



Appendix H

Hazardous Material/Waste Site Assessment

Phase I Environmental Site Assessment

Clements Ferry Road Widening

Jack Primus Road to South Carolina Highway 41

Berkeley County, South Carolina

December 22, 2016

Terracon Project No. EN167338



Prepared for:

Infrastructure Consulting & Engineering, PLLC
Charlotte, North Carolina

Prepared by:

Terracon Consultants, Inc.
North Charleston, South Carolina

terracon.com

Terracon

Environmental



Facilities



Geotechnical



Materials

December 22, 2016



Infrastructure Consulting & Engineering, PLLC
5200 Seventy Seven Center Drive, Suite 100
Charlotte, NC 28217

Attn: Ms. Kristen Maines
P: (704) 705-3579
E: kristen.maines@ice-eng.com

Re: Phase I Environmental Site Assessment
Clements Ferry Road Widening
Jack Primus Road to SC Highway 41
Berkeley County, South Carolina
Terracon Project No. EN167338

Dear Ms. Maines:

Terracon Consultants, Inc. (Terracon) is pleased to submit the enclosed Phase I Environmental Site Assessment (ESA) report for the above-referenced project study area (PSA). This assessment was performed in accordance with Terracon Proposal No. PEN167338 dated September 28, 2016.

We appreciate the opportunity to be of service to you on this project. In addition to Phase I services, our professionals provide geotechnical, environmental, construction materials, and facilities services on a wide variety of projects locally, regionally and nationally. For more detailed information on all of Terracon's services please visit our website at www.terracon.com. If there are any questions regarding this report or if we may be of further assistance, please do not hesitate to contact us.

Sincerely,
Terracon Consultants, Inc.

A handwritten signature in black ink, appearing to read 'Patrick Homan', is written over a light gray rectangular background.

Patrick Homan
Field Scientist

A handwritten signature in black ink, appearing to read 'Andy Ruocco', is written over a light gray rectangular background.

Andy Ruocco
Environmental Professional

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EXECUTIVE SUMMARY

This Phase I Environmental Site Assessment (ESA) was performed in accordance with Terracon Proposal No. PEN167338 dated September 28, 2016, and was conducted consistent with the procedures included in ASTM E1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The ESA was conducted under the supervision or responsible charge of Andy Ruocco, Environmental Professional. Patrick Homan performed the site reconnaissance on November 15, 2016.

Findings

A summary of findings is provided below. It should be recognized that details were not included or fully developed in this section, and the report must be read in its entirety for a comprehensive understanding of the items contained herein.

Site Description and Use

The project study area (PSA) is an approximately 4.5 mile segment of Clements Ferry Road (S-08-33) between Jack Primus Road and South Carolina Highway 41. The PSA boundary evaluated for this ESA is based on the limits of disturbance provided by Infrastructure Consulting & Engineering, PLLC. The PSA also contains portions of Cainhoy Road (South Carolina 98), Rivers Reach Drive, Reflectance Drive, Riverbend Trail and South Carolina Highway 41. Properties adjacent to the PSA predominately consist of undeveloped wooded land. Developed properties along the PSA consisted of residences along the central and eastern portions of the PSA. Commercial businesses are located along the western and eastern portions of the PSA.

Historical Information

Terracon reviewed historical information including topographic maps, aerial photographs, and city directories. Based on review of historical information, the PSA has contained a road since 1919 and properties along the PSA appear to predominantly contain undeveloped woodlands since at least 1919. Apparent agricultural properties are evident along the western and eastern portions of the PSA until 1957. Residential properties and commercial structures are evident along the western and eastern portions of the PSA beginning in the 1960s to present.

Records Review

Terracon reviewed available environmental database records for the PSA and surrounding properties. Multiple regulated facilities were identified within the vicinity of the PSA. Terracon evaluated the facilities and determined that the following documented facilities represent recognized environmental conditions (RECs) to the PSA:

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- Blue Water 19 / 1952 Clements Ferry Road / leaking underground storage tank (LUST)
- Wando Grocery / RT 1 PO BOX 11 (Clements Ferry Road and Cainhoy Road) / LUST
- Auto Inspectors of South Carolina / 1195 Clements Ferry Road & 1071 Fogarty Lane / Historic auto repair facility
- Cohen Gaskins Jr. Parcel / intersection of Clements Ferry Road and South Carolina Highway 41/ documented subsurface contamination
- Wando Lounge / 2601 South Carolina Highway 41/ 2559 South Carolina Highway 41/ LUST
- South Carolina Department of Transportation (SCDOT) Wando Section Shed /South Carolina Highway 41/ LUST

It should be noted that several of the above listed facilities have been operated under separate names in the past, which are discussed further in this report. The RECs identified during the records review are described further in Section 4.0.

Site Reconnaissance

Terracon conducted a site reconnaissance on November 15, 2016. Notable features identified during the site reconnaissance included operational gas stations, vehicle repair facilities, ponds, utility right-of-ways (ROW), and pole mounted electrical transformers.

Adjoining Properties

The majority of the properties adjoining the PSA contain undeveloped woodlands. The western and eastern portions of the PSA contained properties developed with commercial facilities and residences. A utility ROW containing aboveground pole-mounted electrical distribution lines borders the PSA on the north. RECs were identified based on review of the adjacent facilities, which are discussed in Section 4.0 of this report.

Additional Services

Per the agreed scope of services specified in the proposal, additional services (e.g. asbestos sampling, lead-based paint sampling, wetlands evaluation, lead in drinking water testing, radon testing, vapor encroachment screening, etc.) were not conducted.

Significant Data Gaps

No significant data gaps were identified.

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Conclusions

We have performed a Phase I ESA consistent with the procedures included in ASTM Practice E 1527-13 for the Clements Ferry Road Widening project, which is predominantly located along Clements Ferry Road (S-08-33) between Jack Primus Road and South Carolina Highway 41 in Berkeley County, South Carolina. The following RECs were identified:

- Blue Water 19 / 1952 Clements Ferry Road / LUST
- Wando Grocery / RT 1 PO BOX 11 (Clements Ferry Road and Cainhoy Road) / LUST
- Auto Inspectors of South Carolina / 1195 Clements Ferry Road & 1071 Fogarty Lane / Historic auto repair facility
- Cohen Gaskins Jr. Parcel / intersection of Clements Ferry Road and South Carolina Highway 41/ documented subsurface contamination
- Wando Lounge / 2601 South Carolina Highway 41/ 2559 South Carolina Highway 41/ LUST
- SCDOT Wando Section Shed /South Carolina Highway 41/ LUST

Recommendations

Based on the scope of services, limitations, and conclusions of this assessment, Terracon recommends the following additional actions.

- Terracon recommends that the portions of the PSA located adjacent to the aforementioned RECs be evaluated for subsurface contamination.

1.0 INTRODUCTION

1.1 Site Description

Site Name	Clements Ferry Road Widening: Jack Primus Road to South Carolina Highway 41
Site Location/Address	Clements Ferry Road, Berkeley County, South Carolina
Land Area	Approximately 4.5 miles
Site Improvements	The PSA is a two lane highway, and properties adjacent to the highway including: undeveloped wooded areas, improved roads, residential, and commercial facilities.

The PSA location is depicted on Exhibit 1 of Appendix A, which was reproduced from a portion of the USGS 7.5-minute series topographic map. A Site Diagram of the PSA and adjoining properties is included as Exhibit 2 of Appendix A. Acronyms and terms used in this report are described in Appendix F.

1.2 Scope of Services

This Phase I ESA was performed in accordance with Terracon Proposal No. PEN167338 dated September 28, 2016, and was conducted consistent with the procedures included in ASTM E1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The purpose of this ESA was to assist the client in developing information to identify RECs in connection with the site as reflected by the scope of this report. This purpose was undertaken through user-provided information, a regulatory database review, historical and physical records review, interviews, including local government inquiries, as applicable, and a visual noninvasive reconnaissance of the site and adjoining properties. Limitations, ASTM deviations, and significant data gaps (if identified) are noted in the applicable sections of the report. ASTM E1527-13 contains a new definition of "migrate/migration," which refers to "the movement of hazardous substances or petroleum products in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface." By including this explicit reference to migration in ASTM E1527-13, the standard clarifies that the potential for vapor migration should be addressed as part of a Phase I ESA and was considered by Terracon in evaluation of RECs associated with the PSA.

1.3 Standard of Care

This ESA was performed in accordance with generally accepted practices of this profession, undertaken in similar studies at the same time and in the same geographical area. We have endeavored to meet this standard of care, but may be limited by conditions encountered during performance, a client-driven scope of work, or inability to review information not received by the report date. Where appropriate, these limitations are discussed in the text of the report, and an evaluation of their significance with respect to our findings has been conducted.

Phase I ESAs, such as the one performed at this PSA, are of limited scope, are noninvasive, and cannot eliminate the potential that hazardous, toxic, or petroleum substances are present or have been released at the PSA beyond what is identified by the limited scope of this ESA. In conducting the limited scope of services described herein, certain sources of information and public records were not reviewed. It should be recognized that environmental concerns may be documented in public records that were not reviewed. No ESA can wholly eliminate uncertainty regarding the potential for RECs in connection with a property. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs. No warranties, express or implied, are intended or made. The limitations herein must be considered when the user of this report formulates opinions as to risks associated with the PSA or otherwise uses the report for any other purpose. These risks may be further evaluated – but not eliminated – through additional research or assessment. We will, upon request, advise you of additional research or assessment options that may be available and associated costs.

1.4 Additional Scope Limitations, ASTM Deviations and Data Gaps

Based upon the agreed-on scope of services, this ESA did not include subsurface or other invasive assessments, vapor intrusion assessments or indoor air quality assessments (i.e. evaluation of the presence of vapors within a building structure), business environmental risk evaluations, or other services not particularly identified and discussed herein. Credentials of the company (Statement of Qualifications) have not been included in this report but are available upon request. Pertinent documents are referred to in the text of this report, and a separate reference section has not been included. Reasonable attempts were made to obtain information within the scope and time constraints set forth by the client; however, in some instances, information requested is not, or was not, received by the issuance date of the report. Information obtained for this ESA was received from several sources that we believe to be reliable; nonetheless, the authenticity or reliability of these sources cannot and is not warranted hereunder.

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An evaluation of the significance of limitations and missing information with respect to our findings has been conducted, and where appropriate, significant data gaps are identified and discussed in the text of the report. However, it should be recognized that an evaluation of significant data gaps is based on the information available at the time of report issuance, and an evaluation of information received after the report issuance date may result in an alteration of our conclusions, recommendations, or opinions. We have no obligation to provide information obtained or discovered by us after the issuance date of the report, or to perform any additional services, regardless of whether the information would affect any conclusions, recommendations, or opinions in the report. This disclaimer specifically applies to any information that has not been provided by the client.

This report represents our service to you as of the report date and constitutes our final document; its text may not be altered after final issuance. Findings in this report are based upon the PSA's current utilization, information derived from the most recent reconnaissance and from other activities described herein; such information is subject to change. Certain indicators of the presence of hazardous substances or petroleum products may have been latent, inaccessible, unobservable, or not present during the most recent reconnaissance and may subsequently become observable (such as after PSA renovation or development). Further, these services are not to be construed as legal interpretation or advice.

1.5 Reliance

This ESA report is prepared for the exclusive use and reliance of Infrastructure Consulting & Engineering, PLLC and the SCDOT. Use or reliance by any other party is prohibited without the written authorization of Infrastructure Consulting & Engineering, PLLC, SCDOT and Terracon Consultants, Inc. (Terracon).

Reliance on the ESA by the client and all authorized parties will be subject to the terms, conditions and limitations stated in the proposal, ESA report, and Terracon's Agreement for Services. The limitation of liability defined in the Agreement for Services is the aggregate limit of Terracon's liability to the client and all relying parties.

Continued viability of this report is subject to ASTM E1527-13 Sections 4.6 and 4.8. If the ESA will be used by a different user (third party) than the user for whom the ESA was originally prepared, the third party must also satisfy the user's responsibilities in Section 6 of ASTM E1527-13.

1.6 Client Provided Information

Prior to the PSA visit, the client was asked to provide the following user questionnaire information as described in ASTM E1527-13 Section 6.

Client Questionnaire Responses

Client Questionnaire Item	Client Did Not Respond	Client's Response	
		Yes	No
Specialized Knowledge or Experience that is material to a REC in connection with the PSA.	X		
Actual Knowledge of Environmental Liens or Activity Use Limitations (AULs) that may encumber the PSA.	X		
Actual Knowledge of a Lower Purchase Price because contamination is known or believed to be present at the PSA.	X		
Commonly Known or Reasonably Ascertainable Information that is material to a REC in connection with the PSA.	X		
Obvious Indicators of Contamination at the PSA.	X		

The client did not provide the requested User's information as of the issuance date of the report, which represents a data gap. Terracon assumes the client is evaluating the questionnaire information outside the context of Terracon's Phase I ESA scope of work and report.

2.0 PHYSICAL SETTING

Physical Setting

Physical Setting Information		Source
Topography (Refer to Appendix A for an excerpt of the Topographic Map)		
Site Elevation	Approximately 12 -28 feet (NGVD)	USGS Topographic Map, 1979 North Charleston Cainhoy Quadrangle, 1971
Surface Runoff/ Topographic Gradient	The PSA is generally located along a topographic divide. Surface runoff varies.	
Closest Surface Water	Martin Creek, a tributary to Beresford Creek located south of the PSA, transects the western portion of the PSA. An unnamed Tributary to the Wando River transects the eastern portion of the PSA.	
Soil Characteristics		
Soil Type	BH – Bohicket association CaB – Cainhoy fine sand, 0 to 6 percent slopes CP – Capers association Ct – Chipley-Echaw complex	Berkeley County, South Carolina USDA-NRCS Web Soil Survey issued December 5, 2016

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Physical Setting Information		Source
	GoA – Goldsboro loamy sand, 0 to 2 percent slopes Lo – Leon fine sand , 0 to 2 percent slopes Ly – Lynchburg fine sandy loam, 0 to 2 percent slopes Mg – Meggett loam Pe – Pantego fine sandy loam Pk – Pickney loamy fine sand Wt – Witherbee fine sand	
Description	The above listed soil types contain a a range of formations and properties. The soils within the PAS consist of predominantly poorly drained to moderately well-drained soil types.	

Geology/Hydrogeology		
Formation	Pamlico terrace	Geology of the Coastal Plain of South Carolina, dated 1936
Description	The Pamlico terrace ranges from sea level to elevation of 25 feet	
Estimated Depth to First Occurrence of Groundwater	Ranging from 3-10 feet below ground surface	Terracon local knowledge
*Hydrogeologic Gradient	Not known - may be inferred to be parallel to topographic gradient, which varies along the PSA.	

* The groundwater flow direction and the depth to shallow, unconfined groundwater, if present, would likely vary depending upon seasonal variations in rainfall and other hydrogeological features. Without the benefit of on-PSA groundwater monitoring wells surveyed to a datum, groundwater depth and flow direction beneath the PSA cannot be directly ascertained.

3.0 HISTORICAL USE INFORMATION

Terracon reviewed the following historical sources to develop a history of the previous uses of the PSA and surrounding area, in order to help identify RECs associated with past uses. Copies of selected historical documents are included in Appendix C.

3.1 Historical Topographic Maps, Aerial Photographs, Sanborn Maps

Readily available historical USGS topographic maps and selected historical aerial photographs (at approximately 10 to 15 year intervals) were reviewed to evaluate land development and obtain information concerning the history of development on and near the PSA. Reviewed historical topographic maps and aerial photographs are summarized below.

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Historical fire insurance maps produced by the Sanborn Map Company were requested from Environmental Data Resources Inc. (EDR) to evaluate past uses and relevant characteristics of the PSA and surrounding properties. Based upon inquiries to the above-listed Sanborn provider, Sanborn maps were not available for the PSA. A copy of the Certified Sanborn Map report is included in Appendix C.

- Topographic map: Melgrove, South Carolina, published in 1919 from a **1918** survey, reprinted in 1944 (1:21,120)
- Topographic map: Cainhoy, South Carolina, published in 1958 from **1957** aerial photographs (1:24,000)
- Topographic map: 1979 North Charleston and 1971 Cainhoy, South Carolina, (1:24,000)
- Topographic map: North Charleston 1998, South Carolina, published in 1998 from **1977** aerial photographs using imagery dated 1998 (1:24,000)
- Topographic map: North Charleston, South Carolina, published in 2014 from **2011** aerial photographs (1:24,000)
- Aerial photograph: University of South Carolina Library: **1949, 1957, 1963, 1969, 1973, and 1979**; South Carolina Department of Natural Resources: **1994, 1999, and 2006**; ESRI GIS: **2015**

Historical Topographic Maps and Aerial Photographs

Direction	Description
Site	1919-2014 : Predominantly developed with a road (historic topographic maps illustrate the road labeled as Cainhoy Road)
North	1919 : Undeveloped woodlands; developed area with structures near eastern portion of the PSA 1949-1979 : Undeveloped woodlands; developed area with structures near the eastern portion of the PSA; agricultural properties near the western portion of the PSA 1994-2014 : Undeveloped woodlands; developed area with structures near eastern portion of the PSA; developed areas near the western portion of the PSA
East	1919-1958 : Predominantly undeveloped with a few structures present 1963-2014 : Developed with structures followed by undeveloped woodland
South	1919 : Undeveloped woodlands; developed area with structures near eastern portion of the PSA 1949-1998 : Undeveloped woodlands; developed area with structures near eastern portion of the PSA; agricultural fields near the western portion of the PSA 2006-2014 : Undeveloped woodlands; developed area with structures near the eastern portion of the PSA; developed areas near the western portion of the PSA; residential development south of the central portion of the PSA
West	1919-1958 : Predominantly undeveloped with few structures present 1963-2014 : Developed with structures followed by undeveloped woodland

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3.2 Historical City Directories

The Cole Information Services city directories used in this study was made available through EDR (selected years reviewed: 1992, 1995, 1999, 2003, 2008 and 2013) and were reviewed at approximate five-year intervals, if readily available. Since these references are copyright protected, reproductions are not provided in this report. Street listings were not available prior to 1999. The current street address for the PSA was identified as Clements Ferry Road.

Historical City Directories

Road/Year	Address
Clements Ferry 2013	1155 Occupant Unknown
	1156 Occupant Unknown
	1184 Clements Ferry Barbers & Stylists, Salvage Warehouse, The Te21
	1186 Occupant Unknown
	1187 Mccomb Landscaping Co, Occupant Unknown
	1188 Occupant Unknown
	1190 Maritime Construction & Development, Our Local Foods
	1192 Occupant Unknown
	1194 Occupant Unknown
	1195 A B I Fluid Power
	1196 Stacy Habersham
	1198 Ella Porcher
	1202 Occupant Unknown
	1229 Occupant Unknown
	1235 Occupant Unknown
	1236 Occupant Unknown
	1267 Occupant Unknown
	1311 Occupant Unknown
	1325 One Hour Air
	1509 Occupant Unknown
	1526 Roscoe Kellahan
	1527 St Paul Baptist Church
	1745 Camp Bow Wow
	1757 Heritage Community Services, Hong Kong Buffet Inc
	1797 Occupant Unknown
	1818 Henry Smith
	1826 Mary Vennings
	1838 Shannon Venning
	1840 Murray Venning
	1852 Terence Mack, Terencemackdavis
	1854 Leonard Thornton
	1860 Harold Lincoln
	1861 Occupant Unknown

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	<p>1867 Lillie Robertson 1872 Florence Green 1877 Francine Hardy 1878 Wire World of America Inc 1887 Newkirk Environmental Inc 1888 Davis & Small Décor</p>
Clements Ferry 2008	<p>1153 Harvey Fort 1184 Eastech Construction LLC, Sam Lovell 1190 Sam Lovell 1195 A B I Fluid Power, Carolina Carts 1196 Stacy Habersham 1198 Terrilyn Porcher 1526 Roscoe Kellahan 1757 Just Soupr, Wendy Dieterlen 1818 Henry Smith 1826 Mary Vennings 1838 Kevin Lincoln 1840 Murray Venning 1852 Susie Mack 1860 Harold Lincoln 1872 Florence Green 1877 Francine Hardy 1878 Wire World Of America Inc. 1887 J & D Four Holes LLC, John River Co LLC, Oakhill Estates LLC 1888 Davis & Small Decor Inc</p>
Clements Ferry 2003	<p>1153 Harvey Fort 1155 Amy Sheleby 1171 Larry Eitel 1187 Arnold Borowsky 1195 Abi Fluid Power 1196 P Porcher 1198 Terrilyn Porcher 1526 Roscoe Kellahan 1527 St Paul Baptist Church 1818 Henry Smith 1840 Murray Venning 1852 Keashia Boatwright, Mazalee Mack 1867 Lillie Robertsons 1872 Florence Green 1878 Wire World Of America Inc 1888 Davis & Small Decor Inc</p>
	<p>1153 Fort Harvey L Harvey Fort 1171 Bright Star</p>

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Clements Ferry 1999	1184 Bill Gibson 1187 Shirley Borowsky 1190 Bill Gibson, L Owens, Susan Free 1194 Wando Health Clinic 1196 P Porcher 1198 Terrily Porcher 1526 Roscoe Kellahan 1527 St Paul Baptist Church 1852 Mazalee Mack 1867 Lillie Robertson 1872 F Green
Highway 41 2013	2557 Occupant Unknown 2561 Occupant Unknown 2571 Leland Gaskins 2682 Louis Mintz 2686 Goggans Leon 2695 Occupant Unknown 2699 Marshall Carrigg 2700 Custom Equipment Co 2701 Herman Causey 2705 Joan Blair 2707 Occupant Unknown 2716 Occupant Unknown
Highway 41 2008	2559 Wandos Service & Grocery 2571 Ronald Kirven 2579 Philip Berlinsky 2686 Charlestown Boat Emporium Inc, Rumph Brothers Marine, Suncoast Upholstery 2699 Marshall Carrigg 2701 Herman Causey 2705 Frank Ayers 2713 Wando Pentecostal Holiness Church 2716 Carnell Construction Inc
Highway 41 2003	0 James Smalls 2557 Holly Parker 2558 Richard Hansen 2559 Pamela Bell, Wando Service & Grocery 2579 Berlinsky Philip A Atty at Law 2682 Travis Fordham 2686 Boyle Construction & Rnvtn, Boyle Construction Co, Leon Goggans, Leon Goggans, Rumph Brothers Marine 2695 Tia Glines 2699 Melinda Carrigg 2701 Herman Causey 2705 Frank Ayers

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	2713 Wando Pentecostal HIns Chrch 2719 Sadie Harmon
Highway 41 1999	0 James Smalls 2383 Main Industries Incorporated Sandblstng 2557 Goggans Leon, Suncoast Upholstery 2559 Wando Service & Grocery 2601 Kennys Bar & Grill 2669 Alice Sawotka 2686 Boyle Yacht Services, Leon Goggans 2695 Michael Pyle 2701 Herman Causey 2707 Charles Drose 2713 Reginal Thames, Thames Reginald L Rev 2718 Custom Equipment Company

Notable facilities identified based on review of the city directories included Wando Service & Grocery located at 2559 South Carolina Highway 41, and Fluid Power-Hydraulic Repair Service located at 1195 Clements Ferry Road. The two facilities are discussed further in Section 4.0.

3.3 Site Ownership

The PSA right-of-ways are owned and operated by the SCDOT.

3.4 Title Search

At the direction of the client, a title search was not included as part of the scope of services. Unless notified otherwise, we assume that the client is evaluating this information outside the scope of this report.

3.5 Environmental Liens and Activity and Use Limitations

Environmental lien and activity and use limitation records recorded against the PSA were not provided by the client. At the direction of the client, performance of a review of these records was not included as part of the scope of services and unless notified otherwise, we assume that the client is evaluating this information outside the scope of this report.

While not requested by the client, the EDR regulatory database report included a review of both Federal and State Engineering Control (EC) and Institutional Control (IC) databases. Based on a review of the database report, the site was not listed on the EC or IC databases. Please note that in addition to these federal and state listings, AULs can be recorded at the county and municipal level that may not be listed in the regulatory database report. Based on its limited nature, this review does not constitute a review of AULs per ASTM E1527-13.

3.6 Interviews Regarding Current and Historical Site Uses

The following individual was interviewed:

Interviewees

Interviewer	Interviewee/Phone #	Title	Date/Time
Patrick Homan	Marc McLysaght (Owner)	Owner of Eurotech, Mercedes-Benz, Land Rover and BMW Service Center	November 15, 2016 4:00 PM

Mr. Marc McLysaght, owner of Eurotech, Mercedes-Benz, Land Rover and Bavarian Motor Works (BMW) Service center located at 1925 Clements Ferry Road, was not aware of any pending, threatened or past environmental litigation, proceedings or notices of possible violations of environmental laws or liability, or potential environmental concerns in connection with the facility. Mr. McLysaght indicated he has been associated with the facility for the past two years. The facility is shared between the auto service center and Kevin C. Reed Construction. Mr. McLysaght indicated he had used above ground storage tanks (ASTs) containing motor oil in his shop, and that a disposal service regularly comes to dispose of the motor oil. Mr. McLysaght was not aware of any pipelines or wells on the facility.

No owner information was provided; therefore, no owner interview was conducted. The lack of an owner interview represents a data gap as defined by ASTM E1527-13 Section 3.2.21, however it is not anticipated to effect the conclusions and recommendations in this Phase I ESA.

3.7 Prior Report Review

Terracon requested the client provide any previous environmental reports they are aware of for the PSA. Previous reports were not provided by the client to Terracon for review.

4.0 RECORDS REVIEW

Regulatory database information was provided by EDR, a contract information services company. The purpose of the records review was to identify RECs in connection with the PSA. Information in this section is subject to the accuracy of the data provided by the information services company and the date at which the information is updated, and the scope herein did not include confirmation of facilities listed as "unmappable" by regulatory databases.

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In some of the following subsections, the words up-gradient, cross-gradient and down-gradient may refer to the topographic gradient in relation to the PSA. As stated previously, the groundwater flow direction and the depth to shallow groundwater, if present, would likely vary depending upon seasonal variations in rainfall and the depth to the soil/bedrock interface. Without the benefit of groundwater monitoring wells surveyed to a datum, groundwater depth and flow direction beneath the PSA cannot be directly ascertained.

4.1 Federal and State/Tribal Databases

Listed below are the facility listings identified on federal and state/tribal databases within the ASTM-required search distances from the approximate PSA boundaries. Database definition, descriptions, and the database search report are included in Appendix D.

Federal Databases

Database	Description	Radius (miles)	Listings
CERCLIS	Comprehensive Environmental Response, Compensation, & Liability Information System	0.5	0
CERCLIS / NFRAP	Comprehensive Environmental Response, Compensation, & Liability Information System/No Further Remedial Action Planned	0.5	0
ERNS	Emergency Response Notification System	Site	0
IC / EC	Institutional Control/Engineering Control	Site	0
NPL	National Priorities List	1	0
NPL (Delisted)	National Priorities Delisted List	0.5	0
RCRA CORRACTS/ TSD	RCRA Corrective Action Activity	1	0
RCRA Generators	Resource Conservation and Recovery Act	Site and adjoining properties	0
RCRA Non-CORRACTS/ TSD	RCRA Non-Corrective Action Activity	0.5	1

State/Tribal Databases

Database	Description	Radius (miles)	Listings
AUL	Activity and Use Limitations Listings	Site	0
Brownfields	Brownfields Sites	0.5	0
LUST	Leaking Underground Storage Tanks	0.5	4
SHWS	State Hazardous Waste Site	0.5	0
SWF/LF	Solid Waste Facilities/Landfills	0.5	0
UST	Underground Storage Tanks	Site and adjoining properties	4
VCP	Voluntary Cleanup Program Sites	0.5	0

In addition to the above ASTM-required listings, Terracon reviewed other federal, state, local, and proprietary databases provided by the database firm. A list of the additional reviewed databases is included in the regulatory database report included in Appendix D.

The following table summarizes the site-specific information provided by the database and/or gathered by this office for identified facilities. Facilities are listed in order of proximity to the PSA. Additional discussion for selected facilities follows the summary table.

Listed Facilities

Facility Name And Location	Estimated Distance / Direction	Database Listings	Is a REC to the Site
Shell Blue Water 19 1952 Clements Ferry Road	Adjacent / north	UST, LUST	REC
Circle K 2723796 1971 Clements Ferry Road	Adjacent / south	UST	Not a REC
Wando Grocery RT 1 Box 11	Adjacent / north	UST, LUST	REC
Auto Inspectors of South Carolina & Butchs Automotive Service & Fluid Power - Hydraulic Repair Service & Wando Boat Repair 1195 Clements Ferry Road & 1071 Fogarty Lane	Adjacent / south	EDR Historical Auto Stations	REC
GE Betz Inc 1074 Clements Ferry Road	Adjacent / north	RCRA Non-Gen	Not a REC, based on file review discussed below

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Facility Name And Location	Estimated Distance / Direction	Database Listings	Is a REC to the Site
Cohen Gaskins Jr. Parcel Intersection of South Carolina Highway 41 and Clements Ferry Road	Adjacent / east	N/A	REC
Wando Lounge & Wando Grocery 2601 South Carolina Highway 41 & 2559 South Carolina Highway 41	Adjacent / west	LUST	REC
SCDOT Wando Section Shed	Adjacent / west	UST, LUST	REC

Note: The locations of the facilities listed in the table above are depicted in the Site Diagram (Exhibit 2) in Appendix A.

Shell Blue Water 19

Shell Blue Water 19 is located at 1952 Clements Ferry Road, and is currently an operational gas station utilizing USTs for petroleum storage. Terracon contacted Mr. Joel Padgett from the South Carolina Department of Health and Environmental Control (SCDHEC), on December 15, 2016 for additional information regarding the Blue Water 19 Gas Station. Mr. Padgett stated that there are currently two underground tanks in operation at the Blue Water Station. One 20,000 gallon diesel tank and one 20,000 gallon half unleaded and half premium gasoline tank. Mr. Padgett stated that the operator of the Blue Water station submitted a release report on March 28, 2012. A confirm date of April 4, 2012 was reported, and a NFA was dated April 4, 2012. The Blue Water 19 facility represents a REC to the site based on the documented petroleum release.

Circle K 2723796

Circle K 2723796 is located at 1971 Clements Ferry Road, and is currently an operational gas station utilizing USTs for petroleum storage. Terracon contacted Mr. Joel Padgett from the SCDHEC on December 15, 2016 for additional information regarding the Circle K 2723796 facility. Mr. Padgett stated that there are currently two underground tanks in operation at the Circle K Station including one 20,000 gallon gasoline UST and one 20,000 compartmented gasoline UST. DHEC was notified about a spill on October 17, 2015; however, the spill was not determined to be a documented petroleum release and no corrective action was performed as a result of the spill. The Circle K 2723796 facility does not represent a REC to the site at this time based on regulatory status.

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Wando Grocery

Terracon contacted Mr. Joel Padgett from the SCDHEC, on December 15, 2016 for additional information regarding the Wando Grocery (SCDHEC site identification number 14383) located at RT 1 PO BOX 11. Mr. Padgett stated that a 1,500 gallon gasoline UST and a 1,000 gallon gasoline UST were abandoned on June 27, 1992. A petroleum release was reported on December 14, 1991. A Conditional No Further Action (CNFA) was granted for the release by SCDHEC on April 19, 2004. This information is consistent with the information obtained from the SCDHEC UST Registry for the Wando Grocery facility. The Wando Grocery facility represents a REC to the site based on the documented petroleum release.

Auto Inspectors of South Carolina & Butch's Automotive Service & Fluid Power - Hydraulic Repair Service & Wando Boat Repair

Four businesses identified as Auto Inspectors of South Carolina, Butch's Automotive Service, and Fluid Power - Hydraulic Repair Service, and Wando Boat Repair have operated at the facility located on the southwest corner of the intersection of Clements Ferry Road and Fogarty Lane. The facilities addresses are identified as 1195 Clements Ferry Road and 1071 Fogarty Lane. The EDR report documented the property as a historic auto repair facility. The review of historic aerial photographs indicate that a building consistent with the current development has been developed on the site since at least 1989. This facility represents a REC to the site based on proximity to the PSA.

Ge Betz Inc

GE Betz, Inc. is located at 1074 Clements Ferry Road. The facility was listed in the EDR database report as a RCRA Non-Generator, FINDS facility. According to the EDR report, non-Generators do not presently generate hazardous waste. A compliance assistance visit was conducted for the facility on November 14, 2006, and no violations were reported. The GE Betz, Inc. facility does not constitute a REC based on regulatory status.

Cohen Gaskins Jr. Parcel

The Cohen Gaskins Jr. Parcel was not identified in the regulatory databases reviewed. However, according to the SC 41 Bridge Replacement over the Wando River Environmental Assessment (EA) dated May 4, 2010, the property "contained features indicative of the former existence of a gasoline station" including a former dispenser island. The EA documented an EA that was conducted in November of 2000, which resulted in the identification of petroleum contamination in the subsurface. The Cohen Gaskins Jr. Parcel represents a REC to the PSA based on the documented subsurface petroleum contamination.

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Wando Lounge & Wando Grocery & Godwins Inc.

Based on information obtained from the SCDHEC UST Registry, the EDR report, and SCDHEC representatives, the Wando Lounge (SCDHEC identification number 19449), Wando Grocery (SCDHEC identification number 14035), and Godwins Inc. (SCDHEC identification number 01208) were determined to be the same facility documented under three different facility names and SCDHEC site identification numbers. Based on information obtained from the SCDHEC UST Registry, the facility identified as Godwins Inc. was located on South Carolina Highway 41 and shared the same ownership as Wando Grocery (H&S Oil Company Inc.). The UST Registry contained no information regarding past use of USTs on the Godwins Inc. facility and no petroleum releases have been documented based on the information reviewed. The Wando Lounge is documented to be located at 2601 South Carolina Highway 41. The Wando Grocery is documented to be located at 2559 South Carolina Highway 41. Terracon contacted Mr. Joel Padgett from the SCDHEC, on December 15, 2016 for additional information regarding the facility. Mr. Padgett confirmed the information documented in the SCDHEC UST Registry. Based on information obtained from the UST Registry, the facility formerly operated two 6,000 gallon gasoline USTs, two 550 gallon gasoline USTs, and one 1,000 gallon gasoline UST. All of the USTs were documented to be abandoned on November 1, 1991. A release was confirmed at the facility on March 23, 1992. A cleanup date of January 21, 2009 was documented for the release. The Wando Lounge & Wando Grocery & Godwins Inc. facility represents a REC to the PSA based on the documented petroleum release.

SCDOT Wando Section Shed

According to the SCDOT SC 41 Bridge Replacement over the Wando River EA Report dated February 2013, "The former SCDOT Wando Shed formerly utilized two USTs for the storage of diesel fuel. A fuel release has been reported for the site and the 1,000 gallon and 560 gallon USTs formerly operated at the site were abandoned by removal. A NFA status was issued for the site in May 1990. Due to the former utilization of USTs at the site and the resulting fuel release, the potential exists for subsurface petroleum based contamination to remain at the site." The SCDOT Wando Section Shed constitutes a REC based on the documented petroleum release.

The remaining facilities listed in the database report do not appear to represent RECs to the PSA at this time based upon regulatory status, apparent topographic gradient, and/or distance from the PSA.

Unmapped facilities are those that do not contain sufficient address or location information to evaluate the facility listing locations relative to the PSA. The report listed one facility in the unmapped section. Determining the location of unmapped facilities is beyond the scope of this assessment; however, none of these facilities were identified as the PSA or adjacent properties. These facilities are listed in the database report in Appendix D.

4.2 Local Agency Inquiries

Agency Contacted/ Contact Method	Response
Charleston Fire Department (843) 720-1981	Terracon left a voicemail with the Charleston fire department requesting information regarding records of past occurrences at the site that may have required an emergency response related to spills, releases, or improper disposal of hazardous materials or petroleum products at the site. At the issuance of this report, a response has not been received from the Charleston Fire Department.
SCDHEC (803) 898-0655	Terracon contacted Mr. Joel Padgett from the SCDHEC, on December 15, 2016 around 9:00AM regarding additional information on several regulated facilities including: Shell Blue Water 19 Gas Station, Circle K 2723796, Wando Grocery, and Wando Lounge & Wando Grocery & Godwins Inc. Further information from this interview is discussed in Section 4.1.

5.0 SITE RECONNAISSANCE

5.1 General Site Information

Information contained in this section is based on a visual reconnaissance conducted while walking through the PSA and the accessible interior areas of structures, if any, located on the PSA. Exhibit 2 in Appendix A is a Site Diagram of the PSA. Photo documentation of the PSA at the time of the visual reconnaissance is provided in Appendix B. Credentials of the environmental professional planning and managing the PSA visit are included in Appendix E.

General Site Information

Site Reconnaissance	
Field Personnel	Patrick Homan
Reconnaissance Date	November 15, 2016
Weather Conditions	Clear 70's
Site Contact/Title	Infrastructure Consulting & Engineering, PLLC

Phase I Environmental Site Assessment

Clements Ferry Road Widening ■ Berkeley County, South Carolina

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5.2 Overview of Current Site Occupants

The project study area (PSA) is a 4.5 mile segment of Clements Ferry Road (S-08-33) between Jack Primus Road and South Carolina Highway 41. The PSA boundary evaluated for this ESA is based on limits of disturbance provided by Infrastructure Consulting & Engineering, PLLC. The PSA also contains portions of Cainhoj Road (South Carolina 98), Rivers Reach Drive, Reflectance Drive, Riverbend Trail, and South Carolina Highway 41. Properties adjacent to the PSA predominately consist of undeveloped wooded land. Developed properties along the PSA consisted of residences along the central and eastern portions of the PSA. Commercial businesses are located along the western and eastern portions of the PSA.

5.3 Site Observations

The following table summarizes PSA observations and interviews. Affirmative responses (designated by an "X") are discussed in more detail following the table.

Site Characteristics

Category	Item or Feature	Observed or Identified
Site Operations, Processes, and Equipment	Emergency generators	X
	Elevators	
	Air compressors	
	Hydraulic lifts	
	Dry cleaning	
	Photo processing	
	Ventilation hoods and/or incinerators	
	Waste treatment systems and/or water treatment systems	
	Heating and/or cooling systems	
	Paint booths	
	Sub-grade mechanic pits	
	Wash-down areas or carwashes	
	Pesticide/herbicide production or storage	
	Printing operations	
	Metal finishing (e.g., electroplating, chrome plating, galvanizing, etc.)	
	Salvage operations	
	Oil, gas or mineral production	
Other processes or equipment		
	Aboveground storage tanks	

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Clements Ferry Road Widening ■ Berkeley County, South Carolina

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Category	Item or Feature	Observed or Identified
Aboveground Chemical or Waste Storage	Drums, barrels and/or containers ≥ 5 gallons	
	MSDS or SDS	
Underground Chemical or Waste Storage, Drainage or Collection Systems	Underground storage tanks or ancillary UST equipment	
	Sumps, cisterns, French drains, catch basins and/or dry wells	
	Grease traps	
	Septic tanks and/or leach fields	
	Oil/water separators, clarifiers, sand traps, triple traps, interceptors	
	Pipeline markers	X
	Interior floor drains	
Electrical Transformers/ PCBs	Transformers and/or capacitors	X
	Other equipment	
Releases or Potential Releases	Stressed vegetation	
	Stained soil	
	Stained pavement or similar surface	
	Leachate and/or waste seeps	
	Trash, debris and/or other waste materials	
	Dumping or disposal areas	
	Construction/demolition debris and/or dumped fill dirt	X
	Surface water discoloration, odor, sheen, and/or free floating product	
	Strong, pungent or noxious odors	
	Exterior pipe discharges and/or other effluent discharges	
Other Notable Site Features	Surface water bodies	X
	Quarries or pits	
	Wastewater lagoons	
	Wells	

Site Operations, Processes, and Equipment

Emergency generators

One emergency generator was identified north of the PSA at 1001 Clements Ferry Road on the northwestern corner of the intersection of Clements Ferry Road and Cainhoy Road. The property is owned by Southern Bell Telephone and the emergency generator appears to be fueled by propane. Evidence of an UST was observed immediately adjacent to the structure on the site; however, the facility was not identified in the regulatory databases reviewed. The facility does not represent a REC to the site based on the apparent use of propane to fuel the emergency generator on the site.

Underground Chemical or Waste Storage, Drainage or Collection Systems

Pipeline markers

Natural gas pipeline markers were observed in the ROW that crosses the PSA approximately 650 feet west of the intersection of Clements Ferry Road and Cainhoy Road. The pipeline markers are not indicative of a REC.

Electrical Transformers/PCBs

Transformers and/or capacitors

Approximately 40 pole-mounted electrical transformers were observed along Clements Ferry Road. No information with regard to PCB content of the transformers was readily visible. Some transformers contain mineral oil which may contain PCBs. However, the utility company maintains responsibility for the transformers, and if the transformers were "PCB contaminated," the utility company is not required to replace the transformer fluids until a release is identified. No staining was observed around the pole-mounted transformers. The pole-mounted transformers do not represent a REC.

Releases or Potential Releases

Construction/demolition debris and/or dumped fill dirt

An abandoned concrete block structure was observed inside the PSA boundary. The abandoned structure is located at 1026 Cainhoy Road based on geocoded address information obtained from readily available resources. A second structure was observed located approximately at 1861 Clements Ferry Road. The structures do not constitute a REC.

Other Notable Site Features

Surface water bodies

Two ponds were observed at 1184 Clements Ferry Road and 1134 Clements Ferry Road adjacent to the PSA. Martin Creek, a tributary to Beresford Creek, was identified transecting the western portion of the PSA. An unnamed tributary to the Wando River was observed transecting the eastern portion of the PSA. No evidence of chemical sheens were observed on the surface of the waters, and no noxious odors were noted emanating from within the storm water ponds at the time of the PSA reconnaissance.

5.4 Site Reconnaissance Summary

Terracon conducted a site reconnaissance on November 15, 2016. Notable features identified during the site reconnaissance included operational gas stations, vehicle repair facilities, ponds, utility ROWs, and pole mounted electrical transformers.

6.0 ADJOINING PROPERTY RECONNAISSANCE

Adjoining properties contain undeveloped woodlands, utility ROWs, residences, and commercial businesses including operational gas stations. In addition to the adjoining properties described throughout this report, the following vehicle repair facilities were identified along the PSA during the site reconnaissance:

- Whitton Marine Inc. / 1141 Clements Ferry Road
- Eurotech, Mercedes-Benz, Land Rover and BMW Service Center / 1925 Clements Ferry Road

The vehicle repair facilities were not documented in the regulatory databases reviewed; however, it should be noted that vehicle repair facilities often generate hazardous materials and waste petroleum. Specific information that would be indicative of petroleum or hazardous material releases at the facilities was not reasonably ascertainable during this ESA. No evidence of releases or hazardous materials was identified at these facilities during the site reconnaissance. The vehicle repair facilities do not currently represent a REC to the PSA at this time. If additional information regarding releases of petroleum or hazardous materials at these facilities is identified at a later date, Terracon would recommend further evaluation.

7.0 ADDITIONAL SERVICES

Per the agreed scope of services specified in the proposal, additional services (e.g. asbestos sampling, lead-based paint sampling, wetlands evaluation, lead in drinking water testing, radon testing, vapor encroachment screening, etc.) were not conducted.

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December 22, 2016 ■ Terracon Project No. EN167338



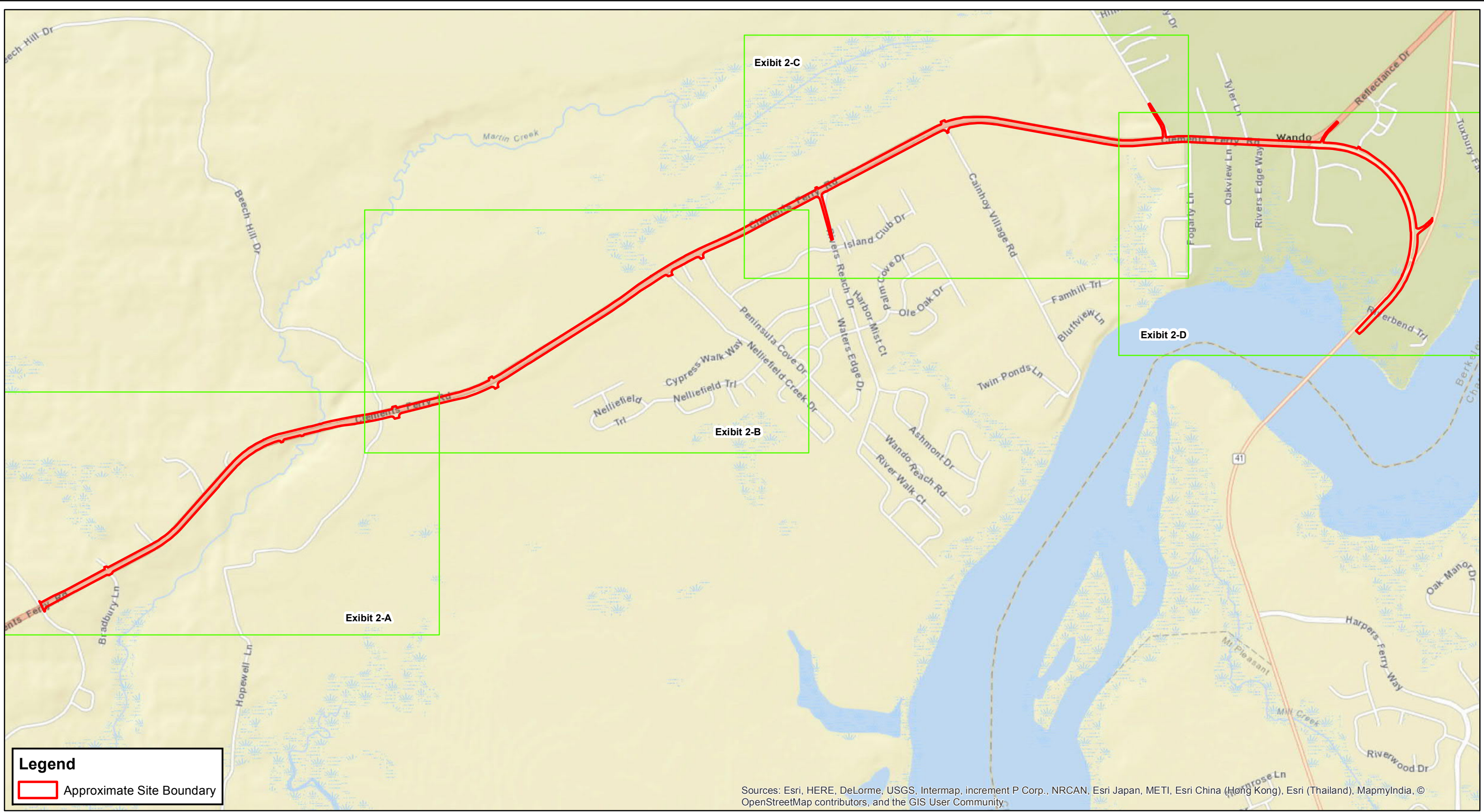
8.0 DECLARATION

I, Andy Ruocco, declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in Section 312.10 of 40 CFR 312; and I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the PSA. I have developed and performed the All Appropriate Inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

A handwritten signature in black ink, appearing to read "Andy Ruocco", is written over a solid horizontal line.

Andy Ruocco
Environmental Professional

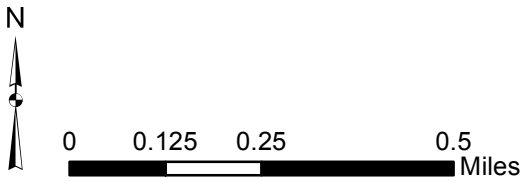
APPENDIX A
EXHIBIT 1 – TOPOGRAPHIC MAP
EXHIBIT 2 – SITE DIAGRAM



Legend

Approximate Site Boundary

Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), MapmyIndia, © OpenStreetMap contributors, and the GIS User Community



Project No.	EN167338
PM:	JTM
Drawn By:	JTM
Date:	12/20/2016

Terracon

1450 Fifth Street West N.Charleston, SC 29405
 Phone: 843.884.1234 Fax: 843.884.9234

Site Diagram

**Phase I ESA
 Clements Ferry Road Widening:
 Jack Primus Road to SC 41**

Berkeley County South Carolina

EXHIBIT NO.	2
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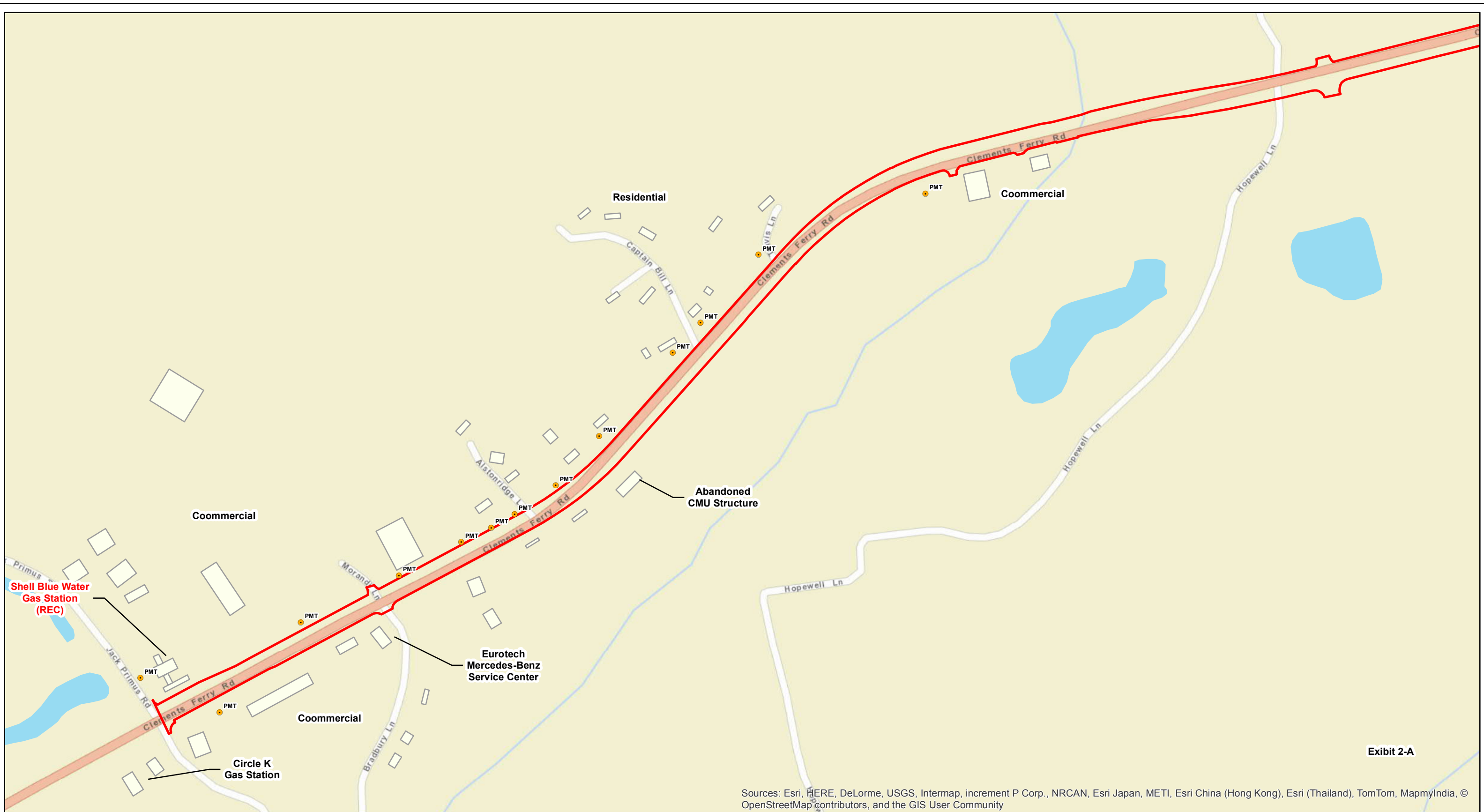
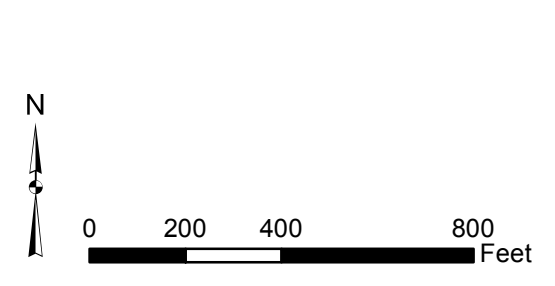


Exhibit 2-A

Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community



Legend	
	Pole Mounted Transformer
	Approximate Site Boundary
	Building
	Pond

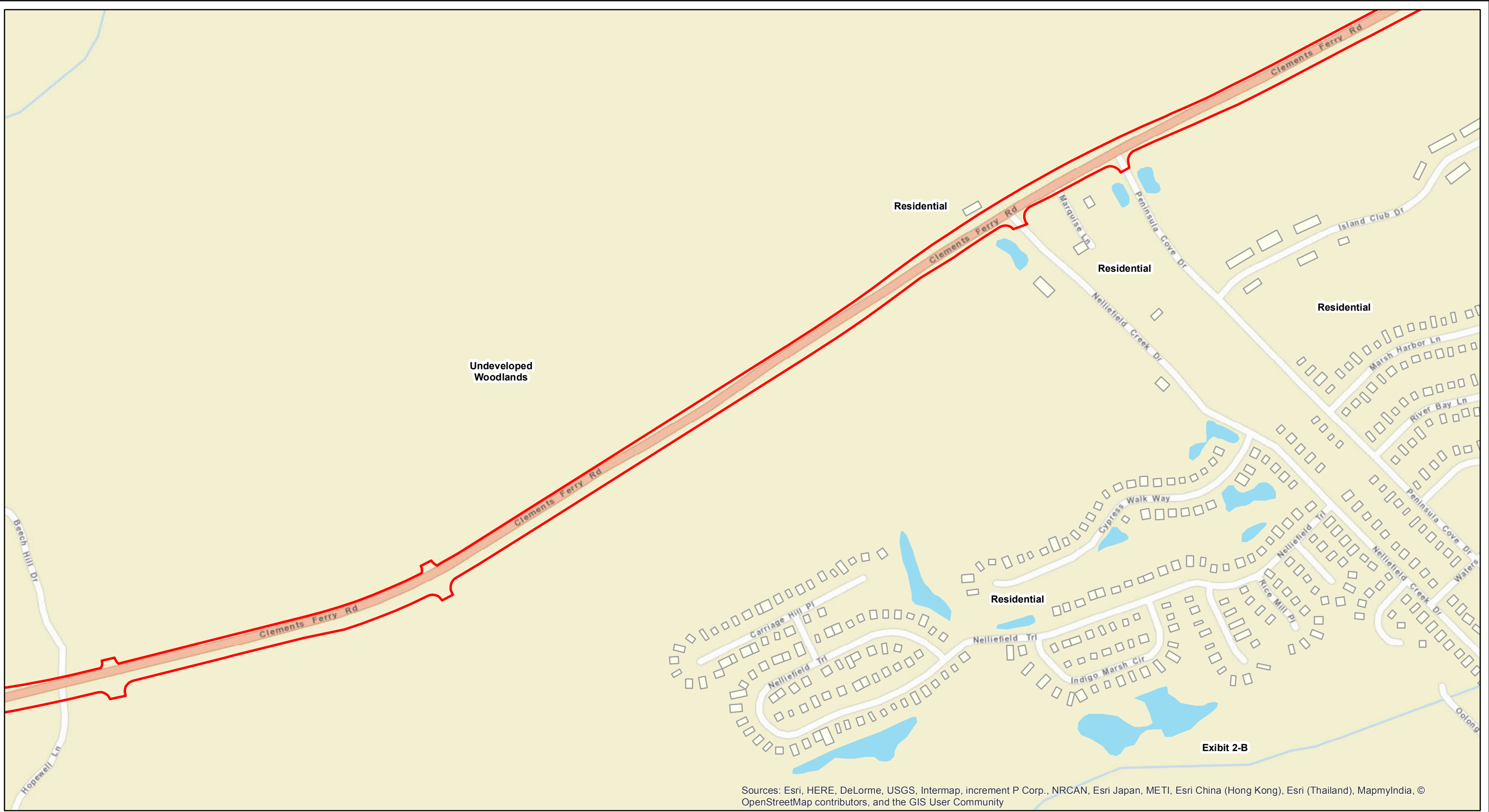
Project No.	EN167338
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Drawn By:	JTM
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Site Diagram	
Phase I ESA Clements Ferry Road Widening: Jack Primus Road to SC 41	
Berkeley County	South Carolina

EXHIBIT NO.	2-A
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Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Legend

- Approximate Site Boundary
- Building
- Pond

0 200 400 800 Feet

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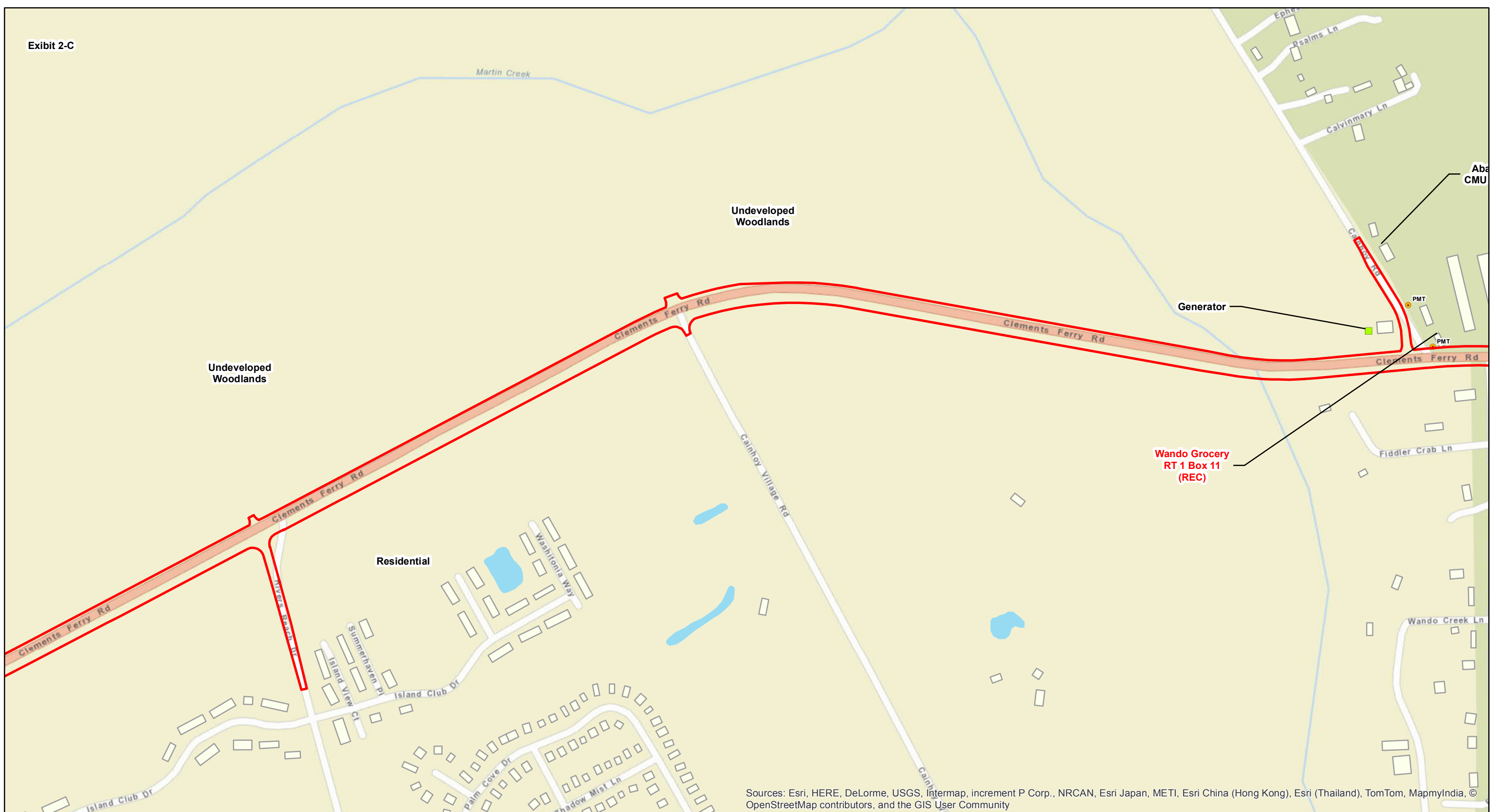
1450 Fifth Street West N.Charleston, SC 29405
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Site Diagram

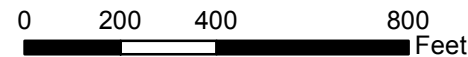
**Phase I ESA
 Clements Ferry Road Widening:
 Jack Primus Road to SC 41**

Berkeley County South Carolina

EXHIBIT NO.	2-B
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Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community



Legend	
	Approximate Site Boundary
	Pole Mounted Transformer
	Building
	Pond

Project No.	EN167338
PM:	JTM
Drawn By:	JTM
Date:	12/21/2016

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Site Diagram

Phase I ESA
Clements Ferry Road Widening:
Jack Primus Road to SC 41

Berkeley County South Carolina

EXHIBIT NO.	2-C
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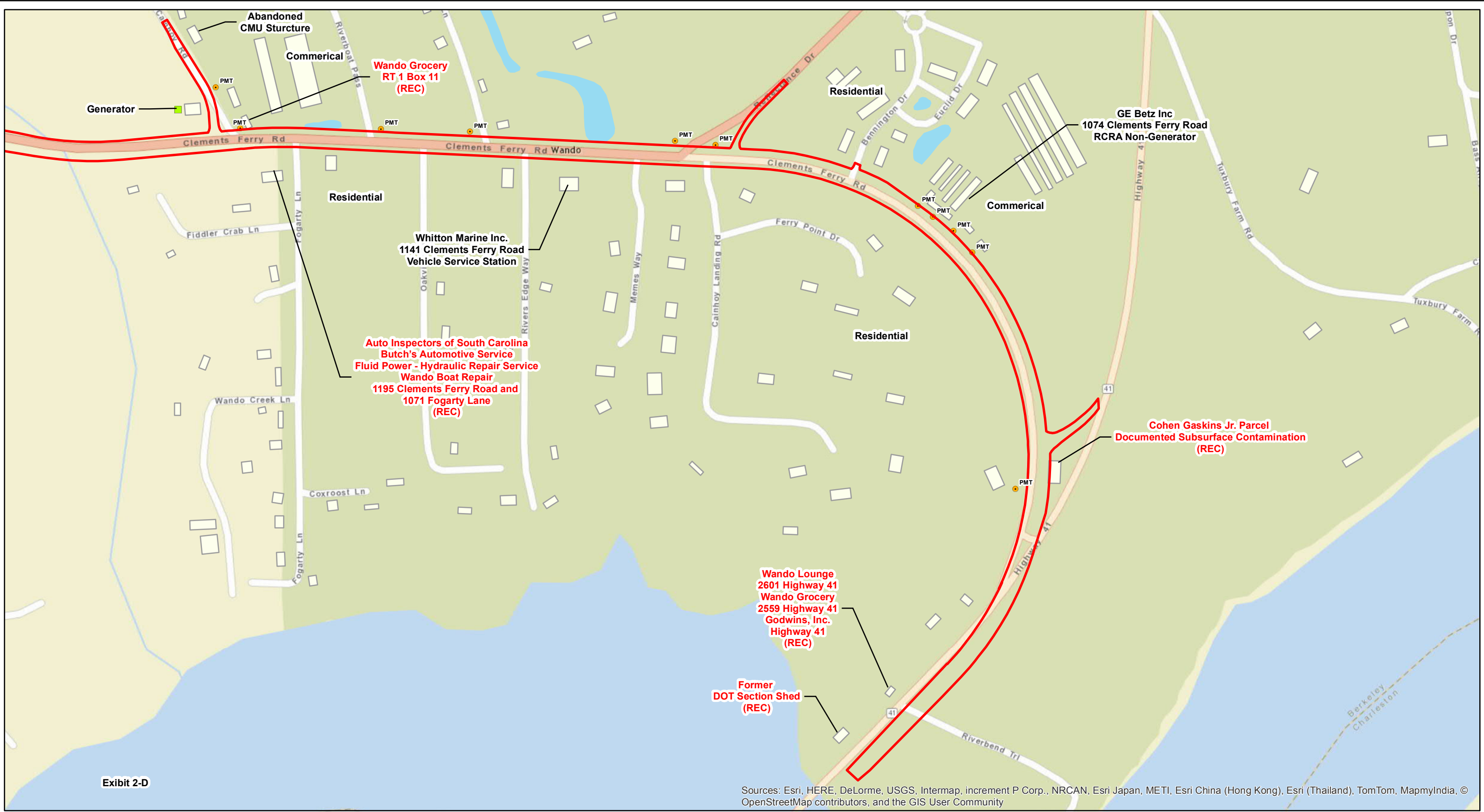
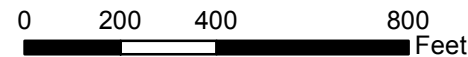


Exhibit 2-D

Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community



Legend	
	Approximate Site Boundary
●	Pole Mounted Transformer
	Building
	Pond

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Site Diagram	
Phase I ESA	
Clements Ferry Road Widening:	
Jack Primus Road to SC 41	
Berkeley County	South Carolina

EXHIBIT NO.	2-D
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APPENDIX B
SITE PHOTOGRAPHS



Photo #1 View of Circle K 2723796 gas station located at 1971 Clements Ferry Road.



Photo #2 View of Blue Water 19 gas station at 1952 Clements Ferry Road.



Photo #3 View of Eurotechs, Mercedes-Benz, Land Rover and BMW service center located at 1925 Clements Ferry Road.



Photo #4 View of abandoned concrete block structure at approximately 1861 Clements Ferry Road.



Photo #5 View located approximately at 1001 Cainhoy Road.

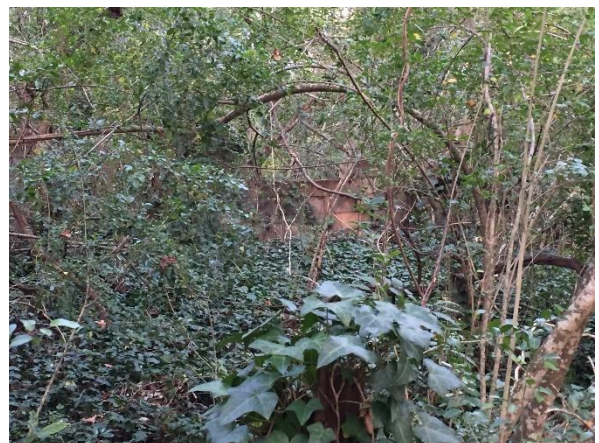


Photo #6 View of abandoned concrete block structure located next to 1026 Cainhoy Road.



Photo #7 View of Wando Grocery RT1 Box 11 (REC).



Photo #8 View of Auto Inspectors of South Carolina, Butch's Automotive Service, Wando Boat Repair, located at 1195 Clements Ferry Road (REC).



Photo #9 Approximate view of Whitton Marine Inc. located at 1141 Clements Ferry Road.



Photo #10 Approximate view of GE Betz Inc. located at 1074 Clements Ferry Road.

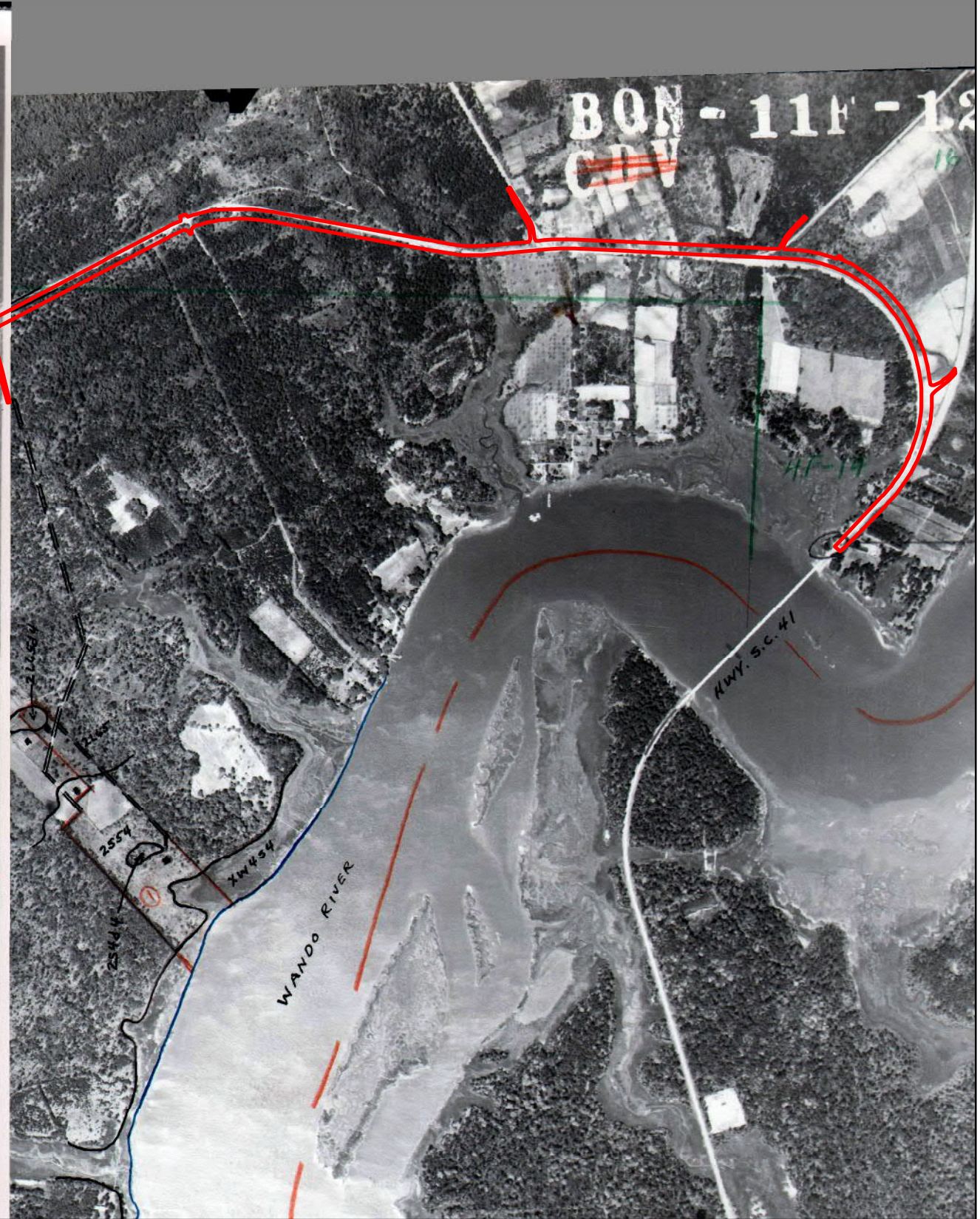
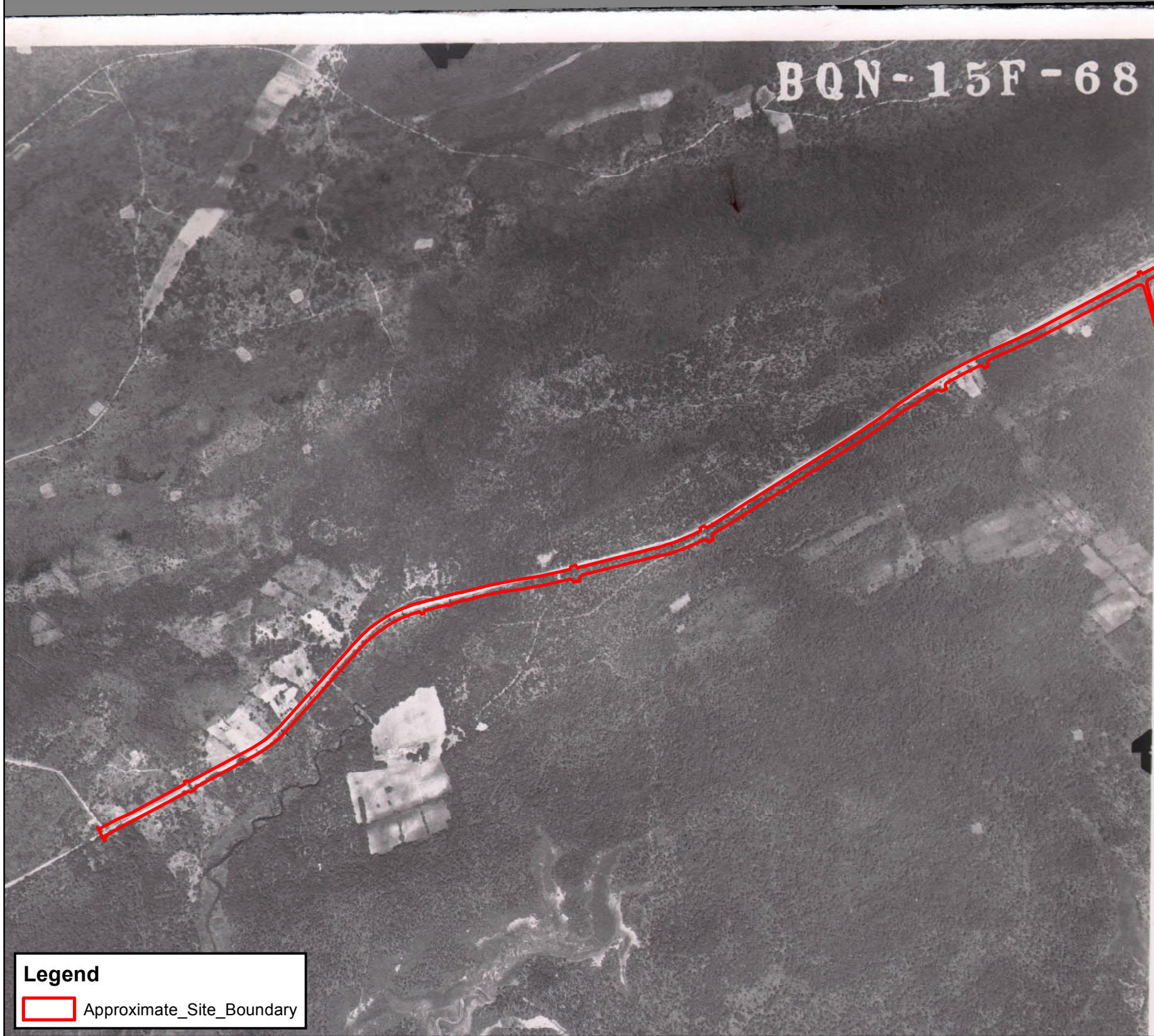



Photo #11 View of Cohen Gaskins Jr. Parcel (REC).

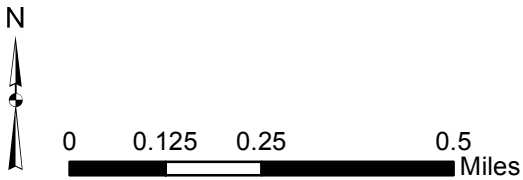


Photo #12 View of Wando Lounge 2601 Highway 41, Wando Grocery 2559 Highway 41 Godwins, Inc. Highway 41 (REC)

APPENDIX C
HISTORICAL DOCUMENTATION



Legend
 Approximate_Site_Boundary



Project No.	EN167338
PM:	JTM
Drawn By:	JTM
Date:	11/10/2016

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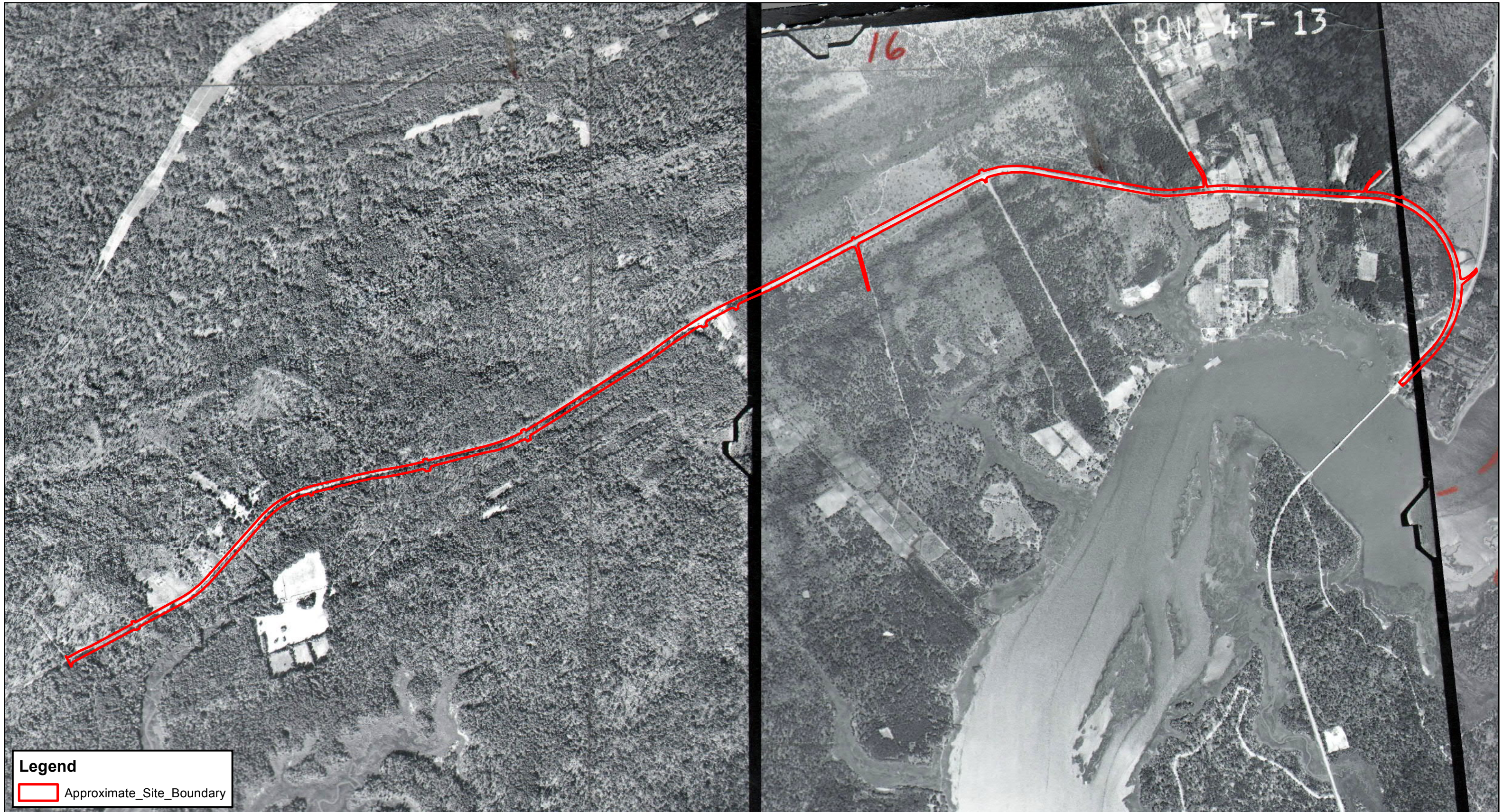
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1949 Aerial View

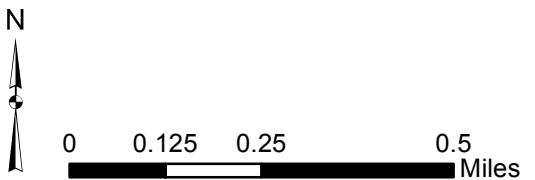
**Phase I ESA
 Clements Ferry Road Widening:
 Jack Primus Road to SC 41**

Berkeley County South Carolina

EXHIBIT NO.	A
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Legend
 Approximate_Site_Boundary



Project No.	EN167338
PM:	JTM
Drawn By:	JTM
Date:	11/10/2016

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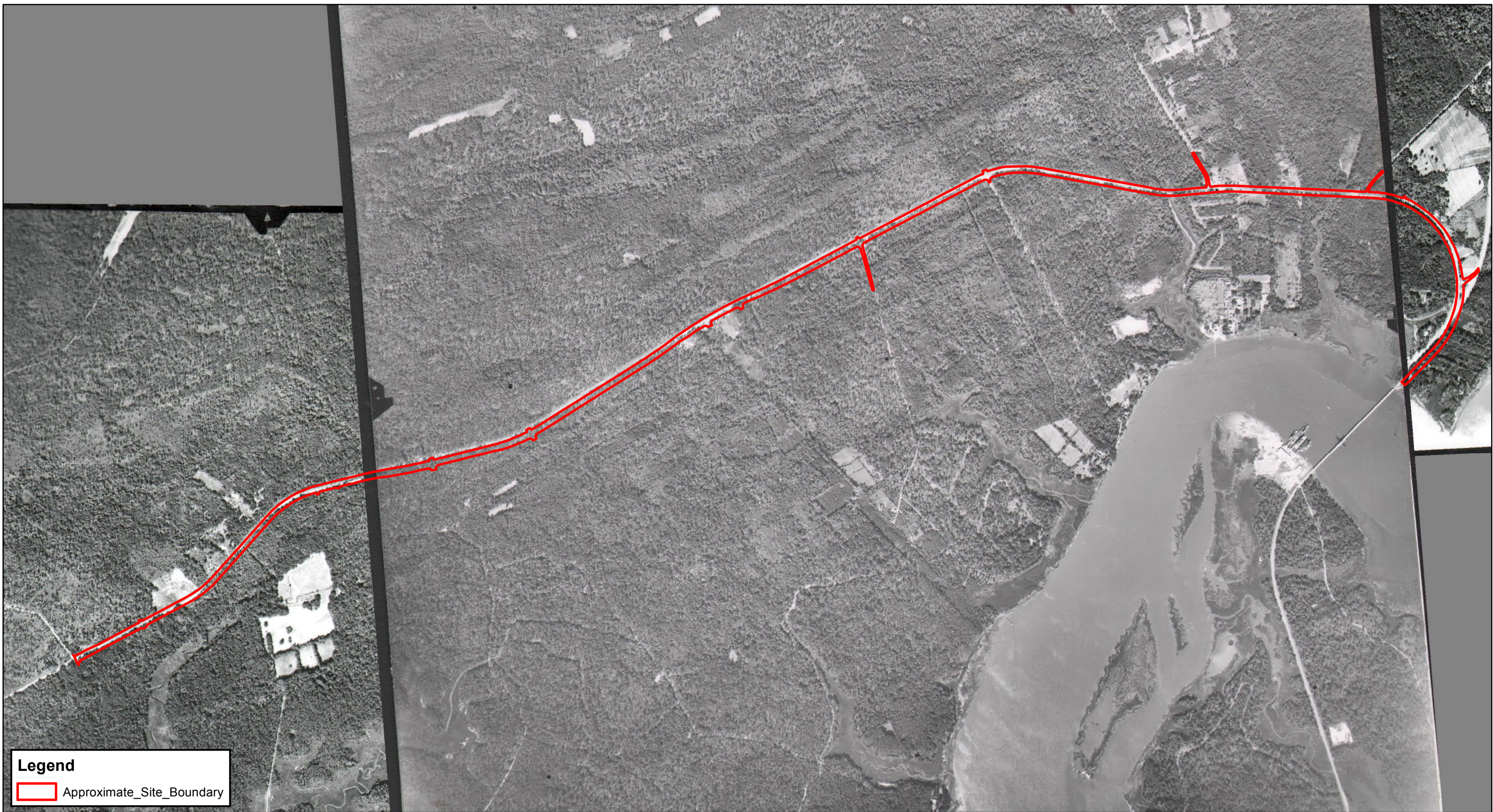
1450 Fifth Street West N.Charleston, SC 29405
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1957 Aerial View

**Phase I ESA
 Clements Ferry Road Widening:
 Jack Primus Road to SC 41**

Berkeley County South Carolina

EXHIBIT NO.	B
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Legend
 Approximate_Site_Boundary



0 0.125 0.25 0.5
 Miles

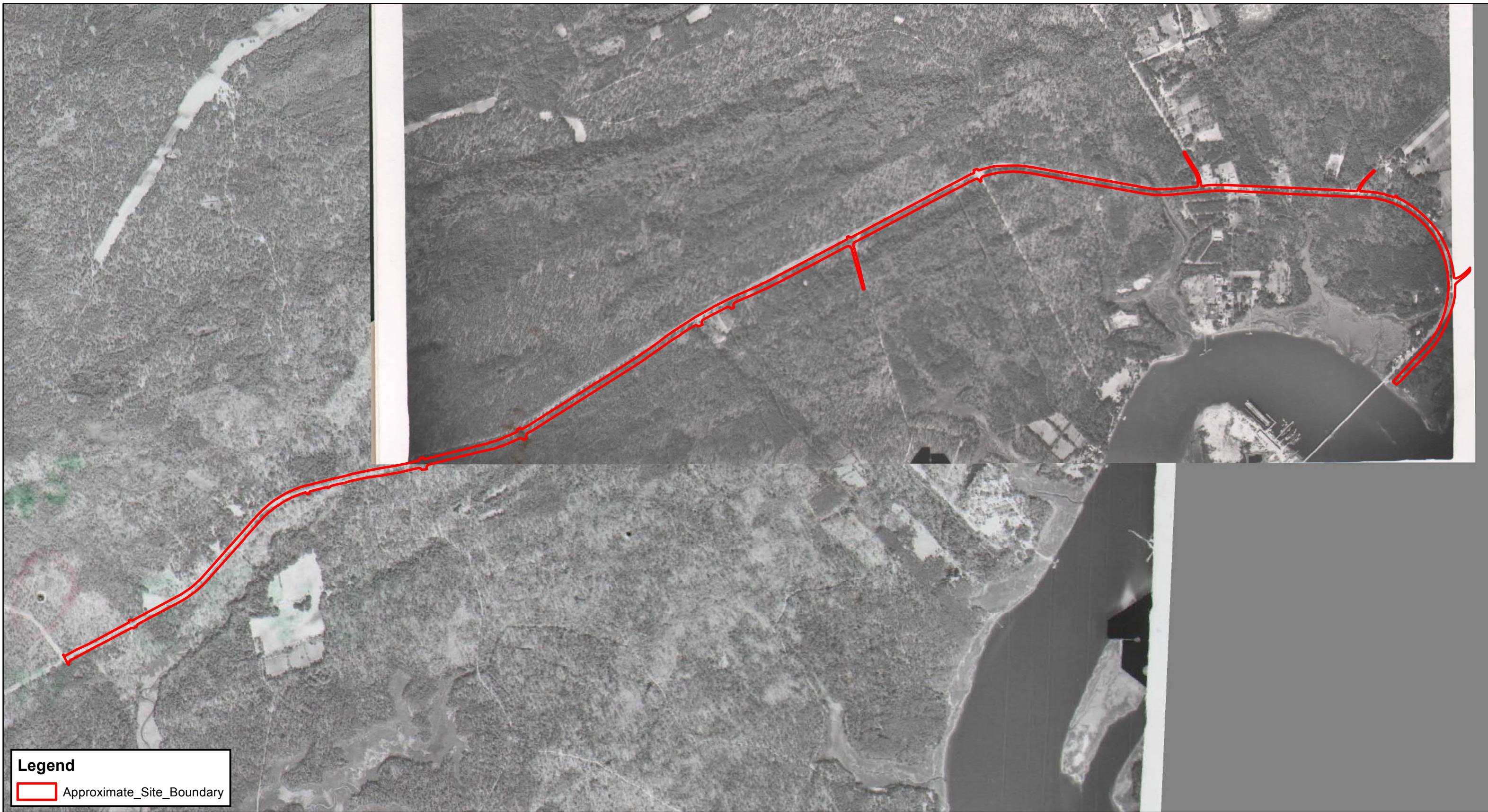
Project No.	EN167338
PM:	JTM
Drawn By:	JTM
Date:	11/10/2016

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1963 Aerial View
Phase I ESA Clements Ferry Road Widening: Jack Primus Road to SC 41
Berkeley County South Carolina

EXHIBIT NO.
C



Legend
 Approximate_Site_Boundary



0 0.125 0.25 0.5
 Miles

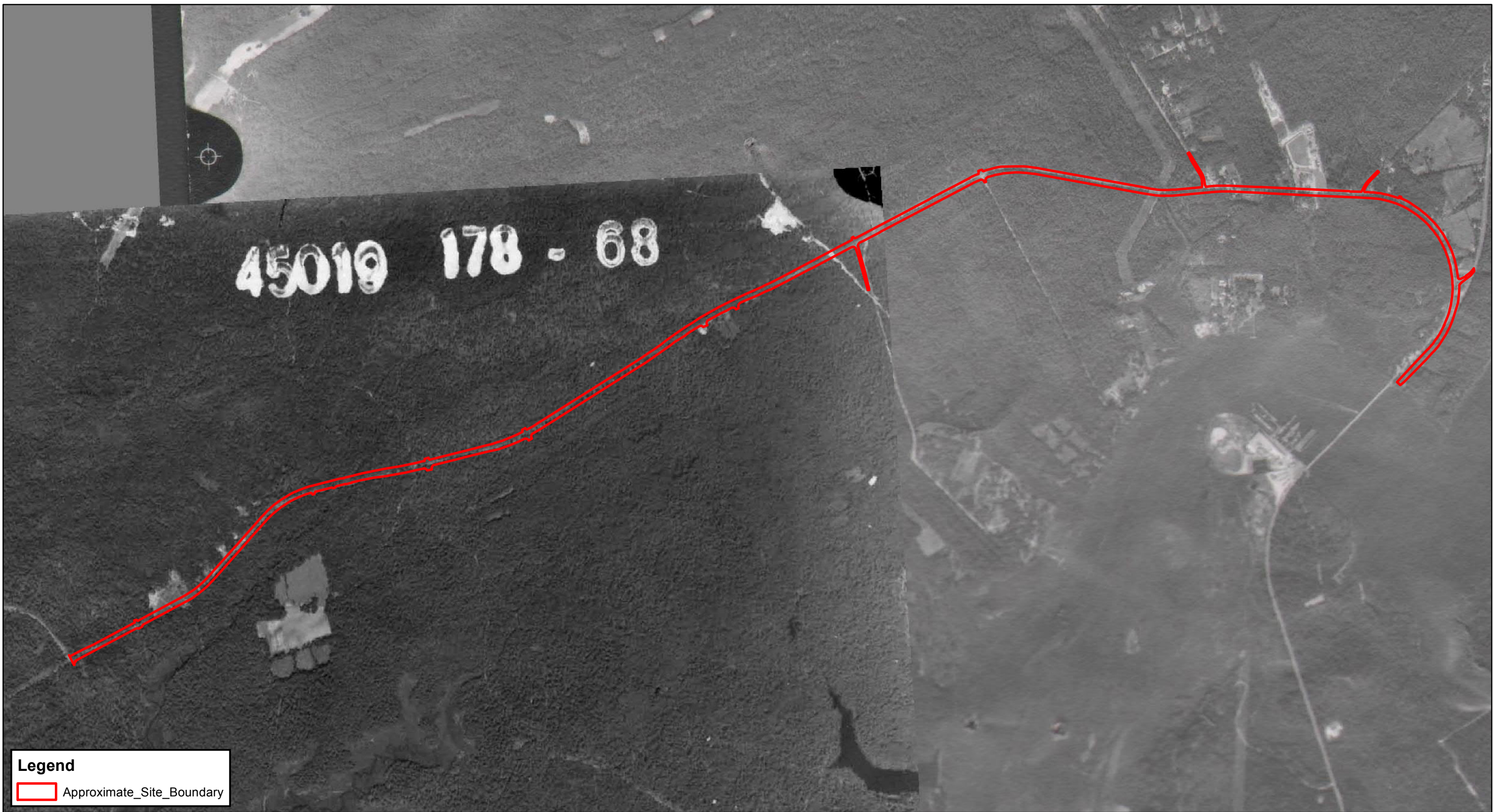
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Date:	11/10/2016

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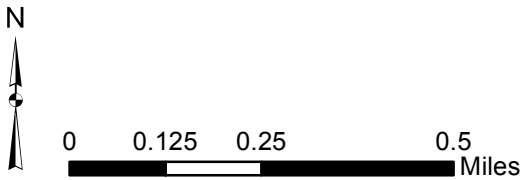
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1969 / 1973 Aerial View
Phase I ESA Clements Ferry Road Widening: Jack Primus Road to SC 41
Berkeley County South Carolina

EXHIBIT NO.
D



Legend
 Approximate_Site_Boundary



Project No.	EN167338
PM:	JTM
Drawn By:	JTM
Date:	11/10/2016

Terracon

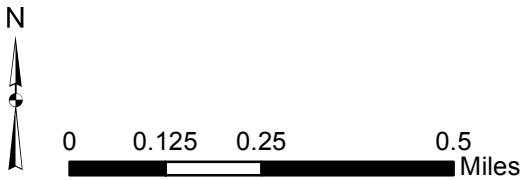
1450 Fifth Street West N.Charleston, SC 29405
 Phone: 843.884.1234 Fax: 843.884.9234

1979 Aerial View
Phase I ESA Clements Ferry Road Widening: Jack Primus Road to SC 41
Berkeley County South Carolina

EXHIBIT NO.
E



Legend
 Approximate_Site_Boundary



Project No.	EN167338
PM:	JTM
Drawn By:	JTM
Date:	11/10/2016

Terracon

1450 Fifth Street West N.Charleston, SC 29405
 Phone: 843.884.1234 Fax: 843.884.9234

1994 Aerial View

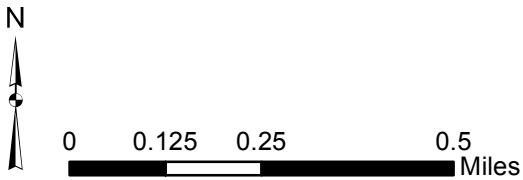
**Phase I ESA
 Clements Ferry Road Widening:
 Jack Primus Road to SC 41**

Berkeley County South Carolina

EXHIBIT NO.	F
-------------	---



Legend
 Approximate_Site_Boundary



Project No.	EN167338
PM:	JTM
Drawn By:	JTM
Date:	11/10/2016

Terracon

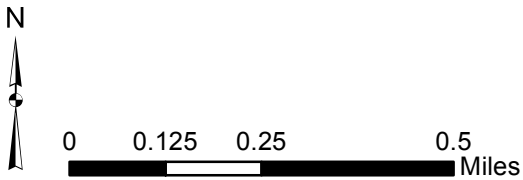
1450 Fifth Street West N.Charleston, SC 29405
 Phone: 843.884.1234 Fax: 843.884.9234

1999 Aerial View
Phase I ESA Clements Ferry Road Widening: Jack Primus Road to SC 41
Berkeley County South Carolina

EXHIBIT NO.
G



Legend
 Approximate_Site_Boundary



Project No.	EN167338
PM:	JTM
Drawn By:	JTM
Date:	11/10/2016

Terracon

1450 Fifth Street West N.Charleston, SC 29405
 Phone: 843.884.1234 Fax: 843.884.9234

2006 Aerial View

**Phase I ESA
 Clements Ferry Road Widening:
 Jack Primus Road to SC 41**

Berkeley County South Carolina

EXHIBIT NO.	H
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Legend
 Approximate_Site_Boundary

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, ICP, swisstopo, and the GIS User Community



0 0.125 0.25 0.5
 Miles

Project No.	EN167338
PM:	JTM
Drawn By:	JTM
Date:	11/10/2016

Terracon

1450 Fifth Street West N.Charleston, SC 29405
 Phone: 843.884.1234 Fax: 843.884.9234

2015 Aerial View
Phase I ESA Clements Ferry Road Widening: Jack Primus Road to SC 41
Berkeley County South Carolina

EXHIBIT NO.
1

1442 Clements Ferry Road

1442 Clements Ferry Road

Charleston, SC 29492

Inquiry Number: 4778389.5

November 10, 2016

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

11/10/16

Site Name:

1442 Clements Ferry Road
1442 Clements Ferry Road
Charleston, SC 29492
EDR Inquiry # 4778389.5

Client Name:

Terracon
1450 5th Street West
North Charleston, SC 29405
Contact: Ted Melchers



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Terracon 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:

Certification # 6441-4A98-8067

PO # NA

Project EN167338

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.



Sanborn® Library search results

Certification #: 6441-4A98-8067

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
- EDR Private Collection

The Sanborn Library LLC Since 1866™

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1442 Clements Ferry Road

1442 Clements Ferry Road
Charleston, SC 29492

Inquiry Number: 4783972.2
November 21, 2016

The EDR-City Directory Image Report

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Executive Summary

Findings

City Directory Images

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2013	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
2008	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
2003	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
1999	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
1995	<input type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1992	<input type="checkbox"/>	<input type="checkbox"/>	Cole Information Services

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FINDINGS

TARGET PROPERTY STREET

1442 Clements Ferry Road
Charleston, SC 29492

Year

CD Image

Source

CLEMENTS FERRY RD

2013	pg A1	Cole Information Services	
2008	pg A3	Cole Information Services	
2003	pg A5	Cole Information Services	
1999	pg A7	Cole Information Services	
1995	-	Cole Information Services	Target and Adjoining not listed in Source
1992	-	Cole Information Services	Target and Adjoining not listed in Source

FINDINGS

CROSS STREETS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

HIGHWAY 41

2013	pg. A2	Cole Information Services	
2008	pg. A4	Cole Information Services	
2003	pg. A6	Cole Information Services	
1999	pg. A8	Cole Information Services	
1995	-	Cole Information Services	Target and Adjoining not listed in Source
1992	-	Cole Information Services	Target and Adjoining not listed in Source

City Directory Images

CLEMENTS FERRY RD 2013

1155	OCCUPANT UNKNOWN
1156	OCCUPANT UNKNOWN
1184	CLEMENTS FERRY BARBERS & STYLISTS LL SALVAGE WAREHOUSE THE TE21
1186	OCCUPANT UNKNOWN
1187	MCCOMB LANDSCAPING CO OCCUPANT UNKNOWN
1188	OCCUPANT UNKNOWN
1190	MARITIME CONSTRUCTION & DEVELOPMENT OUR LOCAL FOODS
1192	OCCUPANT UNKNOWN
1194	OCCUPANT UNKNOWN
1195	A B I FLUID POWER
1196	STACY HABERSHAM
1198	ELLA PORCHER
1202	OCCUPANT UNKNOWN
1229	OCCUPANT UNKNOWN
1235	OCCUPANT UNKNOWN
1236	OCCUPANT UNKNOWN
1267	OCCUPANT UNKNOWN
1311	OCCUPANT UNKNOWN
1325	ONE HOUR AIR
1509	OCCUPANT UNKNOWN
1526	ROSCOE KELLAHAN
1527	ST PAUL BAPTIST CHURCH
1745	CAMP BOW WOW
1757	HERITAGE COMMUNITY SERVICES HONG KONG BUFFET INC
1797	OCCUPANT UNKNOWN
1818	HENRY SMITH
1826	MARY VENNINGS
1838	SHANNON VENNING
1840	MURRAY VENNING
1852	TERENCE MACK TERENCE MACKDAVIS
1854	LEONARD THORNTON
1860	HAROLD LINCOLN
1861	OCCUPANT UNKNOWN
1867	LILLIE ROBERTSON
1872	FLORENCE GREEN
1877	FRANCINE HARDY
1878	WIRE WORLD OF AMERICA INC
1887	REWKIRK ENVIRONMENTAL INC
1888	DAVIS & SMALL DECOR

HIGHWAY 41 2013

2557	OCCUPANT UNKNOWN
2561	OCCUPANT UNKNOWN
2571	LELAND GASKINS
2682	LOUIS MINTZ
2686	GOGGANS LEON
2695	OCCUPANT UNKNOWN
2699	MARSHALL CARRIGG
2700	CUSTOM EQUIPMENT CO
2701	HERMAN CAUSEY
2705	JOAN BLAIR
2707	OCCUPANT UNKNOWN
2716	OCCUPANT UNKNOWN

CLEMENTS FERRY RD 2008

1153 HARVEY FORT
1184 EASTECH CONSTRUCTION LLC
SAM LOVELL
1190 SAM LOVELL
1195 A B I FLUID POWER
CAROLINA CARTS
1196 STACY HABERSHAM
1198 TERRILYN PORCHER
1526 ROSCOE KELLAHAN
1757 JUST SOUPR
WENDY DIETERLEN
1818 HENRY SMITH
1826 MARY VENNINGS
1838 KEVIN LINCOLN
1840 MURRAY VENNING
1852 SUSIE MACK
1860 HAROLD LINCOLN
1872 FLORENCE GREEN
1877 FRANCINE HARDY
1878 WIRE WORLD OF AMERICA INC
1887 J & D FOUR HOLES LLC
JOHN RIVER CO LLC
OAKHILL ESTATES LLC
1888 DAVIS & SMALL DECOR INC

HIGHWAY 41 2008

2559	WANDOS SERVICE & GROCERY
2571	RONALD KIRVEN
2579	PHILIP BERLINSKY
2686	CHARLESTOWN BOAT EMPORIUM INC
	RUMPH BROTHERS MARINE
	SUNCOAST UPHOLSTERY
2699	MARSHALL CARRIGG
2701	HERMAN CAUSEY
2705	FRANK AYERS
2713	WANDO PENTECOSTAL HOLINESS CHURCH
2716	CARNELL CONSTRUCTION INC

CLEMENTS FERRY RD 2003

1153 HARVEY FORT
1155 AMY SHELEBY
1171 LARRY EITEL
1187 ARNOLD BOROWSKY
1195 ABI FLUID POWER
1196 P PORCHER
1198 TERRILYN PORCHER
1526 ROSCOE KELLAHAN
1527 ST PAUL BAPTIST CHURCH
1818 HENRY SMITH
1840 MURRAY VENNING
1852 KEASHIA BOATWRIGHT
MAZALEE MACK
1867 LILLIE ROBERTSONS
1872 FLORENCE GREEN
1878 WIRE WORLD OF AMERICA INC
1888 DAVIS & SMALL DECOR INC

HIGHWAY 41 2003

0	JAMES SMALLS
2557	HOLLY PARKER
2558	RICHARD HANSEN
2559	PAMELA BELL
	WANDO SERVICE & GROCERY
2579	BERLINSKY PHILIP A ATTY AT LAW
2682	TRAVIS FORDHAM
2686	BOYLE CONSTRUCTION & RNVTN
	BOYLE CONSTRUCTION CO
	LEON GOGGANS
	LEON GOGGANS
	RUMPH BROTHERS MARINE
2695	TIA GLINES
2699	MELINDA CARRIGG
2701	HERMAN CAUSEY
2705	FRANK AYERS
2713	WANDO PENTECOSTAL HLNS CHRCH
2719	SADIE HARMON

CLEMENTS FERRY RD 1999

1153	FORT HARVEY L HARVEY FORT
1171	BRIGHT STAR
1184	BILL GIBSON
1187	SHIRLEY BOROWSKY
1190	BILL GIBSON L OWENS SUSAN FREE
1194	WANDO HEALTH CLINIC
1196	P PORCHER
1198	TERRILY PORCHER
1526	ROSCOE KELLAHAN
1527	ST PAUL BAPTIST CHURCH
1852	MAZALEE MACK
1867	LILLIE ROBERTSON
1872	F GREEN

HIGHWAY 41 1999

0	JAMES SMALLS
2383	MAIN INDUSTRIES INCORPORATED SANDBLSTNG
2557	GOGGANS LEON
	SUNCOAST UPHOLSTERY
2559	WANDO SERVICE & GROCERY
2601	KENNYS BAR & GRILL
2669	ALICE SAWOTKA
2686	BOYLE YACHT SERVICES
	LEON GOGGANS
2695	MICHAEL PYLE
2701	HERMAN CAUSEY
2707	CHARLES DROSE
2713	REGINAL THAMES
	THAMES REGINALD L REV
2718	CUSTOM EQUIPMENT COMPANY

APPENDIX D
ENVIRONMENTAL DATABASE INFORMATION

1442 Clements Ferry Road
1442 Clements Ferry Road
Charleston, SC 29492

Inquiry Number: 4778389.2s
November 10, 2016

The EDR Radius Map™ Report



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

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GEOCHECK ADDENDUM

GeoCheck - Not Requested

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1442 CLEMENTS FERRY ROAD
CHARLESTON, SC 29492

COORDINATES

Latitude (North): 32.9294030 - 32° 55' 45.85"
Longitude (West): 79.8543870 - 79° 51' 15.79"
Universal Transverse Mercator: Zone 17
UTM X (Meters): 607108.8
UTM Y (Meters): 3643851.8
Elevation: 30 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 6061589 CAINHOY, SC
Version Date: 2014

West Map: 6061249 NORTH CHARLESTON, SC
Version Date: 2014

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20150612, 20150613
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
 1442 CLEMENTS FERRY ROAD
 CHARLESTON, SC 29492

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	RELEASE INCIDENT	1113 OLE OAK DR	SPILLS	Lower	3173, 0.601, ESE
2		1162 CAINHOW VILLAGE	ERNS	Lower	4149, 0.786, ENE
3	SITWORK/LITTLE BRIC	CLEMENTS FERRY RD	FINDS, ECHO	Lower	6525, 1.236, WSW
4		1123 CAINHOY	ERNS	Higher	6797, 1.287, NE
A5	HALSEY-CANNON BOATYA	130 WANDO CREEK LANE	RGA HWS	Lower	6831, 1.294, East
A6	CANN HAL LLC	130 WANDO CREEK LN	FINDS	Lower	6831, 1.294, East
A7	CHARLESTON CITY BOAT	130 WANDO CREEK LN	ICIS, US AIRS	Lower	6831, 1.294, East
A8	HALSEY-CANNON BOATYA	130 WANDO CREEK LN	RGA HWS	Lower	6831, 1.294, East
A9	FORMER HALSEY CANNON	130 WANDO CREEK LANE	SHWS, RCR, AUL, VCP, BROWNFIELDS, ALLSITES	Lower	6831, 1.294, East
A10	CHARLESTON CITY BOAT	130 WANDO CREEK LN	SPILLS	Lower	6831, 1.294, East
B11		1195 CLEMENTS FERRY	EDR Hist Auto	Lower	7253, 1.374, ENE
B12	WANDO GROCERY	RT 1 BOX 11	RCR, FINDS, ECHO	Lower	7314, 1.385, ENE
C13	WAYLON CATO C/O HARV	1153 CLEMENT FERRY R	FINDS	Lower	8269, 1.566, East
D14		DETYENS SHIPYARDS HW	ERNS	Lower	8416, 1.594, ESE
E15		2383 HWY 41	ERNS	Lower	8443, 1.599, ESE
E16	CIRCLE K 2720879	2391 HWY 41	LUST, UST, Financial Assurance	Lower	8542, 1.618, ESE
E17	PANTRY 879	2391 HWY 41	RGA LUST	Lower	8542, 1.618, ESE
E18	PANTRY #879	2391 HWY 41	RGA LUST	Lower	8542, 1.618, ESE
E19	PANTRY 879	2391 HWY 41	FINDS	Lower	8542, 1.618, ESE
E20	PANTRY #879	2390 HWY 41	RGA LUST	Lower	8579, 1.625, ESE
E21	GREGORIE'S FOOD MART	2390 HWY 41	RGA LUST	Lower	8579, 1.625, ESE
C22	CENTRAL REDI-MIX INC	CAINHOY	FINDS, ECHO	Lower	8595, 1.628, East
D23		2383 HIGHWAY 41	ERNS	Lower	8650, 1.638, ESE
D24	DETYENS SHIPYARD/WAN	2383 HWY 41	ICIS, FINDS, ECHO	Lower	8650, 1.638, ESE
D25	DETYENS SHIPYARD/WAN	2383 HWY 41	NPDES	Lower	8650, 1.638, ESE
D26	THE PANTRY #878	2390 HIGHWAY 41	FINDS	Lower	8685, 1.645, ESE
27	AMOCO CHEMICALS CORP		SWF/LF	Lower	9274, 1.756, North
F28	GE BETZ INC	1074 CLEMENTS FERRY	RCRA NonGen / NLR	Lower	10093, 1.912, East
F29	GE BETZ INC	1074 CLEMENTS FERRY	FINDS, ECHO	Lower	10093, 1.912, East
30	WANDO LOUNGE	2604 SC-41	FINDS	Lower	10447, 1.979, East
31	WANDO LOUNGE	2601 HWY 41	LUST	Lower	10617, 2.011, East
G32	BLUE WATER 19	1952 CLEMENTS FERRY	LUST, UST, Financial Assurance	Lower	10843, 2.054, WSW
G33	CIRCLE K 2723796	1971 CLEMENTS FERRY	UST, SPILLS, Financial Assurance	Lower	11233, 2.127, WSW
34	2710 HWY 41	2710 HWY 41	SHWS	Lower	11503, 2.179, ENE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

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

Federal CERCLIS NFRAP site list

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

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

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

Federal institutional controls / engineering controls registries

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

EXECUTIVE SUMMARY

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

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

AST..... Aboveground Storage Tank List

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

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY..... Solid Waste Recycling Facilities

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

ODI..... Open Dump Inventory

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

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

Local Lists of Hazardous waste / Contaminated Sites

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

CDL..... Clandestine Drug Lab Sites

US CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

SPIILLS 90..... SPIILLS 90 data from FirstSearch

SPIILLS 80..... SPIILLS 80 data from FirstSearch

Other Ascertainable Records

FUDS..... Formerly Used Defense Sites

DOD..... Department of Defense Sites

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

US FIN ASSUR..... Financial Assurance Information

EPA WATCH LIST..... EPA WATCH LIST

2020 COR ACTION..... 2020 Corrective Action Program List

EXECUTIVE SUMMARY

TSCA.....	Toxic Substances Control Act
TRIS.....	Toxic Chemical Release Inventory System
SSTS.....	Section 7 Tracking Systems
ROD.....	Records Of Decision
RMP.....	Risk Management Plans
RAATS.....	RCRA Administrative Action Tracking System
PRP.....	Potentially Responsible Parties
PADS.....	PCB Activity Database System
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS.....	Material Licensing Tracking System
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
RADINFO.....	Radiation Information Database
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS.....	Incident and Accident Data
CONSENT.....	Superfund (CERCLA) Consent Decrees
INDIAN RESERV.....	Indian Reservations
FUSRAP.....	Formerly Utilized Sites Remedial Action Program
UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US MINES.....	Mines Master Index File
UXO.....	Unexploded Ordnance Sites
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
AIRS.....	Permitted Airs Facility Listing
COAL ASH.....	Coal Ash Disposal Sites
DRYCLEANERS.....	Drycleaner Database
GWCI.....	Groundwater Contamination Inventory
UIC.....	Underground Injection Wells Listing
ABANDONED MINES.....	Abandoned Mines
FUELS PROGRAM.....	EPA Fuels Program Registered Listing

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Cleaner.....	EDR Exclusive Historic Dry Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF.....	Recovered Government Archive Solid Waste Facilities List
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SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Federal ERNS list

ERNS: The Emergency Response Notification System records and stores information on reported releases of oil and hazardous substances. The source of this database is the U.S. EPA.

A review of the ERNS list, as provided by EDR, and dated 03/28/2016 has revealed that there are 5 ERNS sites within approximately 2 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	1123 CAINHOY	NE 1 - 2 (1.287 mi.)	4	9
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	1162 CAINHOW VILLAGE	ENE 1/2 - 1 (0.786 mi.)	2	8
Not reported	DETYENS SHIPYARDS HW	ESE 1 - 2 (1.594 mi.)	D14	18
Not reported	2383 HWY 41	ESE 1 - 2 (1.599 mi.)	E15	18
Not reported	2383 HIGHWAY 41	ESE 1 - 2 (1.638 mi.)	D23	23

State- and tribal - equivalent CERCLIS

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

A review of the SHWS list, as provided by EDR, and dated 06/28/2016 has revealed that there are 2 SHWS sites within approximately 3 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FORMER HALSEY CANNON EPA ID: SCS123456918	130 WANDO CREEK LANE	E 1 - 2 (1.294 mi.)	A9	13
2710 HWY 41	2710 HWY 41	ENE >2 (2.179 mi.)	34	49

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

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Department of Health & Environmental Control's Permitted Landfills List/Inactive MSWLF List.

A review of the SWF/LF list, as provided by EDR, and dated 06/13/2016 has revealed that there is 1 SWF/LF site within approximately 2.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
AMOCO CHEMICALS CORP Status: Not Active Facility Id: IWP-170		N 1 - 2 (1.756 mi.)	27	43

EXECUTIVE SUMMARY

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Health & Environmental Control's Leaking UST list.

A review of the LUST list, as provided by EDR, and dated 08/05/2016 has revealed that there are 3 LUST sites within approximately 2.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CIRCLE K 2720879 No Action Required: 03/10/2003 Substance: PETRO Substance: PETROL Facility Id: 13065	2391 HWY 41	ESE 1 - 2 (1.618 mi.)	E16	19
WANDO LOUNGE No Action Required: 06/12/2012 Substance: PETROL Facility Id: 19449	2601 HWY 41	E >2 (2.011 mi.)	31	46
BLUE WATER 19 No Action Required: 04/04/2012 Facility Id: 17400	1952 CLEMENTS FERRY	WSW >2 (2.054 mi.)	G32	47

State and tribal registered storage tank lists

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

A review of the UST list, as provided by EDR, and dated 05/20/2016 has revealed that there are 3 UST sites within approximately 2.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CIRCLE K 2720879 Facility Id: 13065 Status: ABD	2391 HWY 41	ESE 1 - 2 (1.618 mi.)	E16	19
BLUE WATER 19 Facility Id: 17400 Status: CIU	1952 CLEMENTS FERRY	WSW >2 (2.054 mi.)	G32	47
CIRCLE K 2723796 Facility Id: 19308 Status: CIU	1971 CLEMENTS FERRY	WSW >2 (2.127 mi.)	G33	48

EXECUTIVE SUMMARY

State and tribal institutional control / engineering control registries

RCR: The Bureau of Land and Waste Management established this Registry to help monitor and maintain sites that have conditional remedies. A Conditional Remedy is an environmental remedy that includes certain qualifications. These qualifications are divided into two major categories: Remedies requiring Land Use Controls and Conditional No Further Actions.

A review of the RCR list, as provided by EDR, and dated 09/19/2012 has revealed that there are 2 RCR sites within approximately 2.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FORMER HALSEY CANNON	130 WANDO CREEK LANE	E 1 - 2 (1.294 mi.)	A9	13
WANDO GROCERY	RT 1 BOX 11	ENE 1 - 2 (1.385 mi.)	B12	17

AUL: Sites with institutional controls in place.

A review of the AUL list, as provided by EDR, and dated 06/14/2016 has revealed that there is 1 AUL site within approximately 2.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FORMER HALSEY CANNON	130 WANDO CREEK LANE	E 1 - 2 (1.294 mi.)	A9	13

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Sites from the Department of Health and Environmental Control.

A review of the VCP list, as provided by EDR, and dated 02/26/2016 has revealed that there is 1 VCP site within approximately 2.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FORMER HALSEY CANNON	130 WANDO CREEK LANE	E 1 - 2 (1.294 mi.)	A9	13

State and tribal Brownfields sites

BROWNFIELDS: The Brownfields component of the Voluntary Cleanup Program allows a non responsible party to acquire a contaminated property with State Superfund liability protection for existing contamination by agreeing to perform an environmental assessment and/or remediation.

A review of the BROWNFIELDS list, as provided by EDR, and dated 02/26/2016 has revealed that there is 1 BROWNFIELDS site within approximately 2.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FORMER HALSEY CANNON Status Code: COMP File Number: 56955	130 WANDO CREEK LANE	E 1 - 2 (1.294 mi.)	A9	13

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

ALLSITES: The South Carolina Department of Health and Environmental Control is pleased to have the Public Record for your review. The purpose of this database is two-fold. First, it will provide to communities another form of notice of cleanup activity, allowing them to have more information about assessment and cleanup activities in their area and in the State. Second, it can assist those seeking to redevelop brownfield properties within South Carolina.

A review of the ALLSITES list, as provided by EDR, and dated 06/14/2016 has revealed that there is 1 ALLSITES site within approximately 2.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FORMER HALSEY CANNON Permit Number: SCS123456918 Project Status Code: COMP	130 WANDO CREEK LANE	E 1 - 2 (1.294 mi.)	A9	13

Records of Emergency Release Reports

SPILLS: The Spills Database.

A review of the SPILLS list, as provided by EDR, and dated 08/12/2016 has revealed that there are 2 SPILLS sites within approximately 2 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RELEASE INCIDENT Incident Name: 201400612 Incident ID number: 99464734	1113 OLE OAK DR	ESE 1/2 - 1 (0.601 mi.)	1	8
CHARLESTON CITY BOAT Incident Name: 201005586 Incident ID number: 71042829	130 WANDO CREEK LN	E 1 - 2 (1.294 mi.)	A10	16

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 06/21/2016 has revealed that there is 1 RCRA NonGen / NLR site within approximately 2.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GE BETZ INC	1074 CLEMENTS FERRY	E 1 - 2 (1.912 mi.)	F28	44

EXECUTIVE SUMMARY

ICIS: 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.

A review of the ICIS list, as provided by EDR, and dated 07/27/2016 has revealed that there are 2 ICIS sites within approximately 2 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHARLESTON CITY BOAT	130 WANDO CREEK LN	E 1 - 2 (1.294 mi.)	A7	10
DETYENS SHIPYARD/WAN	2383 HWY 41	ESE 1 - 2 (1.638 mi.)	D24	23

US AIRS: 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.

A review of the US AIRS list, as provided by EDR, has revealed that there is 1 US AIRS site within approximately 2 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHARLESTON CITY BOAT	130 WANDO CREEK LN	E 1 - 2 (1.294 mi.)	A7	10
Database: US AIRS MINOR, Date of Government Version: 06/30/2016				

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 07/20/2015 has revealed that there are 10 FINDS sites within approximately 2 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SITWORK/LITTLE BRIC	CLEMENTS FERRY RD	WSW 1 - 2 (1.236 mi.)	3	9
CANN HAL LLC	130 WANDO CREEK LN	E 1 - 2 (1.294 mi.)	A6	10
WANDO GROCERY	RT 1 BOX 11	ENE 1 - 2 (1.385 mi.)	B12	17
WAYLON CATO C/O HARV	1153 CLEMENT FERRY R	E 1 - 2 (1.566 mi.)	C13	18
PANTRY 879	2391 HWY 41	ESE 1 - 2 (1.618 mi.)	E19	22
CENTRAL REDI-MIX INC	CAINHOY	E 1 - 2 (1.628 mi.)	C22	23
DETYENS SHIPYARD/WAN	2383 HWY 41	ESE 1 - 2 (1.638 mi.)	D24	23
THE PANTRY #878	2390 HIGHWAY 41	ESE 1 - 2 (1.645 mi.)	D26	43
GE BETZ INC	1074 CLEMENTS FERRY	E 1 - 2 (1.912 mi.)	F29	45
WANDO LOUNGE	2604 SC-41	E 1 - 2 (1.979 mi.)	30	46

EXECUTIVE SUMMARY

Financial Assurance: Financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

A review of the Financial Assurance list, as provided by EDR, has revealed that there is 1 Financial Assurance site within approximately 2 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CIRCLE K 2720879 Database: Financial Assurance 3, Date of Government Version: 03/05/2015 Facility ID: R-13065	2391 HWY 41	ESE 1 - 2 (1.618 mi.)	E16	19

NPDES: A listing of waste water treatment facility locations.

A review of the NPDES list, as provided by EDR, and dated 08/28/2015 has revealed that there is 1 NPDES site within approximately 2 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DETYENS SHIPYARD/WAN Permit: SC0033022 Act/Inactive: ACT Facility ID: SC0000050803	2383 HWY 41	ESE 1 - 2 (1.638 mi.)	D25	42

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

A review of the ECHO list, as provided by EDR, and dated 09/18/2016 has revealed that there are 5 ECHO sites within approximately 2 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SITWORK/LITTLE BRIC	CLEMENTS FERRY RD	WSW 1 - 2 (1.236 mi.)	3	9
WANDO GROCERY	RT 1 BOX 11	ENE 1 - 2 (1.385 mi.)	B12	17
CENTRAL REDI-MIX INC	CAINHOY	E 1 - 2 (1.628 mi.)	C22	23
DETYENS SHIPYARD/WAN	2383 HWY 41	ESE 1 - 2 (1.638 mi.)	D24	23
GE BETZ INC	1074 CLEMENTS FERRY	E 1 - 2 (1.912 mi.)	F29	45

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past

EXECUTIVE SUMMARY

sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there is 1 EDR Hist Auto site within approximately 2.125 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	1195 CLEMENTS FERRY	ENE 1 - 2 (1.374 mi.)	B11	16

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: 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 Health and Environmental Control in South Carolina.

A review of the RGA HWS list, as provided by EDR, has revealed that there are 2 RGA HWS sites within approximately 2 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HALSEY-CANNON BOATYA	130 WANDO CREEK LANE	E 1 - 2 (1.294 mi.)	A5	9
HALSEY-CANNON BOATYA	130 WANDO CREEK LN	E 1 - 2 (1.294 mi.)	A8	13

RGA LUST: 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 Health and Environmental Control in South Carolina.

A review of the RGA LUST list, as provided by EDR, has revealed that there are 4 RGA LUST sites within approximately 2 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PANTRY 879	2391 HWY 41	ESE 1 - 2 (1.618 mi.)	E17	21
PANTRY #879	2391 HWY 41	ESE 1 - 2 (1.618 mi.)	E18	22
PANTRY #879	2390 HWY 41	ESE 1 - 2 (1.625 mi.)	E20	22
GREGORIE'S FOOD MART	2390 HWY 41	ESE 1 - 2 (1.625 mi.)	E21	22

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

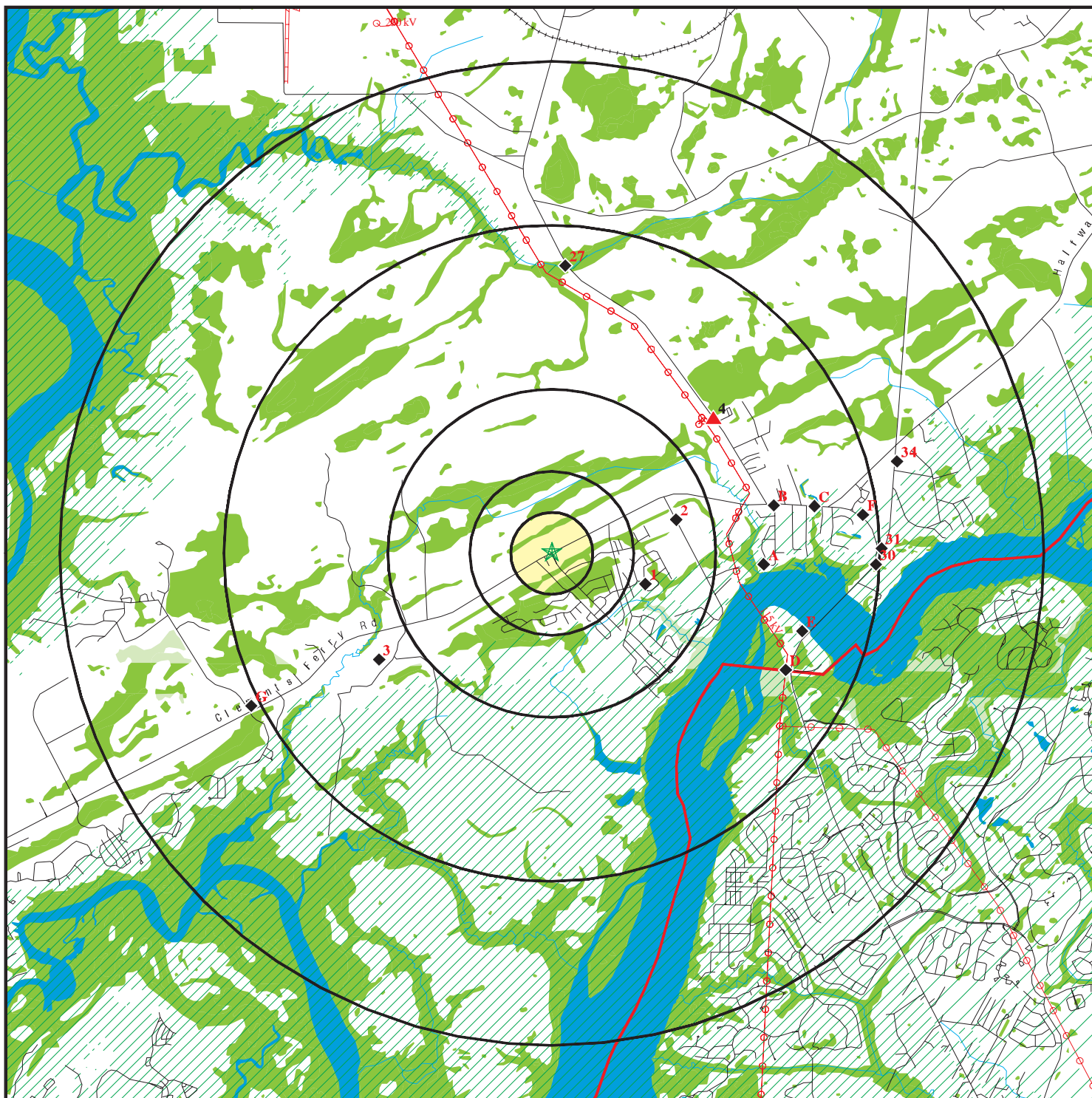
Site Name

AMOCO CHEMICALS CO

Database(s)

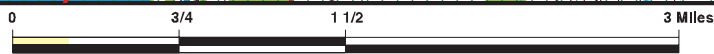
LUST, UST

OVERVIEW MAP - 4778389.2S



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- ☒ National Priority List Sites
- ☒ Dept. Defense Sites

- ☒ Indian Reservations BIA
- County Boundary
- Power transmission lines
- Pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- National Wetland Inventory
- State Wetlands

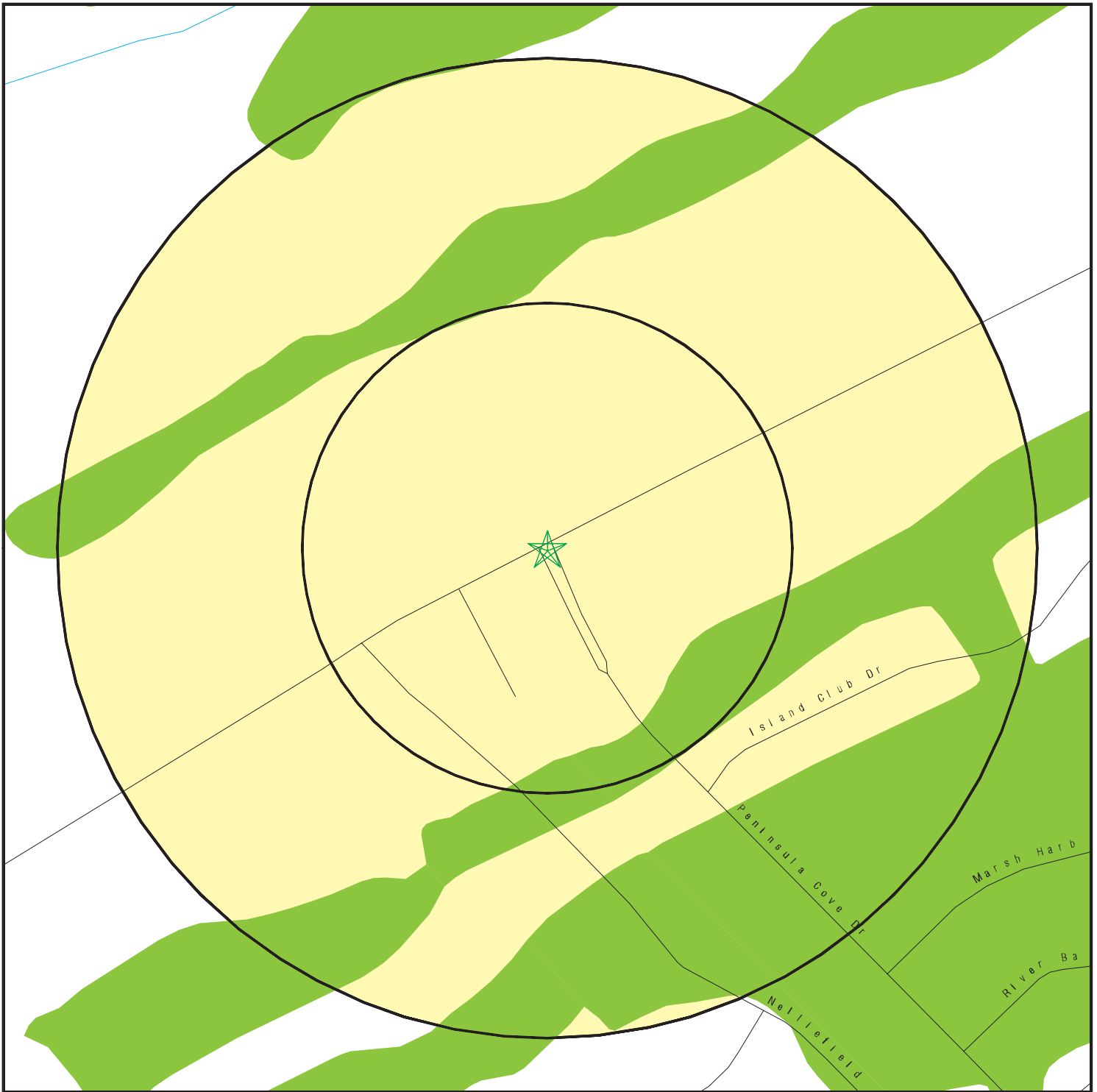


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 1442 Clements Ferry Road
 ADDRESS: 1442 Clements Ferry Road
 Charleston SC 29492
 LAT/LONG: 32.929403 / 79.854387

CLIENT: Terracon
 CONTACT: Ted Melchers
 INQUIRY #: 4778389.2s
 DATE: November 10, 2016 3:55 pm

DETAIL MAP - 4778389.2S



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

- 🏠 Indian Reservations BIA
- 🌊 100-year flood zone
- 🌊 500-year flood zone
- 🌿 National Wetland Inventory
- 🌿 State Wetlands

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

SITE NAME: 1442 Clements Ferry Road
 ADDRESS: 1442 Clements Ferry Road
 Charleston SC 29492
 LAT/LONG: 32.929403 / 79.854387

CLIENT: Terracon
 CONTACT: Ted Melchers
 INQUIRY #: 4778389.2s
 DATE: November 10, 2016 3:56 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	3.000		0	0	0	0	0	0
Proposed NPL	3.000		0	0	0	0	0	0
NPL LIENS	2.000		0	0	0	0	0	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	3.000		0	0	0	0	0	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	2.500		0	0	0	0	0	0
SEMS	2.500		0	0	0	0	0	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	2.500		0	0	0	0	0	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	3.000		0	0	0	0	0	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	2.500		0	0	0	0	0	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	2.250		0	0	0	0	0	0
RCRA-SQG	2.250		0	0	0	0	0	0
RCRA-CESQG	2.250		0	0	0	0	0	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	2.500		0	0	0	0	0	0
US ENG CONTROLS	2.500		0	0	0	0	0	0
US INST CONTROL	2.500		0	0	0	0	0	0
<i>Federal ERNS list</i>								
ERNS	2.000		0	0	0	1	4	5
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS	3.000		0	0	0	0	2	2
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	2.500		0	0	0	0	1	1
<i>State and tribal leaking storage tank lists</i>								
LUST	2.500		0	0	0	0	3	3
INDIAN LUST	2.500		0	0	0	0	0	0
<i>State and tribal registered storage tank lists</i>								
FEMA UST	2.250		0	0	0	0	0	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UST	2.250		0	0	0	0	3	3
AST	2.250		0	0	0	0	0	0
INDIAN UST	2.250		0	0	0	0	0	0
State and tribal institutional control / engineering control registries								
RCR	2.500		0	0	0	0	2	2
AUL	2.500		0	0	0	0	1	1
State and tribal voluntary cleanup sites								
VCP	2.500		0	0	0	0	1	1
INDIAN VCP	2.500		0	0	0	0	0	0
State and tribal Brownfields sites								
BROWNFIELDS	2.500		0	0	0	0	1	1
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	2.500		0	0	0	0	0	0
Local Lists of Landfill / Solid Waste Disposal Sites								
SWRCY	2.500		0	0	0	0	0	0
INDIAN ODI	2.500		0	0	0	0	0	0
ODI	2.500		0	0	0	0	0	0
DEBRIS REGION 9	2.500		0	0	0	0	0	0
IHS OPEN DUMPS	2.500		0	0	0	0	0	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	2.000		0	0	0	0	0	0
ALLSITES	2.500		0	0	0	0	1	1
CDL	2.000		0	0	0	0	0	0
US CDL	2.000		0	0	0	0	0	0
Local Land Records								
LIENS 2	2.000		0	0	0	0	0	0
Records of Emergency Release Reports								
HMIRS	2.000		0	0	0	0	0	0
SPILLS	2.000		0	0	0	1	1	2
SPILLS 90	2.000		0	0	0	0	0	0
SPILLS 80	2.000		0	0	0	0	0	0
Other Ascertainable Records								
RCRA NonGen / NLR	2.250		0	0	0	0	1	1
FUDS	3.000		0	0	0	0	0	0
DOD	3.000		0	0	0	0	0	0
SCRD DRYCLEANERS	2.500		0	0	0	0	0	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
US FIN ASSUR	2.000		0	0	0	0	0	0
EPA WATCH LIST	2.000		0	0	0	0	0	0
2020 COR ACTION	2.250		0	0	0	0	0	0
TSCA	2.000		0	0	0	0	0	0
TRIS	2.000		0	0	0	0	0	0
SSTS	2.000		0	0	0	0	0	0
ROD	3.000		0	0	0	0	0	0
RMP	2.000		0	0	0	0	0	0
RAATS	2.000		0	0	0	0	0	0
PRP	2.000		0	0	0	0	0	0
PADS	2.000		0	0	0	0	0	0
ICIS	2.000		0	0	0	0	2	2
FTTS	2.000		0	0	0	0	0	0
MLTS	2.000		0	0	0	0	0	0
COAL ASH DOE	2.000		0	0	0	0	0	0
COAL ASH EPA	2.500		0	0	0	0	0	0
PCB TRANSFORMER	2.000		0	0	0	0	0	0
RADINFO	2.000		0	0	0	0	0	0
HIST FTTS	2.000		0	0	0	0	0	0
DOT OPS	2.000		0	0	0	0	0	0
CONSENT	3.000		0	0	0	0	0	0
INDIAN RESERV	3.000		0	0	0	0	0	0
FUSRAP	3.000		0	0	0	0	0	0
UMTRA	2.500		0	0	0	0	0	0
LEAD SMELTERS	2.000		0	0	0	0	0	0
US AIRS	2.000		0	0	0	0	1	1
US MINES	2.250		0	0	0	0	0	0
FINDS	2.000		0	0	0	0	10	10
UXO	3.000		0	0	0	0	0	0
DOCKET HWC	2.000		0	0	0	0	0	0
AIRS	2.000		0	0	0	0	0	0
COAL ASH	2.500		0	0	0	0	0	0
DRYCLEANERS	2.250		0	0	0	0	0	0
Financial Assurance	2.000		0	0	0	0	1	1
GWCI	2.500		0	0	0	0	0	0
NPDES	2.000		0	0	0	0	1	1
UIC	2.000		0	0	0	0	0	0
ABANDONED MINES	2.000		0	0	0	0	0	0
ECHO	2.000		0	0	0	0	5	5
FUELS PROGRAM	2.250		0	0	0	0	0	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	3.000		0	0	0	0	0	0
EDR Hist Auto	2.125		0	0	0	0	1	1
EDR Hist Cleaner	2.125		0	0	0	0	0	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS	2.000		0	0	0	0	2	2
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MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
RGA LF	2.000		0	0	0	0	0	0
RGA LUST	2.000		0	0	0	0	4	4
- Totals --		0	0	0	0	2	48	50

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID Direction Distance Elevation		Database(s)	EDR ID Number EPA ID Number
--	--	-------------	--------------------------------

1	RELEASE INCIDENT	SPILLS	S116230957
ESE	1113 OLE OAK DR		N/A
1/2-1	CHARLESTON, SC		
0.601 mi.			
3173 ft.			

Relative:	Lower	SPILL: Incident ID number: 99464734 Incident Name: 201400612 District Logged In: Charleston EQC Office Date DHEC notified: 02/10/2014 DHEC notification: 18:55:30 Observed date: 02/10/2014 observed Time: 18:40:00 Spill Date: 02/10/2014 Spill Time: 18:40:00 Duration: 1 Created Date: 02/20/2014 Updated Date: 02/28/2014 District Name: Not reported PRP Last Name: Not reported PRP First Name: Not reported Incident substance type: Oil Received by Name: MARY BRIGHT Reviewed by Name: GREGORY SAMS Transportation: N Surface water affected: Yes Lead Investigator Name: Not reported CCBEP: No Water body: Not reported Caller Last Name: Not reported Caller name: Not reported Caller phone number: Not reported Caller extension: Not reported Caller organization: Not reported Substance: OIL GAS Quantity: Not reported Units: Not reported Recovered: Not reported Recovered Units: Not reported Comments: Not reported
Actual:	14 ft.	

2	1162 CAINHOW VILLAGE ROAD	ERNS	2001569815
ENE	WANDO, SC 29492		N/A
1/2-1			
0.786 mi.			
4149 ft.			

Relative:	Lower	Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.
Actual:	20 ft.	

MAP FINDINGS

Map ID Direction Distance Elevation		Database(s)	EDR ID Number EPA ID Number
--	--	-------------	--------------------------------

3 WSW > 1 1.236 mi. 6525 ft.	SITWORK/LITTLE BRICKYARD MINE CLEMENTS FERRY RD CHARLESTON, SC 29492	FINDS ECHO	1016039650 N/A
--	---	-----------------------------	---------------------------------

Relative:
Lower

FINDS:

Registry ID: 110054148917

Actual:
27 ft.

Environmental Interest/Information System

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

ECHO:

Envid: 1016039650
 Registry ID: 110054148917
 DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110054148917

4 NE > 1 1.287 mi. 6797 ft.	1123 CAINHOY BERKELEY (County), SC	ERNS	2012022401 N/A
---	---	-------------	---------------------------------

Relative:
Higher

[Click this hyperlink](#) while viewing on your computer to access additional ERNS detail in the EDR Site Report.

Actual: 37 ft. A5 East > 1 1.294 mi. 6831 ft.	HALSEY-CANNON BOATYARD & MARINE RAILWAY 130 WANDO CREEK LANE CHARLESTON, SC	RGA HWS	S114826666 N/A
---	--	----------------	---------------------------------

Relative:
Lower

RGA HWS:

2007	HALSEY-CANNON BOATYARD & MARINE RAILWAY LANE	130 WANDO CREEK
2006	HALSEY-CANNON BOATYARD & MARINE RAILWAY LANE	130 WANDO CREEK
2005	HALSEY-CANNON BOATYARD & MARINE RAILWAY LANE	130 WANDO CREEK
2004	HALSEY-CANNON BOATYARD & MARINE RAILWAY LANE	130 WANDO CREEK
2003	HALSEY-CANNON BOATYARD & MARINE RAILWAY LANE	130 WANDO CREEK

Actual:
12 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHARLESTON CITY BOATYARD (Continued)

1018288113

Latitude in Decimal Degrees: Not reported
Longitude in Decimal Degrees: Not reported
Permit Type Desc: Not reported
Program System Acronym: SC00004200055
Facility NAICS Code: 811490
Tribal Land Code: Not reported

US AIRS MINOR:

Envid: 1018288113
Region Code: 04
Programmatic ID: AIR SC00004200055
Facility Registry ID: 110001669962
D and B Number: Not reported
Primary SIC Code: Not reported
NAICS Code: 811490
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:

Region Code: 04
Programmatic ID: AIR SC00004200055
Facility Registry ID: 110001669962
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-08-26 00:00:00
Activity Status Date: 2015-12-11 12:20:30
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 04
Programmatic ID: AIR SC00004200055
Facility Registry ID: 110001669962
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-01-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR SC00004200055
Facility Registry ID: 110001669962
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-11-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHARLESTON CITY BOATYARD (Continued)

1018288113

Region Code: 04
Programmatic ID: AIR SC00004200055
Facility Registry ID: 110001669962
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-05-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR SC00004200055
Facility Registry ID: 110001669962
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-07-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR SC00004200055
Facility Registry ID: 110001669962
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-12-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR SC00004200055
Facility Registry ID: 110001669962
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-04-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 04
Programmatic ID: AIR SC00004200055
Facility Registry ID: 110001669962
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1995-04-27 00:00:00
Activity Status Date: 1995-04-27 00:00:00
Activity Group: Enforcement Action

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CHARLESTON CITY BOATYARD (Continued)

1018288113

Activity Type: Administrative - Formal
 Activity Status: Final Order Issued

Region Code: 04
 Programmatic ID: AIR SC00004200055
 Facility Registry ID: 110001669962
 Air Operating Status Code: OPR
 Default Air Classification Code: MIN
 Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
 Activity Date: 1995-02-16 00:00:00
 Activity Status Date: 1995-02-16 00:00:00
 Activity Group: Enforcement Action
 Activity Type: Administrative - Informal
 Activity Status: Achieved

A8 **HALSEY-CANNON BOATYARD & MARINE RAILWAY** **RGA HWS** **S114826667**
East **130 WANDO CREEK LN** **N/A**
> 1 **CHARLESTON, SC**
1.294 mi.
6831 ft. **Site 4 of 6 in cluster A**

Relative: RGA HWS:
Lower

2012 LN	HALSEY-CANNON BOATYARD & MARINE RAILWAY	130 WANDO CREEK
2011 LN	HALSEY-CANNON BOATYARD & MARINE RAILWAY	130 WANDO CREEK
2010 LN	HALSEY-CANNON BOATYARD & MARINE RAILWAY	130 WANDO CREEK
2009 LN	HALSEY-CANNON BOATYARD & MARINE RAILWAY	130 WANDO CREEK
2008 LN	HALSEY-CANNON BOATYARD & MARINE RAILWAY	130 WANDO CREEK

A9 **FORMER HALSEY CANNON BOATYARD** **SHWS** **1004593108**
East **130 WANDO CREEK LANE** **RCR** **N/A**
> 1 **WANDO, SC 29492** **AUL**
1.294 mi. **Site 5 of 6 in cluster A** **VCP**
6831 ft. **BROWNFIELDS**
ALLSITES

Relative: SHWS:
Lower EPA ID: SCS123456918

Actual: RCR:
12 ft. Entity Responsibility: Cainhoy Holdings, LLC
 Region: 7
 Tax Id: 263-00-02-037, 044, and 045
 Latitude: 32.92907
 Longitude: -79.83219
 Tracking Number: -
 Regulatory Program: CERCLA VCP NRP (Brownfields)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER HALSEY CANNON BOATYARD (Continued)

1004593108

Unit Type: -
Unit Number/Letter: -
Area/Acres: -
Affected Media: Groundwater, Soil
Site/Unit: Former Halsey Cannon Boatyard
Conditions: No residential, no agriculture, no child day care, no schools, no elderly care, no groundwater use
Associated Response/Corrective Action: -
Associated Chemicals Requiring: -

AUL:

Owner: CAINHOY HOLDINGS LLC
Latitude / Longitude: 32.92998505 / -79.83236694
Project Status: COMP
Execute Date: 09/02/2005
Restriction File Date: 02/10/2010
Cleanup Contract Complete Date: 03/04/2010
Project Complete Date: 03/04/2010
File Number: 56955
Land Use Restriction: NO RES, NO GW FOR DRINKING
Contamination on Site: Metals, Base Neutral Acid Extractables
Brownfield Type: Hazardous Substances
Fund 128(A) Utilized: No
Respond Action Planned: Yes
Acreage: 7

VCP:

Person Company: CAINHOY HOLDINGS LLC
Prim Address 1: 211 KING ST STE 300
Prim Address 2: Not reported
Prim City: CHARLESTON
Prim State: SC
Prim Zip: 29401-3190
Type Brownfield: Hazardous Substances
Contact: John Darby
Status code: COMP
File Number: 56955
Exec Date: 9/2/2005
Contract Mailed Date: Not reported
Date Terminated: Not reported
Contract #: 05-5499-NRP
Contract Type: NRP
Contract Manager: OVERCASH JO CHERIE C
Acreage: 7
COC Issued Date: 3/4/2010
RC Executed Date: 1/22/2010
I C Received: Not reported
Workplan Due: 10/2/2005
Workplan Receive: Not reported
Workplan Reviewed: Not reported
Workplan Approved: Not reported
Report Receive: 2/17/2006
Report Reviewed: 3/27/2006
Report Approved: 11/14/2008
Cap Approved: 2/5/2010

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER HALSEY CANNON BOATYARD (Continued)

1004593108

SC BROWNFIELD:

Contract Number: 05-5499-NRP
Contract Type: NRP
File Number: 56955
Contract Manager: OVERCASH JO CHERIE C
Person Company: CAINHOY HOLDINGS LLC
Primary Address1: 211 KING ST STE 300
Primary Address2: Not reported
Primary City: CHARLESTON
Primary State Code: SC
Primary Zip Code: 29401-3190
Type Brownfield: Hazardous Substances
Acreage: 7
Contract Executed: 9/2/2005
COC Date Issued: 3/4/2010
RC Executed: 1/22/2010
Contact: John Darby
Status Code: COMP
IC Received: Not reported
Workplan Due: 10/2/2005
Workplan Received: Not reported
Workplan Reviewed: Not reported
Workplan Approved: Not reported
Report Received: 2/17/2006
Report Reviewed: 3/27/2006
Report Approved: 11/14/2008
Cap Approved: 2/5/2010
Contract Mailed: Not reported
Date Terminated: Not reported

ALLSITES:

Brownfield: No
Brownfield Type: Hazardous Substances
Funds Used: No
Resp Action: Yes
Permit Number: SCS123456918
Program: SF
Owner: CAINHOY HOLDINGS LLC
Project Status Code: COMP
Execute Date: 09/02/2005
Restrictions Filed Date: 2/10/2010
Cleanup Contract Complete Date: 03/04/2010
Project Complete Date: 3/4/2010
File Number: 56955
Land Use Restriction: NO RES, NO GW FOR DRINKING
Contamination On Site: Metals, Base Neutral Acid Extractables
Acreage: 7
Soil Contamination Desc: Not reported
Soil COCS: Not reported
SW Sed Contamination Desc: Not reported
SW COCS: Not reported
GW Contamination Desc: Not reported
GW COCS: Not reported
Air Contamination Desc: Not reported
Air COCS: Not reported
Lat: 32.92998505

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER HALSEY CANNON BOATYARD (Continued)

1004593108

Long: -79.83236694

A10
East
> 1
1.294 mi.
6831 ft.

CHARLESTON CITY BOAT YARD
130 WANDO CREEK LN
WANDO, SC

SPILLS **S110635054**
N/A

Site 6 of 6 in cluster A

Relative:
Lower

SPILL:

Actual:
12 ft.

Incident ID number: 71042829
Incident Name: 201005586
District Logged In: Charleston EQC Office
Date DHEC notified: 10/21/2010
DHEC notification: 10:16:33
Observed date: Not reported
observed Time: Not reported
Spill Date: 10/21/2010
Spill Time: 9:00:00
Duration: Not reported
Created Date: 10/21/2010
Updated Date: 11/02/2010
District Name: Not reported
PRP Last Name: Not reported
PRP First Name: Not reported
Incident substance type: Oil
Received by Name: MARY BRIGHT
Reviwed by Name: ASHLEY AUERBACH
Transportation: N
Surface water affected: Yes
Lead Investigator Name: Not reported
CCBEP: No
Water body: Not reported
Caller Last Name: Not reported
Caller name: Not reported
Caller phone number: Not reported
Caller extension: Not reported
Caller organization: Not reported
Substance: OIL, [MOTOR]
Quantity: 1
Units: Gallons
Recovered: Not reported
Recovered Units: Not reported
Comments: Not reported

B11
ENE
> 1
1.374 mi.
7253 ft.

1195 CLEMENTS FERRY RD
CHARLESTON, SC 29492

EDR Hist Auto **1015176686**
N/A

Site 1 of 2 in cluster B

Relative:
Lower

EDR Historical Auto Stations:

Actual:
14 ft.

Name: AUTO INSPECTORS OF SC
Year: 2010
Address: 1195 CLEMENTS FERRY RD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

1015176686

Name: BUTCHS AUTOMOTIVE SERVICE
Year: 2011
Address: 1195 CLEMENTS FERRY RD

Name: BUTCHS AUTOMOTIVE SERVICE
Year: 2012
Address: 1195 CLEMENTS FERRY RD

B12
ENE
> 1
1.385 mi.
7314 ft.

WANDO GROCERY
RT 1 BOX 11
WANDO, SC 29492

RCR 1007246503
FINDS N/A
ECHO

Site 2 of 2 in cluster B

Relative:
Lower

RCR:

Entity Responsibility: Edwardine Avinger
Region: 7
Tax Id: 263-00-01-006
Latitude: 32.93364
Longitude: -79.83108
Tracking Number: 14383
Regulatory Program: UST
Unit Type: UST
Unit Number/Letter: 1
Area/Acres: Not reported
Affected Media: Groundwater
Site/Unit: Regulated Petroleum Underground Storage Tank Location
Conditions: Public Noticed Corrective Action Plan
Associated Response/Corrective Action: Not reported
Associated Chemicals Requiring: Benzene Naphthalene

Actual:
14 ft.

FINDS:

Registry ID: 110017183910

Environmental Interest/Information System

SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include;

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WANDO GROCERY (Continued)

1007246503

Incident Tracking, Compliance Assistance, and Compliance Monitoring.

ECHO:

Envid: 1007246503
Registry ID: 110017183910
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110017183910

C13
East
> 1
1.566 mi.
8269 ft.

WAYLON CATO C/O HARVEY FORT
1153 CLEMENT FERRY RD
WANDO, SC 29492

FINDS 1007241260
N/A

Site 1 of 2 in cluster C

Relative:
Lower

FINDS:

Registry ID: 110017129310

Actual:
11 ft.

Environmental Interest/Information System
SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

D14
ESE
> 1
1.594 mi.
8416 ft.

DETYENS SHIPYARDS HWY 41 WANDO RIVER BRIDGE
CHARLESTON, SC

ERNS 94374423
N/A

Site 1 of 5 in cluster D

Relative:
Lower

[Click this hyperlink](#) while viewing on your computer to access additional ERNS detail in the EDR Site Report.

Actual:
4 ft.
E15

ESE
> 1
1.599 mi.
8443 ft.

2383 HWY 41
MT PLEASANT, SC 29464

ERNS 2005629605
N/A

Site 1 of 7 in cluster E

Relative:
Lower

[Click this hyperlink](#) while viewing on your computer to access additional ERNS detail in the EDR Site Report.

Actual:
5 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

E16
ESE
> 1
1.618 mi.
8542 ft.

CIRCLE K 2720879
2391 HWY 41
WANDO, SC
Site 2 of 7 in cluster E

LUST
UST
Financial Assurance
U003620848
N/A

Relative:
Lower

LUST:
Release Number: 1
Facility ID: 13065
Release Status Number: 1
Substance: PETRO
Tank Owner Company Name: CIRCLE K STORES INC
Tank Owner Last Name: CIRCLE K STORES INC
Tank Owner First name: Not reported
NFA Date: 03/10/2003
Tank Owner City: CHARLOTTE
Confirmed Date: 11/06/1991
Release Date: 11/06/1991
EID: 1773705
Local Facility District: Charleston EQC Office
SCRBCA Class Number: 2BB
Release Fin Type Code: WS
Qualified: Y
Release Source: UST
Local Fac Last Name: CIRCLE K 2720879
Local Fac First Name: Not reported
User Name: MAXWELSR
Cleanup Initiated Date: 06/01/1992
Prefix: R
Total Score: 0.31

Actual:
9 ft.

LUST:
Release Date: 11/06/1991
Cleanup Complete Date: 03/10/2003
Depth to Ground Water: 6.5
Ground Water Flow Direction: S
Release Number: 1
Confirmed date: 11/06/1991
RP Name: GFM INC
RP Address: PO BOX 248
RP City: MOUNT PLEASANT
RP State: SC
RP Zip: 29465-0248
SCRBCA Class Code: CLASS2BB
Project Manager: MAXWELL, STEPHEN R
Release Fin Type Code: WS

Release Number: 2
Facility ID: 13065
Release Status Number: 1
Substance: PETROL
Tank Owner Company Name: CIRCLE K STORES INC
Tank Owner Last Name: CIRCLE K STORES INC
Tank Owner First name: Not reported
NFA Date: Not reported
Tank Owner City: CHARLOTTE
Confirmed Date: 04/03/2015
Release Date: 03/10/2015
EID: 118732326

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K 2720879 (Continued)

U003620848

Local Facility District: Charleston EQC Office
SCRBCA Class Number: 2BB
Release Fin Type Code: ENQ
Qualified: Not reported
Release Source: UST
Local Fac Last Name: CIRCLE K 2720879
Local Fac First Name: Not reported
User Name: KUHNMK
Cleanup Initiated Date: Not reported
Prefix: R
Total Score: 32.24

LUST:

Release Date: 11/06/1991
Cleanup Complete Date: 03/10/2003
Depth to Ground Water: 6.5
Ground Water Flow Direction: S
Release Number: 1
Confirmed date: 11/06/1991
RP Name: GFM INC
RP Address: PO BOX 248
RP City: MOUNT PLEASANT
RP State: SC
RP Zip: 29465-0248
SCRBCA Class Code: CLASS2BB
Project Manager: MAXWELL, STEPHEN R
Release Fin Type Code: WS

UST:

Facility ID: 13065
Owner: CIRCLE K STORES INC
Owner Contact: CIRCLE K STORES INC
Owner Address: 2440 WHITEHALL PARK DR STE 800
Owner City,St,Zip: CHARLOTTE, NC 28273
Owner Phone: 704-583-5700
Contact: CIRCLE K 2720879
Local Facility EID: 395363
Tank Owner EID: 1300919
EID: 1432838
UST Facility EID: 1382268
CF Owner: 13065

Tank ID: 1
Status: Abandoned
Capacity: 10000
Product: RUL
Calcage: 10

Tank ID: 2
Status: Abandoned
Capacity: 10000
Product: PLUS
Calcage: 10

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CIRCLE K 2720879 (Continued)

U003620848

Tank ID: 3
Status: Abandoned
 Capacity: 10000
 Product: PREM
 Calcage: 10

SC Financial Assurance 3:

Owner Name: PANTRY INC
 Owner Address: 305 GREGSON DR
 Owner City: CARY
 Owner State: NC
 Owner Zip: 27511
 Mechanism: Letter of Credit
 Date Expired: 03/09/15
 Bill: 0
 RNU: 0
 Rel Number: N

E17
ESE
> 1
1.618 mi.
8542 ft.

PANTRY 879
2391 HWY 41
WANDO, SC
Site 3 of 7 in cluster E

RGA LUST S114817636
N/A

Relative:
Lower

RGA LUST:

Actual:
9 ft.

2012	PANTRY 879	2391 HWY 41
2011	PANTRY 879	2391 HWY 41
2010	PANTRY 879	2391 HWY 41
2009	PANTRY 879	2391 HWY 41
2008	PANTRY 879	2391 HWY 41
2007	PANTRY 879	2391 HWY 41
2006	PANTRY 879	2391 HWY 41
2005	PANTRY 879	2391 HWY 41
2004	PANTRY 879	2391 HWY 41
2003	PANTRY 879	2391 HWY 41
2002	PANTRY 879	2391 HWY 41
2000	PANTRY 879	2391 HWY 41

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
E18 ESE > 1 1.618 mi. 8542 ft.	PANTRY #879 2391 HWY 41 WANDO, SC Site 4 of 7 in cluster E	RGA LUST	S114817277 N/A
Relative: Lower	Relative: RGA LUST: 1999 PANTRY #879 2391 HWY 41		
Actual: 9 ft.	Actual: 1998 PANTRY #879 2391 HWY 41		
E19 ESE > 1 1.618 mi. 8542 ft.	PANTRY 879 2391 HWY 41 WANDO, SC 29492 Site 5 of 7 in cluster E	FINDS	1007232963 N/A
Relative: Lower	Relative: FINDS: Registry ID: 110017042840 Environmental Interest/Information System SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.		
Actual: 9 ft.			
E20 ESE > 1 1.625 mi. 8579 ft.	PANTRY #879 2390 HWY 41 WANDO, SC Site 6 of 7 in cluster E	RGA LUST	S114817276 N/A
Relative: Lower	Relative: RGA LUST: 1997 PANTRY #879 2390 HWY 41		
Actual: 9 ft.			
E21 ESE > 1 1.625 mi. 8579 ft.	GREGORIE'S FOOD MART #8 2390 HWY 41 WANDO, SC Site 7 of 7 in cluster E	RGA LUST	S114811814 N/A
Relative: Lower	Relative: RGA LUST: 1996 GREGORIE'S FOOD MART #8 2390 HWY 41		
Actual: 9 ft.	Actual: 1993 GREGORIE'S FOOD MART #8 2390 HWY 41 1992 GREGORIE'S FOOD MART #8 2390 HWY 41		

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

C22 East > 1 1.628 mi. 8595 ft.	CENTRAL REDI-MIX INC CAINHOY SITE CAINHOY CAINHOY, SC 29492 Site 2 of 2 in cluster C	FINDS ECHO	1007246341 N/A
--	--	-----------------------------	--------------------------

Relative: Lower FINDS:

Registry ID: 110017182163

Actual: 10 ft. Environmental Interest/Information System
 SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

AIR EMISSIONS CLASSIFICATION UNKNOWN

ECHO:

Envid: 1007246341
 Registry ID: 110017182163
 DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110017182163

D23 ESE > 1 1.638 mi. 8650 ft.	2383 HIGHWAY 41 MT PLEASANT, SC 29466 Site 2 of 5 in cluster D	ERNS	98462241 N/A
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Relative: Lower [Click this hyperlink](#) while viewing on your computer to access additional ERNS detail in the EDR Site Report.

Actual: 4 ft. D24 ESE > 1 1.638 mi. 8650 ft.	DETYENS SHIPYARD/WANDO YARD 2383 HWY 41 MOUNT PLEASANT, SC 29464 Site 3 of 5 in cluster D	ICIS FINDS ECHO	1000441367 N/A
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Relative: Lower ICIS:

Enforcement Action ID: SC000A0420007400076
 FRS ID: 110001138634

Actual: 4 ft. Action Name: DETYENS SHIPYARD INC. MT PLEASANT 450150007400076
 Facility Name: DETYENS SHIPYARD INC. MT PLEASANT
 Facility Address: 2383 HWY 41
 SOUTH CAROLINA, SC 29466

Enforcement Action Type: Warning Letter
 Facility County: UNDETERMINED
 Program System Acronym: AIR
 Enforcement Action Forum Desc: Administrative - Informal
 EA Type Code: DAWL
 Facility SIC Code: 3731
 Federal Facility ID: Not reported
 Latitude in Decimal Degrees: 32.922778
 Longitude in Decimal Degrees: -79.828889

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DETYENS SHIPYARD/WANDO YARD (Continued)

1000441367

Permit Type Desc: Not reported
Program System Acronym: SC00004200074
Facility NAICS Code: 336611
Tribal Land Code: Not reported

Enforcement Action ID: SC000A0420007400053
FRS ID: 110001138634
Action Name: DETYENS SHIPYARD INC. MT PLEASANT 450150007400053
Facility Name: DETYENS SHIPYARD INC. MT PLEASANT
Facility Address: 2383 HWY 41
SOUTH CAROLINA, SC 29466

Enforcement Action Type: Administrative Order
Facility County: UNDETERMINED
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 3731
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922778
Longitude in Decimal Degrees: -79.828889
Permit Type Desc: Not reported
Program System Acronym: SC00004200074
Facility NAICS Code: 336611
Tribal Land Code: Not reported

Enforcement Action ID: SC000A0420007400049
FRS ID: 110001138634
Action Name: DETYENS SHIPYARD INC. MT PLEASANT 450150007400049
Facility Name: DETYENS SHIPYARD INC. MT PLEASANT
Facility Address: 2383 HWY 41
SOUTH CAROLINA, SC 29466

Enforcement Action Type: Notice of Violation
Facility County: UNDETERMINED
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 3731
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922778
Longitude in Decimal Degrees: -79.828889
Permit Type Desc: Not reported
Program System Acronym: SC00004200074
Facility NAICS Code: 336611
Tribal Land Code: Not reported

Enforcement Action ID: SC000A0420007400043
FRS ID: 110001138634
Action Name: DETYENS SHIPYARD INC. MT PLEASANT 450150007400043
Facility Name: DETYENS SHIPYARD INC. MT PLEASANT
Facility Address: 2383 HWY 41
SOUTH CAROLINA, SC 29466

Enforcement Action Type: Notice of Violation
Facility County: UNDETERMINED
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 3731

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DETYENS SHIPYARD/WANDO YARD (Continued)

1000441367

Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922778
Longitude in Decimal Degrees: -79.828889
Permit Type Desc: Not reported
Program System Acronym: SC00004200074
Facility NAICS Code: 336611
Tribal Land Code: Not reported

Enforcement Action ID: SC-N00018209
FRS ID: 110001138634
Action Name: DETYENS SHIPYARD/WANDO YARD (Permit SC0033022) Letter Of Violation/Warning Letter

Facility Name: DETYENS SHIPYARD/WANDO YARD
Facility Address: 2383 HWY 41
MOUNT PLEASANT, SC 29464

Enforcement Action Type: Letter of Violation/ Warning Letter
Facility County: BERKELEY
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: LOVWL
Facility SIC Code: 3731
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922222
Longitude in Decimal Degrees: -79.83
Permit Type Desc: NPDES Individual Permit
Program System Acronym: SC0033022
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: SC-N00017026
FRS ID: 110001138634
Action Name: DETYENS SHIPYARD/WANDO YARD (Permit SC0033022) Administrative Consent Order

Facility Name: DETYENS SHIPYARD/WANDO YARD
Facility Address: 2383 HWY 41
MOUNT PLEASANT, SC 29464

Enforcement Action Type: State Administrative Order of Consent
Facility County: BERKELEY
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: STAOCO
Facility SIC Code: 3731
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922222
Longitude in Decimal Degrees: -79.83
Permit Type Desc: NPDES Individual Permit
Program System Acronym: SC0033022
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: SC-N00016115
FRS ID: 110001138634
Action Name: DETYENS SHIPYARD/WANDO YARD (Permit SC0033022) Letter Of Violation/Warning Letter

Facility Name: DETYENS SHIPYARD/WANDO YARD
Facility Address: 2383 HWY 41
MOUNT PLEASANT, SC 29464

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DETYENS SHIPYARD/WANDO YARD (Continued)

1000441367

Enforcement Action Type: Letter of Violation/ Warning Letter
Facility County: BERKELEY
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: LOVWL
Facility SIC Code: 3731
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922222
Longitude in Decimal Degrees: -79.83
Permit Type Desc: NPDES Individual Permit
Program System Acronym: SC0033022
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: SC-N00015966
FRS ID: 110001138634
Action Name: DETYENS SHIPYARD/WANDO YARD (Permit SC0033022) Agency Enforcement Review

Facility Name: DETYENS SHIPYARD/WANDO YARD
Facility Address: 2383 HWY 41
MOUNT PLEASANT, SC 29464

Enforcement Action Type: Agency Enforcement Review
Facility County: BERKELEY
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: AER
Facility SIC Code: 3731
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922222
Longitude in Decimal Degrees: -79.83
Permit Type Desc: NPDES Individual Permit
Program System Acronym: SC0033022
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: SC-N00015898
FRS ID: 110001138634
Action Name: DETYENS SHIPYARD/WANDO YARD (Permit SC0033022) Agency Enforcement Review

Facility Name: DETYENS SHIPYARD/WANDO YARD
Facility Address: 2383 HWY 41
MOUNT PLEASANT, SC 29464

Enforcement Action Type: Agency Enforcement Review
Facility County: BERKELEY
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: AER
Facility SIC Code: 3731
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922222
Longitude in Decimal Degrees: -79.83
Permit Type Desc: NPDES Individual Permit
Program System Acronym: SC0033022
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: SC-N00015710

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DETYENS SHIPYARD/WANDO YARD (Continued)

1000441367

FRS ID: 110001138634
Action Name: DETYENS SHIPYARD/WANDO YARD (Permit SC0033022) Letter Of Violation/Warning Letter
Facility Name: DETYENS SHIPYARD/WANDO YARD
Facility Address: 2383 HWY 41
MOUNT PLEASANT, SC 29464
Enforcement Action Type: Letter of Violation/ Warning Letter
Facility County: BERKELEY
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: LOVWL
Facility SIC Code: 3731
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922222
Longitude in Decimal Degrees: -79.83
Permit Type Desc: NPDES Individual Permit
Program System Acronym: SC0033022
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: SC-N00015053
FRS ID: 110001138634
Action Name: DETYENS SHIPYARD/WANDO YARD (Permit SC0033022) Administrative Consent Order
Facility Name: DETYENS SHIPYARD/WANDO YARD
Facility Address: 2383 HWY 41
MOUNT PLEASANT, SC 29464
Enforcement Action Type: State Administrative Order of Consent
Facility County: BERKELEY
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: STAOCO
Facility SIC Code: 3731
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922222
Longitude in Decimal Degrees: -79.83
Permit Type Desc: NPDES Individual Permit
Program System Acronym: SC0033022
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: SC-N00015031
FRS ID: 110001138634
Action Name: DETYENS SHIPYARD/WANDO YARD (Permit SC0033022) Admin Action Pending
Facility Name: DETYENS SHIPYARD/WANDO YARD
Facility Address: 2383 HWY 41
MOUNT PLEASANT, SC 29464
Enforcement Action Type: Agency Enforcement Review
Facility County: BERKELEY
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: AER
Facility SIC Code: 3731
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922222
Longitude in Decimal Degrees: -79.83
Permit Type Desc: NPDES Individual Permit

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DETYENS SHIPYARD/WANDO YARD (Continued)

1000441367

Program System Acronym: SC0033022
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: SC-N00014812
FRS ID: 110001138634
Action Name: DETYENS SHIPYARD/WANDO YARD (Permit SC0033022) Enf Conference Letter
Facility Name: DETYENS SHIPYARD/WANDO YARD
Facility Address: 2383 HWY 41
MOUNT PLEASANT, SC 29464

Enforcement Action Type: Letter of Violation/ Warning Letter
Facility County: BERKELEY
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: LOVWL
Facility SIC Code: 3731
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922222
Longitude in Decimal Degrees: -79.83
Permit Type Desc: NPDES Individual Permit
Program System Acronym: SC0033022
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: SC-N00013905
FRS ID: 110001138634
Action Name: DETYENS SHIPYARD/WANDO YARD (Permit SC0033022) Letter Of
Violation/Warning Letter
Facility Name: DETYENS SHIPYARD/WANDO YARD
Facility Address: 2383 HWY 41
MOUNT PLEASANT, SC 29464

Enforcement Action Type: Letter of Violation/ Warning Letter
Facility County: BERKELEY
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: LOVWL
Facility SIC Code: 3731
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922222
Longitude in Decimal Degrees: -79.83
Permit Type Desc: NPDES Individual Permit
Program System Acronym: SC0033022
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: SC-N00013565
FRS ID: 110001138634
Action Name: DETYENS SHIPYARD/WANDO YARD (Permit SC0033022) Administrative Consent
Order
Facility Name: DETYENS SHIPYARD/WANDO YARD
Facility Address: 2383 HWY 41
MOUNT PLEASANT, SC 29464
Enforcement Action Type: State Administrative Order of Consent
Facility County: BERKELEY
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: STAOCO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DETYENS SHIPYARD/WANDO YARD (Continued)

1000441367

Facility SIC Code: 3731
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922222
Longitude in Decimal Degrees: -79.83
Permit Type Desc: NPDES Individual Permit
Program System Acronym: SC0033022
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: SC-N00013233
FRS ID: 110001138634
Action Name: DETYENS SHIPYARD/WANDO YARD (Permit SC0033022) Qncr Comment
Facility Name: DETYENS SHIPYARD/WANDO YARD
Facility Address: 2383 HWY 41
MOUNT PLEASANT, SC 29464

Enforcement Action Type: Under Review
Facility County: BERKELEY
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: UNDREV
Facility SIC Code: 3731
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922222
Longitude in Decimal Degrees: -79.83
Permit Type Desc: NPDES Individual Permit
Program System Acronym: SC0033022
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: SC-N00013177
FRS ID: 110001138634
Action Name: DETYENS SHIPYARD/WANDO YARD (Permit SC0033022) Notice Of Viol, Infml
Facility Name: DETYENS SHIPYARD/WANDO YARD
Facility Address: 2383 HWY 41
MOUNT PLEASANT, SC 29464

Enforcement Action Type: Letter of Violation/ Warning Letter
Facility County: BERKELEY
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: LOVWL
Facility SIC Code: 3731
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922222
Longitude in Decimal Degrees: -79.83
Permit Type Desc: NPDES Individual Permit
Program System Acronym: SC0033022
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: SC-N00013148
FRS ID: 110001138634
Action Name: DETYENS SHIPYARD/WANDO YARD (Permit SC0033022) Admin Action Pending
Facility Name: DETYENS SHIPYARD/WANDO YARD
Facility Address: 2383 HWY 41
MOUNT PLEASANT, SC 29464
Enforcement Action Type: Agency Enforcement Review
Facility County: BERKELEY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DETYENS SHIPYARD/WANDO YARD (Continued)

1000441367

Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: AER
Facility SIC Code: 3731
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922222
Longitude in Decimal Degrees: -79.83
Permit Type Desc: NPDES Individual Permit
Program System Acronym: SC0033022
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: SC-N00008779
FRS ID: 110001138634
Action Name: DETYENS SHIPYARD/WANDO YARD (Permit SC0033022) Notice Of Viol, Infrm
Facility Name: DETYENS SHIPYARD/WANDO YARD
Facility Address: 2383 HWY 41
MOUNT PLEASANT, SC 29464

Enforcement Action Type: Letter of Violation/ Warning Letter

Facility County: BERKELEY
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: LOVWL
Facility SIC Code: 3731
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922222
Longitude in Decimal Degrees: -79.83
Permit Type Desc: NPDES Individual Permit
Program System Acronym: SC0033022
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: SC-N00008778
FRS ID: 110001138634
Action Name: DETYENS SHIPYARD/WANDO YARD (Permit SC0033022) Other
Facility Name: DETYENS SHIPYARD/WANDO YARD
Facility Address: 2383 HWY 41
MOUNT PLEASANT, SC 29464

Enforcement Action Type: Agency Enforcement Review

Facility County: BERKELEY
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: AER
Facility SIC Code: 3731
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922222
Longitude in Decimal Degrees: -79.83
Permit Type Desc: NPDES Individual Permit
Program System Acronym: SC0033022
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: SC-N00007812
FRS ID: 110001138634
Action Name: DETYENS SHIPYARD/WANDO YARD (Permit SC0033022) Other
Facility Name: DETYENS SHIPYARD/WANDO YARD
Facility Address: 2383 HWY 41

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DETYENS SHIPYARD/WANDO YARD (Continued)

1000441367

Enforcement Action Type: MOUNT PLEASANT, SC 29464
Agency Enforcement Review
Facility County: BERKELEY
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: AER
Facility SIC Code: 3731
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922222
Longitude in Decimal Degrees: -79.83
Permit Type Desc: NPDES Individual Permit
Program System Acronym: SC0033022
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: SC-N00007771
FRS ID: 110001138634
Action Name: DETYENS SHIPYARD/WANDO YARD (Permit SC0033022) Notice Of Viol, Infml
Facility Name: DETYENS SHIPYARD/WANDO YARD
Facility Address: 2383 HWY 41
MOUNT PLEASANT, SC 29464

Enforcement Action Type: Letter of Violation/ Warning Letter
Facility County: BERKELEY
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: LOVWL
Facility SIC Code: 3731
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922222
Longitude in Decimal Degrees: -79.83
Permit Type Desc: NPDES Individual Permit
Program System Acronym: SC0033022
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: SC-N00007628
FRS ID: 110001138634
Action Name: DETYENS SHIPYARD/WANDO YARD (Permit SC0033022) Notice Of Viol, Infml
Facility Name: DETYENS SHIPYARD/WANDO YARD
Facility Address: 2383 HWY 41
MOUNT PLEASANT, SC 29464

Enforcement Action Type: Letter of Violation/ Warning Letter
Facility County: BERKELEY
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: LOVWL
Facility SIC Code: 3731
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922222
Longitude in Decimal Degrees: -79.83
Permit Type Desc: NPDES Individual Permit
Program System Acronym: SC0033022
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: SC-N00006798
FRS ID: 110001138634

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DETYENS SHIPYARD/WANDO YARD (Continued)

1000441367

Action Name: DETYENS SHIPYARD/WANDO YARD (Permit SC0033022) Other
Facility Name: DETYENS SHIPYARD/WANDO YARD
Facility Address: 2383 HWY 41
MOUNT PLEASANT, SC 29464
Enforcement Action Type: Agency Enforcement Review
Facility County: BERKELEY
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: AER
Facility SIC Code: 3731
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922222
Longitude in Decimal Degrees: -79.83
Permit Type Desc: NPDES Individual Permit
Program System Acronym: SC0033022
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: SC-N00005461
FRS ID: 110001138634
Action Name: DETYENS SHIPYARD/WANDO YARD (Permit SC0033022) Qncr Comment
Facility Name: DETYENS SHIPYARD/WANDO YARD
Facility Address: 2383 HWY 41
MOUNT PLEASANT, SC 29464
Enforcement Action Type: Under Review
Facility County: BERKELEY
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: UNDREV
Facility SIC Code: 3731
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922222
Longitude in Decimal Degrees: -79.83
Permit Type Desc: NPDES Individual Permit
Program System Acronym: SC0033022
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: SC-N00005366
FRS ID: 110001138634
Action Name: DETYENS SHIPYARD/WANDO YARD (Permit SC0033022) Notice Of Viol, Infml
Facility Name: DETYENS SHIPYARD/WANDO YARD
Facility Address: 2383 HWY 41
MOUNT PLEASANT, SC 29464
Enforcement Action Type: Letter of Violation/ Warning Letter
Facility County: BERKELEY
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: LOVWL
Facility SIC Code: 3731
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922222
Longitude in Decimal Degrees: -79.83
Permit Type Desc: NPDES Individual Permit
Program System Acronym: SC0033022
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DETYENS SHIPYARD/WANDO YARD (Continued)

1000441367

Enforcement Action ID: SC-N00005330
FRS ID: 110001138634
Action Name: DETYENS SHIPYARD/WANDO YARD (Permit SC0033022) Notice Of Viol, Infml
Facility Name: DETYENS SHIPYARD/WANDO YARD
Facility Address: 2383 HWY 41
MOUNT PLEASANT, SC 29464
Enforcement Action Type: Letter of Violation/ Warning Letter
Facility County: BERKELEY
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: LOVWL
Facility SIC Code: 3731
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922222
Longitude in Decimal Degrees: -79.83
Permit Type Desc: NPDES Individual Permit
Program System Acronym: SC0033022
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: SC-N00004515
FRS ID: 110001138634
Action Name: DETYENS SHIPYARD/WANDO YARD (Permit SC0033022) Qncr Comment
Facility Name: DETYENS SHIPYARD/WANDO YARD
Facility Address: 2383 HWY 41
MOUNT PLEASANT, SC 29464
Enforcement Action Type: Under Review
Facility County: BERKELEY
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: UNDREV
Facility SIC Code: 3731
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922222
Longitude in Decimal Degrees: -79.83
Permit Type Desc: NPDES Individual Permit
Program System Acronym: SC0033022
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: SC-N00004433
FRS ID: 110001138634
Action Name: DETYENS SHIPYARD/WANDO YARD (Permit SC0033022) Administrative Consent Order
Facility Name: DETYENS SHIPYARD/WANDO YARD
Facility Address: 2383 HWY 41
MOUNT PLEASANT, SC 29464
Enforcement Action Type: State Administrative Order of Consent
Facility County: BERKELEY
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: STAOCO
Facility SIC Code: 3731
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922222
Longitude in Decimal Degrees: -79.83
Permit Type Desc: NPDES Individual Permit

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DETYENS SHIPYARD/WANDO YARD (Continued)

1000441367

Program System Acronym: SC0033022
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: SC-N00004046
FRS ID: 110001138634
Action Name: DETYENS SHIPYARD/WANDO YARD (Permit SC0033022) Letter Of Violation/Warning Letter

Facility Name: DETYENS SHIPYARD/WANDO YARD
Facility Address: 2383 HWY 41
MOUNT PLEASANT, SC 29464

Enforcement Action Type: Letter of Violation/ Warning Letter
Facility County: BERKELEY
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: LOVWL
Facility SIC Code: 3731
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922222
Longitude in Decimal Degrees: -79.83
Permit Type Desc: NPDES Individual Permit
Program System Acronym: SC0033022
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: SC-N00002646
FRS ID: 110001138634
Action Name: DETYENS SHIPYARD/WANDO YARD (Permit SC0033022) Oral Notification of Violation

Facility Name: DETYENS SHIPYARD/WANDO YARD
Facility Address: 2383 HWY 41
MOUNT PLEASANT, SC 29464

Enforcement Action Type: Phone Call/ EMAIL
Facility County: BERKELEY
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: PHEMAIL
Facility SIC Code: 3731
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922222
Longitude in Decimal Degrees: -79.83
Permit Type Desc: NPDES Individual Permit
Program System Acronym: SC0033022
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: SC-N00001979
FRS ID: 110001138634
Action Name: DETYENS SHIPYARD/WANDO YARD (Permit SC0033022) Other
Facility Name: DETYENS SHIPYARD/WANDO YARD
Facility Address: 2383 HWY 41
MOUNT PLEASANT, SC 29464

Enforcement Action Type: Agency Enforcement Review
Facility County: BERKELEY
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: AER

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DETYENS SHIPYARD/WANDO YARD (Continued)

1000441367

Facility SIC Code: 3731
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922222
Longitude in Decimal Degrees: -79.83
Permit Type Desc: NPDES Individual Permit
Program System Acronym: SC0033022
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: SC-N00001900
FRS ID: 110001138634
Action Name: DETYENS SHIPYARD/WANDO YARD (Permit SC0033022) Administrative Consent Order

Facility Name: DETYENS SHIPYARD/WANDO YARD
Facility Address: 2383 HWY 41
MOUNT PLEASANT, SC 29464

Enforcement Action Type: State Administrative Order of Consent
Facility County: BERKELEY
Program System Acronym: NPDES

Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: STAOCO
Facility SIC Code: 3731

Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922222
Longitude in Decimal Degrees: -79.83
Permit Type Desc: NPDES Individual Permit
Program System Acronym: SC0033022
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: SC-N00001728
FRS ID: 110001138634
Action Name: DETYENS SHIPYARD/WANDO YARD (Permit SC0033022) Oral Notification of Violation

Facility Name: DETYENS SHIPYARD/WANDO YARD
Facility Address: 2383 HWY 41
MOUNT PLEASANT, SC 29464

Enforcement Action Type: Phone Call/ EMAIL
Facility County: BERKELEY
Program System Acronym: NPDES

Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: PHEMAIL
Facility SIC Code: 3731

Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922222
Longitude in Decimal Degrees: -79.83
Permit Type Desc: NPDES Individual Permit
Program System Acronym: SC0033022
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: SC-N00001639
FRS ID: 110001138634
Action Name: DETYENS SHIPYARD/WANDO YARD (Permit SC0033022) Agency Enforcement Review

Facility Name: DETYENS SHIPYARD/WANDO YARD
Facility Address: 2383 HWY 41

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DETYENS SHIPYARD/WANDO YARD (Continued)

1000441367

Enforcement Action Type: MOUNT PLEASANT, SC 29464
Agency Enforcement Review
Facility County: BERKELEY
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: AER
Facility SIC Code: 3731
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922222
Longitude in Decimal Degrees: -79.83
Permit Type Desc: NPDES Individual Permit
Program System Acronym: SC0033022
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: SC-N00001566
FRS ID: 110001138634
Action Name: DETYENS SHIPYARD/WANDO YARD (Permit SC0033022) Notice Of Viol, Infml
Facility Name: DETYENS SHIPYARD/WANDO YARD
Facility Address: 2383 HWY 41
MOUNT PLEASANT, SC 29464

Enforcement Action Type: Letter of Violation/ Warning Letter
Facility County: BERKELEY
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: LOVWL
Facility SIC Code: 3731
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922222
Longitude in Decimal Degrees: -79.83
Permit Type Desc: NPDES Individual Permit
Program System Acronym: SC0033022
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: SC-N00001456
FRS ID: 110001138634
Action Name: DETYENS SHIPYARD/WANDO YARD (Permit SC0033022) Other
Facility Name: DETYENS SHIPYARD/WANDO YARD
Facility Address: 2383 HWY 41
MOUNT PLEASANT, SC 29464

Enforcement Action Type: Agency Enforcement Review
Facility County: BERKELEY
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: AER
Facility SIC Code: 3731
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922222
Longitude in Decimal Degrees: -79.83
Permit Type Desc: NPDES Individual Permit
Program System Acronym: SC0033022
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: SC-N00001452
FRS ID: 110001138634

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DETYENS SHIPYARD/WANDO YARD (Continued)

1000441367

Action Name: DETYENS SHIPYARD/WANDO YARD (Permit SC0033022) Pre-Enforcement Meeting
Facility Name: DETYENS SHIPYARD/WANDO YARD
Facility Address: 2383 HWY 41
MOUNT PLEASANT, SC 29464
Enforcement Action Type: Enforcement Meeting
Facility County: BERKELEY
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: ENFMTG
Facility SIC Code: 3731
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922222
Longitude in Decimal Degrees: -79.83
Permit Type Desc: NPDES Individual Permit
Program System Acronym: SC0033022
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: SC-N00001376
FRS ID: 110001138634
Action Name: DETYENS SHIPYARD/WANDO YARD (Permit SC0033022) Enf Notice Letter
Facility Name: DETYENS SHIPYARD/WANDO YARD
Facility Address: 2383 HWY 41
MOUNT PLEASANT, SC 29464

Enforcement Action Type: Letter of Violation/ Warning Letter
Facility County: BERKELEY
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: LOVWL
Facility SIC Code: 3731
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922222
Longitude in Decimal Degrees: -79.83
Permit Type Desc: NPDES Individual Permit
Program System Acronym: SC0033022
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: SC-N00001348
FRS ID: 110001138634
Action Name: DETYENS SHIPYARD/WANDO YARD (Permit SC0033022) Other
Facility Name: DETYENS SHIPYARD/WANDO YARD
Facility Address: 2383 HWY 41
MOUNT PLEASANT, SC 29464

Enforcement Action Type: Agency Enforcement Review
Facility County: BERKELEY
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: AER
Facility SIC Code: 3731
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922222
Longitude in Decimal Degrees: -79.83
Permit Type Desc: NPDES Individual Permit
Program System Acronym: SC0033022
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DETYENS SHIPYARD/WANDO YARD (Continued)

1000441367

Enforcement Action ID: SC-N00000868
FRS ID: 110001138634
Action Name: DETYENS SHIPYARD/WANDO YARD (Permit SC0033022) Administrative Order
Facility Name: DETYENS SHIPYARD/WANDO YARD
Facility Address: 2383 HWY 41
MOUNT PLEASANT, SC 29464
Enforcement Action Type: State CWA Non Penalty AO
Facility County: BERKELEY
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCWAAO
Facility SIC Code: 3731
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922222
Longitude in Decimal Degrees: -79.83
Permit Type Desc: NPDES Individual Permit
Program System Acronym: SC0033022
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: SC-N00000862
FRS ID: 110001138634
Action Name: DETYENS SHIPYARD/WANDO YARD (Permit SC0033022) Administrative Order
Facility Name: DETYENS SHIPYARD/WANDO YARD
Facility Address: 2383 HWY 41
MOUNT PLEASANT, SC 29464
Enforcement Action Type: State CWA Non Penalty AO
Facility County: BERKELEY
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCWAAO
Facility SIC Code: 3731
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922222
Longitude in Decimal Degrees: -79.83
Permit Type Desc: NPDES Individual Permit
Program System Acronym: SC0033022
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: SC-N00000597
FRS ID: 110001138634
Action Name: DETYENS SHIPYARD/WANDO YARD (Permit SC0033022) Notice Of Viol, Infml
Facility Name: DETYENS SHIPYARD/WANDO YARD
Facility Address: 2383 HWY 41
MOUNT PLEASANT, SC 29464
Enforcement Action Type: Letter of Violation/ Warning Letter
Facility County: BERKELEY
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: LOVWL
Facility SIC Code: 3731
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922222
Longitude in Decimal Degrees: -79.83
Permit Type Desc: NPDES Individual Permit
Program System Acronym: SC0033022

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DETYENS SHIPYARD/WANDO YARD (Continued)

1000441367

Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: SC-N00000596
FRS ID: 110001138634
Action Name: DETYENS SHIPYARD/WANDO YARD (Permit SC0033022) Notice Of Viol, Infml
Facility Name: DETYENS SHIPYARD/WANDO YARD
Facility Address: 2383 HWY 41
MOUNT PLEASANT, SC 29464

Enforcement Action Type: Letter of Violation/ Warning Letter
Facility County: BERKELEY
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: LOVWL
Facility SIC Code: 3731
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922222
Longitude in Decimal Degrees: -79.83
Permit Type Desc: NPDES Individual Permit
Program System Acronym: SC0033022
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: SC-N00000549
FRS ID: 110001138634
Action Name: DETYENS SHIPYARD/WANDO YARD (Permit SC0033022) Other
Facility Name: DETYENS SHIPYARD/WANDO YARD
Facility Address: 2383 HWY 41
MOUNT PLEASANT, SC 29464

Enforcement Action Type: Agency Enforcement Review
Facility County: BERKELEY
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: AER
Facility SIC Code: 3731
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922222
Longitude in Decimal Degrees: -79.83
Permit Type Desc: NPDES Individual Permit
Program System Acronym: SC0033022
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: SC-N00000047
FRS ID: 110001138634
Action Name: DETYENS SHIPYARD/WANDO YARD (Permit SC0033022) Notice Of Viol, Infml
Facility Name: DETYENS SHIPYARD/WANDO YARD
Facility Address: 2383 HWY 41
MOUNT PLEASANT, SC 29464

Enforcement Action Type: Letter of Violation/ Warning Letter
Facility County: BERKELEY
Program System Acronym: NPDES
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: LOVWL
Facility SIC Code: 3731
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922222

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DETYENS SHIPYARD/WANDO YARD (Continued)

1000441367

Longitude in Decimal Degrees: -79.83
Permit Type Desc: NPDES Individual Permit
Program System Acronym: SC0033022
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 04-2005-1804
FRS ID: 110001138634
Action Name: DETYENS SHIPYARDS, INC.
Facility Name: DETYENS SHIPYARD INC. MT PLEASANT
Facility Address: 2383 HWY 41
SOUTH CAROLINA, SC 29466
Enforcement Action Type: CAA 113A Admin Compliance Order (Non-Penalty)
Facility County: UNDETERMINED
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 113A
Facility SIC Code: 3731
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 32.922778
Longitude in Decimal Degrees: -79.828889
Permit Type Desc: Not reported
Program System Acronym: SC00004200074
Facility NAICS Code: 336611
Tribal Land Code: Not reported

Facility Name: DETYENS SHIPYARDS INCORPORATED
Address: 2383 HWY 41
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3731

Facility Name: DETYENS SHIPYARDS INCORPORATED
Address: 2383 HWY 41
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3731

Facility Name: DETYENS SHIPYARDS INCORPORATED
Address: 2383 HWY 41
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3731

Facility Name: DETYENS SHIPYARDS INCORPORATED
Address: 2383 HWY 41
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3731

Facility Name: DETYENS SHIPYARDS INCORPORATED
Address: 2383 HWY 41

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DETYENS SHIPYARD/WANDO YARD (Continued)

1000441367

Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3731

FINDS:

Registry ID: 110001138634

Environmental Interest/Information System

SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

AIR MAJOR

HAZARDOUS WASTE BIENNIAL REPORTER

ECHO:

Envid: 1000441367
Registry ID: 110001138634
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110001138634

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

D25
ESE
> 1
1.638 mi.
8650 ft.

DETYENS SHIPYARD/WANDO YARD
2383 HWY 41
MOUNT PLEASANT, SC 29464

NPDES S108051539
N/A

Site 4 of 5 in cluster D

Relative:
Lower

NPDES:

Actual:
4 ft.

Permit: SC0033022
Permit Status Date: 08/10/2010
Act/Inactive: ACT
App Type: NPDES REISSUE
App Status Date: 02/18/2003
Permit Contact: MARSHALL, MICHAEL
Permit Issued Date: 02/18/2003
Permit Expire Date: 09/30/2005
Permit Type: WTRNPDESWWTP
Permit Sub Type: INDUSTRIAL
Permit Status: ISSUE
Receiving Stream: TIDAL MARSH TO WANDO RIVER
Address Type: SITE
Owner Address Type: BUSINESS
Owner Telephone: 843-308-8047

Permit: SC0033022
Permit Status Date: 08/10/2010
Act/Inactive: ACT
App Type: NPDES REISSUE
App Status Date: 08/10/2010
Permit Contact: MARSHALL, MICHAEL
Permit Issued Date: 08/11/2010
Permit Expire Date: 08/31/2015
Permit Type: WTRNPDESWWTP
Permit Sub Type: INDUSTRIAL
Permit Status: ISSUE
Receiving Stream: TIDAL MARSH TO WANDO RIVER
Address Type: SITE
Owner Address Type: BUSINESS
Owner Telephone: 843-308-8047

Permit: SC0033022
Permit Status Date: 08/10/2010
Act/Inactive: ACT
App Type: NPDES REISSUE
App Status Date: 07/20/2006
Permit Contact: MARSHALL, MICHAEL
Permit Issued Date: 07/19/2006
Permit Expire Date: 03/31/2010
Permit Type: WTRNPDESWWTP
Permit Sub Type: INDUSTRIAL
Permit Status: ISSUE
Receiving Stream: TIDAL MARSH TO WANDO RIVER
Address Type: SITE
Owner Address Type: BUSINESS
Owner Telephone: 843-308-8047

Permit: SC0033022
Permit Status Date: 08/10/2010
Act/Inactive: ACT
App Type: NPDES REISSUE

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DETYENS SHIPYARD/WANDO YARD (Continued)

S108051539

App Status Date: 02/17/2015
 Permit Contact: MARSHALL, MICHAEL
 Permit Issued Date: Not reported
 Permit Expire Date: Not reported
 Permit Type: WTRNPDESWWTP
 Permit Sub Type: INDUSTRIAL
 Permit Status: ISSUE
 Receiving Stream: TIDAL MARSH TO WANDO RIVER
 Address Type: SITE
 Owner Address Type: BUSINESS
 Owner Telephone: 843-308-8047

D26
ESE
> 1
1.645 mi.
8685 ft.

THE PANTRY #878
2390 HIGHWAY 41
MT PLEASANT, SC 29466

FINDS 1008010031
N/A

Site 5 of 5 in cluster D

Relative:
Lower

FINDS:

Registry ID: 110002328838

Actual:
4 ft.

Environmental Interest/Information System
 SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

27
North
> 1
1.756 mi.
9274 ft.

AMOCO CHEMICALS CORPORATION
BERKELEY (County), SC

SWF/LF S108237834
N/A

Relative:
Lower

LF:

Mailing Address: Not reported
 Mailing State: Not reported
 Mailing City: Not reported
 Mailing Zip: 0
 Facility ID: IWP-170
 Rate Restriction: Not reported
 Rate Units: Not reported
 Cap Units: Not reported
 Online Data: IWP
 GW Mod Req'd: Not reported
 EQC Region: Low Country
 EQC Region Office: Charleston
 Total Capacity: Not reported
 Status: Not Active
 Class: Not reported
 UTM-E: 607207.250000
 UTM-N: 3646867.250000

Actual:
19 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMOCO CHEMICALS CORPORATION (Continued)

S108237834

Contact Name: Not reported
Contact Phone: Not reported

F28
East
> 1
1.912 mi.
10093 ft.

GE BETZ INC
1074 CLEMENTS FERRY RD
WANDO, SC 29493

RCRA NonGen / NLR

1010331942
SCR000768226

Site 1 of 2 in cluster F

Relative:
Lower

RCRA NonGen / NLR:

Actual:
11 ft.

Date form received by agency: 01/26/2007
Facility name: GE BETZ INC
Facility address: 1074 CLEMENTS FERRY RD
WANDO, SC 29493
EPA ID: SCR000768226
Mailing address: SOMERTON RD
TREROSE, PA 19053
Contact: ROBERT MURPHY
Contact address: SOMERTON RD
TREROSE, PA 19053
Contact country: US
Contact telephone: (215) 953-5679
Contact email: Not reported
EPA Region: 04
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: GE BETZ INC
Owner/operator address: SOMERTON RD
TREROSE, PA 19053
Owner/operator country: US
Owner/operator telephone: (215) 953-5679
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 10/30/2006
Owner/Op end date: Not reported
Owner/operator name: THE EXTRA ATTIC SELF STORAGE LLC
Owner/operator address: CLEMENTS FERRY RD
WANDO, SC 29492
Owner/operator country: US
Owner/operator telephone: (843) 881-4500
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 10/30/2006
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GE BETZ INC (Continued)

1010331942

Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

Historical Generators:

Date form received by agency: 10/30/2006
Site name: GE BETZ INC
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 11/14/2006
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

F29
East
> 1
1.912 mi.
10093 ft.

GE BETZ INC
1074 CLEMENTS FERRY RD
WANDO, SC 29493

Site 2 of 2 in cluster F

FINDS 1010427554
ECHO N/A

Relative:
Lower

FINDS:

Registry ID: 110031284919

Actual:
11 ft.

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:

Envid: 1010427554
Registry ID: 110031284919

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GE BETZ INC (Continued)

1010427554

DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110031284919

30
East
> 1
1.979 mi.
10447 ft.

WANDO LOUNGE
2604 SC-41
CHARLESTON, SC 29492

FINDS **1014834855**
N/A

Relative:
Lower

FINDS:

Registry ID: 110040709221

Actual:
5 ft.

Environmental Interest/Information System
LEAKING UNDERGROUND STORAGE TANK - ARRA

31
East
> 1
2.011 mi.
10617 ft.

WANDO LOUNGE
2601 HWY 41
WANDO, SC 29492

LUST **S109515755**
N/A

Relative:
Lower

LUST:

Release Number: 1
Facility ID: 19449
Release Status Number: 3
Substance: PETROL
Tank Owner Company Name: VILLEPONTEAUX
Tank Owner Last Name: VILLEPONTEAUX
Tank Owner First name: BENNY
NFA Date: 06/12/2012
Tank Owner City: WANDO
Confirmed Date: 01/15/2009
Release Date: 11/24/1999
EID: 46275219
Local Facility District: Charleston EQC Office
SCRBCA Class Number: 2BB
Release Fin Type Code: RSARA
Qualified: N
Release Source: UST
Local Fac Last Name: WANDO LOUNGE
Local Fac First Name: Not reported
User Name: SMITHA2
Cleanup Initiated Date: 09/17/2009
Prefix: N
Total Score: 35.53

LUST:

Release Date: 11/24/1999
Cleanup Complete Date: Not reported
Depth to Ground Water: 4.700
Ground Water Flow Direction: RAD
Release Number: 1
Confirmed date: 01/15/2009
RP Name: ORPHAN PONTEAUX
RP Address: HWY 41
RP City: WANDO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WANDO LOUNGE (Continued)

S109515755

RP State: SC
RP Zip: 29492
SCRBCA Class Code: CLASS2BB
Project Manager: SMITH, ALEXANDER F
Release Fin Type Code: RSARA

G32
WSW
> 1
2.054 mi.
10843 ft.

BLUE WATER 19
1952 CLEMENTS FERRY RD
CHARLESTON, SC

LUST
UST
Financial Assurance

U004018127
N/A

Site 1 of 2 in cluster G

Relative:
Lower

LUST:
Release Number: 1
Facility ID: 17400
Release Status Number: Not reported
Substance: Not reported
Tank Owner Company Name: BMC DISTRIBUTORS OF SC LLC
Tank Owner Last Name: BMC DISTRIBUTORS OF SC LLC
Tank Owner First name: Not reported
NFA Date: 04/04/2012
Tank Owner City: CHARLESTON
Confirmed Date: 04/04/2012
Release Date: 03/28/2012
EID: 81828634
Local Facility District: Charleston EQC Office
SCRBCA Class Number: Not reported
Release Fin Type Code: Not reported
Qualified: Not reported
Release Source: UST
Local Fac Last Name: BLUE WATER 19
Local Fac First Name: Not reported
User Name: PLACEDM
Cleanup Initiated Date: 04/04/2012
Prefix: P
Total Score: Not reported

Actual:
0 ft.

UST:

Facility ID: 17400
Owner: BMC DISTRIBUTORS OF SC LLC
Owner Contact: BMC DISTRIBUTORS OF SC LLC
Owner Address: 78 ASHLEY POINT DR STE 300
Owner City,St,Zip: CHARLESTON, SC 29407
Owner Phone: 843-795-6910
Contact: BLUE WATER 19
Local Facility EID: 399153
Tank Owner EID: 35868100
EID: 1439220
UST Facility EID: 1393941
CF Owner: 17400

Tank ID: 1
Status: **Currently in use**
Capacity: 20000
Product: Multiple Petroleum Products
Calcage: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BLUE WATER 19 (Continued)

U004018127

Tank ID: 2
Status: **Currently in use**
Capacity: 20000
Product: Diesel
Calcage: 0

SC Financial Assurance 3:

Owner Name: BMC DISTRIBUTORS OF SC LLC
Owner Address: 78 ASHLEY POINT DR STE 300
Owner City: CHARLESTON
Owner State: SC
Owner Zip: 29407
Mechanism: Self Insurance 280.101
Date Expired: 05/01/15
Bill: 2
RNU: 0
Rel Number: N

G33
WSW
> 1
2.127 mi.
11233 ft.

CIRCLE K 2723796
1971 CLEMENTS FERRY RD
CHARLESTON, SC
Site 2 of 2 in cluster G

UST **U004107268**
SPILLS **N/A**
Financial Assurance

Relative:
Lower

UST:

Facility ID: 19308
Owner: CIRCLE K STORES INC
Owner Contact: CIRCLE K STORES INC
Owner Address: 2440 WHITEHALL PARK DR STE 800
Owner City,St,Zip: CHARLOTTE, NC 28273
Owner Phone: 704-583-5700
Contact: CIRCLE K 2723796
Local Facility EID: 31225557
Tank Owner EID: 1300919
EID: 31225819
UST Facility EID: 31225709
CF Owner: 19308

Actual:
0 ft.

Tank ID: 1
Status: **Currently in use**
Capacity: 20000
Product: RUL
Calcage: 0

Tank ID: 2
Status: **Currently in use**
Capacity: 20000
Product: Multiple Petroleum Products
Calcage: 0

SPILL:

Incident ID number: 123386650
Incident Name: 201504694
District Logged In: Charleston EQC Office
Date DHEC notified: 10/17/2015
DHEC notification: 1211

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K 2723796 (Continued)

U004107268

Observed date: 10/19/2015
observed Time: 1400
Spill Date: 10/17/2015
Spill Time: 600
Duration: Not reported
Created Date: 10/19/2015
Updated Date: 10/20/2015
District Name: Not reported
PRP Last Name: Not reported
PRP First Name: Not reported
Incident substance type: Oil
Received by Name: RYAN MCDANIEL
Reviewed by Name: MARK WILLIAMS
Transportation: Not reported
Surface water affected: Not reported
Lead Investigator Name: Not reported
CCBEP: No
Water body: Not reported
Caller Last Name: Not reported
Caller name: Not reported
Caller phone number: Not reported
Caller extension: Not reported
Caller organization: Not reported
Substance: Not reported
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Recovered Units: Not reported
Comments: Not reported

SC Financial Assurance 3:

Owner Name: PANTRY INC
Owner Address: 305 GREGSON DR
Owner City: CARY
Owner State: NC
Owner Zip: 27511
Mechanism: Letter of Credit
Date Expired: 03/09/15
Bill: 2
RNU: 0
Rel Number: N

34
ENE
> 1
2.179 mi.
11503 ft.

2710 HWY 41
2710 HWY 41
WANDO, SC 29492

SHWS S118468717
N/A

Relative:
Lower

SHWS:
EPA ID: Not reported

Actual:
15 ft.

Count: 1 records.

ORPHAN SUMMARY

<u>City</u>	<u>EDR ID</u>	<u>Site Name</u>	<u>Site Address</u>	<u>Zip</u>	<u>Database(s)</u>
WANDO	U004017137	AMOCO CHEMICALS CO	HWY 98 CLEMENTS FERRY RD	29492	LUST, UST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: N/A
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/05/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: N/A
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/05/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: N/A
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/05/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 09/14/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/04/2016	Telephone: 703-603-8704
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 10/04/2016
Number of Days to Update: 17	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: 800-424-9346
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/20/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/30/2017
	Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: 800-424-9346
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/20/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/30/2017
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/27/2016	Source: EPA
Date Data Arrived at EDR: 06/30/2016	Telephone: 800-424-9346
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (404) 562-8651
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (404) 562-8651
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (404) 562-8651
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (404) 562-8651
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 05/28/2015	Source: Department of the Navy
Date Data Arrived at EDR: 05/29/2015	Telephone: 843-820-7326
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 10/14/2016
Number of Days to Update: 13	Next Scheduled EDR Contact: 11/28/2016
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 05/09/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/01/2016	Telephone: 703-603-0695
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 08/31/2016
Number of Days to Update: 93	Next Scheduled EDR Contact: 12/12/2016
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 05/09/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/01/2016	Telephone: 703-603-0695
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 08/31/2016
Number of Days to Update: 93	Next Scheduled EDR Contact: 12/12/2016
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/28/2016
Date Data Arrived at EDR: 03/30/2016
Date Made Active in Reports: 05/20/2016
Number of Days to Update: 51

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/29/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Site Assessment Section Project List

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

Date of Government Version: 06/28/2016
Date Data Arrived at EDR: 06/30/2016
Date Made Active in Reports: 09/01/2016
Number of Days to Update: 63

Source: Department of Health and Environmental Control
Telephone: 803-898-0835
Last EDR Contact: 09/12/2016
Next Scheduled EDR Contact: 12/26/2016
Data Release Frequency: Annually

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

SWF/LF: Permitted Landfills 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: 06/13/2016
Date Data Arrived at EDR: 06/14/2016
Date Made Active in Reports: 09/01/2016
Number of Days to Update: 79

Source: Department of Health and Environmental Control
Telephone: 803-734-5165
Source: Department of Health and Environmental Control, GIS Section
Telephone: 803-896-4084
Last EDR Contact: 09/12/2016
Next Scheduled EDR Contact: 12/26/2016
Data Release Frequency: Varies

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank List

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: 08/05/2016
Date Data Arrived at EDR: 08/15/2016
Date Made Active in Reports: 09/12/2016
Number of Days to Update: 28

Source: Department of Health and Environmental Control
Telephone: 803-898-4350
Last EDR Contact: 09/12/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Quarterly

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/17/2016
Date Data Arrived at EDR: 04/27/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 37

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 10/28/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 01/07/2016	Source: EPA Region 10
Date Data Arrived at EDR: 01/08/2016	Telephone: 206-553-2857
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 41	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 02/25/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/27/2016	Telephone: 415-972-3372
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

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

Date of Government Version: 10/13/2015	Source: EPA Region 8
Date Data Arrived at EDR: 10/23/2015	Telephone: 303-312-6271
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 118	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

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

Date of Government Version: 10/09/2015	Source: EPA Region 7
Date Data Arrived at EDR: 02/12/2016	Telephone: 913-551-7003
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 112	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 12/11/2015	Source: EPA Region 6
Date Data Arrived at EDR: 02/19/2016	Telephone: 214-665-6597
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 105	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 02/05/2016	Source: EPA Region 4
Date Data Arrived at EDR: 04/29/2016	Telephone: 404-562-8677
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/27/2015	Source: EPA Region 1
Date Data Arrived at EDR: 10/29/2015	Telephone: 617-918-1313
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 67	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 10/11/2016
Number of Days to Update: 55	Next Scheduled EDR Contact: 01/23/2017
	Data Release Frequency: Varies

UST: Comprehensive Underground Storage Tanks

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

Date of Government Version: 05/20/2016	Source: Department of Health and Environmental Control
Date Data Arrived at EDR: 06/02/2016	Telephone: 803-896-7957
Date Made Active in Reports: 07/12/2016	Last EDR Contact: 09/12/2016
Number of Days to Update: 40	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

AST: Aboveground Storage Tank List

Registered Aboveground Storage Tanks.

Date of Government Version: 03/25/2004	Source: Department of Health and Environmental Control
Date Data Arrived at EDR: 08/04/2004	Telephone: 803-898-4350
Date Made Active in Reports: 09/23/2004	Last EDR Contact: 08/29/2016
Number of Days to Update: 50	Next Scheduled EDR Contact: 12/12/2016
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/25/2016	Source: EPA Region 9
Date Data Arrived at EDR: 04/27/2016	Telephone: 415-972-3368
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/06/2017
	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: 01/07/2016	Source: EPA Region 10
Date Data Arrived at EDR: 01/08/2016	Telephone: 206-553-2857
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 41	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 01/26/2016	Source: EPA Region 8
Date Data Arrived at EDR: 02/05/2016	Telephone: 303-312-6137
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 119	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 09/23/2014	Source: EPA Region 7
Date Data Arrived at EDR: 11/25/2014	Telephone: 913-551-7003
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 10/28/2016
Number of Days to Update: 65	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 12/03/2015	Source: EPA Region 6
Date Data Arrived at EDR: 02/04/2016	Telephone: 214-665-7591
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 120	Next Scheduled EDR Contact: 02/06/2017
	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: 11/05/2015	Source: EPA Region 5
Date Data Arrived at EDR: 11/13/2015	Telephone: 312-886-6136
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/20/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 10/29/2015	Telephone: 617-918-1313
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 67	Next Scheduled EDR Contact: 02/06/2017
	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: 02/05/2016	Source: EPA Region 4
Date Data Arrived at EDR: 04/29/2016	Telephone: 404-562-9424
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Semi-Annually

State and tribal institutional control / engineering control registries

RCR: Registry of Conditional Remedies

The Bureau of Land and Waste Management established this Registry to help monitor and maintain sites that have conditional remedies. A Conditional Remedy is an environmental remedy that includes certain qualifications. These qualifications are divided into two major categories: Remedies requiring Land Use Controls and Conditional No Further Actions.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/19/2012
Date Data Arrived at EDR: 09/20/2012
Date Made Active in Reports: 10/22/2012
Number of Days to Update: 32

Source: Department of Health & Environmental Control
Telephone: 803-896-4000
Last EDR Contact: 09/12/2016
Next Scheduled EDR Contact: 12/26/2016
Data Release Frequency: Varies

AUL: Land Use Controls

The term Land Use Controls or "LUCs" encompass institutional controls, such as those involved in real estate interests, governmental permitting, zoning, public advisories, deed notices, and other legal restrictions. The term also includes restrictions on access, whether achieved by means of engineered barriers (e.g., fence or concrete pad) or by human means (e.g., the presence of security guards). Additionally, the term includes both affirmative measures to achieve the desired restrictions (e.g., night lighting of an area) and prohibitive directives (e.g., restrictions on certain types of wells for the duration of the corrective action). Considered altogether, the LUCs for a facility will provide a tool for how the property should be used in order to maintain the level of protectiveness that one or more corrective actions were designed to achieve.

Date of Government Version: 06/14/2016
Date Data Arrived at EDR: 06/15/2016
Date Made Active in Reports: 09/01/2016
Number of Days to Update: 78

Source: Department of Health & Environmental Control
Telephone: 803-896-4049
Last EDR Contact: 09/15/2016
Next Scheduled EDR Contact: 12/26/2016
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Sites

Sites participating in the Voluntary Cleanup Program. Once staff and a non-responsible party have agreed upon an approved scope of work for a site investigation and/or remediation, the party enters into a voluntary cleanup contract. Staff oversees the cleanup efforts to ensure that activities are performed to our satisfaction. Upon completion of the negotiated work in the voluntary cleanup contract, the non-responsible party receives State Superfund liability protection.

Date of Government Version: 02/26/2016
Date Data Arrived at EDR: 03/16/2016
Date Made Active in Reports: 06/01/2016
Number of Days to Update: 77

Source: Department of Health and Environmental Control
Telephone: 803-896-4049
Last EDR Contact: 09/26/2016
Next Scheduled EDR Contact: 12/26/2016
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: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 09/26/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

Date of Government Version: 03/20/2008
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

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Sites Listing

The Brownfields component of the Voluntary Cleanup Program allows a non-responsible party to acquire a contaminated property with State Superfund liability protection for existing contamination by agreeing to perform an environmental assessment and/or remediation.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/26/2016
Date Data Arrived at EDR: 03/16/2016
Date Made Active in Reports: 06/01/2016
Number of Days to Update: 77

Source: Department of Health & Environmental Control
Telephone: 803-896-4069
Last EDR Contact: 09/26/2016
Next Scheduled EDR Contact: 12/26/2016
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 06/21/2016
Date Data Arrived at EDR: 06/22/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 72

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/21/2016
Next Scheduled EDR Contact: 01/02/2017
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Solid Waste Recycling Facilities

A listing of recycling center locations.

Date of Government Version: 01/27/2016
Date Data Arrived at EDR: 03/04/2016
Date Made Active in Reports: 04/01/2016
Number of Days to Update: 28

Source: Department of Health & Environmental Control
Telephone: 803-896-8985
Last EDR Contact: 08/29/2016
Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: Varies

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

Location of open dumps on Indian land.

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

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/31/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/24/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

IHS OPEN DUMPS: Open Dumps on Indian Land

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

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

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 11/04/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 08/31/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 17

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/31/2016
Next Scheduled EDR Contact: 10/10/2016
Data Release Frequency: No Update Planned

ALLSITES: Site Assessment & Remediation Public Record Database

The South Carolina Department of Health and Environmental Control is pleased to have the Public Record for your review. The purpose of this database is two-fold. First, it will provide to communities another form of notice of cleanup activity, allowing them to have more information about assessment and cleanup activities in their area and in the State. Second, it can assist those seeking to redevelop brownfield properties within South Carolina.

Date of Government Version: 06/14/2016
Date Data Arrived at EDR: 06/15/2016
Date Made Active in Reports: 09/01/2016
Number of Days to Update: 78

Source: Department of Health & Environmental Control
Telephone: 803-896-4000
Last EDR Contact: 09/15/2016
Next Scheduled EDR Contact: 12/26/2016
Data Release Frequency: Quarterly

CDL: Clandestine Drug Lab Sites

A listing of clandestine drug lab site locations.

Date of Government Version: 01/24/2012
Date Data Arrived at EDR: 01/26/2012
Date Made Active in Reports: 02/24/2012
Number of Days to Update: 29

Source: Department of Health & Environmental Control
Telephone: 803-896-4288
Last EDR Contact: 09/06/2016
Next Scheduled EDR Contact: 12/19/2016
Data Release Frequency: Varies

CDL 2: Clandestine Drug Lab Listing

A listing of clandestine drug lab site locations.

Date of Government Version: 06/06/2016
Date Data Arrived at EDR: 07/05/2016
Date Made Active in Reports: 09/01/2016
Number of Days to Update: 58

Source: South Carolina Law Enforcement Division
Telephone: 803-896-7136
Last EDR Contact: 09/12/2016
Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: Varies

US CDL: Clandestine Drug Labs

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 17

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/31/2016
Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: Quarterly

Local Land Records

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 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: 10/28/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 06/27/2016
Date Data Arrived at EDR: 06/28/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 87

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/27/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Annually

SPILLS: Spill List

Spills and releases of petroleum and hazardous chemicals reported to the Oil & Chemical Emergency Response division.

Date of Government Version: 08/12/2016
Date Data Arrived at EDR: 08/15/2016
Date Made Active in Reports: 09/12/2016
Number of Days to Update: 28

Source: Department of Health and Environmental Control
Telephone: 803-898-4111
Last EDR Contact: 05/31/2016
Next Scheduled EDR Contact: 09/12/2016
Data Release Frequency: Varies

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 10/25/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/07/2013
Number of Days to Update: 63

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 03/26/2001
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/07/2013
Number of Days to Update: 63

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Other Ascertainable Records

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

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/30/2016	Telephone: (404) 562-8651
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Varies

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 07/08/2015	Telephone: 202-528-4285
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 09/09/2016
Number of Days to Update: 97	Next Scheduled EDR Contact: 12/19/2016
	Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/14/2016
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/23/2017
	Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/14/2016
Number of Days to Update: 339	Next Scheduled EDR Contact: 01/23/2017
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 03/07/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2011	Telephone: 615-532-8599
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 10/20/2016
Number of Days to Update: 54	Next Scheduled EDR Contact: 11/28/2016
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/17/2016	Telephone: 202-566-1917
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 08/17/2016
Number of Days to Update: 65	Next Scheduled EDR Contact: 11/28/2016
	Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

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

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 11/08/2016
Number of Days to Update: 88	Next Scheduled EDR Contact: 02/20/2017
	Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 04/22/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/03/2015	Telephone: 703-308-4044
Date Made Active in Reports: 03/09/2015	Last EDR Contact: 09/06/2016
Number of Days to Update: 6	Next Scheduled EDR Contact: 11/21/2016
	Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2012	Source: EPA
Date Data Arrived at EDR: 01/15/2015	Telephone: 202-260-5521
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 09/23/2016
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/02/2017
	Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2014	Source: EPA
Date Data Arrived at EDR: 11/24/2015	Telephone: 202-566-0250
Date Made Active in Reports: 04/05/2016	Last EDR Contact: 08/26/2016
Number of Days to Update: 133	Next Scheduled EDR Contact: 12/05/2016
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 10/24/2016
Number of Days to Update: 77	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Annually

ROD: Records Of Decision

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

Date of Government Version: 11/25/2013	Source: EPA
Date Data Arrived at EDR: 12/12/2013	Telephone: 703-416-0223
Date Made Active in Reports: 02/24/2014	Last EDR Contact: 09/09/2016
Number of Days to Update: 74	Next Scheduled EDR Contact: 12/19/2016
	Data Release Frequency: Annually

RMP: Risk Management Plans

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

Date of Government Version: 05/01/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/26/2016	Telephone: 202-564-8600
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 07/25/2016
Number of Days to Update: 99	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 11/07/2016
Number of Days to Update: 3	Next Scheduled EDR Contact: 02/20/2017
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/20/2016	Source: EPA
Date Data Arrived at EDR: 04/28/2016	Telephone: 202-566-0500
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 10/14/2016
Number of Days to Update: 127	Next Scheduled EDR Contact: 01/23/2017
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 07/27/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/05/2016	Telephone: 202-564-5088
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 10/11/2016
Number of Days to Update: 77	Next Scheduled EDR Contact: 01/23/2017
	Data Release Frequency: Quarterly

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

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/17/2016
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/05/2016
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/17/2016
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/05/2016
	Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System

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

Date of Government Version: 08/30/2016	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/08/2016	Telephone: 301-415-7169
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 11/07/2016
Number of Days to Update: 43	Next Scheduled EDR Contact: 02/20/2017
	Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

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

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 09/09/2016
Number of Days to Update: 76	Next Scheduled EDR Contact: 12/19/2016
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

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

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 09/06/2016
Number of Days to Update: 40	Next Scheduled EDR Contact: 12/19/2016
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 10/28/2016
Number of Days to Update: 83	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

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

Date of Government Version: 10/03/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/05/2016	Telephone: 202-343-9775
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 10/05/2016
Number of Days to Update: 16	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

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

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

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 11/02/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 03/31/2016
Date Data Arrived at EDR: 08/01/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 53

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 09/26/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 09/30/2015
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 08/26/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/14/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

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

Date of Government Version: 07/21/2016
Date Data Arrived at EDR: 07/26/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 59

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 11/08/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

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

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: 09/09/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 03/07/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/07/2016	Telephone: 703-603-8787
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 10/20/2016
Number of Days to Update: 148	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

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

Date of Government Version: 04/05/2001	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

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

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

Date of Government Version: 06/30/2016	Source: EPA
Date Data Arrived at EDR: 07/25/2016	Telephone: 202-564-2496
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 09/26/2016
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 06/30/2016	Source: EPA
Date Data Arrived at EDR: 07/25/2016	Telephone: 202-564-2496
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 09/26/2016
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Annually

US MINES: Mines Master Index File

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

Date of Government Version: 08/05/2016	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 09/01/2016	Telephone: 303-231-5959
Date Made Active in Reports: 09/23/2016	Last EDR Contact: 09/01/2016
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/12/2016
	Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

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

Date of Government Version: 12/05/2005	Source: USGS
Date Data Arrived at EDR: 02/29/2008	Telephone: 703-648-7709
Date Made Active in Reports: 04/18/2008	Last EDR Contact: 09/02/2016
Number of Days to Update: 49	Next Scheduled EDR Contact: 12/12/2016
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US MINES 3: Active Mines & Mineral Plants Database Listing

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

Date of Government Version: 04/14/2011	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 09/02/2016
Number of Days to Update: 97	Next Scheduled EDR Contact: 12/12/2016
	Data Release Frequency: Varies

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 07/20/2015	Source: EPA
Date Data Arrived at EDR: 09/09/2015	Telephone: (404) 562-9900
Date Made Active in Reports: 11/03/2015	Last EDR Contact: 09/07/2016
Number of Days to Update: 55	Next Scheduled EDR Contact: 12/19/2016
	Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2015	Source: Department of Defense
Date Data Arrived at EDR: 01/29/2016	Telephone: 571-373-0407
Date Made Active in Reports: 04/05/2016	Last EDR Contact: 10/17/2016
Number of Days to Update: 67	Next Scheduled EDR Contact: 01/30/2017
	Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

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

Date of Government Version: 06/02/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/03/2016	Telephone: 202-564-0527
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 08/24/2016
Number of Days to Update: 91	Next Scheduled EDR Contact: 12/12/2016
	Data Release Frequency: Varies

AIRS: Permitted Airs Facility Listing

A listing of permitted airs facilities.

Date of Government Version: 12/31/2015	Source: Department of Health & Environmental Control
Date Data Arrived at EDR: 06/07/2016	Telephone: 803-898-4279
Date Made Active in Reports: 07/12/2016	Last EDR Contact: 08/19/2016
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/12/2016
	Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites

A listing of sites with coal ash ponds.

Date of Government Version: 01/20/2016	Source: Department of Health & Environmental Control
Date Data Arrived at EDR: 01/29/2016	Telephone: 803-898-3964
Date Made Active in Reports: 04/01/2016	Last EDR Contact: 10/03/2016
Number of Days to Update: 63	Next Scheduled EDR Contact: 01/02/2017
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DRYCLEANERS: Drycleaner Database

The Drycleaning Facility Restoration Trust Fund database is used to access, prioritize and cleanup contaminated registered drycleaning sites.

Date of Government Version: 01/01/2016	Source: Department of Health & Environmental Control
Date Data Arrived at EDR: 02/03/2016	Telephone: 803-898-3882
Date Made Active in Reports: 04/01/2016	Last EDR Contact: 11/04/2016
Number of Days to Update: 58	Next Scheduled EDR Contact: 02/13/2017
	Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/17/2016	Source: Department of Health & Environmental Control
Date Data Arrived at EDR: 08/24/2016	Telephone: 803-896-4067
Date Made Active in Reports: 09/01/2016	Last EDR Contact: 09/12/2016
Number of Days to Update: 8	Next Scheduled EDR Contact: 12/26/2016
	Data Release Frequency: Quarterly

Financial Assurance 2: Financial Assurance Information Listing

Hazardous waste financial assurance information.

Date of Government Version: 06/21/2016	Source: Department of Health & Environmental Control
Date Data Arrived at EDR: 06/28/2016	Telephone: 803-898-3880
Date Made Active in Reports: 09/01/2016	Last EDR Contact: 09/12/2016
Number of Days to Update: 65	Next Scheduled EDR Contact: 12/26/2016
	Data Release Frequency: Varies

Financial Assurance 3: Financial Assurance Information Listing

UST financial assurance information.

Date of Government Version: 03/05/2015	Source: Department of Health & Environmental Control
Date Data Arrived at EDR: 03/06/2015	Telephone: 803-898-3880
Date Made Active in Reports: 03/17/2015	Last EDR Contact: 08/29/2016
Number of Days to Update: 11	Next Scheduled EDR Contact: 12/12/2016
	Data Release Frequency: Varies

GWCI: Groundwater Contamination Inventory

An inventory of all groundwater contamination cases in the state.

Date of Government Version: 07/01/2008	Source: Department of Health and Environmental Control
Date Data Arrived at EDR: 11/06/2008	Telephone: 803-898-3798
Date Made Active in Reports: 11/19/2008	Last EDR Contact: 09/23/2016
Number of Days to Update: 13	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Annually

NPDES: Waste Water Treatment Facilities Listing

A listing of waste water treatment facility locations.

Date of Government Version: 08/28/2015	Source: Department of Health & Environmental Control
Date Data Arrived at EDR: 09/03/2015	Telephone: 803-898-4300
Date Made Active in Reports: 11/11/2015	Last EDR Contact: 09/26/2016
Number of Days to Update: 69	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

UIC: Underground Injection Wells Listing

A listing of underground injection wells locations.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/15/2016
Date Data Arrived at EDR: 08/12/2016
Date Made Active in Reports: 09/01/2016
Number of Days to Update: 20

Source: Department of Health & Environmental Control
Telephone: 803-898-3799
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 09/18/2016
Date Data Arrived at EDR: 09/20/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 09/20/2016
Next Scheduled EDR Contact: 01/02/2017
Data Release Frequency: Quarterly

ABANDONED MINES: Abandoned Mines

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

Date of Government Version: 06/09/2016
Date Data Arrived at EDR: 06/13/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 81

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/12/2016
Next Scheduled EDR Contact: 12/26/2016
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

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

Date of Government Version: 08/22/2016
Date Data Arrived at EDR: 08/23/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 59

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/23/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR Hist Auto: EDR Exclusive Historic Gas Stations

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

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

EDR Hist Cleaner: 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	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: 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 Health and Environmental Control in South Carolina.

Date of Government Version: N/A	Source: Department of Health and Environmental Control
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/03/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 186	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 Health and Environmental Control in South Carolina.

Date of Government Version: N/A	Source: Department of Health and Environmental Control
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/15/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 198	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 Health and Environmental Control in South Carolina.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 Health and Environmental Control
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.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/10/2016
Next Scheduled EDR Contact: 11/28/2016
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/17/2015
Date Made Active in Reports: 08/12/2015
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/12/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 08/01/2016
Date Data Arrived at EDR: 08/03/2016
Date Made Active in Reports: 09/09/2016
Number of Days to Update: 37

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/02/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/24/2015
Date Made Active in Reports: 08/18/2015
Number of Days to Update: 25

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/14/2016
Next Scheduled EDR Contact: 01/30/2017
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 09/20/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 04/14/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 50

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/12/2016
Next Scheduled EDR Contact: 12/26/2016
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

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

Electric Power Transmission Line Data

Source: PennWell Corporation

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

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

AHA Hospitals:

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

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

Medical Centers: Provider of Services Listing

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

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

Nursing Homes

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

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

Public Schools

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

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

Private Schools

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

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

Daycare Centers: Child Day Care List

Source: Department of Social Services
Telephone: 803-898-7345

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

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

State Wetlands Data: Wetlands Inventory
Source: Department of Natural Resources
Telephone: 803-734-9494

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

STREET AND ADDRESS INFORMATION

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**APPENDIX E
CREDENTIALS**

JOSEPH ANDREW (ANDY) RUOCCO, LEED AP BD+C

ENVIRONMENTAL DEPARTMENT MANAGER

PROFESSIONAL EXPERIENCE

Mr. Ruocco is an Environmental Department Manager with 12 years of professional experience; eight of which have been in Terracon's Charleston, South Carolina office. Project duties include National Environmental Policy Act (NEPA) Documentation, Environmental Site Assessments (ESA), Subsurface Site Investigations, Natural Resources Permitting, Environmental Permitting and Regulatory Compliance, Soil & Groundwater Remediation, Environmental Risk Assessments, Noise Surveys, Industrial Hygiene and Indoor Air Quality Assessments, client management, and technical report writing.

PROJECT EXPERIENCE

Site Assessment Experience

Project Manager for numerous Phase I and Phase II ESA projects for a varied client base including lending institutions, insurance companies, law firms, and private industrial entities using American Society for Testing and Materials (ASTM) and client-specific due diligence guidelines.

Example properties assessed include due diligence assessments at sites ranging from urban environments to rural areas on a wide variety of facilities including: former bulk petroleum storage and distribution facilities; turn-of-the century mills and factories; industrial steel production facilities; automotive dealerships with large-scale repair facilities, automotive and equipment service and fueling facilities; full-service dry cleaning facilities; electroplating facilities; textile manufacturing and painting facilities; large warehousing and distribution centers; hospitals; and large land parcels.

Remediation & Regulatory Reporting Experience

Remediation and regulatory compliance experience for multiple sites throughout South Carolina. Responsible for conducting soil and groundwater assessments, semi-annual groundwater assessment monitoring, determining risk-based remediation goals for soil and groundwater related to contamination required under South Carolina laws. Preparation Corrective Action Plans (CAPs) to include design and installation of soil and groundwater remediation systems.

Indoor Air Quality And Asbestos And Lead Based Paint Experience

Project Manager for numerous IAQ and asbestos/lead based paint projects for a varied client base including commercial and residential properties. Example properties assessed include due diligence assessments at sites ranging from urban environments to rural areas on a wide variety of facilities including: converted turn-of-the century mills and factory buildings; industrial facilities; hospitals; high-end multi-family residential developments, commercial office structures, office buildings.

Regulatory Compliance

Project Manager for numerous SWPPP (construction and industrial) and SPCC projects for a varied client base.

Contact

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Education

Master of Science, Environmental Science, College of Charleston, 2007

Bachelor of Science, Biological Sciences, University of South Carolina, College of Science and Mathematics, 2000

Registrations

SC Licensed Well Driller

LEED Accredited Professional.

SC Licensed Asbestos Building Inspector

Certified Erosion Prevention Sediment Control Inspector

Certifications

40 Hour HAZWOPER

10 Hour OSHA Construction Certification

Affiliations

Indoor Air Quality Association

ACEC-SC

USGBC Member

Work History

*Terracon Consultants, Inc.,
N. Charleston, SC
Environmental Department
Manager,
2005-Present*

*South Carolina Department of
Health and Environmental Control
Columbia, SC
Environmental Manager I,
2001-2005*

APPENDIX F
DESCRIPTION OF TERMS AND ACRONYMS

Description of Selected General Terms and Acronyms

Term/Acronym	Description
ACM	<p>Asbestos Containing Material. Asbestos is a naturally occurring mineral, three varieties of which (chrysotile, amosite, crocidolite) have been commonly used as fireproofing or binding agents in construction materials. Exposure to asbestos, as well as ACM, has been documented to cause lung diseases including asbestosis (scarring of the lung), lung cancer and mesothelioma (a cancer of the lung lining).</p> <p>Regulatory agencies have generally defined ACM as a material containing greater than one (1) percent asbestos, however some states (e.g. California) define ACM as materials having 0.1% asbestos. In order to define a homogenous material as non-ACM, a minimum number of samples must be collected from the material dependent upon its type and quantity. Homogenous materials defined as non-ACM must either have 1) no asbestos identified in all of its samples or 2) an identified asbestos concentration below the appropriate regulatory threshold. Asbestos concentrations are generally determined using polarized light microscopy or transmission electron microscopy. Point counting is an analytical method to statistically quantify the percentage of asbestos in a sample. The asbestos component of ACM may either be friable or non-friable. Friable materials, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure and have a higher potential for a fiber release than non-friable ACM. Non-friable ACM are materials that are firmly bound in a matrix by plastic, cement, etc. and, if handled carefully, will not become friable.</p> <p>Federal and state regulations require that either all suspect building materials be presumed ACM or that an asbestos survey be performed prior to renovation, dismantling, demolition, or other activities that may disturb potential ACM. Notifications are required prior to demolition and/or renovation activities that may impact the condition of ACM in a building. ACM removal may be required if the ACM is likely to be disturbed or damaged during the demolition or renovation. Abatement of friable or potentially friable ACM must be performed by a licensed abatement contractor in accordance with state rules and NESHAP. Additionally, OSHA regulations for work classification, worker training and worker protection will apply.</p>
AHERA	Asbestos Hazard Emergency Response Act
AST	Aboveground Storage Tanks. ASTs are generally described as storage tanks less than 10% of which are below ground (i.e., buried). Tanks located in a basement, but not buried, are also considered ASTs. Whether, and the extent to which, an AST is regulated, is determined on a case-by-case basis and depends upon tank size, its contents and the jurisdiction of its location.
BGS	Below Ground Surface
Brownfields	State and/or tribal listing of Brownfield properties addressed by Cooperative Agreement Recipients or Targeted Brownfields Assessments.
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes. BTEX are VOC components found in gasoline and commonly used as analytical indicators of a petroleum hydrocarbon release.
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act (a.k.a. Superfund). CERCLA is the federal act that regulates abandoned or uncontrolled hazardous waste sites. Under this Act, joint and several liability may be imposed on potentially responsible parties for cleanup-related costs.
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System. An EPA compilation of sites having suspected or actual releases of hazardous substances to the environment. CERCLIS also contains information on site inspections, preliminary assessments and remediation of hazardous waste sites. These sites are typically reported to EPA by states and municipalities or by third parties pursuant to CERCLA Section 103.
CESQG	Conditionally Exempt Small Quantity Generators
CFR	Code of Federal Regulations

Description of Selected General Terms and Acronyms

Term/Acronym	Description
CREC	Controlled Recognized Environmental Condition is defined in ASTM E1527-13 as “a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority) , with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). A condition considered by the environmental professional to be a controlled recognized environmental condition shall be listed in the findings section of the Phase I Environmental Site Assessment report, and as a recognized environmental condition in the conclusions section of the Phase I Environmental Site Assessment report.”
DOT	U.S. Department of Transportation
EPA	U.S. Environmental Protection Agency
ERNS	Emergency Response Notification System. An EPA-maintained federal database which stores information on notifications of oil discharges and hazardous substance releases in quantities greater than the applicable reportable quantity under CERCLA. ERNS is a cooperative data-sharing effort between EPA, DOT, and the National Response Center.
ESA	Environmental Site Assessment
FRP	Fiberglass Reinforced Plastic
Hazardous Substance	As defined under CERCLA, this is (A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title; (C) any hazardous waste having characteristics identified under or listed pursuant to section 3001 of the Solid Waste Disposal Act (with some exclusions); (D) any toxic pollutant listed under section 1317(a) of Title 33; (E) any hazardous air pollutant listed under section 112 of the Clean Air Act; and (F) any imminently hazardous chemical substance or mixture with respect to which the EPA Administrator has taken action under section 2606 of Title 15. This term does not include petroleum, including crude oil or any fraction thereof which is not otherwise listed as a hazardous substance under subparagraphs (A) through (F) above, and the term include natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).
Hazardous Waste	This is defined as having characteristics identified or listed under section 3001 of the Solid Waste Disposal Act (with some exceptions). RCRA, as amended by the Solid Waste Disposal Act of 1980, defines this term as a “solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may (A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible illness; or (B) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed.”
HREC	Historical Recognized Environmental Condition is defined in ASTM E1527-13 as “a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted residential use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a historical recognized environmental condition, the environmental professional must determine whether the past release is a recognized environmental condition at the time of the Phase I Environmental Site Assessment is conducted (for example, if there has been a change in the regulatory criteria). If the EP considers the past release to be a recognized environmental condition at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a recognized environmental condition.”
IC/EC	A listing of sites with institutional and/or engineering controls in place. IC include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls. EC include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.
ILP	Innocent Landowner/Operator Program
LQG	Large Quantity Generators
LUST	Leaking Underground Storage Tank. This is a federal term set forth under RCRA for leaking USTs. Some states also utilize this term.

Description of Selected General Terms and Acronyms

Term/Acronym	Description
MCL	Maximum Contaminant Level. This Safe Drinking Water concept (and also used by many states as a ground water cleanup criteria) refers to the limit on drinking water contamination that determines whether a supplier can deliver water from a specific source without treatment.
MSDS	Material Safety Data Sheets. Written/printed forms prepared by chemical manufacturers, importers and employers which identify the physical and chemical traits of hazardous chemicals under OSHA's Hazard Communication Standard.
NESHAP	National Emissions Standard for Hazardous Air Pollutants (Federal Clean Air Act). This part of the Clean Air Act regulates emissions of hazardous air pollutants.
NFRAP	Facilities where there is "No Further Remedial Action Planned," as more particularly described under the Records Review section of this report.
NOV	Notice of Violation. A notice of violation or similar citation issued to an entity, company or individual by a state or federal regulatory body indicating a violation of applicable rule or regulations has been identified.
NPDES	National Pollutant Discharge Elimination System (Clean Water Act). The federal permit system for discharges of polluted water.
NPL	The NPL is the EPA's database of uncontrolled or abandoned hazardous waste facilities that have been listed for priority remedial actions under the Superfund Program.
OSHA	Occupational Safety and Health Administration or Occupational Safety and Health Act
PACM	Presumed Asbestos-Containing Material. A material that is suspected of containing or presumed to contain asbestos but which has not been analyzed to confirm the presence or absence of asbestos.
PCB	Polychlorinated Biphenyl. A halogenated organic compound commonly in the form of a viscous liquid or resin, a flowing yellow oil, or a waxy solid. This compound was historically used as dielectric fluid in electrical equipment (such as electrical transformers and capacitors, electrical ballasts, hydraulic and heat transfer fluids), and for numerous heat and fire sensitive applications. PCB was preferred due to its durability, stability (even at high temperatures), good chemical resistance, low volatility, flammability, and conductivity. PCBs, however, do not break down in the environment and are classified by the EPA as a suspected carcinogen. 1978 regulations, under the Toxic Substances Control Act, prohibit manufacturing of PCB-containing equipment; however, some of this equipment may still be in use today.
pCi/L	picoCuries per Liter of Air. Unit of measurement for Radon and similar radioactive materials.
PLM	Polarized Light Microscopy (see ACM section of the report, if included in the scope of services)
PST	Petroleum Storage Tank. An AST or UST that contains a petroleum product.
Radon	A radioactive gas resulting from radioactive decay of naturally-occurring radioactive materials in rocks and soils containing uranium, granite, shale, phosphate, and pitchblende. Radon concentrations are measured in picoCuries per Liter of Air. Exposure to elevated levels of radon creates a risk of lung cancer; this risk generally increases as the level of radon and the duration of exposure increases. Outdoors, radon is diluted to such low concentrations that it usually does not present a health concern. However, radon can accumulate in building basements or similar enclosed spaces to levels that can pose a risk to human health. Indoor radon concentrations depend primarily upon the building's construction, design and the concentration of radon in the underlying soil and ground water. The EPA recommended annual average indoor "action level" concentration for residential structures is 4.0 pCi/l.
RCRA	Resource Conservation and Recovery Act. Federal act regulating solid and hazardous wastes from point of generation to time of disposal ("cradle to grave"). 42 U.S.C. 6901 et seq.
RCRA Generators	The RCRA Generators database, maintained by the EPA, lists facilities that generate hazardous waste as part of their normal business practices. Generators are listed as either large (LQG), small (SQG), or conditionally exempt (CESQG). LQG produce at least 1000 kg/month of non-acutely hazardous waste or 1 kg/month of acutely hazardous waste. SQG produce 100-1000 kg/month of non-acutely hazardous waste. CESQG are those that generate less than 100 kg/month of non-acutely hazardous waste.
RCRA CORRACTS/TS Ds	The USEPA maintains a database of RCRA facilities associated with treatment, storage, and disposal (TSD) of hazardous materials which are undergoing "corrective action". A "corrective action" order is issued when there is a release of hazardous waste or constituents into the environment from a RCRA facility.
RCRA Non-CORRACTS/TS Ds	The RCRA Non-CORRACTS/TSD Database is a compilation by the USEPA of facilities which report storage, transportation, treatment, or disposal of hazardous waste. Unlike the RCRA CORRACTS/TSD database, the RCRA Non-CORRACTS/TSD database does not include RCRA facilities where corrective action is required.

Description of Selected General Terms and Acronyms

Term/Acronym	Description
RCRA Violators List	RAATS. RCRA Administrative Actions Taken. RAATS information is now contained in the RCRIS database and includes records of administrative enforcement actions against facilities for noncompliance.
RCRIS	Resource Conservation and Recovery Information System, as defined in the Records Review section of this report.
REC	Recognized Environmental Conditions are defined by ASTM E1527-13 as “the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: 1) due to any release to the environment; 2) under conditions indicative of a release to the environment. <i>De minimis</i> conditions are not recognized environmental conditions.”
SCL	State “CERCLIS” List (see SPL /State Priority List, below).
SPCC	Spill Prevention, Control and Countermeasures. SPCC plans are required under federal law (Clean Water Act and Oil Pollution Act) for any facility storing petroleum in tanks and/or containers of 55-gallons or more that when taken in aggregate exceed 1,320 gallons. SPCC plans are also required for facilities with underground petroleum storage tanks with capacities of over 42,000 gallons. Many states have similar spill prevention programs, which may have additional requirements.
SPL	State Priority List. State list of confirmed sites having contamination in which the state is actively involved in clean up activities or is actively pursuing potentially responsible parties for clean up. Sometimes referred to as a State “CERCLIS” List.
SQG	Small Quantity Generator
SWF/LF	State and/or Tribal database of Solid Waste/Landfill facilities. The database information may include the facility name, class, operation type, area, estimated operational life, and owner.
TPH	Total Petroleum Hydrocarbons
TRI	Toxic Release Inventory. Routine EPA report on releases of toxic chemicals to the environment based upon information submitted by entities subject to reporting under the Emergency Planning and Community Right to Know Act.
TSCA	Toxic Substances Control Act. A federal law regulating manufacture, import, processing and distribution of chemical substances not specifically regulated by other federal laws (such as asbestos, PCBs, lead-based paint and radon). 15 U.S.C 2601 et seq.
USACE	United States Army Corps of Engineers
USC	United States Code
USGS	United States Geological Survey
USNRCS	United States Department of Agriculture-Natural Resource Conservation Service
UST	Underground Storage Tank. Most federal and state regulations, as well as ASTM E1527-13, define this as any tank, incl., underground piping connected to the tank, that is or has been used to contain hazardous substances or petroleum products and the volume of which is 10% or more beneath the surface of the ground (i.e., buried).
VCP	State and/or Tribal facilities included as Voluntary Cleanup Program sites.
VOC	Volatile Organic Compound

Description of Selected General Terms and Acronyms

Term/Acronym	Description
Wetlands	<p>Areas that are typically saturated with surface or ground water that creates an environment supportive of wetland vegetation (i.e., swamps, marshes, bogs). The <u>Corps of Engineers Wetlands Delineation Manual</u> (Technical Report Y-87-1) defines wetlands as areas inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. For an area to be considered a jurisdictional wetland, it must meet the following criteria: more than 50 percent of the dominant plant species must be categorized as Obligate, Facultative Wetland, or Facultative on lists of plant species that occur in wetlands; the soil must be hydric; and, wetland hydrology must be present.</p> <p>The federal Clean Water Act which regulates “waters of the US,” also regulates wetlands, a program jointly administered by the USACE and the EPA. Waters of the U.S. are defined as: (1) waters used in interstate or foreign commerce, including all waters subject to the ebb and flow of tides; (2) all interstate waters including interstate wetlands; (3) all other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, etc., which the use, degradation, or destruction could affect interstate/ foreign commerce; (4) all impoundments of waters otherwise defined as waters of the U. S., (5) tributaries of waters identified in 1 through 4 above; (6) the territorial seas; and (7) wetlands adjacent to waters identified in 1 through 6 above. Only the USACE has the authority to make a final wetlands jurisdictional determination.</p>