### Exhibit R Petty North ESA 1



# Petty Company – 99 Acre Tract Phase I Environmental Site Assessment

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#### **EXECUTIVE SUMMARY**

PAC ENVIRONMENTAL (PAC) (preparer) was retained by Denmon Engineering to perform a *Phase I Environmental Site Assessment (ESA)* of a 93.898 acres tract of land located in Ouachita Parish, at Latitude 32.5206000N, Longitude 91.9863000W in Monroe, LA 71203, with frontage on both Highway 80 East and Highway 594.

This reporting is based on the information provided by research of reasonably obtainable records, Environmental Data Resources (EDR) database and site reconnaissance. Kadie Romano of PAC Environmental conducted a site reconnaissance on 8/29/14. All information provided herein pertains only to the current conditions of the target *property*.

PAC has conducted this Phase I ESA in general accordance with the American Society for Testing Materials (ASTM) Practice E1527-13, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process" and hereby provides the findings and conclusions.

PAC DID NOT identify any recognized environmental condition that indicates the presence or likely presence of hazardous substances and/or petroleum products on the property, which could indicate an existing release, a past release, or a material threat of a release of hazardous substances and/or petroleum products on the property.

#### 1.3 Limitations and Exceptions of Assessment

There may be environmental issues or conditions at a *property* that parties may wish to assess in connection with commercial real estate that are outside the scope of ASTM Designation: E-1527-13 (non-scope considerations). Non-scope considerations may include but are not limited to:

Lead in Drinking Water
Lead-Based Paint
Asbestos-Containing Building Materials
Radon
Mold
Wetlands
Regulatory Compliance
Indoor Air Quality

Cultural and Historic Resources Industrial Hygiene Health & Safety Ecological Resources Endangered Species Biological Agents

The Phase I Environmental Site Assessment (ESA) is intended to reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions in connection with the property, and recognizes reasonable limits of time and cost. This ESA Report is completed without adequate subsurface exploration of soil and chemical screening of groundwater; no scientific certainty statement can be made regarding latent subsurface conditions from on-site or off-site. The findings and conclusions of this report are not scientific certainties but rather probabilities based on professional judgment concerning the significance of the data gathered during the course of the ESA.

The opinions included herein are based on information obtained during the ESA and PAC's experience. If additional information becomes available which might impact PAC's environmental conclusions, PAC requests the opportunity to review the information, reassess the potential concerns, and modify our opinion if warranted. All conclusions and recommendations within this report are based upon prevailing circumstances at the time of the report preparation.

Although this assessment has attempted to identify the potential for contamination of the subject *property*, potential sources of contamination may have escaped detection due to the limited scope of this assessment, the inaccuracy of public records, or the presence of undetected and unreported environmental accidents.

The method of investigation for the scope considerations was a site reconnaissance where PAC conducted a site visit to the property. The site reconnaissance is a visual observation of the subject property and the adjoining properties, where any physical structures on the property were documented.

The scope of this project is limited to matters expressly described in the report. The report was prepared for the sole benefit of Denmon Engineering and this report may not be relied upon by any entity without written approval from **PAC** via authorization from Denmon Engineering.

South 89°48'42" West along the North right of way of Huenefeld Road, a distance of 1410.41' to a found ¾" iron pin at the intersection of the North right of way of Huenefeld Road and the Southeast corner of a 7.00 acre tract for State Police Troop "F"; thence, observed North 00°04'35" West along the East property line of said 7.00 acre tract, a distance of 400.34' to a found ¾" iron pin; thence, observed South 89°58'45" West along the North property line of said 7.00 acre tract, a distance of 785.27' back to a found ¾" iron pin on the East right of way of Louisiana Highway 594 and the POINT OF BEGINNING and containing 93.898 acres more or less.

#### 2.2 Site and Vicinity General Characteristics

#### Site Surface and Landforms:

The property elevation is relatively flat in all directions except for a slight rise to the North. The elevation at the target property is 71 feet. The general topographic gradient is to the South South West (SSW). See Appendix F – EDR Reporting.

The main rock stratigraphic unit code is Qh, which describes the Era, System, and Series of the rock formation that is characteristic of the *target property*.

The soil component name at the *target property* is HEBERT, with surface texture of silt loam. The depth to the water table at the *target property* is 1 to 3 feet. This can be seen in the SSURGO SOIL MAP in Appendix F.

Silty loam soils are somewhat poorly drained soils with a slow infiltration rate. Because the soils have a slow infiltration rate, the *target property* has a hydraulic conductivity that is low which impedes movement of water downward. The soils of the target property have a wet state high in profile.

				Soil Layer Inform	ation				
	Boundary Classification			ication					
Layer	Upper	Lower	Soil Texture Class	AASHTO Group Unified Soil		Permeability Rate (in/hr)		Soil Reaction (pH)	
1	0 in.	10 in.	silt loam	Silt-Clay materials (more than 35 pct. Passing No. 200), Silty Soils	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: Min:	2.00 0.60	Max: Min:	7.30 4.50
2	10 in.	37 in.	loam	Silt-Clay materials (more than 35 pct. Passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay.	Max: Min:	0.60 0.20	Max: Min:	6.50 4.50

#### 4.1 Standard Environmental Record Sources

The following section is based on public information obtained from federal and state agencies that maintain environmental regulatory databases. These databases provide information about the regulatory status (compliance, enforcement, and corrective actions taken) of a site and any incidents reported which involve hazardous materials use, storage, or transportation. PAC compiled the information through Envirofacts Warehouse Database, a website created and maintained by EPA (<a href="http://www.epa.gov/enviro/html">http://www.epa.gov/enviro/html</a>), and the EDR (Environmental Data Resources) database. See Appendix F.

The records review pertains to the target *property* and the adjacent properties within the radius of survey. The survey radius is from 0.25 - 1.00 mile.

Mapped sites were not found in EDR's search of available ("reasonably ascertainable") government records either on the *target property* or within the search radius around the target property for the following databases:

#### 4.1.1 National Priority List (NPL)

The NPL is an EPA listing of uncontrolled and abandoned hazardous waste sites targeted for long-term remedial action under the Superfund Act. PAC reviewed the NPL data, and did not find any listing in either the delisted, proposed, or current national priority site. EPA's Environmental Photographic Interpretation Center (EPIC) can provide a complete coverage encompassing the NPL sites within the area in question. The State of Louisiana is under EPA Region 6, and EPA's Regional Office telephone number is 1-214-655-6659.

Based on the search, the *target property* and the surrounding properties are *not listed* in the Federal NPL or the Federal Delisted NPL site list.

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

CERCLIS contains data on potential hazardous waste sites that have been reported to the EPA by states, municipalities, and private persons pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA/Superfund).

The Superfund Amendments and Reauthorization Act of 1986 (SARA) has changed a portion of the legislation under CERCLA of 1980 in the area of real estate property transactions. This is because SARA recognized that the landowner who had no direct contact or connection with the release of any hazardous substance(s) at the property should not be held liable under the old statute of CERCLA. Therefore, SARA provides the "innocent landowner defense", which is

#### (b) SQG: Small Quantity Generators

→ generate between 100 kg and 1,000 kg of hazardous waste per month.

#### (c) LQG: Large Quantity Generators

→ generate over 1,000 kg of hazardous waste or over 1 kg of acutely hazardous waste per month.

A review of the RCRA Generators database *DID NOT reveal* information pertinent to recognized environmental conditions.

CORRACTS is a database that provides information pertaining to all RCRA sites that are undergoing corrective action orders, pursuant to the RCRA Section 3008(h) when there has been a release of hazardous waste or chemical constituents into the environment from a RCRA facility. Corrective actions may require the facility to maintain a TSD permit regardless of when the release occurred, and/or may require corrective action beyond the facility's boundary.

A review of this database *DID NOT reveal* any CORRACTS information pertinent to recognized environmental conditions at the target property.

The Toxics Release Inventory System (TRIS) is an online database maintained by EPA that compiles a list of about 650 toxic chemicals which are being used, manufactured, treated, transported, or released into the environment. This tracking system can provide information on the facilities of interest (or within a survey radius) and the chemical(s) reporting of total air emission volume, volume amount and location(s) of surface water discharges, releases to land, if any underground injection has occurred, or any transfer to off-site locations regarding the facilities of interest.

The Toxic Release Inventory System database search DID NOT reveal any information pertinent to recognized environmental conditions at the target property.

#### 4.1.4 Federal Emergency Response Notification System (ERNS)

ERNS is a national database of sudden and accidental releases of hazardous substances and oil into the environment, which may occur at a manufacturing site or in transit of the substance(s). The compiled data can be used to analyze spills and to support planning efforts by federal, state, and local governments. This database is maintained by the EPA and has been replaced with the National Response Center (NRC).

ERNS/NRC records *DID NOT report* any releases of oil or hazardous substances for the subject *property* or the adjoining properties.

The NRCs primary function is to serve as the sole national point of contact for reporting all oil, chemical, radiological, biological and etiological discharges into the environment in the United States and its territories. There WERE NO NRC sites identified for the target area.

TRIS	Toxic Chemical Release Inventory System identifies facilities, which release toxic chemicals to the air, water and land in		
	reportable quantities under SARA Title III Section 313.		
TSCA	Toxic Substances Control Act.		
UMTRA	Uranium Mill Tailing Sites Monitored by the Department of		
	Energy.		
US BROWNFIELDS	A Listing of Brownfields Sites		
US ENG CONTROLS	Engineering Controls Sites List		
US INST CONTROL	Sites With Institutional Controls		
DOT OPS	Incident and Accident Data		
US CDL	Clandestine Drug Labs		
LUCIS	Land Use Control Information System		
FTTS	Federal Insecticide, Fungicide, & Rodenticide Tracking System		
RADINFO	Radiation Information Database		
RCRA-NonGen	RCRA – Non Generators		
UIC	Underground Injection Wells Listing		
PCB Transformer	PCB Transformer Registration Database		
Asbestos	Asbestos Projects List		
FEMA UST	Underground Storage Tank Listing		
BROWNFIELDS	Brownfields Inventory		
DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations		
INDIAN ODI	Report on the Status of Open Dumps on Indian Lands		
DEL SHWS	Deleted Potential & Confirmed Sites		
CDL	Clandestine Drug Lab		
US HIST CDL	National Clandestine Laboratory Register		
LIENS	Environmental Liens		
SPILLS	Emergency Response Section Incidents		
SPILLS 90	SPILLS 90 data form FirstSearch		
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing		
RMP	Risk Management Plans		
AIRS	Air Permit List		
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing		
2020 COR ACTION	2020 Corrective Action Program List		
COAL ASH DOE			
Financial Assurance	Steam-Electric Plant Operation Data		
	Financial Assurance Information		
US FIN ASSUR	Financial Assurance Information		
COAL ASH	Coal Ash Disposal Sites		
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List		
EPA WATCH LIST	EPA WATCH LIST		
REM	Division of Remediation Services Database		
LEAD SMELTERS	Lead Smelter Sites		
PRP	Potentially Responsible Parties		
US AIRS	Aerometric Information Retrieval System Facility Subsystem		
EDR MGP	EDR Proprietary Manufactured Gas Plants		
EDR US Hist Auto Stat	EDR Exclusive Historic Gas Stations		
EDR US Hist Cleaners	EDR Exclusive Historic Dry Cleaners		
RGA HWS	Recovered Government Archive State Hazardous Waste Facilities List		
RGA LUST	Recovered Government Archive Leaking Underground		

#### 4.1.10 Underground Storage Tank (UST)

The Federal Underground Storage Tank (UST) regulations require that all contaminated UST sites be cleaned up to restore and protect groundwater resources and create a safe environment for those who live or work around these sites. Contamination from petroleum releases can make water unsafe to drink, present fire and explosion hazards, as well as produce long-term health effects.

USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state UST program (LDEQ UST Division).

A review of the UST list, provided by EDR, DID NOT reveal *UST sites* within the 0.250 mile search radius of the target property.

#### 4.1.11 Records of Emergency Release Reports

The Hazardous Materials Information Resource System (HMIRS) contains data on spills, releases, or other incidents involving hazardous materials during the course of transportation. All modes of transportation are included except pipeline and bulk marine transportation.

The Emergency Response Section Incidents (SPILLS) is a database that is maintains by the Department of Environmental Quality. This database reports spills and/or releases that occur on land.

A review of the Records of Emergency Release Report, as provided by EDR, did not reveal any SPILLS NOR HMIRS records at the target property.

#### 4.1.12 Historical Leaking Underground Storage Tank (HIST LUST)

The Historical Leaking Underground Storage Tanks (HIST LUST) is a database maintained by the Department of Environmental Quality. LUST records contain an inventory of reported leaking underground storage tank incidents.

The Department of Environmental Quality's Underground Storage Tank Case History Incidents database DID NOT reveal *HIST LUST sites* within the ASTM search radius.

#### 4.1.13 Drycleaners (Drycleaner Facility Listing)

Federal (Environmental Protection Agency) and state laws (Louisiana Department of Environmental Quality) govern dry cleaners. They require the use of certain types of dry cleaning equipment and specific waste management practices. Air, hazardous waste, and wastewater regulations apply to dry cleaners.

18	LADT30000140681	1/2 - 1 Mile SSW
H20	LADT30000141020	1/2 - 1 Mile ESE
H21	LADT30000140895	1/2 - 1 Mile ESE
122	LADT30000142282	1/2 - 1 Mile NNW
J26	LADT30000141021	1/2 - 1 Mile ESE
J27	LADT30000141091	1/2 - 1 Mile ESE
K28	LADT30000142404	1/2 - 1 Mile North
K30	1073108001	1/2 - 1 Mile North
31	LADT30000142341	1/2 - 1 Mile NW
L32	LADT30000142595	1/2 - 1 Mile North
34	LADT30000140442	1/2 - 1 Mile SSW
M35	LADT30000141206	1/2 - 1 Mile West

#### STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	LAOG70000187836	1/8 - 1/4 Mile ESE
2	LAOG70000187977	1/8 - 1/4 Mile WNW
A3	LAOG70000187835	1/8 - 1/4 Mile ESE
4	LAOG70000187559	1/4 - 1/2 Mile SSE
5	LAOG70000188224	1/4 - 1/2 Mile North
6	LAOG70000187523	1/4 - 1/2 Mile SSW
7	LAOG70000187727	1/4 - 1/2 Mile ESE
8	LAOG70000188206	1/4 - 1/2 Mile NNW
9	LAOG70000188281	1/2 - 1 Mile NNE
B10	LAOG70000187389	1/2 - 1 Mile SSW
B11	LAOG70000187388	1/2 - 1 Mile SSW
12	LAOG70000188346	1/2 - 1 Mile North
C13	LAOG70000188425	1/2 - 1 Mile North
14	LAOG70000188417	1/2 - 1 Mile NNW
C15	LAOG70000188433	1/2 - 1 Mile North
C16	LAOG70000188434	1/2 - 1 Mile North
17	LAOG70000188347	1/2 - 1 Mile NW
18	LAOG70000188487	1/2 - 1 Mile NNE
19	LAOG70000188451	1/2 - 1 Mile NNE
20	LAOG70000188620	1/2 - 1 Mile North
21	LAOG70000188564	1/2 - 1 Mile NNW
22	LAOG70000188681	1/2 - 1 Mile North
23	LAOG70000188682	1/2 - 1 Mile NNE

#### **4.1.15** Other State and Local Standard Supplemental Records

DEBRIS	LDEQ Approved Debris Sites	
SWRCY	Recycling Directory	
LIENS 2	CERCLA Lien Information	

#### 7.0 FINDINGS AND OPINIONS

PAC ENVIRONMENTAL (PAC) (preparer), has performed a Phase I Environmental Site Assessment, in conformance with the scope and limitations of ASTM Designation: E-1527-13, of the property located at Latitude 32.5206000N, Longitude 91.9863000W in Monroe, LA 71203.

Any exceptions to or deletions from this practice are described in Section 1.4 of this report.

**PAC DID NOT identified areas that are recognized environmental conditions** that would indicate the presence or likely presence of any hazardous substances or petroleum products on the property which would indicate an existing release, a past release, or a material threat of a of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater or surface water of the property.

The opinions included herein are based on information obtained during the ESA and PAC's experience. If additional information becomes available which might impact PAC's environmental conclusions, PAC requests the opportunity to review the information, reassess the potential concerns, and modify our opinion, if warranted.

All opinions and conclusions within this report are based upon prevailing circumstances at the time of the report preparation.

#### 10.0 QUALIFICATIONS OF ENVIROMENTAL PROFESSIONAL

#### **Experience:**

Employed by PAC Environmental since September 1996 as environmental specialist/project manager. Responsibilities include UST assessment and remediation management; preparation of Risk Evaluation Corrective Action Programs (RECAPs); administration of all remediation, development, implementation and completion of corrective action plans; water/air permit preparation; Phase I, Phase II and Phase II Environmental Site Assessments.

#### **Education:**

Louisiana Tech University, B.S., Business Administration 27 hours Graduate Study, Louisiana Tech University

## Training and Certifications:

OSHA 40-Hour Hazardous Waste Operations and Emergency Response Training 1997

Annual 8-hour OSHA Hazardous Waste Operations and Emergency Response Refresher Courses 1997-Present

ASTM Environmental Site Assessment for Commercial Real Estate 1999

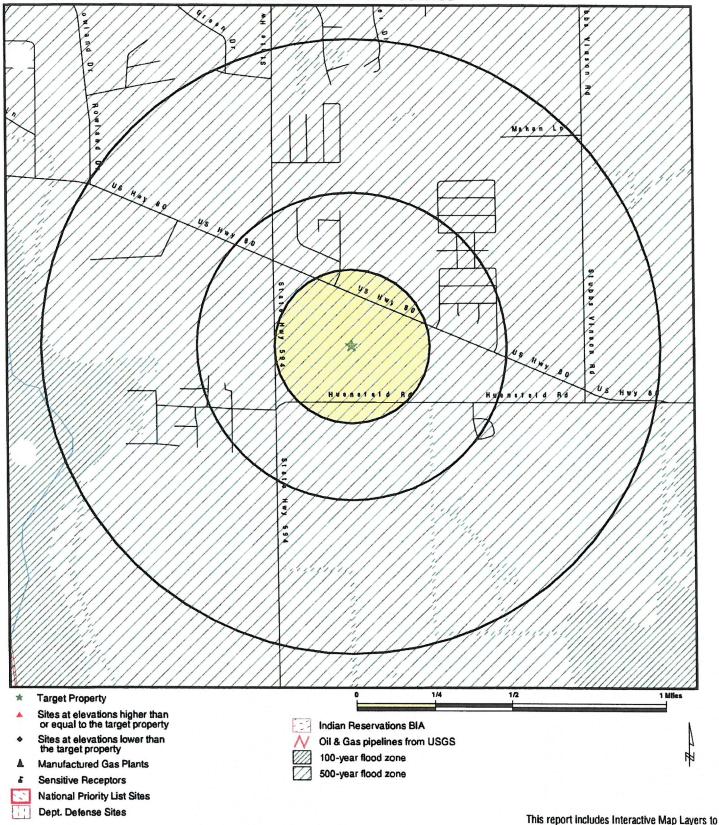
Certified Indoor Environmentalist (CIE) Indoor Air Quality Association 2002

Environmental Health and Safety Training 40-Hour Train-the-Trainer Course 2002

Risk Evaluation Corrective Action Plans (RECAP) - LDEQ

Asbestos Inspector

#### overview MAP - 4047032.15s



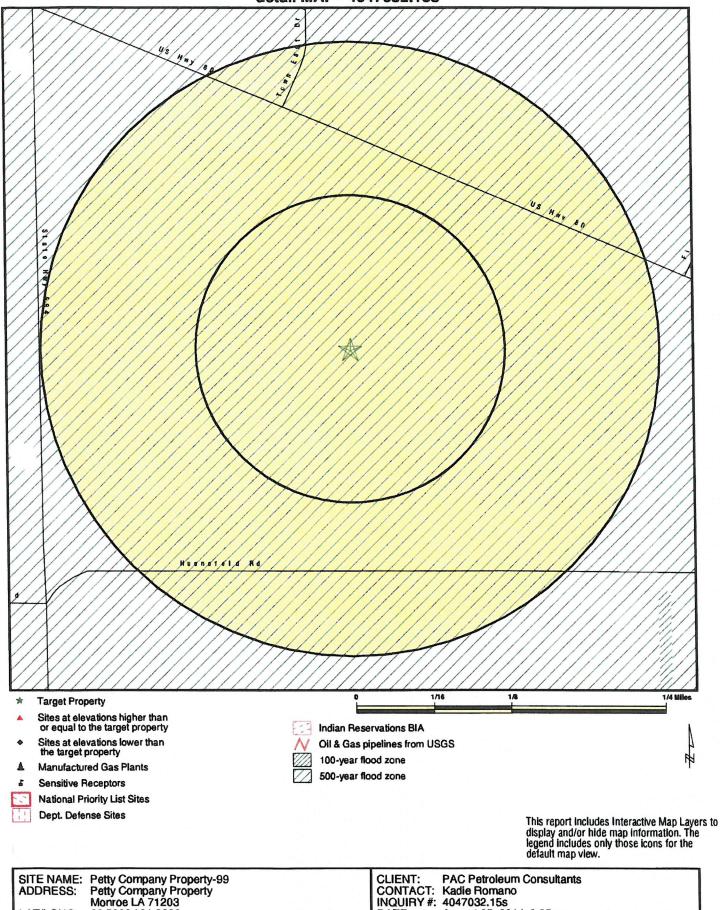
SITE NAME: Petty Company Property-99 CLIENT: **PAC Petroleum Consultants** Petty Company Property Monroe LA 71203 CONTACT: Kadie Romano INQUIRY #: 4047032.15s ADDRESS:

LAT/LONG: 32.5206 / 91.9863 DATE: August 25, 2014 2:24 pm

display and/or hide map information. The legend includes only those icons for the

default map view.

#### detail MAP - 4047032.15s



LAT/LONG:

32.5206 / 91.9863

August 25, 2014 2:25 pm Copyright © 2014 EDR, Inc. © 2010 Tele Atlas Rel. 07/2009.

DATE:

## PHYSICAL SETTING SOURCE MAP - 4047032.15s W91 P **₩ W** 8 **₩**34 HUENEFELD AIRPORT 1/4 1/2 N **County Boundary** Major Roads

CLIENT: PAC Petroleum CONTACT: Kadie Romano INQUIRY #: 4047032.15s SITE NAME: Petty Company Property-99 **PAC Petroleum Consultants** Petty Company Property Monroe LA 71203 32.5206 / 91.9863 ADDRESS: LAT/LONG: DATE: August 25, 2014 2:25 pm

**Groundwater Flow Direction** 

GV) Groundwater Flow Varies at Location

(HD) Closest Hydrogeological Data

Oil, gas or related wells

(GI) Indeterminate Groundwater Flow at Location

Contour Lines

Water Wells

**Public Water Supply Wells** Cluster of Multiple Icons

Earthquake epicenter, Richter 5 or greater

**Airports** 

×

0

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P

#### **Petty Company Property-99**

Petty Company Property Monroe, LA 71203

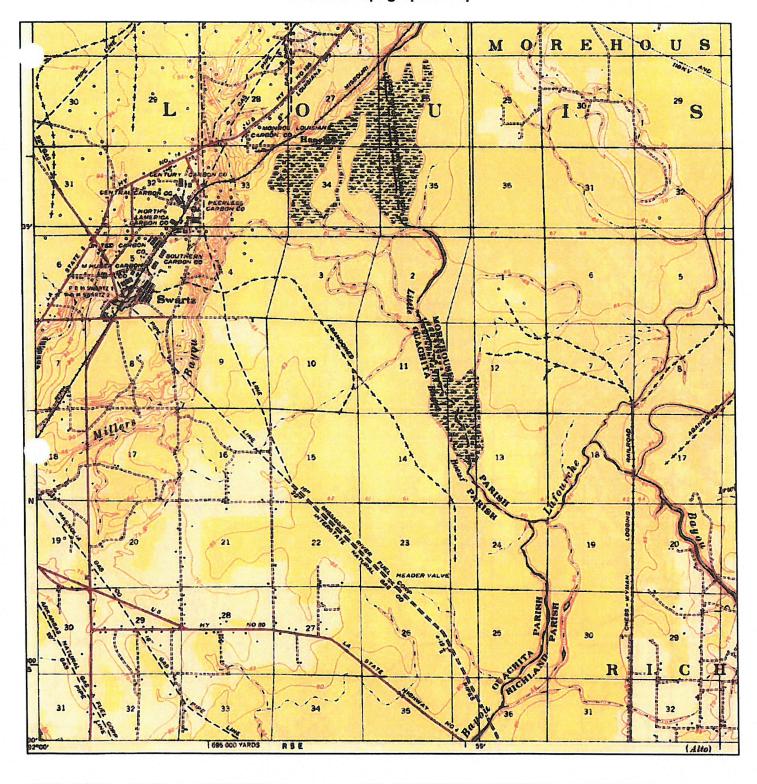
Inquiry Number: 4047032.17

August 25, 2014

## **EDR Historical Topographic Map Report**



#### **Historical Topographic Map**



**TARGET QUAD** 

NAME: COLLINSTON

MAP YEAR: 1935

SERIES: 15 SCALE: 1:62500 SITE NAME: Petty Company Property-99

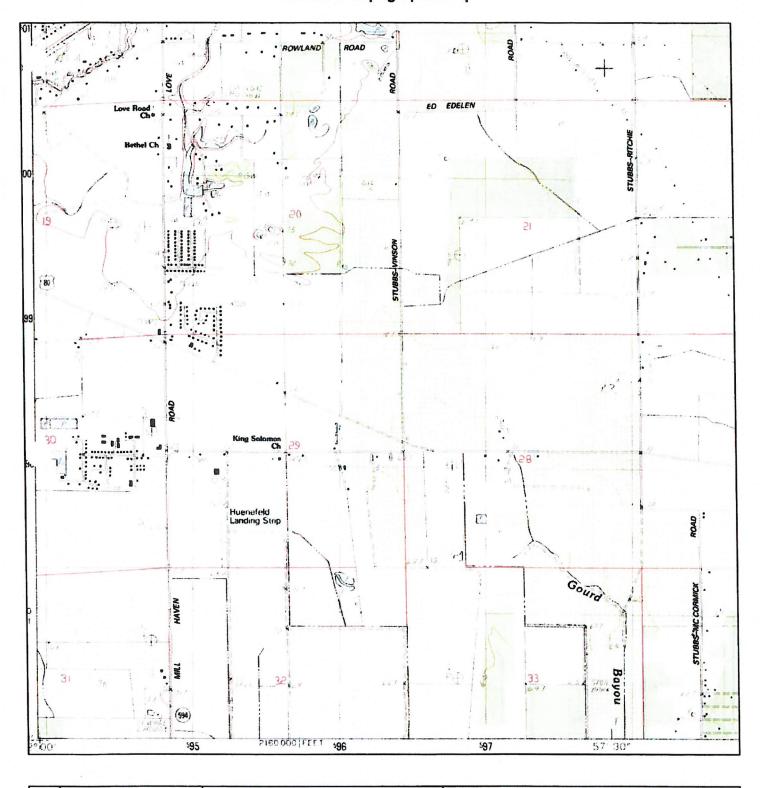
Petty Company Property ADDRESS:

Monroe, LA 71203

LAT/LONG: 32.5206 / -91.9863 CLIENT: **PAC Petroleum Consultants** 

CONTACT: Kadie Romano INQUIRY#: 4047032.17 RESEARCH DATE: 08/25/2014

#### **Historical Topographic Map**



TARGET QUAD NAME: **SWARTZ MAP YEAR: 1982 PROVISIONAL** 

SERIES: 7.5 SCALE: 1:24000 SITE NAME: ADDRESS:

Petty Company Property-99 Petty Company Property

Monroe, LA 71203

32.5206 / -91.9863 LAT/LONG:

CLIENT:

**PAC Petroleum Consultants** 

CONTACT: INQUIRY#: RESEARCH DATE: 08/25/2014

Kadie Romano 4047032.17

Appendix C Sanborn Map

#### Certified Sanborn® Map Report

8/25/14

Site Name:

**Client Name:** 

Petty Company Property-99 **Petty Company Property** 

PAC Petroleum Consultants

Monroe, LA 71203

P.O. Box 588 Swartz, LA 71281

EDR Inquiry # 4047032.16

Contact: Kadie Romano



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by PAC Petroleum Consultants were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

#### Certified Sanborn Results:

Site Name:

Petty Company Property-99

Address:

Petty Company Property

City, State, Zip:

Monroe, LA 71203

**Cross Street:** 

P.O. #

E031229

Project:

Petty Company Property-99acre

Certification #

675D-4E16-936C



Certification # 675D-4E16-936C

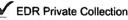
#### **UNMAPPED PROPERTY**

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

Library of Congress

✓ University Publications of America



The Sanborn Library LLC Since 1866™

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## **Target Property**



Adjoining Field



Meter Pole and Irrigation Piping



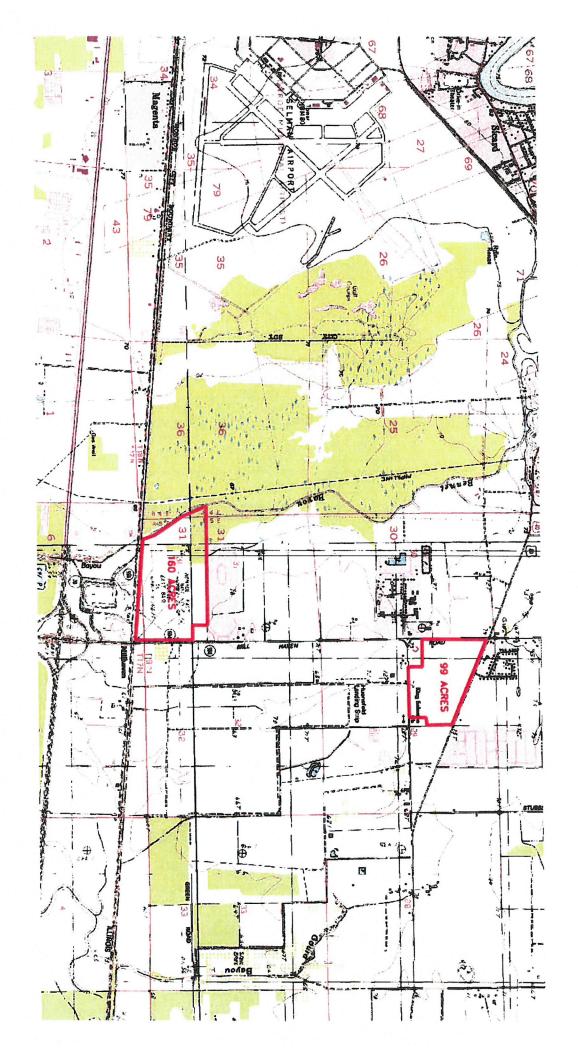
Field and Police Station – South West Corner



Irrigation Piping – North East Corner

## **Additional Graphs**





**Petty Company Property-160** 

Petty Company Property Monroe, LA 71203

Inquiry Number: 4047032.12

August 26, 2014

## The EDR Aerial Photo Decade Package



#### **Date EDR Searched Historical Sources:**

Aerial Photography August 26, 2014

#### **Target Property:**

Petty Company Property Monroe, LA 71203

<u>Year</u>	<u>Scale</u>	<u>Details</u>	Source
1956	Aerial Photograph. Scale: 1"=500'	Flight Date: February 28, 1956	EDR
1969	Aerial Photograph. Scale: 1"=500'	Flight Date: January 25, 1969	EDR
1976	Aerial Photograph. Scale: 1"=500'	Flight Date: February 19, 1976	EDR
1985	Aerial Photograph. Scale: 1"=1000'	Flight Date: April 03, 1985	EDR
1989	Aerial Photograph. Scale: 1"=750'	Flight Date: January 22, 1989	EDR
1994	Aerial Photograph. Scale: 1"=500'	Flight Date: January 01, 1994	USGS
1998	Aerial Photograph. Scale: 1"=500'	Flight Date: January 01, 1998	USGS
2004	Aerial Photograph. Scale: 1"=500'	DOQQ - acquisition dates: February 21, 2004	USGS/DOQQ
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	USDA/NAIP
2009	Aerial Photograph. Scale: 1"=500'	Flight Year: 2009	USDA/NAIP
2010	Aerial Photograph. Scale: 1"=500'	Flight Year: 2010	USDA/NAIP











## Appendix F Historical Research Documentation

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Thank you for your business.

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

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#### **EXECUTIVE SUMMARY**

Proposed NPL..... Proposed National Priority List Sites NPL LIENS..... Federal Superfund Liens Federal Delisted NPL site list Delisted NPL...... National Priority List Deletions Federal CERCLIS list CERCLIS...... Comprehensive Environmental Response, Compensation, and Liability Information System FEDERAL FACILITY...... Federal Facility Site Information listing Federal CERCLIS NFRAP site List CERC-NFRAP..... CERCLIS No Further Remedial Action Planned Federal RCRA CORRACTS facilities list CORRACTS...... Corrective Action Report Federal RCRA non-CORRACTS TSD facilities list RCRA-TSDF...... RCRA - Treatment, Storage and Disposal Federal RCRA generators list RCRA-LQG..... RCRA - Large Quantity Generators RCRA-SQG..... RCRA - Small Quantity Generators RCRA-CESQG...... RCRA - Conditionally Exempt Small Quantity Generator Federal institutional controls / engineering controls registries US ENG CONTROLS..... Engineering Controls Sites List US INST CONTROL...... Sites with Institutional Controls LUCIS..... Land Use Control Information System Federal ERNS list ERNS..... Emergency Response Notification System State- and tribal - equivalent CERCLIS SHWS...... Potential and Confirmed Sites List State and tribal landfill and/or solid waste disposal site lists SWF/LF..... Landfill List DEBRIS..... LDEQ Approved Debris Sites HIST DEBRIS..... LDEQ Approved Debris Sites State and tribal leaking storage tank lists LUST..... Leaking Underground Storage Tanks HIST LUST..... Underground Storage Tank Case History Incidents

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

## **EXECUTIVE SUMMARY**

DOT OPS..... Incident and Accident Data DOD..... Department of Defense Sites FUDS..... Formerly Used Defense Sites

CONSENT...... Superfund (CERCLA) Consent Decrees

ROD...... Records Of Decision UMTRA..... Uranium Mill Tailings Sites US MINES..... Mines Master Index File

TRIS...... Toxic Chemical Release Inventory System

TSCA...... Toxic Substances Control Act

FTTS.......FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide

Act)/TSCA (Toxic Substances Control Act)

HIST FTTS....... FIFRA/TSCA Tracking System Administrative Case Listing

PADS...... PCB Activity Database System MLTS..... Material Licensing Tracking System RADINFO...... Radiation Information Database

FINDS...... Facility Index System/Facility Registry System RAATS...... RCRA Administrative Action Tracking System

RMP..... Risk Management Plans

UIC...... Underground Injection Wells Listing

DRYCLEANERS...... Drycleaner Facility Listing

NPDES...... LPDES Permits Database

AIRS..... Air Permit List INDIAN RESERV..... Indian Reservations

SCRD DRYCLEANERS...... State Coalition for Remediation of Drycleaners Listing

Division of Remediation Services Database

COAL ASH DOE...... Steam-Electric Plant Operation Data US FIN ASSUR...... Financial Assurance Information

US AIRS..... Aerometric Information Retrieval System Facility Subsystem COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List

PRP..... Potentially Responsible Parties 2020 COR ACTION...... 2020 Corrective Action Program List

LEAD SMELTERS..... Lead Smelter Sites EPA WATCH LIST..... EPA WATCH LIST

Financial Assurance Information

ASBESTOS...... Asbestos Projects List PCB TRANSFORMER...... PCB Transformer Registration Database

COAL ASH..... Coal Ash Disposal Sites

### **EDR HIGH RISK HISTORICAL RECORDS**

### **EDR Exclusive Records**

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

### **EDR RECOVERED GOVERNMENT ARCHIVES**

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

# **EXECUTIVE SUMMARY**

Due to poor or inadequate address information, the following sites were not mapped. Count: 17 records.

Site Name	Database(s)
FIL-A-SAK GRO	REM
RILLA TERMINAL - NORTH TANK FARM	REM
HARTS CORNER	LUST, UST, REM
OUACHITA FERT. CO. DIV OF ABELL	HIST LUST
PUCKETIEVILLE COUNTRY STORE	UST
ANN'S QUICK STOP	UST
CHARLES MAGEE	UST
MONROE IRON & METAL CO INC DBA AUT	UST
RENWICK ST SHELL	UST
HI NABOR	UST
CUSTOM EQUIPMENT DESIGN INC	UST
COOPER JEEP SUZUKI	UST
L W BUNCH	UST
MAYO INC	RCRA NonGen / NLR
CURRYS TRUCK FRAME & BODY SHOP INC	RCRA-CESQG, FINDS
LA DEPT OF AGRICULTURE & FORESTRY	RCRA-CESQG, FINDS
COOK DIESEL ENGINE RPR	RCRA-CESQG, FINDS

# **MAP FINDINGS SUMMARY**

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	· > 1	Total Plotted
INDIAN LUST	0.500	,	0	0	0	NR	NR	0
State and tribal register	ed storage tan	k lists						
UST INDIAN UST FEMA UST	0.250 0.250 0.250		0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 0
State and tribal instituti control / engineering co		s						
AUL	0.500		0	0	0	NR	NR	0
State and tribal volunta	ry cleanup site	es						
VCP INDIAN VCP	0.500 0.500		0	0	0 0	NR NR	NR NR	0
State and tribal Brownfi	ields sites							
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONME	NTAL RECORDS	3						
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Waste Disposal Sites	Solid							
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI SWRCY	0.500 0.500		0	0	0 0	NR NR	NR NR	0
INDIAN ODI	0.500		0	Ö	0	NR	NR	0
Local Lists of Hazardou Contaminated Sites	us waste /							
US CDL	TP		NR	NR	NR	NR	NR	0
DEL SHWS CDL	1.000 TP		0 NR	0 NR	0 NR	0 NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR NR	0
Local Land Records								
LIENS 2 LIENS	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0
Records of Emergency		orts	IVIX	INIX	IVIX	IVIX	INIX	U
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	Ö
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Re	ecords							
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
DOT OPS DOD	TP 1.000		NR 0	NR 0	NR 0	NR 0	NR NR	0

# **MAP FINDINGS SUMMARY**

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
RGA LF	TP		NR	NR	NR	NR	NR	0

## NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

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

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

### STANDARD ENVIRONMENTAL RECORDS

#### Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 10/25/2013 Date Data Arrived at EDR: 11/11/2013

Date Made Active in Reports: 01/28/2014

Number of Days to Update: 78

Source: EPA Telephone: N/A

Last EDR Contact: 07/08/2014

Next Scheduled EDR Contact: 10/20/2014 Data Release Frequency: Quarterly

**NPL Site Boundaries** 

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

**EPA Region 1** 

Telephone 617-918-1143

EPA Region 3 Telephone 215-814-5418

EPA Region 4

Telephone 404-562-8033

EPA Region 5

Telephone 312-886-6686

**EPA Region 10** Telephone 206-553-8665 EPA Region 6

Telephone: 214-655-6659

**EPA Region 7** 

Telephone: 913-551-7247

**EPA Region 8** 

Telephone: 303-312-6774

**EPA Region 9** 

Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 10/25/2013 Date Data Arrived at EDR: 11/11/2013 Date Made Active in Reports: 01/28/2014

Number of Days to Update: 78

Source: EPA Telephone: N/A

Last EDR Contact: 07/08/2014

Next Scheduled EDR Contact: 10/20/2014 Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991 Date Data Arrived at EDR: 02/02/1994 Date Made Active in Reports: 03/30/1994

Number of Days to Update: 56

Source: EPA

Telephone: 202-564-4267 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: No Update Planned

Date of Government Version: 03/11/2014 Date Data Arrived at EDR: 03/13/2014 Date Made Active in Reports: 04/09/2014

Number of Days to Update: 27

Source: EPA Telephone: 800-424-9346 Last EDR Contact: 07/02/2014

Next Scheduled EDR Contact: 10/13/2014 Data Release Frequency: Quarterly

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

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/11/2014 Date Data Arrived at EDR: 03/13/2014 Date Made Active in Reports: 04/09/2014

Number of Days to Update: 27

Source: Environmental Protection Agency

Telephone: 214-665-6444 Last EDR Contact: 07/02/2014

Next Scheduled EDR Contact: 10/13/2014 Data Release Frequency: Quarterly

#### Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/11/2014 Date Data Arrived at EDR: 03/13/2014 Date Made Active in Reports: 04/09/2014

Number of Days to Update: 27

Source: Environmental Protection Agency

Telephone: 214-665-6444 Last EDR Contact: 07/02/2014

Next Scheduled EDR Contact: 10/13/2014 Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/11/2014 Date Data Arrived at EDR: 03/13/2014 Date Made Active in Reports: 04/09/2014

Number of Days to Update: 27

Source: Environmental Protection Agency

Telephone: 214-665-6444 Last EDR Contact: 07/02/2014

Next Scheduled EDR Contact: 10/13/2014 Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/11/2014 Date Data Arrived at EDR: 03/13/2014 Date Made Active in Reports: 04/09/2014

Number of Days to Update: 27

Source: Environmental Protection Agency

Telephone: 214-665-6444 Last EDR Contact: 07/02/2014

Next Scheduled EDR Contact: 10/13/2014 Data Release Frequency: Varies

SWF/LF: Landfill List

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

Date of Government Version: 06/16/2014 Date Data Arrived at EDR: 06/16/2014 Date Made Active in Reports: 07/21/2014

Number of Days to Update: 35

Source: Department of Environmental Quality

Telephone: 225-219-3181 Last EDR Contact: 06/13/2014

Next Scheduled EDR Contact: 09/29/2014 Data Release Frequency: Annually

DEBRIS: LDEQ Approved Debris Sites

A listing of LDEQ Approved Debris Sites where hurricane debris is dumped.

Date of Government Version: 06/02/2014 Date Data Arrived at EDR: 06/03/2014 Date Made Active in Reports: 06/23/2014

Number of Days to Update: 20

Source: Department of Environmental Quality

Telephone: 225-219-3953 Last EDR Contact: 06/03/2014

Next Scheduled EDR Contact: 09/15/2014
Data Release Frequency: Varies

HIST DEBRIS: LDEQ Approved Debris Sites

A listing of LDEQ Approved Debris Sites where hurricane debris is dumped.

Date of Government Version: 02/07/2007 Date Data Arrived at EDR: 11/14/2008 Date Made Active in Reports: 11/21/2008

Number of Days to Update: 7

Source: Department of Environmental Quality

Telephone: 225-219-3070 Last EDR Contact: 03/23/2009

Next Scheduled EDR Contact: 06/22/2009 Data Release Frequency: No Update Planned

#### State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tanks

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 07/17/2014 Date Data Arrived at EDR: 07/21/2014 Date Made Active in Reports: 08/18/2014

Number of Days to Update: 28

Source: Department of Environmental Quality

Telephone: 225-219-3181 Last EDR Contact: 07/18/2014

Next Scheduled EDR Contact: 11/03/2014 Data Release Frequency: Varies

HIST LUST: Underground Storage Tank Case History Incidents

This listing includes detailed information for Leaking Underground Storage Tanks reported through November 1999. It is no longer updated. Current LUST incidents, without detail, can be found in the Leaking Underground Storage Tank Database.

Date of Government Version: 11/01/1999 Date Data Arrived at EDR: 02/16/2000 Date Made Active in Reports: 05/01/2000 Number of Days to Update: 75

Source: Department of Environmental Quality Telephone: N/A

Last EDR Contact: 12/04/2001 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

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

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

Next Scheduled EDR Contact: 11/10/2014 Data Release Frequency: Quarterly

### State and tribal registered storage tank lists

UST: Louisiana Underground Storage Tank Database

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

Date of Government Version: 07/16/2014 Date Data Arrived at EDR: 07/21/2014 Date Made Active in Reports: 08/14/2014

Number of Days to Update: 24

Source: Department of Environmental Quality

Telephone: 225-219-3181 Last EDR Contact: 07/18/2014

Next Scheduled EDR Contact: 11/03/2014 Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

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

Number of Days to Update: 66

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 07/22/2014

Next Scheduled EDR Contact: 11/10/2014 Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

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

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 08/01/2014

Next Scheduled EDR Contact: 11/10/2014 Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

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

Number of Days to Update: 10

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 04/22/2014

Next Scheduled EDR Contact: 08/11/2014 Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/04/2014 Date Data Arrived at EDR: 08/05/2014 Date Made Active in Reports: 08/22/2014

Number of Days to Update: 17

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 04/28/2014

Next Scheduled EDR Contact: 11/10/2014 Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

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

Date of Government Version: 03/20/2008 Date Data Arrived at EDR: 04/22/2008 Date Made Active in Reports: 05/19/2008

Number of Days to Update: 27

Source: EPA, Region 7 Telephone: 913-551-7365 Last EDR Contact: 04/20/2009

Next Scheduled EDR Contact: 07/20/2009 Data Release Frequency: Varies

VCP: Voluntary Remediation Program Sites

Sites that have entered the Department of Environmental Quality's Voluntary Remediation Program

Date of Government Version: 07/02/2014 Date Data Arrived at EDR: 07/10/2014 Date Made Active in Reports: 07/21/2014

Number of Days to Update: 11

Source: Department of Environmental Quality

Telephone: 225-219-3181 Last EDR Contact: 07/02/2014

Next Scheduled EDR Contact: 11/03/2014 Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 05/30/2014 Date Data Arrived at EDR: 07/01/2014 Date Made Active in Reports: 08/15/2014

Number of Days to Update: 45

Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 07/01/2014

Next Scheduled EDR Contact: 10/13/2014 Data Release Frequency: Varies

State and tribal Brownfields sites

**BROWNFIELDS: Brownfields Inventory** 

Brownfields are abandoned, idled, or underused industrial or commercial real property, the expansion, redevelopment or reuse of which may be complicated by the presence of or potential presence of a hazardous substance, pollutant, or contaminant.

Date of Government Version: 07/17/2014 Date Data Arrived at EDR: 08/01/2014 Date Made Active in Reports: 08/18/2014

Number of Days to Update: 17

Source: New Orleans Office of Environmental Affairs

Telephone: 504-658-4070 Last EDR Contact: 07/18/2014

Next Scheduled EDR Contact: 11/03/2014 Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 07/01/2014 Date Data Arrived at EDR: 07/03/2014 Date Made Active in Reports: 07/28/2014

Number of Days to Update: 25

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 07/03/2014

Next Scheduled EDR Contact: 10/06/2014 Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

CDL: Clandestine Drug Lab

A list of residential real properties that have been reported as potentially contaminated.

Date of Government Version: 01/16/2014 Date Data Arrived at EDR: 06/03/2014 Date Made Active in Reports: 06/18/2014 Number of Days to Update: 15

d at EDR: 06/03/2014 Telephone: 225-219-5337 ve in Reports: 06/18/2014 Last EDR Contact: 06/03/2014

Next Scheduled EDR Contact: 09/15/2014 Data Release Frequency: Semi-Annually

Source: Department of Environmental Quality

US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 05/28/2014 Date Data Arrived at EDR: 06/20/2014 Date Made Active in Reports: 07/15/2014 Number of Days to Update: 25 Source: Drug Enforcement Administration Telephone: 202-307-1000 Last EDR Contact: 06/04/2014 Next Scheduled EDR Contact: 09/15/2014 Data Release Frequency: No Update Planned

#### Local Land Records

LIENS 2: CERCLA Lien Information

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

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

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

Data Release Frequency: Varies

LIENS: Environmental Liens

An Environmental Lien is a charge, security, or encumbrance upon title to a property to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous substances or petroleum products upon a property, including (but not limited to) liens imposed pursuant to CERCLA 42 USC ? 9607(1) and similar state or local laws. In other words: a lien placed upon a property's title due to an environmental condition.

Date of Government Version: 07/24/2013 Date Data Arrived at EDR: 10/23/2013 Date Made Active in Reports: 12/12/2013 Number of Days to Update: 50 Source: Department of Environmental Quality Telephone: N/A

Last EDR Contact: 07/18/2014
Next Scheduled EDR Contact: 11/03/2014

Data Release Frequency: Varies

### Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 03/31/2014 Date Data Arrived at EDR: 04/01/2014 Date Made Active in Reports: 07/15/2014 Number of Days to Update: 105

Source: U.S. Department of Transportation Telephone: 202-366-4555 Last EDR Contact: 07/01/2014

Next Scheduled EDR Contact: 10/13/2014 Data Release Frequency: Annually

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2013 Date Data Arrived at EDR: 01/24/2014 Date Made Active in Reports: 02/24/2014

Number of Days to Update: 31

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 06/30/2014

Next Scheduled EDR Contact: 10/13/2014 Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013 Date Data Arrived at EDR: 12/12/2013 Date Made Active in Reports: 02/24/2014

Number of Days to Update: 74

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 06/10/2014

Next Scheduled EDR Contact: 09/22/2014 Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010 Date Data Arrived at EDR: 10/07/2011 Date Made Active in Reports: 03/01/2012

Number of Days to Update: 146

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 08/20/2014

Next Scheduled EDR Contact: 12/08/2014 Data Release Frequency: Varies

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 01/30/2014 Date Data Arrived at EDR: 03/05/2014 Date Made Active in Reports: 07/15/2014

Number of Days to Update: 132

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 06/06/2014

Next Scheduled EDR Contact: 09/15/2014 Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 07/31/2013 Date Made Active in Reports: 09/13/2013

Number of Days to Update: 44

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 05/30/2014

Next Scheduled EDR Contact: 09/08/2014 Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006 Date Data Arrived at EDR: 09/29/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 64

Source: EPA

Telephone: 202-260-5521 Last EDR Contact: 06/25/2014

Next Scheduled EDR Contact: 10/06/2014 Data Release Frequency: Every 4 Years

### ICIS: Integrated Compliance Information System

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

Date of Government Version: 05/06/2014 Date Data Arrived at EDR: 05/16/2014 Date Made Active in Reports: 06/17/2014

Number of Days to Update: 32

Source: Environmental Protection Agency

Telephone: 202-564-5088 Last EDR Contact: 10/09/2014

Next Scheduled EDR Contact: 10/27/2014 Data Release Frequency: Quarterly

## PADS: PCB Activity Database System

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

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

Number of Days to Update: 107

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 07/18/2014

Next Scheduled EDR Contact: 10/27/2014 Data Release Frequency: Annually

#### MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/22/2013 Date Data Arrived at EDR: 08/02/2013 Date Made Active in Reports: 11/01/2013

Number of Days to Update: 91

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169 Last EDR Contact: 06/05/2014

Next Scheduled EDR Contact: 09/22/2014 Data Release Frequency: Quarterly

## RADINFO: Radiation Information Database

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

Date of Government Version: 07/07/2014 Date Data Arrived at EDR: 07/10/2014 Date Made Active in Reports: 07/28/2014

Number of Days to Update: 18

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 07/10/2014

Next Scheduled EDR Contact: 10/20/2014 Data Release Frequency: Quarterly

### FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/18/2013 Date Data Arrived at EDR: 02/27/2014 Date Made Active in Reports: 03/12/2014

Number of Days to Update: 13

Source: EPA

Telephone: (214) 665-2200 Last EDR Contact: 06/13/2014

Next Scheduled EDR Contact: 09/22/2014 Data Release Frequency: Quarterly

#### RAATS: RCRA Administrative Action Tracking System

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

AIRS: Air Permit List

A listing of facilities with air permits issued by the Air Permits Division

Date of Government Version: 06/10/2014 Date Data Arrived at EDR: 06/11/2014 Date Made Active in Reports: 06/19/2014

Number of Days to Update: 8

Source: Department of Environmental Quality

Telephone: 225-219-3417 Last EDR Contact: 08/19/2014

Next Scheduled EDR Contact: 12/08/2014

Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 12/08/2006

Date Made Active in Reports: 01/11/2007

Source: USGS

Telephone: 202-208-3710 Last EDR Contact: 07/18/2014

Number of Days to Update: 34

Next Scheduled EDR Contact: 10/27/2014 Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 03/07/2011 Date Data Arrived at EDR: 03/09/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 54

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 07/25/2014

Next Scheduled EDR Contact: 11/03/2014

Data Release Frequency: Varies

REM: Division of Remediation Services Database

Facilities or sites come to the Underground Storage Tank and Remediation Divison either through self notification or referral. These sites are designated for remediation via the following regulatory paths: Solid Waste (SW), Hazardous Waste (Haz Waste), Groundwater (Grwater), Inactive & Abandoned Sites (Confirmed or Potential), or Underground Storage Tanks (UST).

Date of Government Version: 07/17/2014 Date Data Arrived at EDR: 07/21/2014 Date Made Active in Reports: 08/18/2014

Number of Days to Update: 28

Source: Department of Environmental Quality

Telephone: 225-219-3168 Last EDR Contact: 07/03/2014

Next Scheduled EDR Contact: 11/03/2014 Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 11/11/2011 Date Data Arrived at EDR: 05/18/2012 Date Made Active in Reports: 05/25/2012

Number of Days to Update: 7

Source: Environmental Protection Agency Telephone: 703-308-4044 Last EDR Contact: 08/15/2014

Next Scheduled EDR Contact: 11/24/2014 Data Release Frequency: Varies

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

ASBESTOS: Asbestos Projects List

Asbestos demolition and renovation notification projects locations in the state.

Date of Government Version: 12/31/2013 Date Data Arrived at EDR: 04/22/2014 Date Made Active in Reports: 05/21/2014

Number of Days to Update: 29

Source: Department of Environmental Quality

Telephone: 225-219-3181 Last EDR Contact: 07/21/2014

Next Scheduled EDR Contact: 11/03/2014 Data Release Frequency: Annually

PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 02/01/2011 Date Data Arrived at EDR: 10/19/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 83

Source: Environmental Protection Agency

Telephone: 202-566-0517 Last EDR Contact: 08/01/2014

Next Scheduled EDR Contact: 11/10/2014 Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites A listing of coal ash impoundments.

> Date of Government Version: 08/05/2014 Date Data Arrived at EDR: 08/06/2014 Date Made Active in Reports: 08/18/2014

Number of Days to Update: 12

Source: Department of Environmental Quality

Telephone: 225-219-3168 Last EDR Contact: 07/14/2014

Next Scheduled EDR Contact: 10/27/2014 Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

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

Date of Government Version: 03/14/2014 Date Data Arrived at EDR: 06/11/2014 Date Made Active in Reports: 07/28/2014 Number of Days to Update: 47

Source: Environmental Protection Agency Telephone: N/A

Last EDR Contact: 06/11/2014

Next Scheduled EDR Contact: 09/22/2014 Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 06/19/2014 Date Data Arrived at EDR: 06/20/2014 Date Made Active in Reports: 07/28/2014 Number of Days to Update: 38

Source: Environmental Protection Agency Telephone: 202-566-1917 Last EDR Contact: 08/14/2014

Next Scheduled EDR Contact: 12/01/2014 Data Release Frequency: Quarterly

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

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

Source: EPA

Telephone: 202-564-2496 Last EDR Contact: 06/25/2014

Next Scheduled EDR Contact: 10/13/2014 Data Release Frequency: Annually

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

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

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A Number of Days to Update: N/A Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

#### **EDR RECOVERED GOVERNMENT ARCHIVES**

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

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

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

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

Source: Department of Environmental Quality

Telephone: N/A

Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

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

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/15/2014
Number of Days to Update: 198

Source: Department of Environmental Quality

Telephone: N/A

Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

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

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

Source: Department of Environmental Quality

Telephone: N/A

Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

#### OTHER DATABASE(S)

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

**Private Schools** 

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

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

### STREET AND ADDRESS INFORMATION

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# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### **GROUNDWATER FLOW DIRECTION INFORMATION**

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

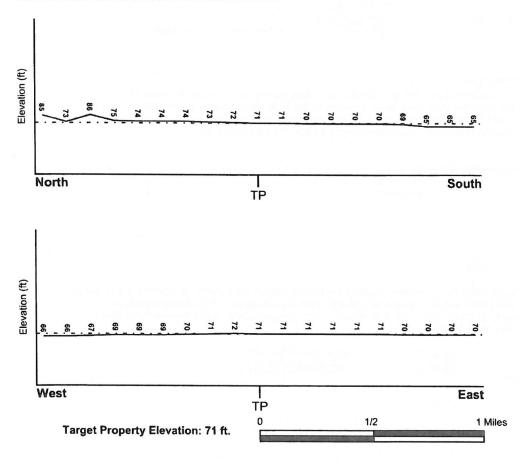
#### **TOPOGRAPHIC INFORMATION**

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

#### TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSW

# SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

#### **GROUNDWATER FLOW VELOCITY INFORMATION**

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

## GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

#### **ROCK STRATIGRAPHIC UNIT**

#### **GEOLOGIC AGE IDENTIFICATION**

Category: Stratifed Sequence

Era: Cenozoic

Quaternary

System: Series:

Holocene

Code:

Qh (decoded above as Era, System & Series)

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

#### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Component Name:

**HEBERT** 

Soil Surface Texture:

silt loam

Hydrologic Group:

Class C - Slow infiltration rates. Soils with layers impeding downward

movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class:

Somewhat poorly. Soils commonly have a layer with low hydraulic conductivity, wet state high in profile, etc. Depth to water table is

1 to 3 feet.

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

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min:

> 60 inches

Depth to Bedrock Max:

> 60 inches