.33 E	U S CORPS ENGRS		
<a href="#">21</a>	NWIS	00729573	0.34 N	AN- 308		
<a href="#">21</a>	WW	301308091015301	0.32 N	SHELL OIL		
<a href="#">22</a>	NWIS	00729442	0.34 SE	AN- 88		
<a href="#">22</a>	WW	301211091011901	0.35 SE	GUICHET & RAGAN		
<a href="#">23</a>	WW	301303091020101	0.37 NW	SHELL OIL		
<a href="#">23</a>	NWIS	00729557	0.36 NW	AN- 245		
<a href="#">23</a>	WW	301302091020001	0.34 NW	SHELL OIL		

## Report Summary of Locatable Sites

<a href="#">24</a>	NWIS	00729560	0.38 NW	AN- 244
<a href="#">25</a>	WW	301315091014501	0.37 N	UNOCAL
<a href="#">26</a>	NWIS	00729521	0.38 NW	AN- 230
<a href="#">26</a>	WW	301245091021601	0.37 NW	AN POLICE JURY
<a href="#">27</a>	NWIS	00729419	0.38 S	AN- 11
<a href="#">27</a>	WW	301159091012701	0.39 S	U S CORPS ENGRS
<a href="#">28</a>	WW	301308091020001	0.41 NW	SHELL WESTERN
<a href="#">29</a>	WW	301242091005202	0.43 NE	HEXION
<a href="#">29</a>	WW	301242091005203	0.43 NE	HEXION
<a href="#">29</a>	WW	301242091005201	0.43 NE	HEXION
<a href="#">30</a>	WW	301248091021801	0.43 NW	UNOCAL
<a href="#">31</a>	NWIS	00729458	0.45 E	AN- 27
<a href="#">31</a>	WW	301221091010101	0.47 E	MONOCHEM INC

## Louisiana Water Well Registry (WW)

**MAP ID# 1**

Distance from Property: 0.00 mi. N

ID NUMBER: 301246091013201  
LOCAL WELL: 6198Z  
PARISH NUM: 005  
OWNER NAME: UNOCAL  
WELL USE: PLUGGED  
USE DESCRIPTION: PLUGGED AND ABANDONED MONITOR  
DRILLER NAME: IT CORPORATION  
WELL DEPTH: 18  
WATER LEVEL: 6.56  
YIELD: NOT REPORTED  
HOLE DEPTH: 18  
ELEVATION: NOT REPORTED  
PLUGGED BY: FUGRO (GS)  
DATE PLUGGED: 02/96  
DATE COMPLETED: 08/89  
DRAWDOWN: NOT REPORTED  
CASING DIAMETER: 2  
SCREEN DIAMETER: 2  
SCREEN INTERVAL: 8-18  
GEOLOGIC UNIT: 111NORLC  
QUAD NUM: 186B  
WELL USE: 09S 047 02E  
LATITUDE: 301246 LONGITUDE: 910132

[Back to Report Summary](#)

## Louisiana Water Well Registry (WW)

[MAP ID# 2](#)

Distance from Property: 0.05 mi. NE

ID NUMBER: 301225091013201  
LOCAL WELL: 6197Z  
PARISH NUM: 005  
OWNER NAME: UNOCAL  
WELL USE: PLUGGED  
USE DESCRIPTION: PLUGGED AND ABANDONED MONITOR  
DRILLER NAME: IT CORPORATION  
WELL DEPTH: 18  
WATER LEVEL: 9.38  
YIELD: NOT REPORTED  
HOLE DEPTH: 18  
ELEVATION: NOT REPORTED  
PLUGGED BY: FUGRO (GS)  
DATE PLUGGED: 02/96  
DATE COMPLETED: 08/89  
DRAWDOWN: NOT REPORTED  
CASING DIAMETER: 2  
SCREEN DIAMETER: 2  
SCREEN INTERVAL: 8-18  
GEOLOGIC UNIT: 111NORLC  
QUAD NUM: 186B  
WELL USE: 10S 010 02E  
LATITUDE: 301225 LONGITUDE: 910132

[Back to Report Summary](#)

## ***United States Geological Survey National Water Information System (NWIS)***

**MAP ID# 3**

Distance from Property: 0.08 mi. SE

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **30122109**

STATION NAME: **AN- 25**

SITE TYPE: **WELL**

LATITUDE: **30.206029870** LONGITUDE: **-91.025101390**

DATE DRILLED: **NOT REPORTED**

WELL DEPTH: **342**

HOLE DEPTH: **NOT REPORTED**

LOCAL AQUIFER: **NORCO AQUIFER**

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[Back to Report Summary](#)

## Louisiana Water Well Registry (WW)

**MAP ID# 3**

Distance from Property: 0.09 mi. SE

ID NUMBER: 301221091013001  
LOCAL WELL: 25  
PARISH NUM: 005  
OWNER NAME: GEISMAR, LEON S  
WELL USE: DESTROYED  
USE DESCRIPTION: DESTROYED DOMESTIC  
DRILLER NAME: UNKNOWN  
WELL DEPTH: 342  
WATER LEVEL: 0.00  
YIELD: NOT REPORTED  
HOLE DEPTH: 0  
ELEVATION: 22  
PLUGGED BY: NOT REPORTED  
DATE PLUGGED: NOT REPORTED  
DATE COMPLETED: 1935  
DRAWDOWN: NOT REPORTED  
CASING DIAMETER: 2.50  
SCREEN DIAMETER: NOT REPORTED  
SCREEN INTERVAL: NOT REPORTED  
GEOLOGIC UNIT: 112GZNO  
QUAD NUM: 186B  
WELL USE: 10S 010 02E  
LATITUDE: 301221 LONGITUDE: 910130

[Back to Report Summary](#)

## Louisiana Water Well Registry (WW)

**MAP ID# 4**

Distance from Property: 0.16 mi. SE

ID NUMBER: 301215091013002  
LOCAL WELL: 196B  
PARISH NUM: 005  
OWNER NAME: LA PUBLIC WORKS  
WELL USE: PLUGGED  
USE DESCRIPTION: PLUGGED AND ABANDONED TEST HOLE  
DRILLER NAME: AMY, M. E.  
WELL DEPTH: 398  
WATER LEVEL: 1.94  
YIELD: 64  
HOLE DEPTH: 657  
ELEVATION: 24  
PLUGGED BY: NOT REPORTED  
DATE PLUGGED: NOT REPORTED  
DATE COMPLETED: 06/61  
DRAWDOWN: NOT REPORTED  
CASING DIAMETER: 4X2.50  
SCREEN DIAMETER: 2  
SCREEN INTERVAL: 388-398  
GEOLOGIC UNIT: 112GZNO  
QUAD NUM: 186B  
WELL USE: 10S 010 02E  
LATITUDE: 301215 LONGITUDE: 910130

[Back to Report Summary](#)

## ***United States Geological Survey National Water Information System (NWIS)***

**MAP ID# 4**

Distance from Property: 0.14 mi. SE

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **30121509**

STATION NAME: **AN- 196A**

SITE TYPE: **WELL**

LATITUDE: **30.204363240**

LONGITUDE: **-91.025101400**

DATE DRILLED: **1961-06-12**

WELL DEPTH: **438**

HOLE DEPTH: **657**

LOCAL AQUIFER: **GONZALES-NEW ORLEANS AQUIFER**

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[Back to Report Summary](#)



## ***United States Geological Survey National Water Information System (NWIS)***

**MAP ID# 4**

Distance from Property: 0.14 mi. SE

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **30121509**

STATION NAME: **AN- 196B**

SITE TYPE: **WELL**

LATITUDE: **30.204363240**

LONGITUDE: **-91.025101400**

DATE DRILLED: **1961-06-13**

WELL DEPTH: **398**

HOLE DEPTH: **657**

LOCAL AQUIFER: **GONZALES-NEW ORLEANS AQUIFER**

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[Back to Report Summary](#)

## Louisiana Water Well Registry (WW)

**MAP ID# 4**

Distance from Property: 0.16 mi. SE

ID NUMBER: 301215091013001  
LOCAL WELL: 196A  
PARISH NUM: 005  
OWNER NAME: LA PUBLIC WORKS  
WELL USE: PLUGGED  
USE DESCRIPTION: PLUGGED AND ABANDONED TEST HOLE  
DRILLER NAME: UNKNOWN  
WELL DEPTH: 438  
WATER LEVEL: 1.70  
YIELD: 46  
HOLE DEPTH: 657  
ELEVATION: 24  
PLUGGED BY: NOT REPORTED  
DATE PLUGGED: NOT REPORTED  
DATE COMPLETED: 06/61  
DRAWDOWN: NOT REPORTED  
CASING DIAMETER: 4X2.50  
SCREEN DIAMETER: 2  
SCREEN INTERVAL: 428-438  
GEOLOGIC UNIT: 112GZNO  
QUAD NUM: 186B  
WELL USE: 10S 010 02E  
LATITUDE: 301215 LONGITUDE: 910130

[Back to Report Summary](#)

## Louisiana Water Well Registry (WW)

**MAP ID# 5**

Distance from Property: 0.14 mi. NW

ID NUMBER: 301240091020301  
LOCAL WELL: 6196Z  
PARISH NUM: 005  
OWNER NAME: UNOCAL  
WELL USE: PLUGGED  
USE DESCRIPTION: PLUGGED AND ABANDONED MONITOR  
DRILLER NAME: IT CORPORATION  
WELL DEPTH: 20  
WATER LEVEL: 7.00  
YIELD: NOT REPORTED  
HOLE DEPTH: 20  
ELEVATION: NOT REPORTED  
PLUGGED BY: FUGRO (GS)  
DATE PLUGGED: 02/96  
DATE COMPLETED: 08/89  
DRAWDOWN: NOT REPORTED  
CASING DIAMETER: 2  
SCREEN DIAMETER: 2  
SCREEN INTERVAL: 10-20  
GEOLOGIC UNIT: 111NORLC  
QUAD NUM: 186B  
WELL USE: 09S 047 02E  
LATITUDE: 301240 LONGITUDE: 910203

[Back to Report Summary](#)

## ***United States Geological Survey National Water Information System (NWIS)***

**MAP ID# 6**

Distance from Property: 0.21 mi. SE

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **30121409**

STATION NAME: **AN- 307**

SITE TYPE: **WELL**

LATITUDE: **30.204085470**

LONGITUDE: **-91.023990200**

DATE DRILLED: **1979**

WELL DEPTH: **363**

HOLE DEPTH: **363**

LOCAL AQUIFER: **NORCO AQUIFER**

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[Back to Report Summary](#)

## Louisiana Water Well Registry (WW)

**MAP ID# 6**

Distance from Property: 0.22 mi. SE

ID NUMBER: 301214091012601  
LOCAL WELL: 307  
PARISH NUM: 005  
OWNER NAME: GEISMAR, LEON  
WELL USE: REWORKED  
USE DESCRIPTION: RURAL PUBLIC SUPPLY  
DRILLER NAME: LAMBERT'S  
WELL DEPTH: 363  
WATER LEVEL: 8.00  
YIELD: 50  
HOLE DEPTH: 363  
ELEVATION: 24  
PLUGGED BY: NOT REPORTED  
DATE PLUGGED: NOT REPORTED  
DATE COMPLETED: 1979  
DRAWDOWN: NOT REPORTED  
CASING DIAMETER: 4X2  
SCREEN DIAMETER: 2  
SCREEN INTERVAL: 343-363  
GEOLOGIC UNIT: 112GZNO  
QUAD NUM: 186  
WELL USE: 10S 010 02E  
LATITUDE: 301214 LONGITUDE: 910126

[Back to Report Summary](#)

## Louisiana Water Well Registry (WW)

**MAP ID# 7**

Distance from Property: 0.21 mi. NE

ID NUMBER: 301234091010901  
LOCAL WELL: 11226Z  
PARISH NUM: 005  
OWNER NAME: METHANEX  
WELL USE: NOT REPORTED  
USE DESCRIPTION: IRRIGATION  
DRILLER NAME: UNKNOWN  
WELL DEPTH: NOT REPORTED  
WATER LEVEL: NOT REPORTED  
YIELD: NOT REPORTED  
HOLE DEPTH: 240  
ELEVATION: NOT REPORTED  
PLUGGED BY: NOT REPORTED  
DATE PLUGGED: 9-25-12  
DATE COMPLETED: NOT REPORTED  
DRAWDOWN: NOT REPORTED  
CASING DIAMETER: 2  
SCREEN DIAMETER: NOT REPORTED  
SCREEN INTERVAL: NOT REPORTED  
GEOLOGIC UNIT: 112NORC  
QUAD NUM: NOT REPORTED  
WELL USE: 10S 010 02E  
LATITUDE: 301234 LONGITUDE: 910109

[Back to Report Summary](#)

## Louisiana Water Well Registry (WW)

**MAP ID# 8**

Distance from Property: 0.22 mi. E

ID NUMBER: **301230091011101**

LOCAL WELL: **6193Z**

PARISH NUM: **005**

OWNER NAME: **UNOCAL**

WELL USE: **PLUGGED**

USE DESCRIPTION: **PLUGGED AND ABANDONED MONITOR**

DRILLER NAME: **IT CORPORATION**

WELL DEPTH: **18**

WATER LEVEL: **7.70**

YIELD: **NOT REPORTED**

HOLE DEPTH: **18**

ELEVATION: **NOT REPORTED**

PLUGGED BY: **FUGRO (GS)**

DATE PLUGGED: **02/96**

DATE COMPLETED: **07/89**

DRAWDOWN: **NOT REPORTED**

CASING DIAMETER: **2**

SCREEN DIAMETER: **2**

SCREEN INTERVAL: **8-18**

GEOLOGIC UNIT: **111NORLC**

QUAD NUM: **186B**

WELL USE: **09S 048 02E**

LATITUDE: **301230** LONGITUDE: **910111**

[Back to Report Summary](#)

## United States Geological Survey National Water Information System (NWIS)

**MAP ID# 9**

Distance from Property: 0.24 mi. W

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **30123609**

STATION NAME: **AN- 238**

SITE TYPE: **WELL**

LATITUDE: **30.210196430**

LONGITUDE: **-91.037046200**

DATE DRILLED: **NOT REPORTED**

WELL DEPTH: **NOT REPORTED**

HOLE DEPTH: **134**

LOCAL AQUIFER: **NOT REPORTED**

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[Back to Report Summary](#)



## Louisiana Water Well Registry (WW)

**MAP ID# 9**

Distance from Property: 0.23 mi. W

ID NUMBER: 301236091021301  
LOCAL WELL: 238  
PARISH NUM: 005  
OWNER NAME: U S CORPS ENGRS  
WELL USE: PLUGGED  
USE DESCRIPTION: PLUGGED AND ABANDONED TEST HOLE  
DRILLER NAME: U.S. ARMY (NOD)  
WELL DEPTH: 134  
WATER LEVEL: 0.00  
YIELD: NOT REPORTED  
HOLE DEPTH: 134  
ELEVATION: 24  
PLUGGED BY: NOT REPORTED  
DATE PLUGGED: NOT REPORTED  
DATE COMPLETED: 08/62  
DRAWDOWN: NOT REPORTED  
CASING DIAMETER: NOT REPORTED  
SCREEN DIAMETER: NOT REPORTED  
SCREEN INTERVAL: NOT REPORTED  
GEOLOGIC UNIT: 11200NWM  
QUAD NUM: 186B  
WELL USE: 10S 008 02E  
LATITUDE: 301236 LONGITUDE: 910213

[Back to Report Summary](#)

## ***United States Geological Survey National Water Information System (NWIS)***

**MAP ID# 10**

Distance from Property: 0.24 mi. NW

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **30124509**

STATION NAME: **AN- 506**

SITE TYPE: **WELL**

LATITUDE: **30.212696380**

LONGITUDE: **-91.035101700**

DATE DRILLED: **1991-09-06**

WELL DEPTH: **230.**

HOLE DEPTH: **331.**

LOCAL AQUIFER: **NORCO AQUIFER**

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[Back to Report Summary](#)

## Louisiana Water Well Registry (WW)

**MAP ID# 10**

Distance from Property: 0.23 mi. NW

ID NUMBER: 301245091020601  
LOCAL WELL: 506  
PARISH NUM: 005  
OWNER NAME: CROSSTEX  
WELL USE: OTHER  
USE DESCRIPTION: INDUSTRIAL  
DRILLER NAME: STAMM-SCHEELE  
WELL DEPTH: 230  
WATER LEVEL: 13.40  
YIELD: 955  
HOLE DEPTH: 331  
ELEVATION: 20  
PLUGGED BY: NOT REPORTED  
DATE PLUGGED: NOT REPORTED  
DATE COMPLETED: 08/91  
DRAWDOWN: 18.8  
CASING DIAMETER: 12X6  
SCREEN DIAMETER: 6  
SCREEN INTERVAL: 150-230  
GEOLOGIC UNIT: 112NORC  
QUAD NUM: 186B  
WELL USE: 09S 046 02E  
LATITUDE: 301245 LONGITUDE: 910206

[Back to Report Summary](#)

## Louisiana Water Well Registry (WW)

**MAP ID# 11**

Distance from Property: 0.25 mi. N

ID NUMBER: **301305091015001**

LOCAL WELL: **6192Z**

PARISH NUM: **005**

OWNER NAME: **UNOCAL**

WELL USE: **PLUGGED**

USE DESCRIPTION: **PLUGGED AND ABANDONED MONITOR**

DRILLER NAME: **IT CORPORATION**

WELL DEPTH: **17**

WATER LEVEL: **9.67**

YIELD: **NOT REPORTED**

HOLE DEPTH: **20**

ELEVATION: **NOT REPORTED**

PLUGGED BY: **FUGRO (GS)**

DATE PLUGGED: **02/96**

DATE COMPLETED: **07/89**

DRAWDOWN: **NOT REPORTED**

CASING DIAMETER: **2**

SCREEN DIAMETER: **2**

SCREEN INTERVAL: **7-17**

GEOLOGIC UNIT: **111NORLC**

QUAD NUM: **186B**

WELL USE: **09S 047 02E**

LATITUDE: **301305** LONGITUDE: **910150**

[Back to Report Summary](#)

## Louisiana Water Well Registry (WW)

**MAP ID# 12**

Distance from Property: 0.26 mi. NW

ID NUMBER: 301249091020501  
LOCAL WELL: 178  
PARISH NUM: 005  
OWNER NAME: CROSSTEX  
WELL USE: PLUGGED  
USE DESCRIPTION: PLUGGED AND ABANDONED INDUSTRIAL  
DRILLER NAME: LAYNE  
WELL DEPTH: 260  
WATER LEVEL: 7.12  
YIELD: 750  
HOLE DEPTH: 315  
ELEVATION: 16  
PLUGGED BY: STAMM-SCHEELE  
DATE PLUGGED: 09/91  
DATE COMPLETED: 06/60  
DRAWDOWN: 11  
CASING DIAMETER: 13  
SCREEN DIAMETER: 6  
SCREEN INTERVAL: 180-260  
GEOLOGIC UNIT: 112NORC  
QUAD NUM: 186B  
WELL USE: 09S 046 02E  
LATITUDE: 301249 LONGITUDE: 910205

[Back to Report Summary](#)

## **United States Geological Survey National Water Information System (NWIS)**

**MAP ID# 12**

Distance from Property: 0.28 mi. NW

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **30124909**

STATION NAME: **AN- 178**

SITE TYPE: **WELL**

LATITUDE: **30.213807460**

LONGITUDE: **-91.034824000**

DATE DRILLED: **1960-07-25**

WELL DEPTH: **260**

HOLE DEPTH: **315**

LOCAL AQUIFER: **NORCO AQUIFER**

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[Back to Report Summary](#)

## Louisiana Water Well Registry (WW)

**MAP ID# 12**

Distance from Property: 0.28 mi. NW

ID NUMBER: 301250091020501  
LOCAL WELL: 6596  
PARISH NUM: 005  
OWNER NAME: CROSSTEX ENERGY SERVICES, LP  
WELL USE: NOT REPORTED  
USE DESCRIPTION: IRRIGATION  
DRILLER NAME: AMY, M. E. , DRILLING CO., INC.  
WELL DEPTH: 195  
WATER LEVEL: 15  
YIELD: 600  
HOLE DEPTH: 195  
ELEVATION: NOT REPORTED  
PLUGGED BY: NOT REPORTED  
DATE PLUGGED: NOT REPORTED  
DATE COMPLETED: 1/7/13  
DRAWDOWN: NOT REPORTED  
CASING DIAMETER: 16  
SCREEN DIAMETER: 12  
SCREEN INTERVAL: 151-191  
GEOLOGIC UNIT: 112NORC  
QUAD NUM: NOT REPORTED  
WELL USE: NOT REPORTED NOT REPORTED NOT REPORTED  
LATITUDE: 301250 LONGITUDE: 910205

[Back to Report Summary](#)

## Louisiana Water Well Registry (WW)

**MAP ID# 13**

Distance from Property: 0.27 mi. SE

ID NUMBER: 301217091012001  
LOCAL WELL: 579  
PARISH NUM: 005  
OWNER NAME: ANGELLE CONCRET  
WELL USE: PLUGGED  
USE DESCRIPTION: PLUGGED AND ABANDONED PUBLIC SUPPLY  
DRILLER NAME: UNKNOWN  
WELL DEPTH: 320  
WATER LEVEL: 0.00  
YIELD: NOT REPORTED  
HOLE DEPTH: 0  
ELEVATION: NOT REPORTED  
PLUGGED BY: LAYNE  
DATE PLUGGED: 08/08  
DATE COMPLETED: NOT REPORTED  
DRAWDOWN: NOT REPORTED  
CASING DIAMETER: 6  
SCREEN DIAMETER: NOT REPORTED  
SCREEN INTERVAL: NOT REPORTED  
GEOLOGIC UNIT: 112GZNO  
QUAD NUM: NOT REPORTED  
WELL USE: 10S 010 02E  
LATITUDE: 301217 LONGITUDE: 910120

[Back to Report Summary](#)



## Louisiana Water Well Registry (WW)

**MAP ID# 14**

Distance from Property: 0.28 mi. NW

ID NUMBER: 301303091015401  
LOCAL WELL: 5899Z  
PARISH NUM: 005  
OWNER NAME: SHELL WESTERN  
WELL USE: PLUGGED  
USE DESCRIPTION: PLUGGED AND ABANDONED INDUSTRIAL  
DRILLER NAME: LAYNE (LA)  
WELL DEPTH: 282  
WATER LEVEL: 0.00  
YIELD: NOT REPORTED  
HOLE DEPTH: 0  
ELEVATION: 20  
PLUGGED BY: LAYNE (LA)  
DATE PLUGGED: 04/85  
DATE COMPLETED: 06/64  
DRAWDOWN: NOT REPORTED  
CASING DIAMETER: NOT REPORTED  
SCREEN DIAMETER: NOT REPORTED  
SCREEN INTERVAL: NOT REPORTED  
GEOLOGIC UNIT: 112NORC  
QUAD NUM: 186B  
WELL USE: 09S 047 02E  
LATITUDE: 301303 LONGITUDE: 910154

[Back to Report Summary](#)

## United States Geological Survey National Water Information System (NWIS)

**MAP ID# 15**

Distance from Property: 0.28 mi. SE

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **30120909**

STATION NAME: **AN- 113**

SITE TYPE: **WELL**

LATITUDE: **30.202696600**

LONGITUDE: **-91.023712400**

DATE DRILLED: **NOT REPORTED**

WELL DEPTH: **NOT REPORTED**

HOLE DEPTH: **102**

LOCAL AQUIFER: **NOT REPORTED**

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[Back to Report Summary](#)

## Louisiana Water Well Registry (WW)

**MAP ID# 15**

Distance from Property: 0.29 mi. SE

ID NUMBER: 301209091012501  
LOCAL WELL: 113  
PARISH NUM: 005  
OWNER NAME: U S CORPS ENGRS  
WELL USE: PLUGGED  
USE DESCRIPTION: PLUGGED AND ABANDONED TEST HOLE  
DRILLER NAME: U.S. ARMY (NOD)  
WELL DEPTH: 102  
WATER LEVEL: 0.00  
YIELD: NOT REPORTED  
HOLE DEPTH: 102  
ELEVATION: 21  
PLUGGED BY: NOT REPORTED  
DATE PLUGGED: NOT REPORTED  
DATE COMPLETED: 11/58  
DRAWDOWN: NOT REPORTED  
CASING DIAMETER: NOT REPORTED  
SCREEN DIAMETER: NOT REPORTED  
SCREEN INTERVAL: NOT REPORTED  
GEOLOGIC UNIT: 11200NWM  
QUAD NUM: 186B  
WELL USE: 10S 011 02E  
LATITUDE: 301209 LONGITUDE: 910125

[Back to Report Summary](#)

## ***United States Geological Survey National Water Information System (NWIS)***

**MAP ID# 16**

Distance from Property: 0.30 mi. NW

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **30125509**

STATION NAME: **AN- 168**

SITE TYPE: **WELL**

LATITUDE: **30.215474090**

LONGITUDE: **-91.033990600**

DATE DRILLED: **NOT REPORTED**

WELL DEPTH: **310**

HOLE DEPTH: **602**

LOCAL AQUIFER: **NORCO AQUIFER**

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[Back to Report Summary](#)

## Louisiana Water Well Registry (WW)

**MAP ID# 16**

Distance from Property: 0.29 mi. NW

ID NUMBER: 301255091020201  
LOCAL WELL: 168  
PARISH NUM: 005  
OWNER NAME: CROSSTEX  
WELL USE: OTHER  
USE DESCRIPTION: INDUSTRIAL  
DRILLER NAME: LAYNE  
WELL DEPTH: 310  
WATER LEVEL: 0.00  
YIELD: 417  
HOLE DEPTH: 602  
ELEVATION: 19  
PLUGGED BY: NOT REPORTED  
DATE PLUGGED: NOT REPORTED  
DATE COMPLETED: 05/60  
DRAWDOWN: 11  
CASING DIAMETER: 13X6  
SCREEN DIAMETER: 6  
SCREEN INTERVAL: 230-310  
GEOLOGIC UNIT: 112GZNO  
QUAD NUM: 186B  
WELL USE: 09S 046 02E  
LATITUDE: 301255 LONGITUDE: 910202

[Back to Report Summary](#)

## United States Geological Survey National Water Information System (NWIS)

**MAP ID# 17**

Distance from Property: 0.30 mi. E

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **30122909**

STATION NAME: **AN- 111**

SITE TYPE: **WELL**

LATITUDE: **30.208252050**

LONGITUDE: **-91.018156800**

DATE DRILLED: **NOT REPORTED**

WELL DEPTH: **NOT REPORTED**

HOLE DEPTH: **102**

LOCAL AQUIFER: **NOT REPORTED**

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[Back to Report Summary](#)

## Louisiana Water Well Registry (WW)

**MAP ID# 17**

Distance from Property: 0.32 mi. E

ID NUMBER: 301229091010501  
LOCAL WELL: 111  
PARISH NUM: 005  
OWNER NAME: U S CORPS ENGRS  
WELL USE: PLUGGED  
USE DESCRIPTION: PLUGGED AND ABANDONED TEST HOLE  
DRILLER NAME: U.S. ARMY (NOD)  
WELL DEPTH: 102  
WATER LEVEL: 0.00  
YIELD: NOT REPORTED  
HOLE DEPTH: 102  
ELEVATION: 21  
PLUGGED BY: NOT REPORTED  
DATE PLUGGED: NOT REPORTED  
DATE COMPLETED: 11/58  
DRAWDOWN: NOT REPORTED  
CASING DIAMETER: NOT REPORTED  
SCREEN DIAMETER: NOT REPORTED  
SCREEN INTERVAL: NOT REPORTED  
GEOLOGIC UNIT: 11200NWM  
QUAD NUM: 186B  
WELL USE: 10S 011 02E  
LATITUDE: 301229 LONGITUDE: 910105

[Back to Report Summary](#)

## United States Geological Survey National Water Information System (NWIS)

**MAP ID# 18**

Distance from Property: 0.31 mi. E

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **30123209**

STATION NAME: **AN- 207**

SITE TYPE: **WELL**

LATITUDE: **30.209085370**

LONGITUDE: **-91.017601200**

DATE DRILLED: **1961-04-01**

WELL DEPTH: **253**

HOLE DEPTH: **NOT REPORTED**

LOCAL AQUIFER: **NORCO AQUIFER**

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[Back to Report Summary](#)



## Louisiana Water Well Registry (WW)

**MAP ID# 18**

Distance from Property: 0.32 mi. E

ID NUMBER: 301232091010301  
LOCAL WELL: 207  
PARISH NUM: 005  
OWNER NAME: HEXION  
WELL USE: WATER LEVEL  
USE DESCRIPTION: WATER LEVEL OBSERVATION  
DRILLER NAME: SUMMERS, D. K.  
WELL DEPTH: 253  
WATER LEVEL: 6.00  
YIELD: NOT REPORTED  
HOLE DEPTH: 0  
ELEVATION: 21  
PLUGGED BY: NOT REPORTED  
DATE PLUGGED: NOT REPORTED  
DATE COMPLETED: 04/61  
DRAWDOWN: NOT REPORTED  
CASING DIAMETER: 6X4  
SCREEN DIAMETER: 4  
SCREEN INTERVAL: 233-253  
GEOLOGIC UNIT: 112NORC  
QUAD NUM: 186B  
WELL USE: 10S 010 02E  
LATITUDE: 301232 LONGITUDE: 910103

[Back to Report Summary](#)

## Louisiana Water Well Registry (WW)

**MAP ID# 19**

Distance from Property: 0.32 mi. NE

ID NUMBER: 301251091010001  
LOCAL WELL: 6194Z  
PARISH NUM: 005  
OWNER NAME: UNOCAL  
WELL USE: PLUGGED  
USE DESCRIPTION: PLUGGED AND ABANDONED MONITOR  
DRILLER NAME: IT CORPORATION  
WELL DEPTH: 15  
WATER LEVEL: 6.29  
YIELD: NOT REPORTED  
HOLE DEPTH: 18  
ELEVATION: NOT REPORTED  
PLUGGED BY: FUGRO (GS)  
DATE PLUGGED: 02/96  
DATE COMPLETED: 07/89  
DRAWDOWN: NOT REPORTED  
CASING DIAMETER: 2  
SCREEN DIAMETER: 2  
SCREEN INTERVAL: 5-15  
GEOLOGIC UNIT: 111NORLC  
QUAD NUM: 186B  
WELL USE: 09S 063 02E  
LATITUDE: 301251 LONGITUDE: 910100

[Back to Report Summary](#)

## **United States Geological Survey National Water Information System (NWIS)**

**MAP ID# 20**

Distance from Property: 0.32 mi. E

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **30122209**

STATION NAME: **AN- 112**

SITE TYPE: **WELL**

LATITUDE: **30.206307650**

LONGITUDE: **-91.020379000**

DATE DRILLED: **NOT REPORTED**

WELL DEPTH: **NOT REPORTED**

HOLE DEPTH: **102**

LOCAL AQUIFER: **NOT REPORTED**

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[Back to Report Summary](#)

## Louisiana Water Well Registry (WW)

**MAP ID# 20**

Distance from Property: 0.33 mi. E

ID NUMBER: 301222091011301  
LOCAL WELL: 112  
PARISH NUM: 005  
OWNER NAME: U S CORPS ENGRS  
WELL USE: PLUGGED  
USE DESCRIPTION: PLUGGED AND ABANDONED TEST HOLE  
DRILLER NAME: U.S. ARMY (NOD)  
WELL DEPTH: 102  
WATER LEVEL: 0.00  
YIELD: NOT REPORTED  
HOLE DEPTH: 102  
ELEVATION: 21  
PLUGGED BY: NOT REPORTED  
DATE PLUGGED: NOT REPORTED  
DATE COMPLETED: 11/58  
DRAWDOWN: NOT REPORTED  
CASING DIAMETER: NOT REPORTED  
SCREEN DIAMETER: NOT REPORTED  
SCREEN INTERVAL: NOT REPORTED  
GEOLOGIC UNIT: 11200NWM  
QUAD NUM: 186B  
WELL USE: 10S 010 02E  
LATITUDE: 301222 LONGITUDE: 910113

[Back to Report Summary](#)

## ***United States Geological Survey National Water Information System (NWIS)***

**MAP ID# 21**

Distance from Property: 0.34 mi. N

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **30130809**

STATION NAME: **AN- 308**

SITE TYPE: **WELL**

LATITUDE: **30.219085100**

LONGITUDE: **-91.031490600**

DATE DRILLED: **1978-12-12**

WELL DEPTH: **281**

HOLE DEPTH: **303**

LOCAL AQUIFER: **NORCO AQUIFER**

---

[Back to Report Summary](#)

## Louisiana Water Well Registry (WW)

**MAP ID# 21**

Distance from Property: 0.32 mi. N

ID NUMBER: 301308091015301  
LOCAL WELL: 308  
PARISH NUM: 005  
OWNER NAME: SHELL OIL  
WELL USE: PLUGGED  
USE DESCRIPTION: PLUGGED AND ABANDONED INDUSTRIAL  
DRILLER NAME: LAYNE  
WELL DEPTH: 281  
WATER LEVEL: 11.90  
YIELD: 349  
HOLE DEPTH: 303  
ELEVATION: 17  
PLUGGED BY: LAYNE (BR)  
DATE PLUGGED: 04/97  
DATE COMPLETED: 08/78  
DRAWDOWN: 14.7  
CASING DIAMETER: 12X6  
SCREEN DIAMETER: 6  
SCREEN INTERVAL: 231-281  
GEOLOGIC UNIT: 112GZNO  
QUAD NUM: 186  
WELL USE: 09S 046 02E  
LATITUDE: 301308 LONGITUDE: 910153

[Back to Report Summary](#)

## ***United States Geological Survey National Water Information System (NWIS)***

**MAP ID# 22**

Distance from Property: 0.34 mi. SE

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **30121109**

STATION NAME: **AN- 88**

SITE TYPE: **WELL**

LATITUDE: **30.203252160**

LONGITUDE: **-91.022045700**

DATE DRILLED: **NOT REPORTED**

WELL DEPTH: **452**

HOLE DEPTH: **452**

LOCAL AQUIFER: **GONZALES-NEW ORLEANS AQUIFER**

---

[Back to Report Summary](#)

## Louisiana Water Well Registry (WW)

**MAP ID# 22**

Distance from Property: 0.35 mi. SE

ID NUMBER: 301211091011901  
LOCAL WELL: 88  
PARISH NUM: 005  
OWNER NAME: GUICHET & RAGAN  
WELL USE: REWORKED  
USE DESCRIPTION: RURAL PUBLIC SUPPLY  
DRILLER NAME: GUITREAU J P  
WELL DEPTH: 452  
WATER LEVEL: 0.00  
YIELD: NOT REPORTED  
HOLE DEPTH: 452  
ELEVATION: 19  
PLUGGED BY: NOT REPORTED  
DATE PLUGGED: NOT REPORTED  
DATE COMPLETED: 05/57  
DRAWDOWN: NOT REPORTED  
CASING DIAMETER: 3X2  
SCREEN DIAMETER: 2  
SCREEN INTERVAL: 432-452  
GEOLOGIC UNIT: 112GZNO  
QUAD NUM: 186B  
WELL USE: 10S 011 02E  
LATITUDE: 301211 LONGITUDE: 910119

[Back to Report Summary](#)



## Louisiana Water Well Registry (WW)

**MAP ID# 23**

Distance from Property: 0.37 mi. NW

ID NUMBER: 301303091020101  
LOCAL WELL: 244  
PARISH NUM: 005  
OWNER NAME: SHELL OIL  
WELL USE: CHEMICALS AND ALLIED PRODUCTS  
USE DESCRIPTION: INDUSTRIAL CHEMICAL MANUFACTURING  
DRILLER NAME: LAYNE  
WELL DEPTH: 280  
WATER LEVEL: 1.50  
YIELD: 510  
HOLE DEPTH: 365  
ELEVATION: 16  
PLUGGED BY: NOT REPORTED  
DATE PLUGGED: NOT REPORTED  
DATE COMPLETED: 05/64  
DRAWDOWN: 25.5  
CASING DIAMETER: 14X8  
SCREEN DIAMETER: 8  
SCREEN INTERVAL: 230-280  
GEOLOGIC UNIT: 112GZNO  
QUAD NUM: NOT REPORTED  
WELL USE: 09S 046 02E  
LATITUDE: 301303 LONGITUDE: 910201

[Back to Report Summary](#)

## **United States Geological Survey National Water Information System (NWIS)**

**MAP ID# 23**

Distance from Property: 0.36 mi. NW

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **30130209**

STATION NAME: **AN- 245**

SITE TYPE: **WELL**

LATITUDE: **30.217418500**

LONGITUDE: **-91.033435000**

DATE DRILLED: **1964-06-02**

WELL DEPTH: **280**

HOLE DEPTH: **NOT REPORTED**

LOCAL AQUIFER: **NORCO AQUIFER**

---

[Back to Report Summary](#)

## Louisiana Water Well Registry (WW)

**MAP ID# 23**

Distance from Property: 0.34 mi. NW

ID NUMBER: 301302091020001

LOCAL WELL: 245

PARISH NUM: 005

OWNER NAME: SHELL OIL

WELL USE: PETROLEUM REFINING AND RELATED

USE DESCRIPTION: INDUSTRIAL PETROLEUM REFINING

DRILLER NAME: LAYNE

WELL DEPTH: 280

WATER LEVEL: 5.80

YIELD: 510

HOLE DEPTH: 280

ELEVATION: 17

PLUGGED BY: NOT REPORTED

DATE PLUGGED: NOT REPORTED

DATE COMPLETED: 06/64

DRAWDOWN: 26

CASING DIAMETER: 14X8

SCREEN DIAMETER: 8

SCREEN INTERVAL: 230-280

GEOLOGIC UNIT: 112GZNO

QUAD NUM: NOT REPORTED

WELL USE: 09S 046 02E

LATITUDE: 301302 LONGITUDE: 910200

[Back to Report Summary](#)

## ***United States Geological Survey National Water Information System (NWIS)***

**MAP ID# 24**

Distance from Property: 0.38 mi. NW

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **30130309**

STATION NAME: **AN- 244**

SITE TYPE: **WELL**

LATITUDE: **30.217696270**

LONGITUDE: **-91.033712800**

DATE DRILLED: **1944-05-06**

WELL DEPTH: **280**

HOLE DEPTH: **365**

LOCAL AQUIFER: **NORCO AQUIFER**

---

[Back to Report Summary](#)

## Louisiana Water Well Registry (WW)

**MAP ID# 25**

Distance from Property: 0.37 mi. N

ID NUMBER: 301315091014501  
LOCAL WELL: 6191Z  
PARISH NUM: 005  
OWNER NAME: UNOCAL  
WELL USE: PLUGGED  
USE DESCRIPTION: PLUGGED AND ABANDONED MONITOR  
DRILLER NAME: IT CORPORATION  
WELL DEPTH: 20  
WATER LEVEL: 6.56  
YIELD: NOT REPORTED  
HOLE DEPTH: 20  
ELEVATION: NOT REPORTED  
PLUGGED BY: FUGRO (GS)  
DATE PLUGGED: 02/96  
DATE COMPLETED: 08/89  
DRAWDOWN: NOT REPORTED  
CASING DIAMETER: 2  
SCREEN DIAMETER: 2  
SCREEN INTERVAL: 10-20  
GEOLOGIC UNIT: 111NORLC  
QUAD NUM: 186B  
WELL USE: 09S 046 02E  
LATITUDE: 301315 LONGITUDE: 910145

[Back to Report Summary](#)

## **United States Geological Survey National Water Information System (NWIS)**

**MAP ID# 26**

Distance from Property: 0.38 mi. NW

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **30124509**

STATION NAME: **AN- 230**

SITE TYPE: **WELL**

LATITUDE: **30.212696380**

LONGITUDE: **-91.037879600**

DATE DRILLED: **1962-08-13**

WELL DEPTH: **195**

HOLE DEPTH: **414**

LOCAL AQUIFER: **MISSISSIPPI RIVER VALLEY ALLUVIAL AQUIFERS**

---

[Back to Report Summary](#)

## Louisiana Water Well Registry (WW)

**MAP ID# 26**

Distance from Property: 0.37 mi. NW

ID NUMBER: 301245091021601  
LOCAL WELL: 230  
PARISH NUM: 005  
OWNER NAME: AN POLICE JURY  
WELL USE: NOT REPORTED  
USE DESCRIPTION: IRRIGATION  
DRILLER NAME: EBERHART  
WELL DEPTH: 195  
WATER LEVEL: 14.32  
YIELD: 916  
HOLE DEPTH: 0  
ELEVATION: 18  
PLUGGED BY: NOT REPORTED  
DATE PLUGGED: NOT REPORTED  
DATE COMPLETED: 08/62  
DRAWDOWN: 17  
CASING DIAMETER: 12  
SCREEN DIAMETER: 10  
SCREEN INTERVAL: 150-195  
GEOLOGIC UNIT: 112NORC  
QUAD NUM: 186B  
WELL USE: 09S 046 02E  
LATITUDE: 301245 LONGITUDE: 910216

[Back to Report Summary](#)

## United States Geological Survey National Water Information System (NWIS)

[MAP ID# 27](#)

Distance from Property: 0.38 mi. S

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **30115909**

STATION NAME: **AN- 11**

SITE TYPE: **WELL**

LATITUDE: **30.199918900**

LONGITUDE: **-91.024268000**

DATE DRILLED: **NOT REPORTED**

WELL DEPTH: **NOT REPORTED**

HOLE DEPTH: **118**

LOCAL AQUIFER: **NOT REPORTED**

---

[Back to Report Summary](#)



## Louisiana Water Well Registry (WW)

**MAP ID# 27**

Distance from Property: 0.39 mi. S

ID NUMBER: 301159091012701  
LOCAL WELL: 11  
PARISH NUM: 005  
OWNER NAME: U S CORPS ENGRS  
WELL USE: NOT REPORTED  
USE DESCRIPTION: TEST HOLE  
DRILLER NAME: U.S. ARMY (NOD)  
WELL DEPTH: 118  
WATER LEVEL: 0.00  
YIELD: NOT REPORTED  
HOLE DEPTH: 118  
ELEVATION: 24  
PLUGGED BY: NOT REPORTED  
DATE PLUGGED: NOT REPORTED  
DATE COMPLETED: 03/56  
DRAWDOWN: NOT REPORTED  
CASING DIAMETER: NOT REPORTED  
SCREEN DIAMETER: NOT REPORTED  
SCREEN INTERVAL: NOT REPORTED  
GEOLOGIC UNIT: 11200NWM  
QUAD NUM: 186B  
WELL USE: 10S 011 02E  
LATITUDE: 301159 LONGITUDE: 910127

[Back to Report Summary](#)

## Louisiana Water Well Registry (WW)

**MAP ID# 28**

Distance from Property: 0.41 mi. NW

ID NUMBER: 301308091020001  
LOCAL WELL: 566  
PARISH NUM: 005  
OWNER NAME: SHELL WESTERN  
WELL USE: PETROLEUM REFINING AND RELATED  
USE DESCRIPTION: INDUSTRIAL PETROLEUM REFINING  
DRILLER NAME: LAYNE (BR)  
WELL DEPTH: 192  
WATER LEVEL: 2.00  
YIELD: 506  
HOLE DEPTH: 318  
ELEVATION: 20  
PLUGGED BY: NOT REPORTED  
DATE PLUGGED: NOT REPORTED  
DATE COMPLETED: 05/97  
DRAWDOWN: 64  
CASING DIAMETER: 14  
SCREEN DIAMETER: 14  
SCREEN INTERVAL: 120-182  
GEOLOGIC UNIT: 112NORC  
QUAD NUM: 186B  
WELL USE: 09S 046 02E  
LATITUDE: 301308 LONGITUDE: 910200

[Back to Report Summary](#)

## Louisiana Water Well Registry (WW)

**MAP ID# 29**

Distance from Property: 0.43 mi. NE

ID NUMBER: 301242091005202  
LOCAL WELL: 5393Z  
PARISH NUM: 005  
OWNER NAME: HEXION  
WELL USE: PLUGGED  
USE DESCRIPTION: PLUGGED AND ABANDONED MONITOR  
DRILLER NAME: SUBSURFACE  
WELL DEPTH: 38  
WATER LEVEL: 3.55  
YIELD: NOT REPORTED  
HOLE DEPTH: 40  
ELEVATION: NOT REPORTED  
PLUGGED BY: PROFESSIONAL-  
DATE PLUGGED: 05/06  
DATE COMPLETED: 08/86  
DRAWDOWN: NOT REPORTED  
CASING DIAMETER: 4  
SCREEN DIAMETER: 4  
SCREEN INTERVAL: 33-38  
GEOLOGIC UNIT: 111NORLC  
QUAD NUM: NOT REPORTED  
WELL USE: 09S 050 02E  
LATITUDE: 301242 LONGITUDE: 910052

[Back to Report Summary](#)

## Louisiana Water Well Registry (WW)

**MAP ID# 29**

Distance from Property: 0.43 mi. NE

ID NUMBER: 301242091005203  
LOCAL WELL: 5394Z  
PARISH NUM: 005  
OWNER NAME: HEXION  
WELL USE: NOT REPORTED  
USE DESCRIPTION: MONITOR  
DRILLER NAME: SUBSURFACE  
WELL DEPTH: 18  
WATER LEVEL: 2.01  
YIELD: NOT REPORTED  
HOLE DEPTH: 18  
ELEVATION: NOT REPORTED  
PLUGGED BY: NOT REPORTED  
DATE PLUGGED: NOT REPORTED  
DATE COMPLETED: 08/86  
DRAWDOWN: NOT REPORTED  
CASING DIAMETER: 4  
SCREEN DIAMETER: 4  
SCREEN INTERVAL: 13-18  
GEOLOGIC UNIT: 111NORLC  
QUAD NUM: NOT REPORTED  
WELL USE: 09S 050 02E  
LATITUDE: 301242 LONGITUDE: 910052

[Back to Report Summary](#)

## Louisiana Water Well Registry (WW)

**MAP ID# 29**

Distance from Property: 0.43 mi. NE

ID NUMBER: 301242091005201  
LOCAL WELL: 5392Z  
PARISH NUM: 005  
OWNER NAME: HEXION  
WELL USE: NOT REPORTED  
USE DESCRIPTION: MONITOR  
DRILLER NAME: SUBSURFACE  
WELL DEPTH: 83  
WATER LEVEL: 2.85  
YIELD: NOT REPORTED  
HOLE DEPTH: 86  
ELEVATION: NOT REPORTED  
PLUGGED BY: NOT REPORTED  
DATE PLUGGED: NOT REPORTED  
DATE COMPLETED: 08/86  
DRAWDOWN: NOT REPORTED  
CASING DIAMETER: 4  
SCREEN DIAMETER: 4  
SCREEN INTERVAL: 78-83  
GEOLOGIC UNIT: 111NORLC  
QUAD NUM: NOT REPORTED  
WELL USE: 09S 050 02E  
LATITUDE: 301242 LONGITUDE: 910052

[Back to Report Summary](#)

## Louisiana Water Well Registry (WW)

**MAP ID# 30**

Distance from Property: 0.43 mi. NW

ID NUMBER: **301248091021801**

LOCAL WELL: **6187Z**

PARISH NUM: **005**

OWNER NAME: **UNOCAL**

WELL USE: **PLUGGED**

USE DESCRIPTION: **PLUGGED AND ABANDONED MONITOR**

DRILLER NAME: **IT CORPORATION**

WELL DEPTH: **20**

WATER LEVEL: **10.27**

YIELD: **NOT REPORTED**

HOLE DEPTH: **20**

ELEVATION: **NOT REPORTED**

PLUGGED BY: **FUGRO (GS)**

DATE PLUGGED: **02/96**

DATE COMPLETED: **08/89**

DRAWDOWN: **NOT REPORTED**

CASING DIAMETER: **2**

SCREEN DIAMETER: **2**

SCREEN INTERVAL: **10-20**

GEOLOGIC UNIT: **111NORLC**

QUAD NUM: **186B**

WELL USE: **09S 046 02E**

LATITUDE: **301248** LONGITUDE: **910218**

[Back to Report Summary](#)

## ***United States Geological Survey National Water Information System (NWIS)***

**MAP ID# 31**

Distance from Property: 0.45 mi. E

REPORTING AGENCY: **US GEOLOGICAL SURVEY**

SITE NUMBER: **30122109**

STATION NAME: **AN- 27**

SITE TYPE: **WELL**

LATITUDE: **30.206029880**

LONGITUDE: **-91.017045600**

DATE DRILLED: **1961-05-04**

WELL DEPTH: **337**

HOLE DEPTH: **NOT REPORTED**

LOCAL AQUIFER: **NORCO AQUIFER**

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[Back to Report Summary](#)

## Louisiana Water Well Registry (WW)

**MAP ID# 31**

Distance from Property: 0.47 mi. E

ID NUMBER: 301221091010101  
LOCAL WELL: 27  
PARISH NUM: 005  
OWNER NAME: MONOCHEM INC  
WELL USE: NOT REPORTED  
USE DESCRIPTION: DOMESTIC  
DRILLER NAME: GUITREAU J P  
WELL DEPTH: 337  
WATER LEVEL: 2.73  
YIELD: NOT REPORTED  
HOLE DEPTH: 0  
ELEVATION: 22  
PLUGGED BY: NOT REPORTED  
DATE PLUGGED: NOT REPORTED  
DATE COMPLETED: NOT REPORTED  
DRAWDOWN: NOT REPORTED  
CASING DIAMETER: 2  
SCREEN DIAMETER: NOT REPORTED  
SCREEN INTERVAL: NOT REPORTED  
GEOLOGIC UNIT: 112GZNO  
QUAD NUM: 186B  
WELL USE: 10S 011 02E  
LATITUDE: 301221 LONGITUDE: 910101

[Back to Report Summary](#)



## ***Environmental Records Definitions - FEDERAL***

**NWIS**

United States Geological Survey National Water Information System

VERSION DATE: 04/19/13

This USGS National Water Information System database only includes groundwater wells. The USGS defines this well type as: A hole or shaft constructed in the earth intended to be used to locate, sample, or develop groundwater, oil, gas, or some other subsurface material. The diameter of a well is typically much smaller than the depth. Wells are also used to artificially recharge groundwater or to pressurize oil and gas production zones. Additional information about specific kinds of wells should be recorded under the secondary site types or the Use of Site field. Underground waste-disposal wells should be classified as waste-injection wells.

## ***Environmental Records Definitions - STATE (LA)***

**WW**

Louisiana Water Well Registry

VERSION DATE: 02/13/13

The Statewide Water Well Registration data file is maintained by the Louisiana Department of Natural Resources, Office of Conservation (DNR). This database includes wells registered with the Louisiana Department of Transportation and Development (DOTD), along with the Louisiana District of the United States Geological Survey, prior to March 1, 2010 and wells registered with the DNR after March 1, 2010. The information has been carefully prepared from the best available sources of data. It is intended for general informational purposes only and should not be considered authoritative for navigational, engineering, other site-specific uses, or any other uses. The DNR does not warrant or guarantee its accuracy, nor does DNR assume any responsibility or liability for any reliance thereon.



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## **GeoPlus Oil & Gas Report**

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[Satellite view](#)

*Target Property:*

**Barber Bros.**

**GEISMAR, Ascension Parish County, Louisiana 70734**

*Prepared For:*

**GEC Inc.**

**Order #: 27589**

**Job #: 61912**

**Date: 08/09/2013**

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## **Table of Contents**

---

<i>Target Property Summary</i> . . . . .	1
<i>Database Findings Summary</i> . . . . .	2
<i>Locatable Database Findings</i> . . . . .	3
<i>OilGas Map</i> . . . . .	4
<i>Environmental Records Definitions</i> . . . . .	5

## Target Property Summary

**Barber Bros.**

**GEISMAR, Ascension Parish County, Louisiana 70734**

USGS Quadrangle: **Carville, LA**

Target Property Geometry: **Area**

Target Property Longitude(s)/Latitude(s):

(-91.026160, 30.206525), (-91.026160, 30.206525), (-91.028207, 30.204106), (-91.033665, 30.208510),  
(-91.027524, 30.215767), (-91.021384, 30.212355), (-91.022438, 30.210433), (-91.023927, 30.211301),  
(-91.023431, 30.211859), (-91.023244, 30.212541), (-91.024485, 30.212852), (-91.024857, 30.211983),  
(-91.025415, 30.211611), (-91.026532, 30.212231), (-91.027276, 30.211611), (-91.026842, 30.211177),  
(-91.027400, 30.210743), (-91.026780, 30.210060), (-91.028269, 30.208013), (-91.026160, 30.206525),  
(-91.026160, 30.206525)

County/Parish Covered:

Zipcode(s) Covered:

**Donaldsonville LA: 70346**

**Geismar LA: 70734**

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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## Database Findings Summary

### STATE (LA) LISTING

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
OIL AND GAS WELLS	<a href="#">OG</a>	0	0	0.5000
SUB-TOTAL		0	0	
TOTAL		0	0	

## Locatable Database Findings

### STATE (LA) LISTING

Acronym	Search Radius (miles)	Target Property	1/8 Mile (> TP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
OG	0.5000		0	0	0	0	NS	0

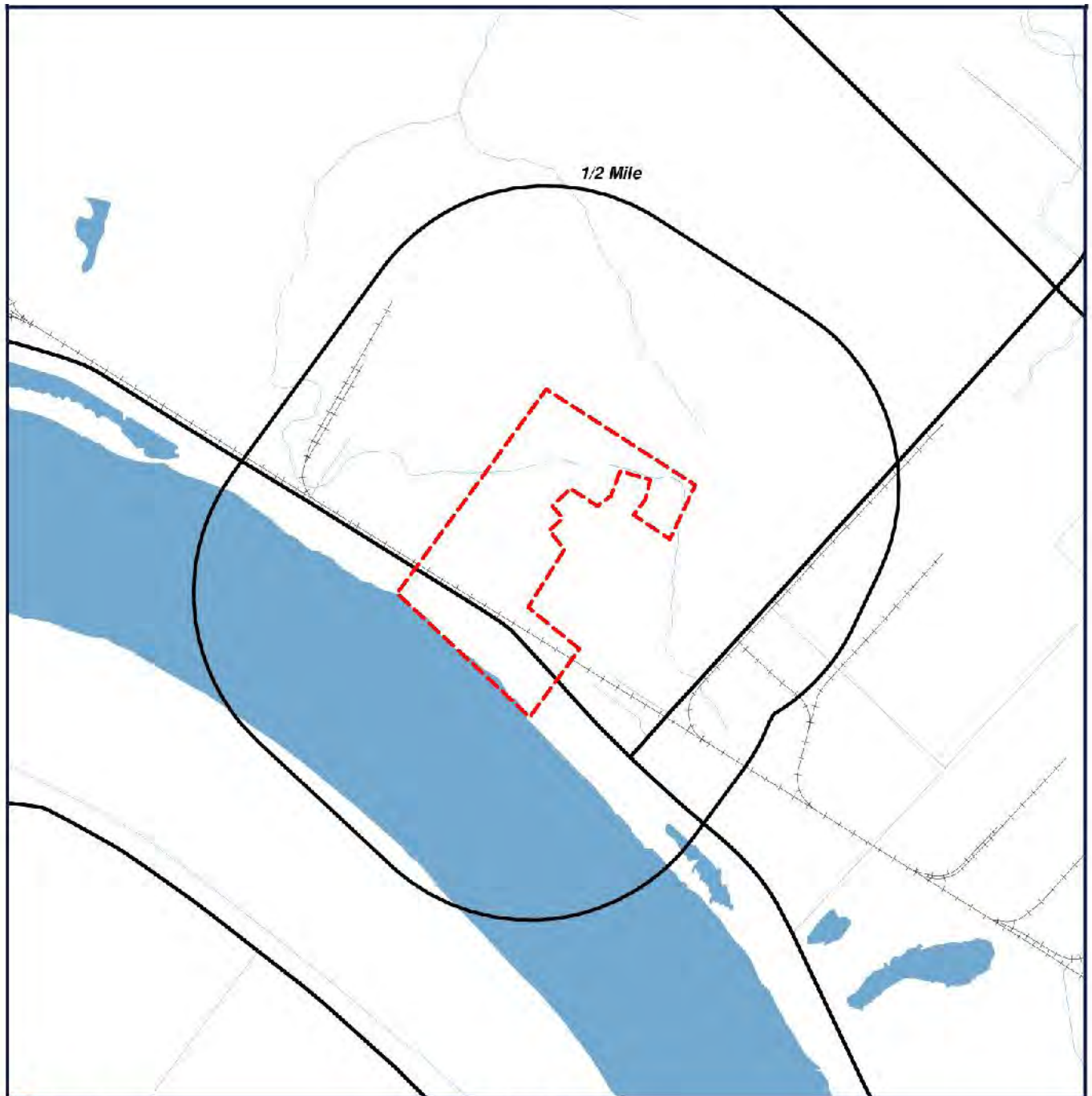
SUB-TOTAL			0	0	0	0	0	0
-----------	--	--	---	---	---	---	---	---

TOTAL			0	0	0	0	0	0
-------	--	--	---	---	---	---	---	---

#### NOTES:

NS = NOT SEARCHED

## OilGas Map



 Target Property (TP)  
 Well Location

**Barber Bros.**  
**GEISMAR, Louisiana**  
**70734**



0' 1000' 2000' 3000'  
SCALE: 1" = 2000'

[Click here to access Satellite view](#)

**GeoSearch** [www.geo-search.com](http://www.geo-search.com) 888-396-0042



## ***Environmental Records Definitions - STATE (LA)***

**OG**

Oil and Gas Wells

VERSION DATE: 07/19/13

This database contains over 230,000 permitted oil and gas wells and is maintained by the Louisiana Department of Natural Resources, Office of Conservation. The information has been carefully prepared from the best available sources of data. It is intended for general informational purposes only and should not be considered authoritative for navigational, engineering, other site-specific uses, or any other uses. The Louisiana Department of Natural Resources (DNR) does not warrant or guarantee its accuracy, nor does DNR assume any responsibility or liability for any reliance thereon.

## **Appendix D**

# **HISTORICAL TENANT SEARCH**

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## ***City Directory Standard Report***

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***Target Property:***

Highway 73,  
Geismar, LA 70734

***Prepared For:***

GEC Inc.

Order# : 27589

***Date : 8/8/2013***

# City Directory Standard Report

Highway 73, Geismar, LA 70734

R.L. Polk & Co.

Baton Rouge Suburban

2010

## Highway 73

Street Begins

4036 Amspec Service LLC

4268 Kinder Morgan Rubicon Terminal

6122 Kossen Equipment

6150 Plaquemine Glass Works

6167 No Current Listing

6173 Brown Alma V

Shivers Travis

6191 Brown Victoria

6211 First Pilgrim Calvary Lrnng

Mt Pilgrim Baptist Church

Cole Directory

Baton Rouge Suburban

2005

## Highway 73

Street Begins

4036 Braud Air & Power Tool Service

4067 Illinois Central Railroad

6173 Corey Boudreaux

6191 Victoria Brown

6205 Damon Darville

Cole Directory

Baton Rouge

2001

## Highway 73

Street Begins

4036 Braud Air & Pwr Svc

4067 Il Central RR

4095 Beverly Const Co

4101 The K Way Eqp Co

4268 Geismar Complx Fed

4338 Borden Plastics

Union Tank Car Co

6173 Corey Boudreaux

6191 Victoria Brown

6197 No Current Listing

6201 J C Hall

Cole Directory

Baton Rouge

1995

## Highway 73

Street Begins

4067 Illinois Cntrl RR

4095 Indstrl Gravel Cnt

4338 Big 3 Industries

Borden Chemcl & plst

Geismar Cmpx Fedrl

Union Tank Car Co

6197 S Wilson

6211 Mt Pilgrim Baptist

## ***City Directory Standard Report***

***Highway 73, Geismar, LA 70734***

Cole Directory

Baton Rouge

1990

### **Highway 73**

Street Begins

4001 Kway Equip Co

4067 Illinois Cntrl RR

6197 S Wilson

6211 Mt Pilgrim Baptist

Comments: **No coverage for Geismar prior to 1990.**

---

## ***City Directory Target Property Address***

---

***Target Property:***

*Highway 73,  
Geismar, LA 70734*

***Prepared For:***

GEC Inc.

Order# : 27589

***Date : 8/8/2013***

## City Directory Target Property Address

Highway 73, Geismar, LA 70734

2010	Street Begins	R.L. Polk & Co.	Baton Rouge Suburban
2005	Street Begins	Cole Directory	Baton Rouge Suburban
2001	Street Begins	Cole Directory	Baton Rouge
1995	Street Begins	Cole Directory	Baton Rouge
1990	Street Begins	Cole Directory	Baton Rouge

### 4001 Highway 73

1990	Kway Equip Co	Cole Directory	Baton Rouge
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### 4036 Highway 73

2010	Amspec Service LLC	R.L. Polk & Co.	Baton Rouge Suburban
2005	Braud Air & Power Tool Service	Cole Directory	Baton Rouge Suburban
2001	Braud Air & Pwr Svc	Cole Directory	Baton Rouge

### 4067 Highway 73

2005	Illinois Central Railroad	Cole Directory	Baton Rouge Suburban
2001	Il Central RR	Cole Directory	Baton Rouge
1995	Illinois Cntrl RR	Cole Directory	Baton Rouge
1990	Illinois Cntrl RR	Cole Directory	Baton Rouge

### 4095 Highway 73

2001	Beverly Const Co	Cole Directory	Baton Rouge
1995	Indstrl Gravel Cnt	Cole Directory	Baton Rouge

### 4101 Highway 73

2001	The K Way Eqp Co	Cole Directory	Baton Rouge
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### 4268 Highway 73

2010	Kinder Morgan Rubicon Terminal	R.L. Polk & Co.	Baton Rouge Suburban
2001	Geismar Complx Fed	Cole Directory	Baton Rouge

### 4338 Highway 73

2001	Borden Plastics	Cole Directory	Baton Rouge
	Union Tank Car Co	Cole Directory	Baton Rouge
1995	Big 3 Industries	Cole Directory	Baton Rouge
	Borden Chemcl & plst	Cole Directory	Baton Rouge
	Geismar Cmpx Fedrl	Cole Directory	Baton Rouge
	Union Tank Car Co	Cole Directory	Baton Rouge

### 6122 Highway 73

2010	Kossen Equipment	R.L. Polk & Co.	Baton Rouge Suburban
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## City Directory Target Property Address

Highway 73, Geismar, LA 70734

### 6150 Highway 73

2010	Plaquemine Glass Works	R.L. Polk & Co.	Baton Rouge Suburban
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### 6167 Highway 73

2010	No Current Listing	R.L. Polk & Co.	Baton Rouge Suburban
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### 6173 Highway 73

2010	Brown Alma V	R.L. Polk & Co.	Baton Rouge Suburban
	Shivers Travis	R.L. Polk & Co.	Baton Rouge Suburban
2005	Corey Boudreaux	Cole Directory	Baton Rouge Suburban
2001	Corey Boudreaux	Cole Directory	Baton Rouge

### 6191 Highway 73

2010	Brown Victoria	R.L. Polk & Co.	Baton Rouge Suburban
2005	Victoria Brown	Cole Directory	Baton Rouge Suburban
2001	Victoria Brown	Cole Directory	Baton Rouge

### 6197 Highway 73

2001	No Current Listing	Cole Directory	Baton Rouge
1995	S Wilson	Cole Directory	Baton Rouge
1990	S Wilson	Cole Directory	Baton Rouge

### 6201 Highway 73

2001	J C Hall	Cole Directory	Baton Rouge
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### 6205 Highway 73

2005	Damon Darville	Cole Directory	Baton Rouge Suburban
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### 6211 Highway 73

2010	First Pilgrim Calvary Lrng	R.L. Polk & Co.	Baton Rouge Suburban
	Mt Pilgrim Baptist Church	R.L. Polk & Co.	Baton Rouge Suburban
1995	Mt Pilgrim Baptist	Cole Directory	Baton Rouge
1990	Mt Pilgrim Baptist	Cole Directory	Baton Rouge

Comments: **No coverage for Geismar prior to 1990.**



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## ***City Directory Standard Report***

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***Target Property:***

Highway 75,  
Geismar, LA 70734

***Prepared For:***

GEC Inc.

Order# : 27589

***Date : 8/8/2013***

# City Directory Standard Report

Highway 75, Geismar, LA 70734

R.L. Polk & Co.

Baton Rouge Suburban

2010

## Highway 75

8404	BASF Chemicals Div
	Geismar Neighborhood Care Help
	Railserve Inc
	x [Highway 73 Ints]
9154	Praxair Distribution Inc
	Siemens Water Technologies
9156	Industrial Specialty Contr
	Rubicon LLC
9208	BJ Services Co
9288	Hexion Specialty Chemicals
	Kinder Morgan Inc
9436	Braud Welding & Indl Supply
9438	Jam Up Catering/Deli
9604	Barber Brothers Contracting Co
10280	Crosstex Energy Svc
10324	Shell Co
10334	LDH Energy
10790	Basic Chemical Solutions
10810	Innophos Inc

Cole Directory

Baton Rouge Suburban

2005

## Highway 75

8404	BASF Corp
9156	Rubicon Inc
9208	BJ Services Inc
9402	Keith Jackson
9436	Braud Welding & Indstrl Sply
9438	J & L Convenience Store
9598	Vulcan Materials Co
9604	Barber Brothers Contracting Co
10324	Enterprise Products Oprtng LP
10334	Bronco Construction Corps
10810	Rhodia Inc

## City Directory Standard Report

Highway 75, Geismar, LA 70734

Cole Directory

Baton Rouge

2001

### Highway 75

8404	Brown & Root
	Hydrochem Ind Serv
	Petrin Corp
9154	Praxair Distrib Inc
	US Filter Corp
9156	Rubicon Inc
	Spartan Constrcs
9176	Arkel Intrntl Inc
9208	Osca
9288	Borden Cheml Inc
	Merit Instrmntn
	PALA Instste Inc
9436	Braud Welding & Ind
9438	Browns Lunches
9482	Workshop Lng Inc
10324	Shell Co E & P Inc
10886	Air Prdcts & Chmcls
	Kinder Morgan Blk
	Pipeline TLLC
	x [End of Listings]

Cole Directory

Baton Rouge

1995

### Highway 75

8404	Davis International
9154	Liquid Carbonic
9156	Rubicon Inc
9208	Interstates Electr
	Osca
9436	Braud Co Wldng & Ind
9438	Browns Lunches
9482	Workshop Lounge
10280	Enron La Energy Co
	UCAR Pipeline
10324	Shell Companies
	Shell Tebone Plant
10810	Rhone Poulenc Inc

Cole Directory

Baton Rouge

1990

### Highway 75

7268	Carlines Geismar
	CCS Atlanta Inc
	Phildph Point Flt
9436	Braud Co Wldng & Ind
9438	Browns Lunches
9482	No Current Listing
10280	CSX-NGL Corp
	x [End of Listings]

## ***City Directory Standard Report***

***Highway 75, Geismar, LA 70734***

Comments: **No coverage for Geismar prior to 1990.**

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## ***City Directory Target Property Address***

---

***Target Property:***

Highway 75,  
Geismar, LA 70734

***Prepared For:***

GEC Inc.

Order# : 27589

***Date : 8/8/2013***

## City Directory Target Property Address

Highway 75, Geismar, LA 70734

### 7268 Highway 75

1990	Carlines Geismar	Cole Directory	Baton Rouge
	CCS Atlanta Inc	Cole Directory	Baton Rouge
	Phildph Point Flt	Cole Directory	Baton Rouge

### 8404 Highway 75

2010	BASF Chemicals Div	R.L. Polk & Co.	Baton Rouge Suburban
	Geismar Neighborhood Care Help	R.L. Polk & Co.	Baton Rouge Suburban
	Railserve Inc	R.L. Polk & Co.	Baton Rouge Suburban
	x [Highway 73 Ints]	R.L. Polk & Co.	Baton Rouge Suburban
2005	BASF Corp	Cole Directory	Baton Rouge Suburban
2001	Brown & Root	Cole Directory	Baton Rouge
	Hydrochem Ind Serv	Cole Directory	Baton Rouge
	Petrin Corp	Cole Directory	Baton Rouge
1995	Davis International	Cole Directory	Baton Rouge

### 9154 Highway 75

2010	Praxair Distribution Inc	R.L. Polk & Co.	Baton Rouge Suburban
	Siemens Water Technologies	R.L. Polk & Co.	Baton Rouge Suburban
2001	Praxair Distrb Inc	Cole Directory	Baton Rouge
	US Filter Corp	Cole Directory	Baton Rouge
1995	Liquid Carbonic	Cole Directory	Baton Rouge

### 9156 Highway 75

2010	Industrial Specialty Contr	R.L. Polk & Co.	Baton Rouge Suburban
	Rubicon LLC	R.L. Polk & Co.	Baton Rouge Suburban
2005	Rubicon Inc	Cole Directory	Baton Rouge Suburban
2001	Rubicon Inc	Cole Directory	Baton Rouge
	Spartan Cnstrctr	Cole Directory	Baton Rouge
1995	Rubicon Inc	Cole Directory	Baton Rouge

### 9176 Highway 75

2001	Arkel Intrntl Inc	Cole Directory	Baton Rouge
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## City Directory Target Property Address

Highway 75, Geismar, LA 70734

### 9208 Highway 75

2010	BJ Services Co	R.L. Polk & Co.	Baton Rouge Suburban
2005	BJ Services Inc	Cole Directory	Baton Rouge Suburban
2001	Osca	Cole Directory	Baton Rouge
1995	Interstates Electr	Cole Directory	Baton Rouge
	Osca	Cole Directory	Baton Rouge

### 9288 Highway 75

2010	Hexion Specialty Chemicals	R.L. Polk & Co.	Baton Rouge Suburban
	Kinder Morgan Inc	R.L. Polk & Co.	Baton Rouge Suburban
2001	Borden Cheml Inc	Cole Directory	Baton Rouge
	Merit Instrmntn	Cole Directory	Baton Rouge
	PALA Instste Inc	Cole Directory	Baton Rouge

### 9402 Highway 75

2005	Keith Jackson	Cole Directory	Baton Rouge Suburban
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### 9436 Highway 75

2010	Braud Welding & Indl Supply	R.L. Polk & Co.	Baton Rouge Suburban
2005	Braud Welding & Indstrl Sply	Cole Directory	Baton Rouge Suburban
2001	Braud Welding & Ind	Cole Directory	Baton Rouge
1995	Braud Co Wldng & Ind	Cole Directory	Baton Rouge
1990	Braud Co Wldng & Ind	Cole Directory	Baton Rouge

### 9438 Highway 75

2010	Jam Up Catering/Deli	R.L. Polk & Co.	Baton Rouge Suburban
2005	J & L Convenience Store	Cole Directory	Baton Rouge Suburban
2001	Browns Lunches	Cole Directory	Baton Rouge
1995	Browns Lunches	Cole Directory	Baton Rouge
1990	Browns Lunches	Cole Directory	Baton Rouge

### 9482 Highway 75

2001	Workshop Lng Inc	Cole Directory	Baton Rouge
1995	Workshop Lounge	Cole Directory	Baton Rouge
1990	No Current Listing	Cole Directory	Baton Rouge

### 9598 Highway 75

2005	Vulcan Materials Co	Cole Directory	Baton Rouge Suburban
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## City Directory Target Property Address

Highway 75, Geismar, LA 70734

### 9604 Highway 75

2010	Barber Brothers Contracting Co	R.L. Polk & Co.	Baton Rouge Suburban
2005	Barber Brothers Contracting Co	Cole Directory	Baton Rouge Suburban

### 10280 Highway 75

2010	Crosstex Energy Svc	R.L. Polk & Co.	Baton Rouge Suburban
1995	Enron La Energy Co	Cole Directory	Baton Rouge
	UCAR Pipeline	Cole Directory	Baton Rouge
1990	CSX-NGL Corp	Cole Directory	Baton Rouge
	x [End of Listings]	Cole Directory	Baton Rouge

### 10324 Highway 75

2010	Shell Co	R.L. Polk & Co.	Baton Rouge Suburban
2005	Enterprise Products Oprtnng LP	Cole Directory	Baton Rouge Suburban
2001	Shell Co E & P Inc	Cole Directory	Baton Rouge
1995	Shell Tebone Plant	Cole Directory	Baton Rouge
	Shell Companies	Cole Directory	Baton Rouge

### 10334 Highway 75

2010	LDH Energy	R.L. Polk & Co.	Baton Rouge Suburban
2005	Bronco Construction Corps	Cole Directory	Baton Rouge Suburban

### 10790 Highway 75

2010	Basic Chemical Solutions	R.L. Polk & Co.	Baton Rouge Suburban
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### 10810 Highway 75

2010	Innophos Inc	R.L. Polk & Co.	Baton Rouge Suburban
2005	Rhodia Inc	Cole Directory	Baton Rouge Suburban
1995	Rhone Poulenc Inc	Cole Directory	Baton Rouge

### 10886 Highway 75

2001	Air Prdcts & Chmcls	Cole Directory	Baton Rouge
	Kinder Morgan Blk	Cole Directory	Baton Rouge
	Pipeline TLLC	Cole Directory	Baton Rouge
	x [End of Listings]	Cole Directory	Baton Rouge

Comments: **No coverage for Geismar prior to 1990.**



# **Appendix E**

## **FIRE INSURANCE MAP DOCUMENTATION**

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**Date:** 08/07/13

**GS Job Number:** 27589

**Company Name:** GEC Inc.

**Project Number:**

**Site Information:** Barber Bros.  
Geismar, Louisiana 70734

The collections of fire insurance maps listed below were reviewed according to the site information supplied by client. Based on the information provided, no coverage is available.

Library of Congress  
University Publications of America  
Other Libraries (universities, state, local, etc.).

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## Appendix F

# HISTORICAL TOPOGRAPHIC MAPS

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## ***Historical Topographic Maps***

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<http://www.geo-search.net/QuickMap/index.htm?DataID=Standard0000061909>

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

*Target Property:*

***Barber Bros.***

***GEISMAR, Ascension Parish, Louisiana 70734***

*Prepared For:*

***GEC Inc.***

***Order #: 27589***

***Job #: 61909***

***Date: 08/07/2013***

## TARGET PROPERTY SUMMARY

**Barber Bros.**

**GEISMAR, Ascension Parish, Louisiana 70734**

USGS Quadrangle: **Carville, LA**

Target Property Geometry: **Area**

Target Property Longitude(s)/Latitude(s):

(-91.026160, 30.206525), (-91.026160, 30.206525), (-91.028207, 30.204106), (-91.033665, 30.208510), (-91.027524, 30.215767), (-91.021384, 30.212355), (-91.022438, 30.210433), (-91.023927, 30.211301), (-91.023431, 30.211859), (-91.023244, 30.212541), (-91.024485, 30.212852), (-91.024857, 30.211983), (-91.025415, 30.211611), (-91.026532, 30.212231), (-91.027276, 30.211611), (-91.026842, 30.211177), (-91.027400, 30.210743), (-91.026780, 30.210060), (-91.028269, 30.208013), (-91.026160, 30.206525), (-91.026160, 30.206525)

County/Parish Covered:

**Ascension (LA)**

Zipcode(s) Covered:

**Donaldsonville LA: 70346**

**Geismar LA: 70734**

State(s) Covered:

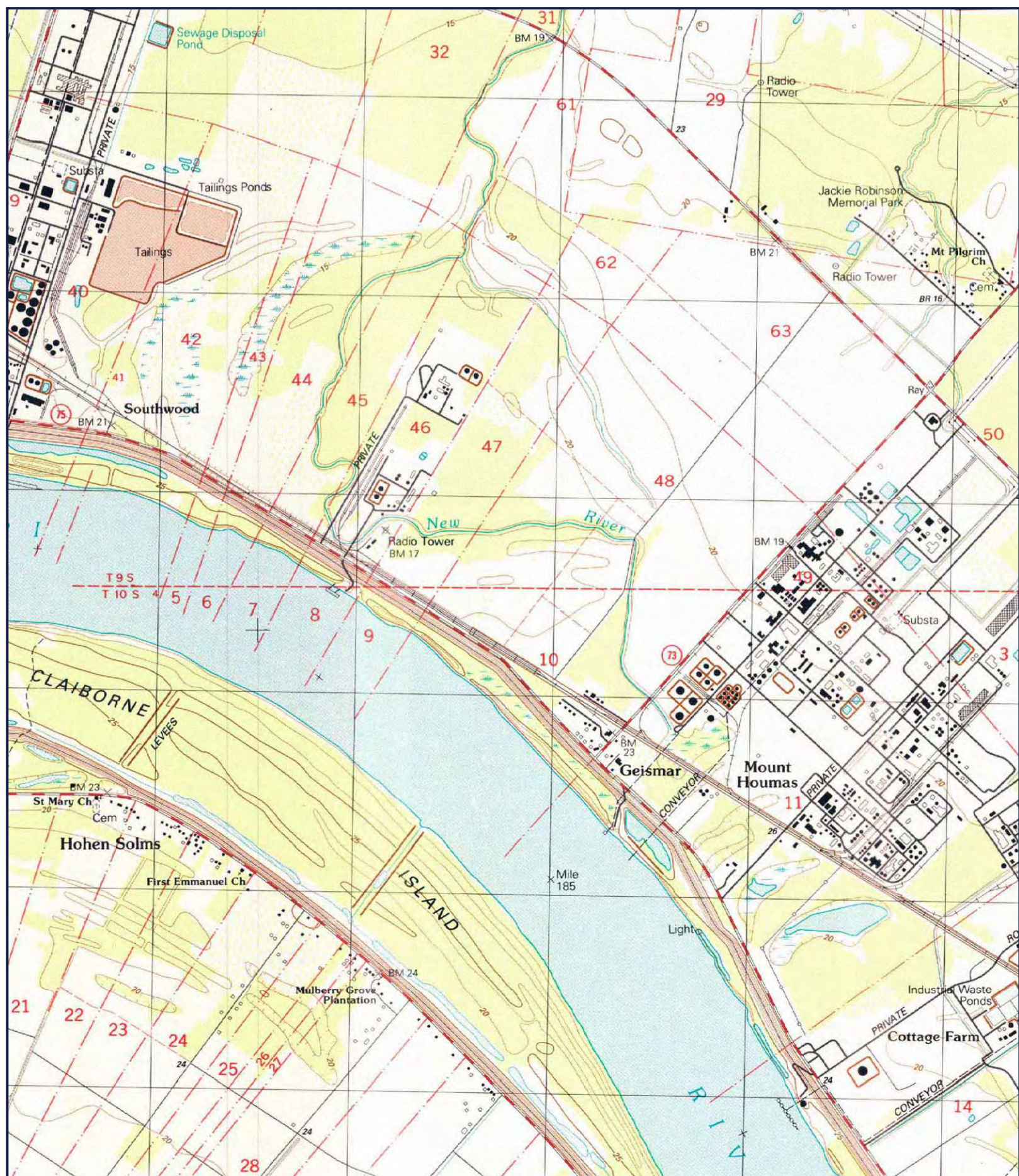
**LA**

**\*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).**

Disclaimer - The information provided in this report was obtained from a variety of public sources. GeoSearch cannot ensure and makes no warranty or representation as to the accuracy, reliability, quality, errors occurring from data conversion or the customer's interpretation of this report. This report was made by GeoSearch for exclusive use by its clients only. Therefore, this report may not contain sufficient information for other purposes or parties. GeoSearch and its partners, employees, officers and independent contractors cannot be held liable for actual, incidental, consequential, special or exemplary damages suffered by a customer resulting directly or indirectly from any information provided by GeoSearch.





**SITE: BARBER BROS.**  
**QUAD: CARVILLE, LA**  
**DATE: 1999**  
**SCALE: 1 : 24,000**

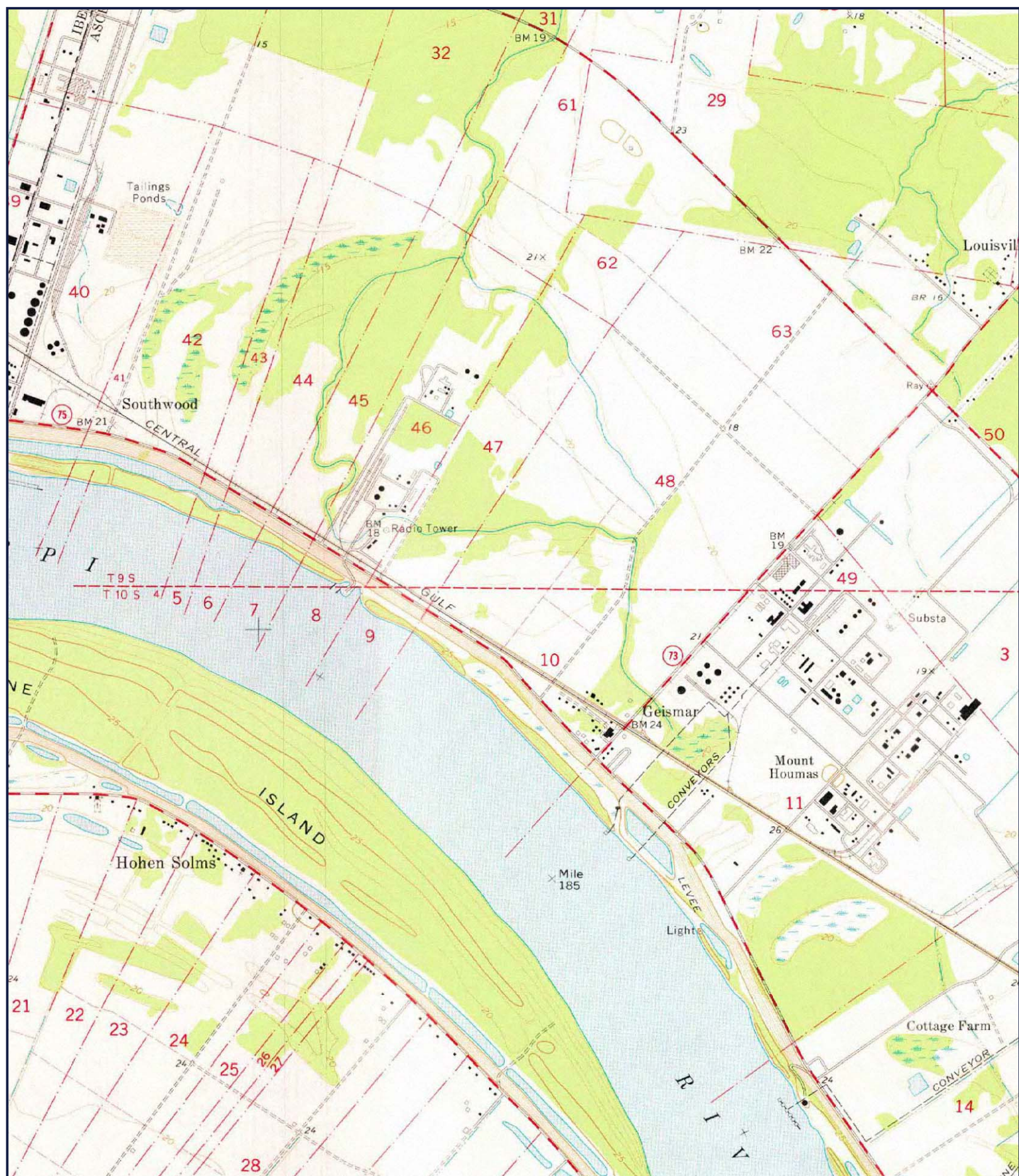
**GeoSearch**





**GeoSearch**

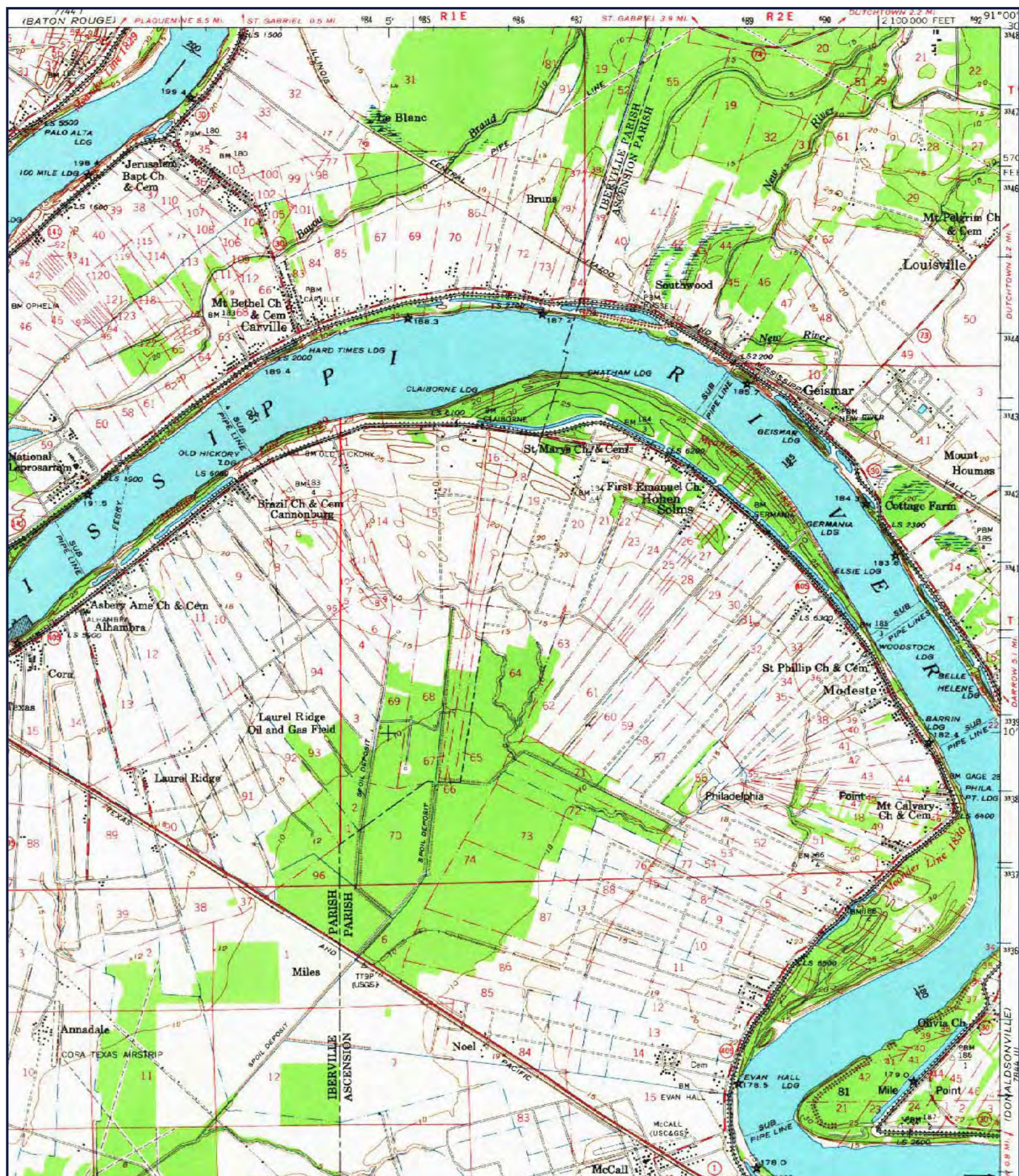




**SITE: BARBER BROS.**  
**QUAD: CARVILLE, LA**  
**DATE: 1974**  
**SCALE: 1 : 24,000**

**GeoSearch**

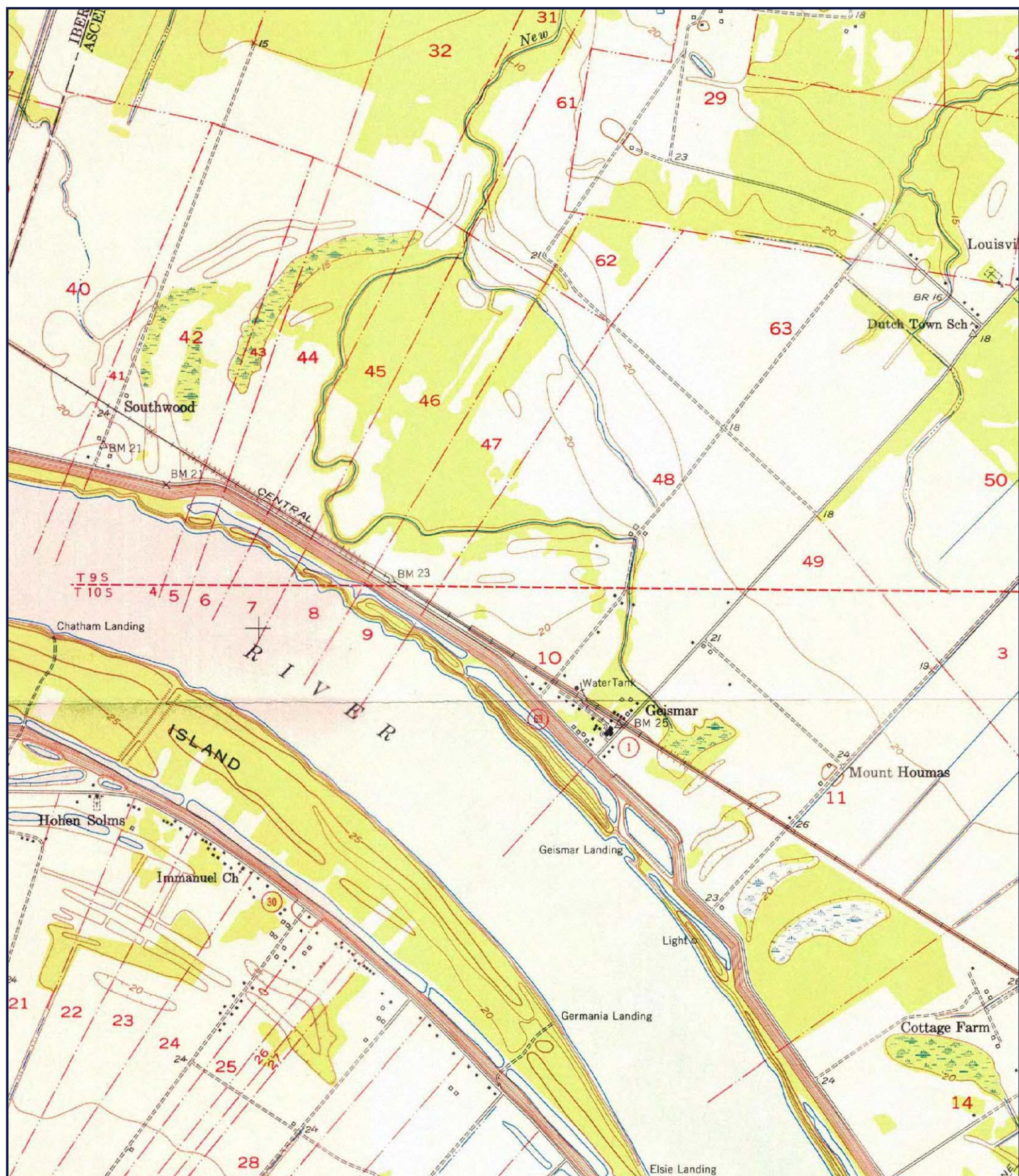




**SITE: BARBER BROS.**  
**QUAD: WHITE CASTLE, LA**  
**DATE: 1963**  
**SCALE: 1 : 62,500**

**GeoSearch**

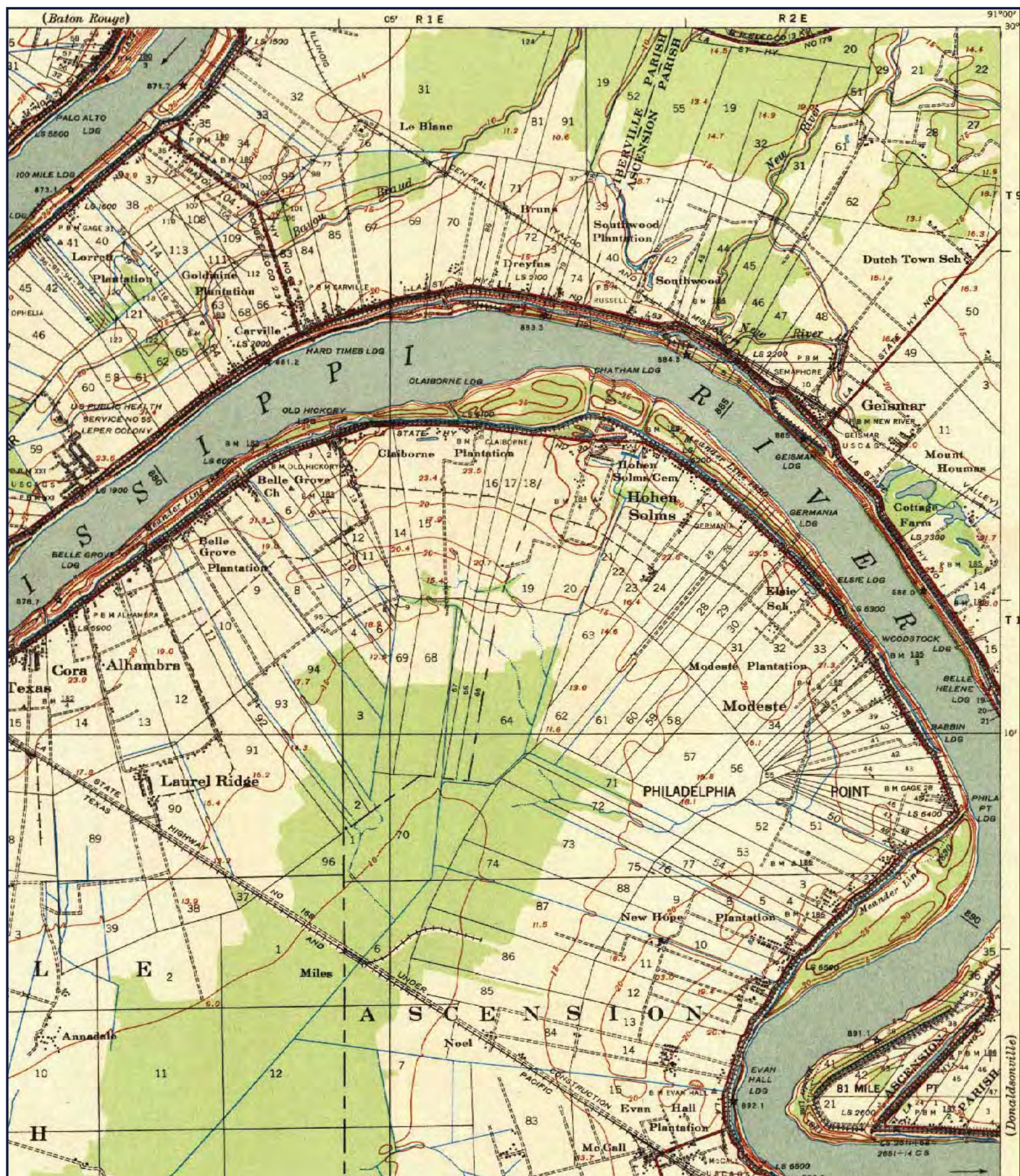




**SITE: BARBER BROS.**  
**QUAD: CARVILLE, LA**  
**DATE: 1953**  
**SCALE: 1 : 24,000**

**GeoSearch**





SITE: BARBER BROS.  
 QUAD: WHITE CASTLE, LA  
 DATE: 1936  
 SCALE: 1 : 62,500

GeoSearch



## **Appendix G**

### **HISTORICAL AERIAL MAPS**



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## ***Historical Aerials for Packages***

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<http://www.geo-search.net/QuickMap/index.htm?DataID=Standard0000061911>

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

*Target Property:*

***Barber Bros.***

***GEISMAR, Ascension Parish, Louisiana 70734***

*Prepared For:*

***GEC Inc.***

***Order #: 27589***

***Job #: 61911***

***Date: 08/08/2013***

## TARGET PROPERTY SUMMARY

**Barber Bros.**

**GEISMAR, Ascension Parish, Louisiana 70734**

USGS Quadrangle: **Carville, LA**

Target Property Geometry: **Area**

Target Property Longitude(s)/Latitude(s):

(-91.026160, 30.206525), (-91.026160, 30.206525), (-91.028207, 30.204106), (-91.033665, 30.208510), (-91.027524, 30.215767), (-91.021384, 30.212355), (-91.022438, 30.210433), (-91.023927, 30.211301), (-91.023431, 30.211859), (-91.023244, 30.212541), (-91.024485, 30.212852), (-91.024857, 30.211983), (-91.025415, 30.211611), (-91.026532, 30.212231), (-91.027276, 30.211611), (-91.026842, 30.211177), (-91.027400, 30.210743), (-91.026780, 30.210060), (-91.028269, 30.208013), (-91.026160, 30.206525), (-91.026160, 30.206525)

County/Parish Covered:

**Ascension (LA)**

Zipcode(s) Covered:

**Donaldsonville LA: 70346**

**Geismar LA: 70734**

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 #: 61911 - 8/8/2013

**SITE:** BARBER BROS.  
**SOURCE:** USDA  
**DATE:** 2010  
**COUNTY:** ASCENSION PARISH, LA  
**SCALE:** 1" = 700'

**GeoSearch**





JOB #: 61911 - 8/8/2013

**SITE:** BARBER BROS.  
**SOURCE:** LOSCO  
**DATE:** 02-23-1998  
**COUNTY:** ASCENSION PARISH, LA  
**SCALE:** 1" = 700'

**GeoSearch**





JOB #: 61911 - 8/8/2013

**SITE:** BARBER BROS.  
**SOURCE:** USGS  
**DATE:** 10-28-83  
**COUNTY:** ASCENSION PARISH, LA  
**SCALE:** 1" = 700'

**GeoSearch**





JOB #: 61911 - 8/8/2013

**SITE:** BARBER BROS.  
**SOURCE:** USGS  
**DATE:** 02-26-73  
**COUNTY:** ASCENSION PARISH, LA  
**SCALE:** 1" = 700'

**GeoSearch**



JOB #: 61911 - 8/8/2013

**SITE:** BARBER BROS.  
**SOURCE:** USGS  
**DATE:** 04-13-61  
**COUNTY:** ASCENSION PARISH, LA  
**SCALE:** 1" = 700'

**GeoSearch**



JOB #: 61911 - 8/12/2013

**SITE:** BARBER BROS.  
**SOURCE:** ASCS  
**DATE:** 01-15-57  
**COUNTY:** ASCENSION PARISH, LA  
**SCALE:** 1" = 700'

**GeoSearch**





JOB #: 61911 - 8/12/2013

**SITE:** BARBER BROS.  
**SOURCE:** ASCS  
**DATE:** 01-15-57  
**COUNTY:** ASCENSION PARISH, LA  
**SCALE:** 1" = 700'

**GeoSearch**



JOB #: 61911 - 8/12/2013

**SITE:** BARBER BROS.  
**SOURCE:** ASCS  
**DATE:** 03-04-41  
**COUNTY:** ASCENSION PARISH, LA  
**SCALE:** 1" = 700'

**GeoSearch**

# Appendix H

## **PHOTOGRAPHS**

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**Photograph 1. Entrance to Property at LA 75 and Waterloo Road**



**Photograph 2. Pipeline Marker with Parked Rail Cars Behind;  
on Property Parallel to LA 75**





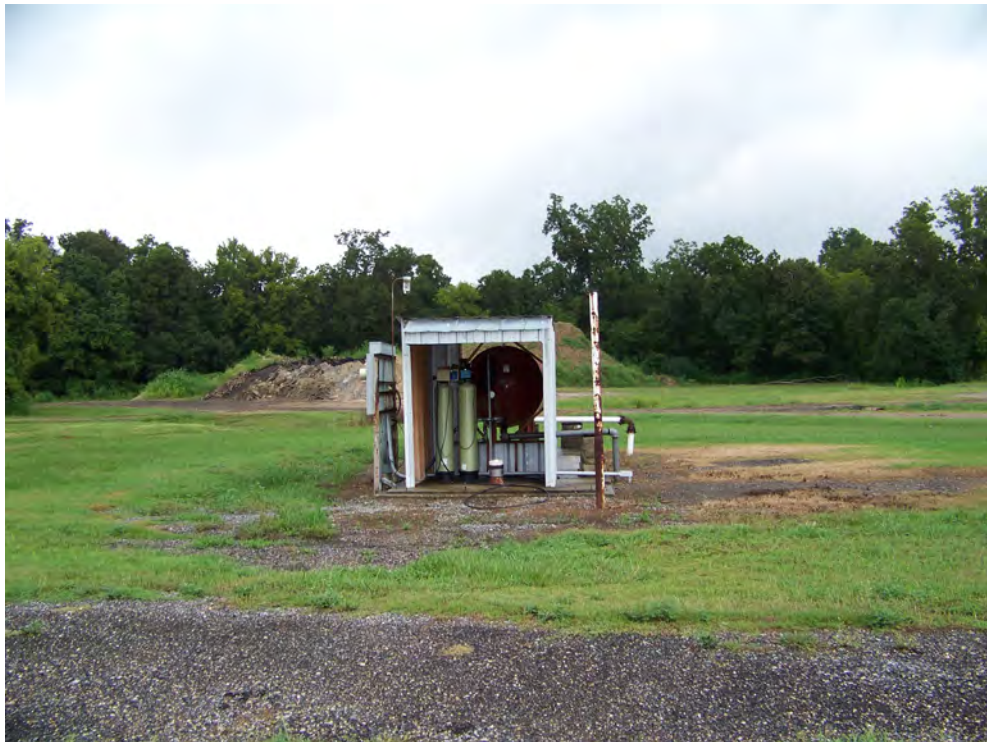
**Photograph 3. Central Portion of Property**



**Photograph 4. Gardens on Property**



**Photograph 5. Typical Pole Mounted Transformers on Property**



**Photograph 6. Well Shed and Primary Water Supply Well**





**Photograph 7. Fluorspar Storage Warehouse**



**Photograph 8. Well Shed and Well in Northeastern Corner of Property  
Showing Stressed Grass**





**Photograph 9. Rock-Armored Storm Drain near Warehouse**



**Photograph 10. New River Entering Property from the East**





**Photograph 11. Asphalt Storage along Property Boundary with Barber Brothers Facility**



**Photograph 12. Scrap Metal Stored on Northern Portion of Property**





**Photograph 13. Storage Area on Northern Portion of Property**



**Photograph 14. Fuel Tank in Northern Portion of Property**



**Photograph 15. Wooded Area and New Pipeline along Northern Property Boundary**



**Photograph 16. Barber Brothers Facility Inset to Property**





**Photograph 17. Limestone at Vulcan Facility Inset to Property**



**Photograph 18. Conveyor and Dock on Batture Portion of Property**



**Photograph 19. Riverfront Portion of Property**



**Photograph 20. Debris along Tree Line on Levee/Batture**