PHASE I ENVIRONMENTAL SITE ASSESSMENT

CONDER MEGA SITE U.S. HIGHWAY 601 AT INTERSTATE 20 LUGOFF, KERSHAW COUNTY, SOUTH CAROLINA

S&ME Project No. 1614-11-083

Prepared For:

Alliance Consulting Engineers, Inc. Post Office Box 8147 Columbia, South Carolina 29202-8147

and

Kershaw County Economic Development Office Post Office Box 763 Camden, South Carolina 29021

Prepared By:



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June 29, 2011



June 29, 2011

Alliance Consulting Engineers, Inc. Post Office Box 8147 Columbia, South Carolina 29202-8147

Kershaw County Economic Development Office Post Office Box 763 Camden, South Carolina 29021

Attention: Ms. Rebecca Murrell Mr. Nelson Lindsay, Director

Reference: Phase I Environmental Site Assessment Conder MEGA Site - 1,424 Acres U.S. Highway 601 at Interstate 20 Lugoff, Kershaw County, South Carolina S&ME Project No. 1614-11-083

Dear Ms. Murrell and Mr. Lindsay:

S&ME, Inc. has completed the Phase I Environmental Site Assessment (ESA) for the referenced property. The attached report presents the findings of S&ME's Phase I ESA which was performed in general accordance with ASTM E 1527-05, S&ME Proposal No. 1614-7911-10, dated January 4, 2011 and the Master Services Agreement with Alliance dated January 15, 2007.

S&ME appreciates the opportunity to provide this Phase I ESA for the project. Please contact us at your convenience if there are questions regarding the information contained in this report.

Sincerely,

S&ME, Inc.

Chris Daves, P.W.S. Biologist

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Thomas Behnke, P.G. Environmental Department Manager

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SUMMARY

S&ME, Inc. (S&ME) has performed a Phase I Environmental Site Assessment (ESA) of an approximate 1,424-acre site that includes all or portions of eight (8) Kershaw County tax parcels located northwest of the intersection of Interstate 20 and U.S. Highway 601 in Lugoff, Kershaw County, South Carolina. This Phase I ESA was authorized by Ms. Rebecca Murrell of Alliance Consulting Engineers. The following summary is intended as an overview of the Phase I ESA, and does not include the complete findings and opinions of the full report.

A site visit was conducted by Chris Daves, an S&ME environmental professional, and Amanda White on multiple dates in March, April and May of 2011, to evaluate the subject site for drainage patterns, vegetation patterns, stains, discoloration, surrounding land use, and other visual aspects suggestive of the presence of Recognized Environmental Conditions (RECs).

At the time of the site reconnaissance, the site consisted primarily of timberland as well as a sand mine. Historically, the site has consisted of timberland, farmland, and several structures. The surrounding properties currently consist of a water tower, commercial businesses (including two gas stations), residential parcels, light industrial facilities, and timberland.

On-Site Findings

The following on-site finding of potential environmental concern was identified.

The site maintains a mining permit under the name of Industrial Park Mine from the South Carolina Department of Health and Environmental Control (SCDHEC) for sand mining activities on the northern portion of the site. No evidence of environmental conditions were noted at the sand mine during our site reconnaissance, regulatory records review, or interviews with regulatory officials. The sand mine activities on the site are not considered a REC.

Off-Site Findings

The following off-site findings of potential environmental concern were identified.

• Pantry 833 (now BP/Kangaroo Gas) is an active Underground Storage Tank (UST), Leaking Underground Storage Tank (LUST), and Groundwater Contamination Inventory (GWCI) site located east of the site along U.S. Highway 601. The facility is separated from the subject site by Whiting Way. This facility had two previous petroleum releases in 1994 and 2003 and also maintains three active USTs. This facility is also covered under the SUPERB program and a responsible party has been identified for the past releases. Review of regulatory files and maps indicated the direction of groundwater flow is west toward Whiting Way as well as north toward Gillies Creek. Portions of this facility appear to be upgradient of the subject site and westerly groundwater flow is toward the extreme eastern portion of the subject site. Groundwater concentration maps indicated three monitoring wells (MW-12, MW-13, and MW-2B) on the western portion of the gas station site exceeded certain Risk Based Screening Levels (RBSLs) for BTEX, MTBE, and naphthalene. In 2007, SCDHEC issued a conditional No Further Action (CNFA) for the petroleum releases. The recommended mitigation for the release was natural attenuation. The MWs on the site were abandoned in 2007 based on this CNFA. Although regulatory records do not indicate petroleum contamination directly on the subject site, the Pantry 833 site is upgradient to the subject site and has active USTs. The UST area is located approximately 195 feet from the subject site's eastern boundary. Based on these findings, the Pantry 833/BP/Kangaroo Gas site is considered a REC.

On the Pantry 833/BP/Kangaroo Gas site, MW-12, MW-13, and MW-2B (removed in 2007) were located 115 feet, 111 feet, and 112 feet, respectively, from the eastern boundary of the subject property. The contaminate levels in 2007 exceed the RBSLs for most petroleum constituents. Based on the relative proximity, sandy soils in the area, and apparent groundwater flow toward the subject site, a Vapor Encroachment Condition (VEC) cannot be ruled out.

• The former Wateree Chemical Company site is listed on the CERCLIS and State Hazardous Waste (SHWS) databases and is located on the adjoining western property. The former Wateree Chemical Company site has been investigated by SCDHEC and or the Environmental Protection Agency (EPA) in 1991, 2001 and 2007. Contamination identified at the site by these agencies was not significant enough to prompt further remedial action or investigation under the current land use scenario. Consequently, no further regulatory action is pending at this time.

S&ME performed a Limited Phase II Assessment (May 24, 2011) of the areas downgradient of the former Wateree Chemical site in conjunction with this Phase I ESA. The purpose of the Limited Phase II Assessment was to determine the downgradient extent of contamination and stream impact for the purpose of establishing an appropriate site boundary to eliminate the potential of acquiring environmentally impacted property as part of the Conder MEGA Site land acquisition. Groundwater and creek surface water samples did not indicate the presence of volatile or semi-volatile organic compounds (VOCs, SVOCs) or pesticides. Concentrations of metals in soil and groundwater were determined to be within the range of naturally occurring elements. However, traces of Methyl Ethyl Ketone (MEK) were identified in two sediment samples collected from the tributary to Gillies Creek suggesting potential impact from the Wateree Chemical Company site as no other immediate source was identified. Based on these findings it is our opinion that the former Wateree Chemical site does not constitute a REC in connection with the subject site at this time provided the Conder property line is established east of the tributary to Gillies Creek.

• Besides the former Wateree Chemical Company and Pantry 833, eleven (11) additional off-site regulated facilities were identified within the ASTM search radii. In our opinion, the remaining identified off-site regulated facilities do not appear to constitute a REC in connection with the subject site at this time based on topographic position relative to the site, inferred direction of groundwater flow, distance, or regulatory status.

1.0 INTRODUCTION

1.1 Purpose

The purpose of this Phase I Environmental Site Assessment (ESA) was to identify, to the extent feasible pursuant to the processes described herein, *recognized environmental conditions* in connection with the subject site. This Phase I ESA was prepared in accordance with the standard developed by the American Society for Testing and Materials (ASTM) entitled "E 1527-05 Standard Practice for Environmental Site Assessment: Phase I Environmental Site Assessment Process" (ASTM E 1527-05).

ASTM defines the term *recognized environmental condition* as the presence or likely presence of hazardous substances or petroleum products on the property under conditions that indicate an existing release, a past release, or a material threat of a release of hazardous substances or petroleum products into the structures on the property or into the ground, groundwater, or surface water of the site. The term does not include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of enforcement action if brought to the attention of appropriate governmental agencies. ASTM defines *historical recognized environmental condition* as an environmental condition, but which may or may not be considered a *recognized environmental condition* currently.

1.2 Detailed Scope of Services

S&ME's approach to performing this Environmental Site Assessment consisted of four major tasks in accordance with the ASTM Standard Practice E 1527-05.

<u>Task 1</u> - A review of reasonably ascertainable and practically reviewable public records for the site and the immediate vicinity was conducted to characterize environmental features of the site and to identify past and present land use activities, on or in the vicinity of the site, which may indicate a potential for *recognized environmental conditions*. The review of the public record included:

- 1. Review of reasonably ascertainable federal, state and tribal standard environmental record sources as well as selected local sources in accordance with the specified minimum search distances in ASTM E 1527-05. The search of these records was performed by a firm specializing in this service subcontracted to S&ME with results presented in a written report that will be appended to S&ME's Phase I ESA report.
- 2. Examination of one or more of the following resources: aerial photographs, fire insurance maps, property tax records, street directories, USGS topographic maps, building department records, planning department data, fire department or health department records, town historian and zoning/land use records of the property and vicinity for evidence suggesting past uses that might have involved hazardous substances or petroleum products.

<u>Task 2</u> - A site reconnaissance was performed to identify visible signs of environmental conditions on or adjacent to the site, and to evaluate evidence found in the review of public record that might be indicative of activities resulting in hazardous substances or petroleum products being used or deposited on the site. The site reconnaissance included the following activities:

- 1. A visual reconnaissance of the site and adjacent properties to observe signs of spills, stressed vegetation, buried waste, underground or aboveground storage tanks, subsidence, transformers, or unusual soil discoloration which may indicate the possible presence of contaminants on the property.
- 2. The periphery of the property was viewed and a walk-through of accessible areas of the site interior was conducted.
- 3. Areas of the site were photographed to document the current use(s) of the property as well as significant conditions such as unusually discolored soil, stressed vegetation, or other significant features associated with the property.

<u>Task 3</u> - Inquiries with appropriate local officials were conducted to consider any local knowledge of hazardous substances or petroleum products on the subject property or on adjacent properties. In addition, the current owner of the property was interviewed regarding his knowledge of any hazardous substances or petroleum products on the subject property or on adjacent properties.

Task 4 - The collected data were evaluated and this report was prepared.

Unless specifically authorized as an addition to the Phase I ESA work scope, <u>the</u> <u>assessment did not include</u> any assessment of environmental conditions not specifically included in the ASTM E 1527-05 standard such as the assessment of business risk issues such as; lead in drinking water; mold, fungi or bacteria in on-site buildings; regulatory compliance; cultural/historic risks; industrial hygiene; health/safety; ecological resources; endangered species; indoor air quality including possible vapor intrusion; radon or high voltage power lines.

1.3 Significant Assumptions

- The slope of the water table under static conditions (no pumping interference) often approximates the land surface topography in the area. Thus, the movement of groundwater is assumed to be in approximately the same direction as the drop of the topographic slope.
- Information acquired from the public record and interviews is accurate and reliable.
- Existing creeks and perennial surface waterways are either losing to or gaining from the groundwater regime. Thus, existing creeks and perennial surface waterways delineate the locations of hydrogeologic barriers for flow within the subsurface groundwater regime.

1.4 Limitations and Exceptions

The findings of this report are applicable and representative of conditions encountered at the subject property at the time of this evaluation, and may not represent conditions at a later date. The review of public records was limited to that information which was available to S&ME at the time this report was prepared. Interviews with local and state government authorities were limited to those people whom S&ME were able to contact during the preparation of this report. All information was derived from practically reviewable, readily available sources in compliance with the standards set forth in ASTM E 1527-05.

Although this report satisfies ASTM E 1527-05, these results are not a guarantee or warranty that no environmental conditions exist or that the property is free from all contamination. The Standard was developed to outline appropriate inquiry into the assessment of real property and therein "reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions."

The opinions presented in this report are based on findings derived from a site reconnaissance, a review of specified regulatory records and historical sources, and comments made by interviewees. Generally, information obtained from public records and from interviews is reliable. However, S&ME cannot warrant or guarantee that information provided is complete or accurate. In the event responses requested by S&ME from public agencies are provided to S&ME following the submittal of our report, they will be forwarded to the client in the form received for evaluation by the client.

Additional limitations to this Phase I ESA are as follows:

- Standard historical sources were not reasonably ascertainable to trace the operational history of the property back to its undeveloped state or to document the land use in approximately five-year intervals.
- Due to large scale and in some cases poor resolution of historical aerial photographs, only limited detailed review of historic site conditions was feasible.
- A chain of title or a title commitment was not provided for review of Activity Use Limitations (AULs), Engineering Controls (ECs), or environmental liens.
- The property boundaries of the site were approximated based on user-provided information, GIS tax parcel maps, and field observations.
- Due to the large size of the site, areas were in inspected on a rough grid pattern (approximately 100-150 feet). The interior of large inundated wetland systems were not able to be accessed. Areas of interest discovered during the historical aerial photograph review were investigated using a smaller grid pattern, as needed.
- Dense vegetation and ground cover prevented a clear view of ground surface in many areas of the site.

1.5 Special Terms, Conditions and Reliance

All materials and information used for this project were obtained by S&ME. The resulting report is provided for the sole use of Alliance Consulting Engineers and the Kershaw County Economic Development Office (the user) on the project for which it was prepared. Use of this report by any additional parties will be at such parties' risk, and S&ME disclaims liability for any use or reliance by any additional parties.

Alliance or the user may request in writing additional reports, name another party or parties as addressee(s) or otherwise entitle the party or parties to rely on the report. Such request for additional addressees shall include the name and addresses of the additional addressees and any suggested wording the additional addressee wishes S&ME to consider for inclusion in the report.

S&ME shall have sole discretion in (1) approving client's request for issuance of reports to additional addressees, and (2) incorporating in our report any additional wording or deletions requested by the additional addressees. The additional addressees' use and reliance on the report will be subject to the same rights, obligations, and limitations imposed by the current contract with Alliance. However, the <u>total</u> liability of S&ME to all addressees' of the Phase I ESA shall be limited to the remedies and amounts as provided in the current standing contract. The additional addressees' use and reliance on the report shall signify the additional addressees' agreement to be bound by the contract that makes up the agreement between S&ME and Alliance.

S&ME hereby acknowledges that this report may be relied upon by Alliance and Kershaw County Economic Development Office subject to the limitations of the current contract that makes up the agreement between S&ME and Alliance. A copy of this agreement is included in Appendix F.

According to standards set forth by ASTM 1527-05, an environmental site assessment meeting or exceeding this practice and for which the information was collected or updated within one year prior to the date of acquisition of the property or the date of the intended transaction may be used provided the following components were conducted or updated within 180 days of the date of purchase or the date of the intended transaction:

- Interviews with owners, operators, and occupants;
- Searches for recorded environmental cleanup liens;
- Reviews of federal, tribal, state, and local government records;
- Visual inspections of the property and of adjoining properties; and
- The declaration by the environmental professional responsible for the assessment or update.

2.0 SITE DESCRIPTION

2.1 Location and Legal Description

The subject site is comprised of eight separate tracts located northwest of the intersection of U.S. Highway 601 and Interstate 20 in Lugoff, Kershaw County, South Carolina. The site is approximately 1,424 acres and is represented by the following Kershaw County tax parcels:

Table 1. Tax I arecis, Owners, and Approximate Acreage				
Tax Parcel	Owner	Approx. Acreage		
309-00-00-070	Justin R. Conder et al	30.22		
309-00-00-032	Eastern Land and Timber Co.	385.36		
309-00-00-031	Justin R. Conder et al	212.00		
323-00-00-014 (portion of)	Justin R. Conder et al	177.10 (294.76)		
323-00-00-011	John W. Conder Limited Partnership	504.97		
323-00-00-006	Thomas C Salane et al	29.80		
324-00-00-034	William Allan Boston Jr.	3.39		
234-00-00-001	Claude E. Campbell & Justin Conder	81.37		

Table 1: Tax Parcels, Owners, and Approximate Acreage

The approximate location of the site is depicted on Figures 1-3 in Appendix A.

2.2 Site and Vicinity Description

The site is located in an area of mixed use (commercial, timberland, industrial, residential) along the southern edge of Lugoff, Kershaw County, South Carolina. Undulating topography is present in the site vicinity. The overall slope of the site is to the south and southeast. The major drainage feature in the area is Gillies Creek flowing along the southeastern boundary of the site.

2.3 Current Use of the Property

The site is primarily used for commercial timberland and hunting land. A sand mine is located on the northern portion of the site.

2.4 Descriptions of Roads, Structures, and Other Improvements on the Site

Ingress and egress to the site are from the northwest via Smith Road, from the east via Commerce Drive, and from the southeast via Whiting Way. Numerous dirt roads traverse the site. Four ponds are located on the site. No structures or other improvements were observed on the site.

2.5 Current Uses of the Adjoining Properties

The surrounding properties consist of a water tower, commercial businesses, residential parcels, industrial and light industrial facilities, and timberland. Please refer to Section 5.2.3 (Current Uses of Adjoining Properties) for a more detailed account of adjoining property use.

3.0 USER PROVIDED INFORMATION

This section is provided to summarize information provided by the user that may help in identification of RECs. As is discussed in ASTM Practice E-1527-05, the environmental professional does not typically generate this information.

3.1 Title Records

The user did not provide a copy of the land title records for the site.

3.2 Environmental Liens or Activity and Use Limitations

Reasonably ascertainable recorded land title records may contain *environmental liens* or *activity and use limitations* recorded against the property. ASTM Practice E 1527-05 does not impose on the environmental professional the responsibility to check for recorded environmental liens or activity and use limitations. The user of the Phase I ESA is responsible for determining, through their choice of a title company, title professional, or attorney, whether any environmental liens have been recorded against the property. The user provided a copy of a User/Owner Questionnaire completed by Mr. Nelson Lindsay with the Kershaw County Economic Development Office. Mr. Lindsay indicated he was unaware of environmental liens, AULs or ECs for the site. Please see the User Questionnaire in Appendix E.

3.3 Specialized Knowledge

The user was aware of the Wateree Chemical Company located near the western edge of the site and provided previous assessment reports (Appendix D). The user did not indicate other specialized knowledge related to the site.

3.4 Commonly Known or Reasonably Ascertainable Information

The user did not provide commonly known information or provide information regarding any reasonably ascertainable sources of data.

3.5 Valuation Reduction for Environmental Issues

The user did not indicate value reduction for environmental issues.

3.6 Owner, Property Manager and Occupant Information

The user provided the names of the various owners of the site (Conder, Eastern Land & Timber Company, Salane, and Boston) and forwarded copies of the Owner Questionnaire for them to complete. There are no occupants of the site.

3.7 Reason for Performing Phase I ESA

The user did not indicate the reason for performing this Phase I ESA. We have assumed the Phase I ESA was performed to identify, to the extent feasible pursuant to ASTM E 1527-05, *Recognized Environmental Conditions* in connection with the site. This practice is intended to permit a user to satisfy one of the requirements to qualify for the "innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations to CERCLA liability."

3.8 Other

No other user-provided information was provided.

4.0 RECORDS REVIEW

4.1 Standard Environmental Record Sources

S&ME contracted Environmental Data Resources (EDR) to prepare a Radius Map Report compiling federal and state environmental database information from the regulatory records of the United States Environmental Protection Agency (USEPA), the United States Geological Survey (USGS), and the South Carolina Department of Health and Environmental Control (SCDHEC). The purpose of the EDR report was to identify environmental sites and activities within a designated radius of potential concern from the subject site, as outlined by ASTM E 1527-05.

General descriptions of the databases are included within the EDR report, which is attached in Appendix C. The major databases reviewed along with the date the information was issued, and the search radii employed are provided in the following table.

Database	Approximate Search Distance	Search Results (number of sites)					
Feder	Federal Environmental Record Sources						
NPL	1 mile	0					
Proposed NPL	1 mile	0					
DELISTED NPL	1 mile	0					
NPL LIENS	TP	0					
CERCLIS	0.5 mile	1					
CERCLIS-NFRAP	0.5 mile	0					
CORRACTS	1 mile	0					
RCRIS-TSD	0.5 mile	0					
RCRIS-LQG	0.25 mile	0					
RCRIS-CESQG	0.25 mile	1					

Table 1: List of Databases Searched

Database	Approximate Search Distance	Search Results (number of sites)	
RCRIS-SQG	0.25 mile	1	
ERNS	ТР	0	
HMIRS	ТР	0	
CONSENT	1 mile	0	
ROD	1 mile	0	
TRIS	ТР	0	
TSCA	ТР	0	
FTTS	ТР	0	
PADS	ТР	0	
MLTS	ТР	0	
MINES	0.25 mile	1	
FINDS	ТР	1	
RAATS	ТР	0	
State	Environmental Record Sources		
Hazardous Waste (SWHS)	1 mile	1	
Brownfields	0.5 mile	0	
ALLSITES	1 mile	0	
Landfills (SWF/LF)	0.5 mile	1	
LUST	0.5 mile	3	
UST	0.25 mile	7	
Spills	ТР	0	
GWCI	0.5 mile	3	
DRYCLEANERS	1 mile	0	
VCP	0.5 mile	0	
AST	TP	0	
	Tribal Records		
Indian Reservations	1 mile	0	
Indian LUST	0.5 mile 0		
Indian UST	0.25 mile	0	

TP = Target Property

S&ME evaluated the EDR report for regulated sites located within the ASTM-designated search radii. The EDR Radius Map Report also contains the "EDR Zip Code Scan Report" and an "Orphan Summary" which lists facilities that are believed to be in the area of the site, but cannot be located due to incomplete address information. The vehicular reconnaissance identified no additional obvious facilities within one-half mile of the subject site.

The public record review, including the EDR Radius Map Report, identified eleven (11) facilities with records pertaining to hazardous substances or petroleum products within the ASTM-specified search distances. Four facilities (Pantry 3214 Food Chief, Little Pat's Store, Dick Smith Pontiac Olds Chevy, and Amoco Food Shop) were listed on the EDR report incorrectly and were determined to be outside of the ASTM-specified search distances.

Facility Location Facility Topographic Relationship		Record	Comment
Industrial Park Mine; John W. Conder Eastern Land and Timber	Mine; John W. Conder Subject Site Eastern Land and		Not listed in EDR Report. The subject site maintains a mining permit (sand) from SCDHEC. Sand mine is on the northern portion of the site. No documented violations.
Former Wateree Chemical Company – Lugoff Plant End of Smith Road Adjoining Property W Upgradient		CERCLIS, SHWS	Former chemical manufacturing facility located on western adjoining property. EPA & SCDHEC investigations performed in 1991, 2001 & 2007. Site issued No Further Remedial Action Proposed (NFRAP) status by EPA in 2007.
Screentex, Inc. (now Harbor Industries)	1291 Commerce Dr. 150 ft. E Upgradient	RCRA- NonGen	No violations documented.
Dana Office Products	1255 Commerce Dr. 450 ft. E Upgradient	RCRA- CESQG	No violations documented.
Mancor SC, Inc.	1255-A Commerce Dr. 450 ft. E Upgradient	RCRA- SQG, AIRS	Several past minor recordkeeping violations have achieved compliance.
Hendrickson Trailer Suspension Systems	1235 Commerce Dr. 1,000 ft. E Crossgradient	RCRA- NonGen	Multiple past minor recordkeeping violations have achieved compliance.
Lugoff-Elgin Sanitary Landfill	East Ridge Road 3,750 ft. N Downgradient	SWF/LF	Former solid waste landfill that stopped accepting waste in 1991. Groundwater flow is to the north & away from subject site.

 Table 2: Database Search Results

Phase I ESA Conder MEGA Site – Lugoff, SC

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Facility	Location Direction/ Distance Topographic Relationship	Record	Comment
Pilot Travel Center 346	522 Highway 601 S 550 ft. SE Downgradient	UST, LUST, GWCI	Petroleum releases documented in 1994 and 2003. Facility has five active USTs. Groundwater flow maps (Pangean CMD Associates 2007) indicate groundwater flow is north, northeast and away from the subject site.
Pantry 833 (now BP/Kangaroo Gas) 521 Highway 601 S 200 ft. SE Upgradient		UST, LUST, GWCI	Petroleum releases documented in 1994 and 2001. Facility has three active USTs. Groundwater flow maps (ATC Associates - 2007) indicate groundwater flow is northwest, toward the extreme eastern portion of the site. The two releases were given Conditional No Further Action (CNFA) status by SCDHEC in 2007. See below for further details on this facility.
Speaks 107/Travel Mart	495 Highway 601 S 200 ft. E Downgradient	UST	Facility maintains one UST. No documented releases. In compliance with SCDHEC (1/2011)
Wolfe Mechanical & Equipment Co.	Highway 601 S 1,600 ft. E Downgradient	UST	Two USTs abandoned in 1992. No documented releases.
Standard Warehouse	Highway 601 S 200 ft. N Upgradient	UST	Four USTs abandoned. No documented releases.
Moaks Exxon 46382 (former)	I-20 at US 601 (497 Highway 601 S) 200 ft. E Downgradient	UST, LUST, GWCI	Petroleum release documented in 1991. USTs abandoned. NFA status given by SCDHEC in 2000.
Handy Market 101 Handy Market 101 I-20 at US 601 (522 Highway 601 S) 550 ft. SE Downgradient		UST	USTs abandoned. No documented releases.

4.2 Additional Environmental Record Sources

• A search of the Environmental Protection Agency (EPA) Envirofacts database (<u>http://www.epa.gov/emefdata/em4ef.home</u>) was conducted. The subject site did not appear on the databases. No additional facilities were identified within the search radii.

- S&ME also searched the SCDHEC Land and Waste Management on-line database website (<u>http://www.scdhec.net/environment/lwm/databases.htm</u>) for public records (land use controls, etc.), mining and solid waste facilities, and the Underground Storage Tank Registry. No additional facilities were identified.
- A search of SCDHEC's Groundwater Contamination Inventory (GWCI) (<u>http://www.scdhec.gov/environment/water/gwci.htm</u>) was conducted. No additional facilities were identified within the search radii.
- S&ME conducted a file review at SCDHEC on March 15, 2011. Utility reports for the USTs, compliance files for Mancor and Speaks 107/Travel Mart, as well as potentiometric maps for Lugoff-Elgin Sanitary Landfill, Pilot Travel Center 346, and Pantry 833 were the only items available for review. See Appendix D for regulatory records documentation.

Pantry 833 (now BP/Kangaroo Gas)

This facility had two previous petroleum releases in 1994 and 2003 and also maintains three active USTs. This facility is also covered under the SUPERB program. S&ME reviewed ATC Associates's Groundwater Sampling Report (February 2007). Based on the potentiometric maps in the report, the direction of groundwater flow is west toward Whiting Way as well as north toward Gillies Creek. Portions of this facility appear to be upgradient of the subject site and westerly groundwater flow is toward the extreme eastern portion of the subject site. Groundwater concentration maps indicated MW-12, MW-13, and MW-2B exceeded certain RBSLs of certain petroleum constituents as follows:

MW	Benzene	Toluene	Ethylbenzene	Xylene	MTBE	Naphthalene
12	5.8	<5	<5	<5	<5	<5
13	31	480	390	1,870	<5	120
2B	730	12,000	2,500	16,000	<250	900
	*ug/L		Yellow/bolde	ed numbers	exceed RB	SLs

Table 3: Pantry 833Aerial Photographs

In 2007, SCDHEC issued a conditional No Further Action (CNFA) for the petroleum releases. The MWs on the site were abandoned in 2007.

Former Wateree Chemical Company

S&ME reviewed EPA websites

(<u>http://www.epaosc.org/site/site_profile.aspx?site_id=3084</u> and <u>http://www.epaosc.org/site/polrep_profile.aspx?site_id=3084</u>) for information regarding the Wateree Chemical Company. According to the website, "this facility is the location of a former chemical manufacturing facility that operated from 1964 to 1976. Wateree Chemical manufactured a variety of chemicals for sale to schools, industries, and foreign countries. Major products included carboxylic acids, organohalides, organonitrates and organosulfur compounds. Other products included amines, ethers and hydrocarbons. Wateree Chemical ceased operations prior to the inception of RCRA regulations, so the company was never permitted to treat, store, or dispose of hazardous waste on-site. Waste from the chemical manufacturing process and cooling water were discharged into a sand hill and allowed to percolate through the soil at a designated waste pit. Prior to discharge chemicals were either oxidized or diluted using chromic acid, peroxides or sodium cyanide.

SCDHEC performed an Expanded Site Inspection (ESI) in January and February of 2001. The ESI consisted of a site reconnaissance including an electromagnetic survey in which a 20' X 40' burial area was discovered at the southeast end of the Wateree site. An unknown number of drums were reportedly located 18" below the surface. Environmental sampling consisted of groundwater, surface water, sediment, surface soil and subsurface soil samples.

Groundwater samples were collected from the 18-inch diameter well adjacent to Building #1 and the 8-inch diameter well located behind the pump house. The samples indicated elevated levels of metals, pesticides, VOCs and SVOCs. Lead and 1,1-dichloroethene were detected above Maximum Contaminant Levels (MCLs) in two samples. One was collected from a spring downgradient of the Site that appears to empty into the unnamed tributary to the northeast of the Site. The second was collected from the 18-inch diameter well adjacent to Building #1, it is important to note that the well was not purged due to depth and lack of appropriate equipment.

Sediment samples were collected from runoff streams located to the southeast and northeast of the site. Sediment samples indicated high levels of metals and VOCs, as well as an unknown steroid.

EPA performed additional investigation of soil and groundwater at the site in 2007 as well as an electromagnetic survey. Analytical results from the groundwater sample indicate that aluminum, chromium, nickel, iron and potassium were detected above the Method Detection Limit. However, none of the results were above the Region 9 PRGs for direct contact exposure with tap water. Analytical results for the subsurface soil samples indicate that 15 metals, 7 pesticides, 3 SVOCs, and 7 VOCs were detected in one or more of the soil samples. Arsenic concentrations ranged from 2.3 mg/kg to 3.3 mg/kg. The EM survey in conjunction with selective hand auguring indicated the presence of some metallic objects in the subsurface of the southeast portion of the Site. Visible observations of the hand augured locations indicated that the metal objects appeared to be in a severely deteriorated condition.

The EPA determined that the Wateree Chemical Site should be assigned NFA status for conducting a time-critical removal action. Site conditions do not meet the requirements for initiating a time-critical removal action according to criteria listed in Section 300.415 (b)(2) of the NCP. The site does not pose an immediate threat to the public health or welfare or the environment.

S&ME also reviewed Site Screening Investigation Report by SCDHEC performed in 1991. The report referenced site remedial action in the form of drum and other waste removal by Laidlaw Environmental Services. Soil, groundwater and surface water sampling by SCDHEC detected contamination from heavy metals, VOCs and SVOCs. The site was subsequently issued a low priority status for further action under the Federal Superfund Program.

S&ME performed a Limited Phase II Assessment (May 24, 2011) at the former Wateree Chemical Company area. Four groundwater samples from temporary monitoring wells and three surface water samples were collected at the site. SCDHEC issued NFA status for the Limited Phase II ESA on June 21, 2011. The following conclusions were given in the report:

- No VOCs, SVOCs, or pesticides were reported above laboratory method detection limits in the four groundwater samples collected at the site.
- Total arsenic, chromium and lead slightly exceeded drinking water MCLs in three of the four monitoring wells. However the laboratory filtered (dissolved) analytes were all below laboratory method detection limits suggesting the MCL exceedances are due to sample turbidity and naturally-occurring elements and not source contamination.
- No VOCs were reported in the three surface water samples collected from the tributary to Gillies Creek. Reported metals in the surface water were below drinking water MCLs.
- With the exception of arsenic, no metals were reported above the USEPA Regional Screening Levels for Residential soil in the three sediment samples collected from the tributary to Gillies Creek. The reported arsenic levels are within the range of naturally-occurring arsenic in Piedmont soils of South Carolina and are not considered to be source contamination.
- Traces of Methyl Ethyl Ketone (MEK) were reported in both the upstream and downstream sediment samples collected from the creek. MEK is a solvent commonly used in industry. The reported levels are well below the USEPA Residential soil RSL for MEK (28,000 mg/kg). The source of the MEK is unknown. Review of the DHEC environmental sampling reports for the former Wateree Chemical site did not reference detection of this specific compound; however, Wateree Chemical can not be ruled out as a possible source.
- Acetone was reported to be present in two of the sediment samples collected from the creek; however, this is believed to be a result of a reaction between the organic-rich soil and the preservative in the sample containers and is not considered to be source contamination.
- With the exception of MEK in creek sediment, the collected groundwater and creek data does not indicate any evidence of direct contamination from the former

Wateree Chemical site. However, our sample locations were limited to accessible areas downgradient of the facility and may not be representative of groundwater conditions closer to this site or at other locations. It should be noted that some rusted drums were observed near the creek and that burial and on site disposal of drums was practiced by Wateree Chemical. To this extent, we recommend that the tributary to Gillies Creek and associated wetlands downgradient of the former Wateree Chemical site be considered as the western site boundary for the Conder property acquisition to ensure no environmental hazards are obtained with the property.

Copies of pertinent regulatory documents are provided in Appendix D.

4.3 Physical Setting Sources

The site is identified on a USGS 7.5-minute series Topographic Quadrangle Map, titled Lugoff, South Carolina dated 1953. The original map has a scale of one inch equals 2,000 feet. A Topographic Map, prepared using a portion of the map, is included as Figure 2 in Appendix A.

The map depicts the site in a rural area southwest of Lugoff. Four small structures are depicted on the northwestern portion of the site. Several roads traverse the site. The site is bordered by Gillies Creek to the south and southeast and a railroad line to the north. Several additional streams are depicted on the south flowing into Gillies Creek. Topography in the area is undulating. The overall slope of the site is to the south and southeast. Surface elevation in the area is approximately 375 to 160 feet above mean sea level across the site.

According to the *Geology of the Carolinas*, (Horton, Jr. J. Wright and Zullo A. Victor. University of Tennessee Press, 1991), the subject site is located in the Atlantic Coastal Plain Physiographic Province. The Coastal Plain consists of unconsolidated sands, silts, and clays of the Pleistocene epoch. During this time, the ocean retreated over the land and left formations and terraces indicating former shorelines. The parent material of most of the soils is marine or fluvial deposits. The sedimentary beds of the Coastal Plain overlap each other in the sequence they were lain down and slope gently to the coast.

S&ME reviewed the United States Department of Agriculture's *Soil Survey of Kershaw*, *County Area, South Carolina* which depicts the soil types underlying the subject site and its surrounding area. Sheets 48, 49, 54, and 55 of the soil survey depicted the subject site as being underlain by the following soils:

Soil Series	Drainage	Permeability	Location		
Ailey Sand (AeB/AeC)	Well	Slow	Side/toe slopes		
Alpin Sand (ApB)	Excessive	Very Rapid	Broad ridgetops & adjoining side slopes		
Blanton Sand (BaB)	SW Excessive	Moderate	Irregularly Shaped ridges		
Goldsboro Loamy Sand (GoA)	Mod. Well	Moderate	Smooth, slight depressional areas		
Grady Loam (Gr)	Poor	Slow	Depressional areas		
Lakeland Sand (LaB)	Excessive	Very Rapid	Ridgetops		
Johnston Loam (Jo)	Very Poor	Mod. Rapid	Floodplains		
Pelion Loamy Sand (PnB)	Mod. Well	Slow	Side slopes		
Vaucluse Loamy Sand (VaC)	Well	Slow	Side slopes		
Wagram Sand (WaB)	Well	Moderate	Ridgetops		

Table 4: Soil Series

4.4 Historical Use Information on the Property

The historical use of the subject site was determined by reviewing various historical sources listed below. In summary, the site has been primarily used as farmland and timberland since at least the 1930s. Scattered structures were evident throughout the site on early aerial photographs and topographic maps (1937-1969). A sand mine began operations on the northern portion of the site in the 1980s.

Aerial Photographs

Aerial photographs (1937-2010) were reviewed to observe previous conditions and development of the subject site, as well as immediately adjacent properties. A copy of the 2006 aerial photograph is included as Figure 3 in Appendix A. The following table presents the findings of the aerial photograph review.

SOURCE	DATE	APPROX. SCALE	COMMENTS
Google Earth	2010	1" = 400'	Site is primarily timberland with several roads. Sand mine is evident on the northern portion of the site. Four ponds evident on southeastern and northwestern portions of site. A water tower is evident near the northern portion of site. Surrounding properties are heavily developed to the east along U.S. 601. Scattered residential neighborhoods and a large warehouse (NE) are evident to the north. Timberland is located south and west of the site. Several buildings associated with the Wateree Chemical Company site to the west are evident.
Google Earth	2006- 2003	1" = 400'	Similar to 2010.

Table 5: Aerial Photographs

SOURCE	DATE	APPROX. SCALE	COMMENTS
SCDNR Website NAPP Aerial	2006	1"= 400'	Similar to 2010.
SCDNR Website NAPP Aerial	1999	1"= 400'	Similar to 2003.
Google Earth	1994	1"= 400'	Similar to 1999. Less development is present east of the site along US 601.
USC Map Library	1981	1"= 400'	Similar to 1994. Sand mine is not evident on northern portion of site. Industrial development along U.S. 601 to the east or water tower to the north are not evident.
USC Map Library	1975	1" = 1,320'	Poor clarity of aerial photo prohibited accurate assessment of site and surrounding properties.
USC Map Library	1969	1"= 1,320'	Similar to 1981. Several small structures are evident scattered throughout the site. Site primarily timberland and farmland. Warehouse to the northeast is not evident. Surrounding properties primarily timberland and farmland.
USC Map Library	1964	1"= 1,320'	Similar to 1969.
USC Map Library	1949	1"= 1,320'	Similar to 1964. Ponds not evident on site. Wateree Chemical Company not evident to the west.
USC Map Library	1938 1937	1"= 1,320'	Similar to 1949.

No direct evidence was observed on the reviewed aerial photographs indicating that open dumping, or hazardous material use or storage has occurred on or near the subject site. However, the scales and clarity of several of the reviewed aerial photographs inhibited the identification of specific site use or activities.

Sanborn Maps

S&ME contracted with EDR to conduct a database search of historic Sanborn Fire Insurance maps that depict the subject site and surrounding area. EDR maintains the largest library of Sanborn Fire Insurance maps available. Sanborn maps were not available for the site (Appendix B).

City Directories

Cities directories were not reviewed for this assessment as the site did not have a street address and they were unlikely to offer information pertinent to the identification of RECs at this site.

Historic USGS Topographic Maps

S&ME also reviewed historic topographic maps on-line via the online system at the Thomas Cooper Library (<u>http://www.sc.edu/library/digital/collections/topomaps.html</u>). Historical topographic maps were reviewed for the years 1938 and 1945 (*Hagood, SC*) and 1948 (*Camden, SC*). These maps depict the site as largely undeveloped with approximately 15 small structures scattered about the site.

Tribal Records

The review of the public record including the EDR Radius Map Report did not reveal any listings of tribal environmental records (Indian Reservations, Indian UST, or Indian LUST). According to a fact sheet obtained from the National Indian Child Welfare Association, there are no recognized Tribal lands within the vicinity of the subject site. The site does not appear to be located on or near any tribal lands. According to the U.S. Census, the Catawba Indian Nation in York County is the only federally recognized tribe in South Carolina. South Carolina began to offer state recognition to tribes in early 2005. S&ME reviewed the South Carolina Indian Affairs Commission website (http://southcarolinaindianaffairs.com/members.html) as well as the websites of two state recognized tribes, the Pee Dee Indian Tribe (http://www.peedeeindiantribeofsc.com/) and the Waccamaw Indian Tribe (http://www.waccamaw.us/FRAME_HOME.htm), and one unrecognized tribe, the Marlboro, Chesterfield, Darlington County Pee Dee Indian Tribe (http://mcdcpeedeeindiantrib.tripod.com/), for any information regarding environmental concerns. These sources did not contain information regarding environmental issues.

Building Records

S&ME attempted to review building records on-line using the Kershaw County Assessors Office website (<u>http://qpublic5.qpublic.net/sc_search.php?county=sc_kershaw</u>). Building records were not available.

Zoning/Land Use Records

S&ME reviewed zoning/land use records at the Kershaw County Assessors Office website. The subject site is zoned as Industrial (I-1) with an agricultural land use.

Land Title Records

Land title records were not provided by the user. According to the Kershaw County Assessors Office website, the various tracts that comprise the site are owned by Justin R. Conder et al, Eastern Land and Timber Co., John W. Conder Limited Partnership, Thomas C. Salane et al, William Allan Boston, Jr., Claude E. Campbell & Justin Conder. Sales of these tract occurred between 1986 and 2006 from private individuals or trusts. Please refer to Appendix B for details regarding ownership of these tax parcels.

Property Tax Files

Readily available property tax files were not reviewed because they were unlikely to offer information pertinent to the identification of RECs at this site.

4.5 Historical Use Information of Adjoining Properties

The historical use of the adjoining properties was determined by reviewing historical topographic maps, historical aerial photographs, and county tax assessor records.

Northern Adjoining Properties

Since at least 1937, the northern adjoining properties have primarily consisted of timberland, farmland, and a railroad line. A large warehouse was first depicted northeast of the site in the 1975 aerial photograph. Residential neighborhoods and several commercial businesses were constructed north of the site in the 1990s. A water tower within the northern interior of the site was first evident on the 1994 aerial photograph.

Southern Adjoining Properties

Since at least 1937, the southern adjoining properties have primarily consisted of timberland and farmland. Interstate 20 was first evident south of the site in the 1960s.

Eastern Adjoining Properties

From at least 1937 until the late 1970s, the eastern adjoining properties primarily consisted of timberland and farmland. A residential subdivision and several commercial businesses north of the intersection of U.S. Highway 601 and I-20 were first evident on the 1981 aerial photograph. In the 1990s, commercial and light industrial facilities began to increase along U.S. Highway 601 and Commerce Drive. Facilities evident on the 1994 aerial photograph included (from north to south) a concrete batch plant, Dana, Screentex/Harbor Industries, and Mancor. Facilities evident southeast of the site in 1994 include two gas stations, Waffle House, and an Econo Lodge. Widtech, Inc. was first evident to the east of the site in the 1999 aerial. The eastern adjoining properties appear to resemble their current configuration from the late 1990s. A new convenience store/gas station (Speaks 107/Shell/Bojangles was constructed east of the site in late 2000s.

Western Adjoining Properties

Since at least 1937, the western adjoining properties have primarily consisted of timberland, farmland, and several ponds. Wateree Chemical was first evident in the 1964 aerial photograph.

5.0 SITE RECONNAISSANCE

A site reconnaissance was performed by Chris Daves, an S&ME environmental professional, and Amanda White on multiple dates in March, April, and May of 2011 to observe the current uses of the site, adjoining properties, and properties in the surrounding area, as well as the geologic, hydrogeologic, and topographic conditions of the site and the surrounding area. Photographs were taken of various portions of the subject site to document existing conditions. Copies of pertinent photographs are included in Appendix A of this report.

5.1 Methodology and Limiting Conditions

The subject site was observed by walking the perimeter and interior of the site. A vehicular tour of the area was made to confirm the locations of facilities listed by regulatory agencies and to verify nearby land use. The tour involved viewing nearby properties from publicly accessible areas, but not entering private property. Observation of nearby properties was limited to areas visible in the line of sight from public roadways. S&ME did not enter adjacent properties to view areas not visible from the subject site or public property. Due to the large size of the site, areas were inspected on a rough grid pattern (approximately 100-150 feet). The interior of large inundated wetland systems were not able to be accessed. Areas of interest discovered during the historical aerial photograph review were investigated using a smaller grid pattern, as needed. No other limiting conditions were encountered.

5.2 General Site Setting

5.2.1 Current Use(s) of the Property

The site is primarily used for commercial timberland (Photograph 1-3) and hunting land. A sand mine (Photographs 4-5) is located on the northern portion of the site.

5.2.2 Past Use(s) of the Property

Site observations did not reveal previous uses of the property that are different from the current use.

5.2.3 Current Uses of Adjoining Properties

- North: The northern adjoining properties consist of woodland, a residential neighborhood, the Sandhills Warehouse/Kenco Logistical Services (northeast), L. Hoke Studio & Gallery, and a construction/trucking company (northwest). A Lugoff Water System water tower (Photograph 6) was also observed within the interior of the northern portion of the site adjacent to the sand mine.
- South: The southern adjoining properties consist of timberland and I-20.
- East: From north to south, the eastern adjoining properties consist of: a former concrete batch plant (Photographs 7-8), Harbour Industries, Widtech, Inc., Mancor, a residential neighborhood/pond, Speaks107/Shell/Bojangles, BP/Kangaroo Gas, Waffle House, and Econo Lodge.

The former concrete batch plant area northeast of the site consisted of open areas and multiple piles of inert construction debris including broken concrete, asphalt, piping, and sewer grates. Hazardous material dumping was not evident in this area. Harbour Industries is a warehouse for chemical wholesale distribution. Widtech, Inc. is a machine and metal fabrication operation. Speaks107/Shell/Bojangles and BP/Kangaroo Gas are active gas stations. **West:** The western adjoining properties consist of timberland and the former Wateree Chemical Company (abandoned). Five concrete block buildings (Photographs 9-13) and a collapsed frame building were observed in this area.

5.2.4 Past Uses of Adjoining Properties

The former buildings, interior observations, exterior piping combined with prior information provided by the user and internet resources, indicate the western adjoining property was used as the Wateree Chemical Company. Site observations did not reveal other previous uses of the adjoining properties that are different from the current uses.

5.2.5 Geologic, Hydrogeologic, Hydrologic, and Topographic Conditions

Undulating topography is present in the site vicinity. Steep sand hills were observed on several areas of the site. The overall slope of the site is to the south and southeast. Surface soils consisted of sands in the upland portions and loams and loamy sands in the wetland areas. A sand mine was observed on the northern portion of the site. Numerous streams and wetland areas were observed throughout the site. Two large ponds (Photograph 14) were observed on the southern portion of the site. Two smaller ponds (Photograph 15) were observed on the northwestern portion of the site. The major drainage feature in the area is Gillies Creek flowing along the southeastern boundary of the site. Regional groundwater flow can be assumed to roughly mimic the surface topographic slope. No confirmation of surface run-off or groundwater conditions was made during the site reconnaissance.

5.2.6 General Description of Roads, Structures & Other Improvements

Ingress and egress to the site are from the northwest via Smith Road (dirt), from the east via Commerce Drive (paved), and from the southeast via Whiting Way (paved). Numerous dirt roads traverse the site. Four ponds are located on the site. No structures or other improvements were observed on the site.

5.2.7 Potable Water Supply and Sewage Disposal System

Lugoff Water and Sewer Authority provide water and sewer utilities to the area. A water tower is located within the interior of the northern portion of site on separate adjoining tax parcel.

5.3 Exterior Observations

A majority of the site is used for timberland purposes (planted pines) or has recently been clear cut. Access to the site was obtained through a network of cut timber roads and trails across the site. Multiple surface water bodies and creeks are present on the site as further described in our wetland survey of the property. A sand mine is present on the northern portion of the site and consists of a large surface excavation exposing sand deposits for commercial mining. No evidence of petroleum fuel tanks was observed at the operation. None of the materials observed appeared to be hazardous in nature. There are no

building or paved road improvements on the site. A large municipal water tank operated by the Lugoff Water System is located near the sand mine. A natural gas utility easement traverses across the central portion of the site in a southwest to northeast direction. The easement is maintained and clearly marked with appropriate warnings and designations. A number of tractor trailers and a pine straw bailer were observed around the pine stands on the northwest quadrant of the site. The trailers and bailer are used to process pine straw bails for commercial use. Laborers were observed harvesting pine straw in the area.

The former Wateree Chemical site is located on the adjoining property to the west. The site consists of several abandoned and dilapidated masonry structures situated in and around a circular access road. No evidence of drums or hazardous waste was observed on the site. Two empty drum carcasses were observed along the creek bed east of the site that are likely remnants of the chemical plant. The drums were severely rusted and empty. No evidence of environmental impact associated with the drums was noted.

In general no evidence of site use or human encroachment aside from that described was observed on the property. We observed no visible signs of buried waste, USTs, ASTs, subsidence, or unusual soil discoloration which may indicate the possible presence of contaminants.

5.4 Interior Observations

No structures were observed on the site; therefore no interior observations were made.

6.0 INTERVIEWS

Interviews were conducted by Chris Daves, an S&ME Environmental Professional, to obtain information from individuals who have knowledge of current and past activities at the site, and to clarify observations made during the site reconnaissance or data review of the site. Copies of interview correspondence are located in Appendix E.

6.1 Interview With Owner

Mr. Justin Conder, an owner representative of six of the eight tax parcels comprising the site, completed an Owner Questionnaire on February 22, 2011. Mr. Conder indicated the site was used for timber, hunting, and sand mining purposes. He was aware of the former Wateree Chemical Company near the western site boundary. Mr. Conder indicated they had no knowledge of environmental concerns, environmental liens, AULs, or ECs in association with the subject site.

S&ME interviewed Mr. Walt Conder during a site visit on April 29, 2011. He also indicated the site was used for timber, hunting, and sand mining purposes and was aware of the former Wateree Chemical Company. Mr. Conder indicated they had no knowledge of environmental concerns, environmental liens, AULs, or ECs in association with the subject site.

The user (Kershaw County) submitted Owner Questionnaires to the owners of Boston tract (3.39 acres) and Salane tract (29.80 acres). At the time this report was prepared, these owners had yet to respond to the questionnaires.

6.2 Interview with Key Site Manager

See Section 6.1.

6.3 Interview with Occupants

There were no occupants of the site.

6.4 Interview with Local Government Officials

S&ME interviewed Ms. Mair DePratter with the SCDHEC Bureau of Land & Waste Management Mining Division on May 10, 2011 regarding the on-site sand mine permit (I-000592). She indicated the mine on-site is for sand only and that the mine is inspected annually. She was unaware of previous violation or contamination issues associated with the sand mine.

S&ME interviewed Mr. Jason Williams with SCDHEC who was the SCDHEC project manager for the former Wateree Chemical site. Mr. Williams stated there is currently no regulatory action concerning the site. The site was cleaned up by the owners before SCDHEC investigated in 2001 so a lot of materials or evidence was probably removed. The EPA did an additional investigation in 2007. No additional contamination was found and the site status is unchanged.

6.5 Interviews with Others

No other interviews were conducted for this assessment.

7.0 FINDINGS

7.1 On-Site Findings

The following on-site finding of environmental concern was noted:

The site maintains a mining permit (Industrial Park Mine) from SCDHEC for sand mining activities on the northern portion of the site.

7.2 Off-Site Findings

The following off-site findings of environmental concern were noted:

- The EDR Radius Map Report identified off-site regulated facilities within the ASTM search radii. These regulated facilities include:
 - 1. Former Wateree Chemical Company CERCLIS, SHWS
 - 2. Screentex, Inc. RCRA NonGen
 - 3. Dana Office Products RCRA-CESQG
 - 4. Mancor SC, Inc. RCRA SQG, AIRS
 - 5. Hendrickson Trailer Suspension Systems RCRA NonGen
 - 6. Lugoff-Elgin Sanitary Landfill SWF/LF
 - 7. Pilot Travel Center UST, LUST, GWCI
 - 8. Pantry 833 (now BP Kangaroo Gas) UST, LUST, GWCI
 - 9. Speaks 107 Travel Mart UST
 - 10. Wolfe Mechanical & Equipment Co. UST
 - 11. Standard Warehouse UST
 - 12. Moaks Exxon –UST, LUST, GWCI
 - 13. Handy Mart UST
- Of particular environmental concern were the **Pantry 833/BP/Kangaroo Gas** located just east of the subject site and the former **Wateree Chemical Company** located just west of the subject site. Both of these sites are located upgradient to the subject site.
- Regarding vapor encroachment, the **Pantry 833/BP/Kangaroo Gas** was located within the Screening Area of Concern for upgradient sites with dissolved petroleum chemicals of concern.

8.0 **OPINIONS**

8.1 On-Site Opinions

S&ME offers the following opinion regarding the on-site finding of potential environmental concern identified during this Phase I ESA:

• No evidence of environmental conditions were noted at the sand mine during our site reconnaissance, regulatory records review, or interviews with regulatory officials. Based on these observations, the sand mine activities on the site are not considered a REC

8.2 Off-Site Opinions

S&ME offers the following opinions regarding the off-site findings of potential environmental concern identified during this Phase I ESA:

- Pantry 833 (now BP/Kangaroo Gas) is an active UST, LUST, and GWCI site located east of the site along U.S. Highway 601. The facility is separated from the subject site by Whiting Way. This facility had two previous petroleum releases in 1994 and 2003 and also maintains three active USTs. This facility is also covered under the SUPERB program and a responsible party has been identified for the past releases. Review of regulatory files and maps indicated the direction of groundwater flow is west toward Whiting Way as well as north toward Gillies Creek. Portions of this facility appear to be upgradient of the subject site and westerly groundwater flow is toward the extreme eastern portion of the subject site. Groundwater concentration maps indicated three monitoring wells (MW-12, MW-13, and MW-2B) on the western portion of the gas station site exceeded certain RBSLs for BTEX, MTBE, and naphthalene. In 2007, SCDHEC issued a conditional No Further Action (CNFA) for the petroleum releases. The recommended mitigation for the release was natural attenuation. The MWs on the site were abandoned in 2007 based on this CNFA. Although regulatory records do not indicate petroleum contamination directly on the subject site, the Pantry 833 site is upgradient to the subject site and has active USTs. The UST area is located approximately 195 feet from the subject site's eastern boundary. Based on these findings, the Pantry 833/BP/Kangaroo Gas site is considered a REC.
- The former Wateree Chemical Site has been investigated by SCDHEC and or the EPA in 1991, 2001 and 2007. Contamination identified at the site by these agencies was not significant enough to prompt further remedial action or investigation under the current land use scenario.

S&ME performed a Limited Phase II Assessment (May 24, 2011) of the areas downgradient of the former Wateree Chemical site in conjunction with this Phase I ESA. The purpose of the Limited Phase II Assessment was to determine the downgradient extent of contamination and stream impact for the purpose of establishing an appropriate site boundary to eliminate the potential of acquiring environmentally impacted property as part of the Conder MEGA Site land acquisition. Groundwater and creek surface water samples did not indicate the presence of VOCs, SVOCs, or pesticides at the locations sampled. Concentrations of metals were determined to be with in the range of naturally occurring elements. However, traces of MEK were identified in two sediment samples collected from the tributary to Gillies Creek suggesting potential impact from Wateree Chemical as no other immediate source was identified. Based on these findings, it is our opinion that the former Wateree Chemical site does not constitute a REC in connection with the subject site at this time provided the Conder property line is established east of the tributary to Gillies Creek.

• In our opinion, the remaining 11 identified off-site regulated facilities do not appear to constitute a REC in connection with the subject site at this time based on topographic position relative to the site, inferred direction of groundwater flow, distance, or regulatory status.

• <u>Vapor Encroachment</u>

On the Pantry 833/BP/Kangaroo Gas site, monitoring wells #12, #13, and 2B (removed in 2007) were located 115 feet, 111 feet, and 112 feet, respectively, from the eastern boundary of the subject property. The contaminate levels in 2007 exceed the RBSLs for most petroleum constituents. Based on the relative proximity, sandy soils in the area, and apparent groundwater flow toward the subject site, a Vapor Encroachment Condition (VEC) cannot be ruled out.

8.3 Data Failure

Data failure encountered during the performance of the Phase I ESA is that the operational history of the site was not able to be traced in approximately 5-year intervals, because standard historical sources, such as additional aerials photographs or Sanborn Maps, were not readily ascertainable to obtain the information. A chain of title was not provided for review of AULs, ECs, or environmental liens. Two landowners (Salane and Boston) did not respond to the Environmental Questionnaires. These data failures are not considered significant data gaps based on previous site use (farmland and timberland) and the user/owner (Conder) of the site was unaware of any environmental liens, AULs, or ECs with the site and no records with local, state, or federal authorities indicated these items.

9.0 CONCLUSIONS

S&ME has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-05 of the 1,465-acre site located northwest of the intersection of Interstate 20 and U.S. Highway 601 in Lugoff, Kershaw County, South Carolina. This assessment has revealed no evidence of RECs in connection with the subject site except for the following:

• Pantry 833/BP/Kangaroo Gas, an active gas station with documented petroleum releases located just east and upgradient of the subject site

10.0 DEVIATIONS

S&ME has endeavored to perform this Phase I ESA in conformance with the scope and limitations of ASTM E 1527-05. The environmental professionals who performed the Phase I ESA did not feel the need to deviate from the standard.

11.0 ADDITIONAL SERVICES

A Protected Species Assessment, Cultural Resources Assessment, Wetland Delineation, a Geotechnical Assessment, and a Limited Phase II Assessment were performed in conjunction with this assessment and are presented under separate covers. No other additional services were performed for this assessment.

12.0 REFERENCES

- 1. ASTM Standards on Environmental Site Assessments for Commercial Real Estate. E 1527-05, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. American Society for Testing and Materials (ASTM), Philadelphia, PA, 2005.
- 2. Groundwater Sampling Report. ATC Associates, February 2007.
- 3. Limited Phase II Assessment. S&ME, Inc. May 24, 2011.
- 4. Soil Survey of Kershaw County Area, South Carolina, United States Department of Agriculture, Soil Conservation Service, 1989.
- 5. United States Geological Survey (USGS), 7.5-minute Series, Topographic Maps, *Lugoff, S.C.* Quadrangle (1953), *Camden, S.C.* (1948), and *Hagood, S.C.* (1938 and 1945).

13.0 SIGNATURE(S) OF ENVIRONMENTAL PROFESSIONAL(S)

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professionals as defined in Section 312.10 of 40 CFR 312. We have the specific qualifications based on education, training and experience to assess a property of the nature, history and setting of the subject site. We have developed and performed the All Appropriate Inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Chris Daves, P.W.S. Biologist

Tom Behnke, P.G. Environmental Department Manager

14.0 QUALIFICATION(S) OF ENVIRONMENTAL PROFESSIONAL(S)

The environmental professionals for this project are Mr. Chris Daves and Mr. Tom Behnke, P.G. Mr. Daves and Mr. Behnke meet the qualifications per 312.10 of 40 CFR Part 312. Mr. Daves has a B.S. in Biology and a M.S. in Earth and Environmental Resources Management and over 10 years relevant work experience in environmental consulting. He has performed hundreds of environmental assessments for real estate transactions in South Carolina, North Carolina, and Georgia. He has also attended ASTM training for Phase I ESAs.

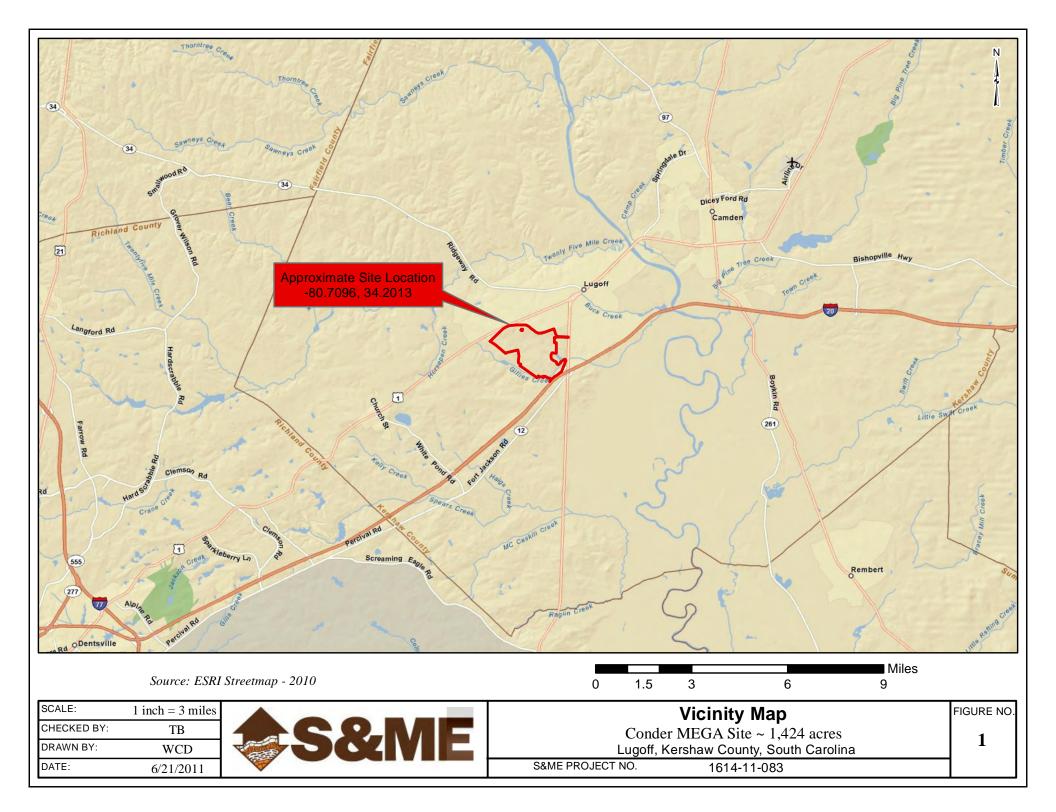
Mr. Behnke is the Environmental Department Manager in Kershaw, South Carolina and is a Senior Hydrogeologist with over 20 years of experience. Projects he has managed include groundwater contaminant and flow evaluations; and Phase I & Phase II environmental assessments for real estate transactions. Mr. Behnke is a senior reviewer for S&ME and has also attended ASTM training for Phase I ESAs.

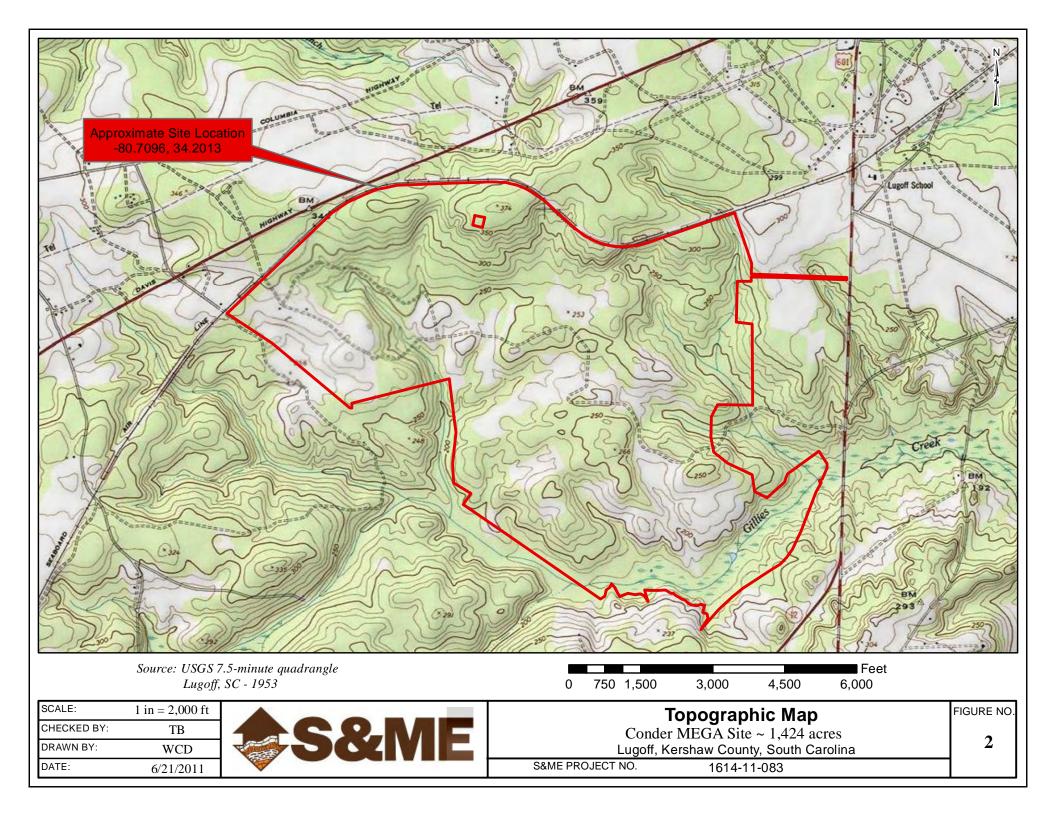
APPENDIX A

FIGURES

FIGURE 1 – VICINITY MAP FIGURE 2 – TOPOGRAPHIC MAP FIGURE 3 – AERIAL MAP

SITE PHOTOGRAPHS





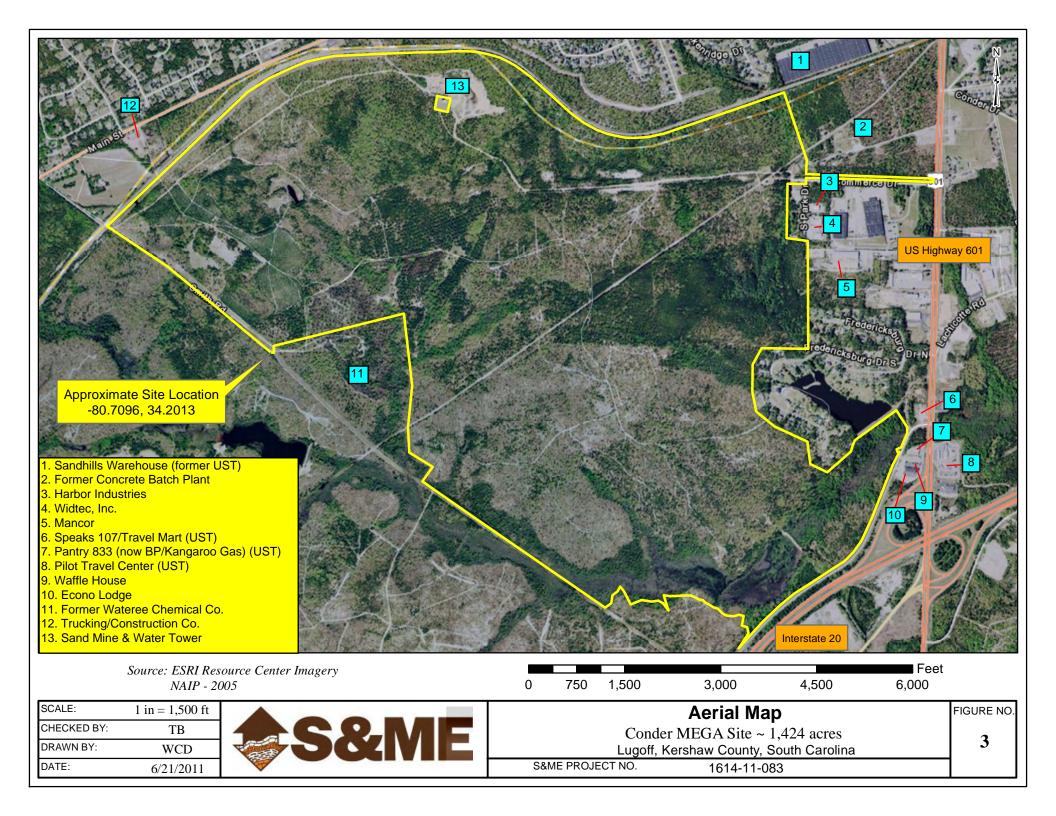






Photo #1 Timberland typical of the southern portion of site.



Photo #3 Timberland typical of the eastern portion of site.



Photo #2Timberland typical of the northern
portion of site.



Photo #4 Sand mine on northern portion of site.



Photo #5 Sand mine on northern portion of site.



Photo #6 Lugoff Water System water tower within the interior of the northern portion of the site. Not part of site.





Photo #7 Debris from former concrete batch plant located northeast of the site.



Photo #9 Concrete building on former Wateree Chemical Co. located west of the site.



Photo #11 Chemical drain pipes protruding from Wateree Chemical building



Photo #8 Debris from former concrete batch plant located northeast of the site.



Photo #10 Concrete building on former Wateree Chemical Co. located west of the site.



Photo #12 View of chemical collection trough with drains inside Wateree Chemical building.





Photo #13 View of empty drum in tributary to Gillies Creek downhill from Wateree Chemical site.



Photo #14 Typical wetland area on the site.



Photo #15 Pond on southeastern portion of site.



Photo #16 Pond on northwestern portion of site.

APPENDIX B

HISTORICAL RESEARCH DOCUMENTATION

Conder MEGA Site

US 601 Lugoff, SC 29078

Inquiry Number: 3009235.2 March 09, 2011

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

Site Name: Conder MEGA Site US 601 Lugoff, SC 29078	Client Name: S&ME, Inc. 134 Suber Road Columbia, SC 29210	EDR® Environmental Data Resources Inc
EDR Inquiry # 3009235.2	Contact: Chris Daves	

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by S&ME, Inc. were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name:	Conder MEGA Site
Address:	US 601
City, State, Zip:	Lugoff, SC 29078
Cross Street:	
P.O. #	NA
Project:	1614-11-083
Certification #	358A-4B32-93D9

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.



3/09/11

Sanborn® Library search results Certification # 358A-4B32-93D9

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, 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

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Recent Sales in Area	Previous Parcel	Next Parcel	Return to Main Search P	Page Kershaw Home
	(Owner and Parcel Info	ormation	
Owner Name		CONDER R JUSTIN &	Today's Date	February 22, 2011
Mailing Address		JOHN W CONDER IV	Parcel Number	309-00-00-070
		514 WALNUT ST CAMDEN SC 29020	Tax District	County (District 277F)
Location Address		68 EXCHANGE DRIVE	Zoning	I-1
Class Code (NOTE: Not Zoning Info)		MV-	<u>Acres</u>	30.22
Description		2091-84	Parcel Map	Show Parcel Map
Legal Information		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Record Type	Agricultural
<u> Town Code / Neighborhood</u>			Owner Occupied	
Generate Owner List By Radius		an fan eerste en de kerste en een werdt de bekende onderwekkend finde sekker de ste de berrik de de 1977 en 19		

2010 Value Information				Online Taxes
Land Value	<u>Improvement</u> Value	<u>Total</u> Value	<u>Taxable</u> <u>Value</u>	<u>Total</u> <u>Assessment</u>
\$ 57,400	\$ 0	\$ 57,400	\$ 3,868	\$ 155

	Building Information					
First Floor Second Floor Garage Square Footage Square Footage Square Footage						
	0	0	0			

Lot Size Information (Dimensions in Feet)						
<u>Front</u>	<u>Back</u>	<u>Left</u>	<u>Right</u>			

Sale Information						
<u>Sale Date</u>	<u>Price</u>	<u>Deed Book</u>	<u> Plat Book</u>	<u>Grantor</u>		
12-19-2006	\$ 1	2091 84	?	EASTERN LAND/TIMBER JOHN W III		

Recent Sales in Area Previous Parcel Next Parcel Return to Main Search Page Kershaw	<u>r Home</u>
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Recent Sales in Area	Previous Parcel	<u>Next Parcel</u>	<u>Return to Main</u>	<u>Search Page</u>	Kershaw Home
LIED ALE ENERGY EI VELLETEREN HEREN KONTELAAN EI HER IN DELEMINING HAND HEREN KONTENEN HEREN HAND HAND HER KONTENEN HEREN	0	wner and Parcel Informa	ation		anan oo ahaa a oo ahaala daalaa too ahaan iyo ahaan ahaa
Owner Name	EASTERN LAND	& TIMBER CO		<u>Today's Date</u>	February 22, 2011
Mailing Address	1291 COMMERC	E DRIVE		Parcel Number	309-00-00-032
	P O BOX 1502 CAMDEN SC 29	020		Tax District	County (District 277F
Location Address	1291 COMMERC	E DRIVE		Zoning	I-1
Class Code (NOTE: Not Zoning Info)	MV-			<u>Acres</u>	385.36
Description	2459-151			Parcel Map	Show Parcel Map
Legal Information	2457-286/283/	/280/277/274/272 TR-111 UP	PER HY-2341	Record Type	Agricultural
Town Code / Neighborhood				Owner Occupied	
Generate Owner List By Radius	ala aha di saha di kaci di sada sa sina di kina sa sa di saka ma falah sandami ki ki mi ki sada sa di sada di s				

2010 Value Information				Online Taxes
<u>Land</u> <u>Value</u>	<u>Improvement</u> <u>Value</u>	<u>Total</u> <u>Value</u>	<u>Taxable</u> Value	<u>Total</u> Assessment
\$ 578,000	\$ 0	\$ 578,000	\$ 49,326	\$ 1,975

	Building Information				
First Floor Second Floor Garage Square Footage Square Footage Square Footage					
1	0	0	0		

Lot Size Information (Dimensions in Feet)						
	<u>Front</u>	<u>Back</u>	<u>Left</u>	<u>Right</u>		

Sale Information Sale Date Price Deed Book Plat Book Grantor					
01-02-2009	Not Available	2459 151	Not Available	Not Available	
12-30-2008	Not Available	2457 286	Not Available	Not Available	

Recent Sales in Area Previous Parcel Next Parcel Return to Main Search Page Kershav	<u>w Home</u>
he Kershaw County Tax Assessor's Office makes every effort to produce the most accurate information possible. No warranties, expressed or in	nplied, are
rovided for the data herein, its use or interpretation. Website Updated: January 18, 2011	

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Recent Sales in Area	<u>Previous Parcel</u>	Next Parcel	Return to Main Search Page	Kershaw Home
	0	wner and Parcel Inform	nation	
<u>Owner Name</u>	COND	ER R JUSTIN ET AL	Today's Date	February 22, 2011
Mailing Address	580 SI	MITH ROAD	Parcel Number	309-00-00-031
na manana na manana na kanya kana kana kana kana kana		ALNUT ST EN SC 29020	<u>Tax District</u>	County (District 277F)
Location Address	580 SI	MITH ROAD	Zoning	I-1
<u>Class Code</u> (NOTE: Not Zoning I	nfo) MV-		Acres	212.00
Description	1689-	156 1500-16	Parcel Map	Show Parcel Map
Legal Information	1447-	205/202 680-321 IY-2723	Record Type	Agricultural
Town Code / Neighborhood			Owner Occupied	

a penger a penger ng	Online Taxes			
<u>Land</u> Value	<u>Improvement</u> <u>Value</u>	Total <u>Value</u>	<u>Taxable</u> <u>Value</u>	<u>Total</u> <u>Assessment</u>
\$ 530,000	\$ 0	\$ 530,000	\$ 18,644	\$ 745

Building Information					
<u>First Floor</u> Square Footage	<u>Garage</u> Square Footage				
0	0	0			

Lot Size Information (Dimensions in Feet)					
Front	Back	Left	<u>Right</u>		
NAME OF BUILDE AND THE OTHER OF T					

Sale Information						
Sale Date	<u>Price</u>	<u>Deed Book</u>	<u>Plat Book</u>	Grantor		
12-30-2004	\$ 1	1689 156	34 985	CONDER R JUSTIN ET AL		
12-31-2003	Not Available	1500 165	Not Available	Not Available		
09-29-2003	Not Available	1447 205	Not Available	Not Available		

Recent Sales in Area Previous Parcel	<u>Next Parcel</u>	Return to Main Search Page	<u>Kershaw Home</u>
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Recent Sales in Area	Previous Parcel	<u>Next Parcel</u>	Return to Main Search Page	Kershaw Home
9992 - 1997 -	0	wner and Parcel Infe	ormation	
Owner Name	CC	ONDER R JUSTIN ET AL	Today's Date	February 22, 2011
Mailing Address	69	0A SMITH ROAD	Parcel Number	323-00-00-014
		4 WALNUT STREET	Tax District	County (District 277F)
Location Address	69	0A SMITH ROAD	Zoning	1-1
<u>Class Code</u> (NOTE: Not Zoning I	nfo) M\	/-	Acres	294.76
Description	16	89-156 1500-16	Parcel Map	Show Parcel Map
Legal Information	14	47-205/202 680-321	Record Type	Agricultural
Town Code / Neighborhood			Owner Occupied	
Generate Owner List By Radius			a na wana ana ana any amin'ny ana amin'ny ana amin'ny ana ana amin'ny ana amin'ny amin'ny amin'ny amin'ny amin'	ar an

tertashet Houndrad ("Bhanashi albih taki Mikitak di Eur ("Bita i Hu-artis Barlier V Livashi a' Barli	Online Taxes			
<u>Land</u> <u>Value</u>	<u>Improvement</u> <u>Value</u>	<u>Total</u> Value	<u>Taxable</u> <u>Value</u>	<u>Total</u> <u>Assessment</u>
\$ 590,994	\$ 0	\$ 590,994	\$ 23,164	\$ 925

Building Information					
<u>First Floor</u> Square Footage	<u>Garage</u> Square Footage				
0	0	0			

Lot Size Information (Dimensions in Feet)						
Front	<u>Back</u>	<u>Left</u>	<u>Right</u>			

Sale Information					
Sale Date	<u>Price</u>	Deed Book	<u>Plat Book</u>	Grantor	
12-30-2004	\$1	1689 156	34 985	CONDER R JUSTIN ET AL	
12-31-2003	Not Available	1500 16	Not Available	Not Available	
09-29-2003	Not Available	1447 205	Not Available	Not Available	

Recent Sales in AreaPrevious ParcelNext ParcelReturn to Main Search PageKershaw HomeThe Kershaw County Tax Assessor's Office makes every effort to produce the most accurate information possible. No warranties, expressed or implied, are
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Recent Sales in Area	Previous Parcel	<u>Next Parcel</u>	Return to Main S	Search Page	Kershaw Home	
na o actorizator en entreventensen la premienta da contra Actorizatione da arte da contra da contra de contra d	O	wner and Parcel Ir	formation		en e	
Owner Name	COND	ER JOHN W LTD PRTNS	HP <u>Today's</u>	Date Feb	oruary 22, 2011	
Mailing Address		1280 WHITING WAY		umber 323	323-00-00-011	
na ana ang kanang 1,4 Ata ang kababata (kababata (kababata (kababata)), yang kababata (kababata), yang kababata		ALNUT STREET EN SC 29020	<u>Tax Dist</u>	rict Cou	unty (District 277F)	
Location Address		1280 WHITING WAY		I-1	I-1	
Class Code (NOTE: Not Zoning Info	>) MV-		Acres	504	1.97	
Description	832-1	50 200-230/240 IY-26	30 Parcel M	lap Sh	low Parcel Map	
Legal Information			Record 1	fype Ag	ricultural	
Town Code / Neighborhood			Owner C	Occupied		
Generate Owner List By Radius	λη τη ποι τη η φαροπητική που μετροπητική ποι τη ¹ οποιο του του του του του του του του του το		er er en		"Net der alt of fast der Nam Lange kirk inner an einen	

n (en an a faith an a fa' ann an faith ann a dh' Albann an faith ' e a 1960 NadhAll a bhAll A' Alb	2010 Value Information					
<u>Land</u> <u>Value</u>	<u>Improvement</u> <u>Value</u>	<u>Total</u> <u>Value</u>	<u>Taxable</u> <u>Value</u>	<u>Total</u> <u>Assessment</u>		
\$ 403,976	\$ 0	\$ 403,976	\$ 57,946	\$ 2,320		

Building Information						
<u>First Floor</u> Square Footage	<u>Second Floor</u> Square Footage	<u>Garage</u> Square Footage				
0	0	0				

Lot Size Information (Dimensions in Feet)						
	Front	<u>Back</u>	Left	<u>Right</u>		
Î						

Sale Information						
Sale Date	<u>Price</u>	<u>Deed Book</u>	<u>Plat Book</u>	Grantor		
12-30-1999	\$1	832 150	43 2	BLACKACRE PROPERTIES TRUST		

Recent Sales in Area	Previous Parcel	Next Parcel	Return to Main Search Page	Kershaw Home			
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provided for the data herein, its use	provided for the data herein, its use or interpretation. Website Updated: January 18, 2011						

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http://qpublic5.qpublic.net/sc_display2.php?county=sc_kershaw&KEY=323-00-00-011&

12

2/22/2011

ition <u>Today's Date</u> <u>Parcel Number</u> <u>Tax District</u>	April 12, 2011 323-00-00-006 County (District 277F)	
Parcel Number	323-00-00-006	
Tax District	County (District 277F)	
······································		
Zoning	I-1	
<u>Acres</u>	29.80	
Parcel Map	Show Parcel Map	
Record Type	Agricultural	
Owner Occupied		
-	Record Type	

	2010 Value Inf	Online Taxes		
<u>Land</u> <u>Value</u>	<u>Improvement</u> <u>Value</u>	<u>Total</u> <u>Value</u>	<u>Taxable</u> <u>Value</u>	<u>Total</u> <u>Assessment</u>
\$ 59,600	\$ 0	\$ 59,600	\$ 3,574	\$ 145

Building Information						
<u>First Floor</u> Square Footage	<u>Second Floor</u> Square Footage	Garage Square Footage				
0	0	0				

Lot Size Information (Dimensions in Feet)						
Front	<u>Back</u>	<u>Left</u>	<u>Right</u>			

Sale Information							
Sale Date	Price	<u>Deed Book</u>	<u>Plat Book</u>	<u>Grantor</u>			
01-03-1986	\$1	IY 406	12 117	SALANE MARJORIE C ETAL			

Recent Sales in AreaPrevious ParcelNext ParcelReturn to Main Search PageKershaw HomeThe Kershaw County Tax Assessor's Office makes every effort to produce the most accurate information possible. No warranties, expressed or implied, are
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Previous Parcel	<u>Next Parcel</u>	Return to Main Search Pa	ge <u>Kershaw Home</u>
٥ı	wner and Parcel Inf	ormation	
BOS	TON WILLIAM ALLAN JR	<u>Today's Date</u>	February 22, 2011
4170	C HIGHWAY 601 SOUTH	Parcel Number	324-00-00-034
		<u>Tax District</u>	County (District 277F)
4170	C HIGHWAY 601 SOUTH	Zoning	I-1
fo) RG-		Acres	3.39
WES	T OF HWY 601	<u>Parcel Map</u>	Show Parcel Map
		Record Type	
1		Owner Occupied	
	04 805 4170 1009 LAR0 4170 60) RG-	Owner and Parcel Inf BOSTON WILLIAM ALLAN JR 417C HIGHWAY 601 SOUTH 1009 DREXELGATE LANE LARGO MD 20774 417C HIGHWAY 601 SOUTH	Owner and Parcel Information BOSTON WILLIAM ALLAN JR Today's Date 417C HIGHWAY 601 SOUTH Parcel Number 1009 DREXELGATE LANE Tax District LARGO MD 20774 Tax District 417C HIGHWAY 601 SOUTH Zoning 417C HIGHWAY 601 SOUTH Zoning WEST OF HWY 601 Parcel Map Record Type Record Type

ANNAL DEBUG AND A DIONS IN BUCK SHIPP IN VICTOR VICABLE CARDS	2010 Value Information			
<u>Land</u> <u>Value</u>	<u>Improvement</u> Value	<u>Total</u> <u>Value</u>	<u>Taxable</u> <u>Value</u>	<u>Total</u> Assessment
\$ 14,500	\$ 0	\$ 14,500	\$ 14,500	\$ 870

Building Information				
<u>First Floor</u> Square Footage	Second Floor Square Footage	<u>Garage</u> Square Footage		
0	0	0		

	Lot Size Information (Dimensions in Feet)					
Ì	<u>Front</u>	Back	<u>Left</u>	<u>Right</u>		

Sale Information				
Sale Date	<u>Price</u>	<u>Deed Book</u>	<u>Plat Book</u>	Grantor
11-21-1988	\$1	JD 2274		JACOBS ROLLY W, MASTER

Press A A 4 (1997) - 1997 - 19				······
Recent Sales in Area	Previous Parcel	<u>Next Parcel</u>	Return to Main Search Page	Kershaw Home
	la a se esta companya contra contr Contra contra c	konstronditettebalastette etre trei teristettettetteteraliteratit.	and and a second final states with a second sec	ananya manana kanana
The Kershaw County Tax Assessor's	s Office makes every effort	to produce the most a	accurate information possible. No warranties,	expressed or implied, are
provided for the data berein, ite up	a or interpretation. Mehcite	Undated: January 19	2011	

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2/22/2011

Recent Sales in Area	Previous Parcel	Next Parcel	Return to Main Search Page	Kershaw Home
ער איז	0	wner and Parcel Infor	mation	
Owner Name	CAMPI	BELL CLAUDE E &	Today's Date	February 22, 2011
Mailing Address	R JUS	TIN CONDER	Parcel Number	324-00-00-001
	P O BO ELGIN	DX 87 I SC 29045	Tax District	County (District 277F)
Location Address	417B	HIGHWAY 601 SOUTH	Zoning	I-1
Class Code (NOTE: Not Zoning Info) MV-		Acres	81.37
Description	388-1	98 339-247 JD-3138/1810	Parcel Map	Show Parcel Map
Legal Information			Record Type	Agricultural
Town Code / Neighborhood			Owner Occupied	
Generate Owner List By Radius				

2010 Value Information				Online Taxes
<u>Land</u> Value	<u>Improvement</u> <u>Value</u>	<u>Total</u> <u>Value</u>	<u>Taxable</u> <u>Value</u>	<u>Total</u> <u>Assessment</u>
\$ 203,425	\$ 0	\$ 203,425	\$ 9,451	\$ 380

Building Information				
<u>First Floor</u> Square Footage	<u>Second Floor</u> Square Footage	<u>Garage</u> Square Footage		
0	0	0		

(Lot Size Information (Dimensions in Feet)				
	<u>Front</u>	<u>Back</u>	<u>Left</u>	Right	

Sale Information				
Sale Date	<u>Price</u>	Deed Book	<u>Plat Book</u>	Grantor
11-15-1995	\$ 70,000	388 198	12 117	CAMPBELL CLAUDE E &

2000 million and an annual a characterization of the control of the control of the control of the control of the				
Recent Sales in Area	Previous Parcel	Next Parcel	Return to Main Search Page	Kershaw Home
www.pressessessessessessessessessessessessess	bernere en der soneren i en		and a second	entrepresentation de la company de la comp
The Kershaw County Tax Assessor'	s Office makes every effort	to produce the most a	ccurate information possible. No warranties,	expressed or implied, are
provided for the data herein, its us	e or interpretation. Website	Updated: January 18,	2011	
provided for the data herein, its us	e or interpretation. Website	Updated: January 18,	2011	

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APPENDIX C

ENVIRONMENTAL DATABASE REPORT

Conder MEGA Site

US 601 Lugoff, SC 29078

Inquiry Number: 3009235.1s March 09, 2011

The EDR Radius Map[™] Report



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

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GEOCHECK ADDENDUM

GeoCheck - Not Requested

Thank you for your business. Please contact EDR at 1-800-352-0050 with any questions or comments.

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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 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

US 601 LUGOFF, SC 29078

COORDINATES

Latitude (North):	34.198700 - 34° 11' 55.3"
Longitude (West):	80.709100 - 80° 42' 32.8"
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	526801.9
UTM Y (Meters):	3784031.0
Elevation:	227 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	34080-B6 LUGOFF, SC
Most Recent Revision:	1953

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 National Priority List Sites
NPL LIENS	

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY...... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators

Federal institutional controls / engineering controls registries

US ENG CONTROLS...... Engineering Controls Sites List US INST CONTROL....... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent CERCLIS

SHWS______ Site Assessment Section Project List

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

AST_____Aboveground Storage Tank List INDIAN UST_____Underground Storage Tanks on Indian Land FEMA UST_____Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

RCR..... Registry of Conditional Remedies

State and tribal voluntary cleanup sites

VCP.....Voluntary Cleanup Sites INDIAN VCP....Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

ODI	Open Dump Inventory
DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations
SWRCY	Solid Waste Recycling Facilities

Local Lists of Hazardous waste / Contaminated Sites

US CDL	Clandestine Drug Labs
ALLSITES	_ Site Assessment & Remediation Public Record Database
CDL	_ Clandestine Drug Lab Sites
US HIST CDL	National Clandestine Laboratory Register

Local Land Records

LIENS 2	CERCLA Lien Information
LUCIS	Land Use Control Information System

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
SPILLS	

Other Ascertainable Records

DOT OPS	
	Department of Defense Sites
	Formerly Used Defense Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
MINES	_ Mines Master Index File
TRIS	Toxic Chemical Release Inventory System
TSCA	_ Toxic Substances Control Act
FTTS	_ FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide
	Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	_ Material Licensing Tracking System
RADINFO	Radiation Information Database
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System
UIC	. Underground Injection Wells Listing
DRYCLEANERS	
NPDES	Waste Water Treatment Facilities Listing

AIRS	Permitted Airs Facility Listing
INDIAN RESERV	
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
COAL ASH	Coal Ash Disposal Sites
COAL ASH DOE	Sleam-Electric Plan Operation Data

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS list

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System 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). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 11/30/2010 has revealed that there is 1 CERCLIS site within approximately 1.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WATEREE CHEMICAL COMPANY-LUGOF	1 MILE SW OF LUGOFF TO	WNW 1 - 2 (1.419 mi.)	9	33

Federal RCRA generators list

RCRA-SQG: 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.

A review of the RCRA-SQG list, as provided by EDR, and dated 02/17/2010 has revealed that there is 1 RCRA-SQG site within approximately 1.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MANCOR SC INC	1255-A COMMERCE DRIVE	ENE 1 - 2 (1.076 mi.)	A4	12

RCRA-CESQG: 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.

A review of the RCRA-CESQG list, as provided by EDR, and dated 02/17/2010 has revealed that there is 1 RCRA-CESQG site within approximately 1.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DANA OFF HWY PRODUCTS LLC	1255 COMMERCE DR	ENE 1 - 2 (1.076 mi.)	A3	10

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 12/20/2010 has revealed that there is 1 SWF/LF site within approximately 1.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LUGOFF-ELGIN SANITARY LANDFILL		NNW 1 - 2 (1.193 mi.)	7	31

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 11/24/2010 has revealed that there is 1 LUST site within approximately 1.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PANTRY 3214 DBA FOOD CHIEF No Action Required: 06/08/93	840 HWY 1 S	NNE 1 - 2 (1.213 mi.)	8	32

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 11/24/2010 has revealed that there are 2 UST sites within approximately 1.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LITTLE PAT'S STORE	1053 HWY 1 S	NNW 1/2 - 1 (0.970 mi.)	2	9
PANTRY 3214 DBA FOOD CHIEF	840 HWY 1 S	NNE 1 - 2 (1.213 mi.)	8	32

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

RCRA-NonGen: 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 list, as provided by EDR, and dated 02/17/2010 has revealed that there are 3 RCRA-NonGen sites within approximately 1.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SCREENTEX INCORPORATED	1291 COMMERCE DR	ENE 1/2 - 1 (0.935 mi.)	1	7
DICK SMITH PONTIAC OLDS CHRYS	891 HWY 1 SOUTH	N 1 - 2 (1.148 mi.)	5	17
HENDRICKSON TRAILER SUSPENSION	1235 COMMERCE DR	ENE 1 - 2 (1.156 mi.)	6	19

GWCI: Groundwater Contamination Inventory Cases. Any site that has groundwater contamination over a federal MCL.

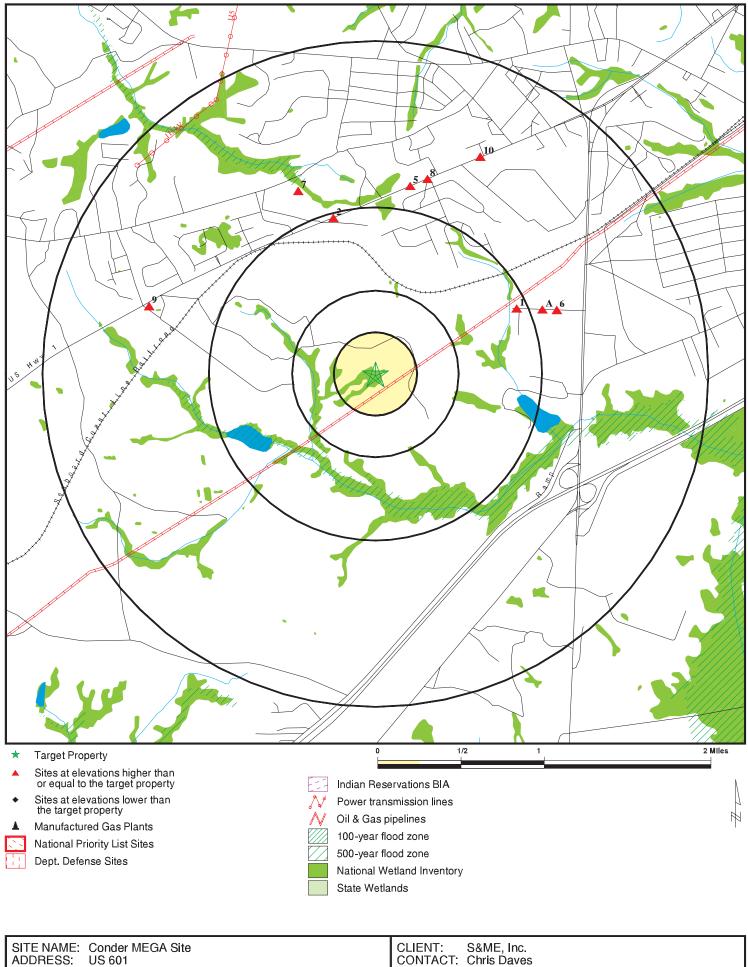
A review of the GWCI list, as provided by EDR, and dated 07/01/2008 has revealed that there is 1 GWCI site within approximately 1.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AMOCO FOOD SHOP 4	742 HWY 1 S	NNE 1 - 2 (1.450 mi.)	10	36

Due to poor or inadequate address information, the following sites were not mapped. Count: 25 records.

Site Name	Database(s)
HAZELWOOD CLEANERS #3	DRYCLEANERS, HWS
WASTE MANAGEMENT INC	LUST
HERITAGE CHEVROLET BUICK GEO	LUST
FOOD CHIEF 22	LUST,UST
VICKY MART	LUST
PRAXAIR INC	LUST,UST
PANTRY 833	LUST
PILOT TRAVEL CENTER 346	LUST
C&M GROCERY	UST
FRANK DIAL EXXON	UST
WASTE MANAGEMENT INC	UST
INVISTA SARL	UST
LUGOFF SHOP	UST
JACK KANEFT PONTIAC OLDSMOBILE	UST
LITTLE PAT'S STORE	UST
SC633	GWCI,UST
VICKY MART	UST
WOLFE MECHANICAL & EQUIPMENT CO IN	UST
PANTRY 833	GWCI,UST
SPEAKS 107	UST
PILOT TRAVEL CENTER 346	UST
INTERNATIONAL PAPER CO	UST
INVISTA SARL	RCRA-SQG
TIM HORTON BODY SHOP	RCRA-CESQG
MIDLANDS TOYOTA	RCRA-CESQG

OVERVIEW MAP - 3009235.1s



Lugoff SC 29078

34.1987 / 80.7091

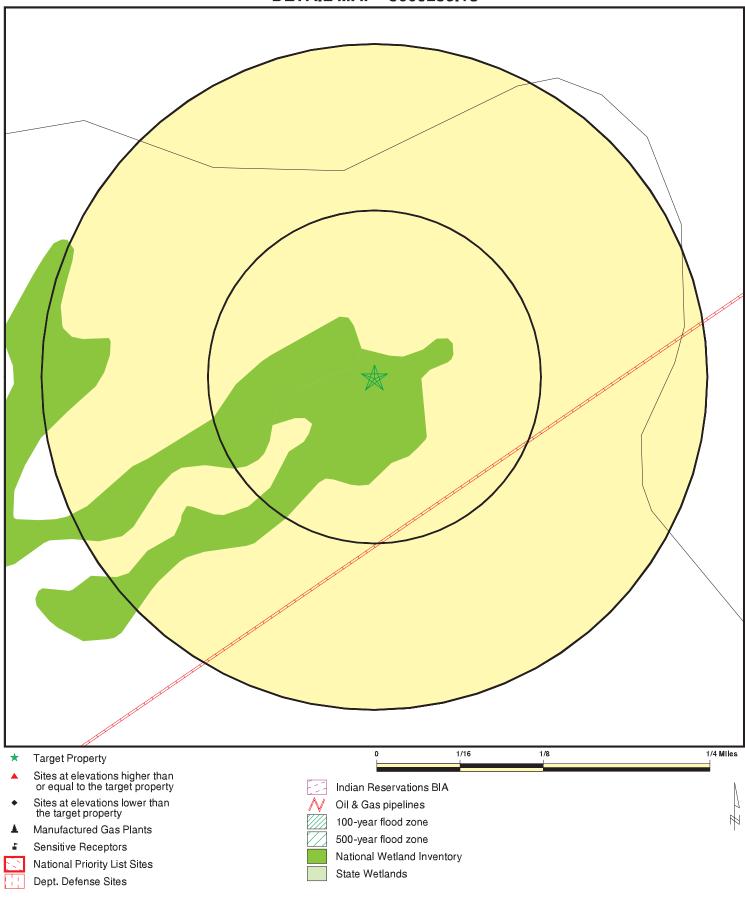
LAT/LONG:

E: March 09, 2011 10:41 am Copyright © 2011 EDR, Inc. © 2010 Tele Atlas Rel. 07/2009.

3009235.1s

INQUIRY #:

DATE:



SITE NAME: Conder MEGA Site	CLIENT: S&ME, Inc.
ADDRESS: US 601	CONTACT: Chris Daves
Lugoff SC 29078	INQUIRY #: 3009235.1s
LAT/LONG: 34.1987 / 80.7091	DATE: March 09, 2011 10:42 am
	Company and a 2011 EDD Jac & 2010 Tale Atlan Dal 07/2000

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	<u>1/2 - 1</u>	> 1	Total Plotted
STANDARD ENVIRONMEN	TAL RECORDS							
Federal NPL site list								
NPL Proposed NPL NPL LIENS		2.000 2.000 TP	0 0 NR	0 0 NR	0 0 NR	0 0 NR	0 0 NR	0 0 0
Federal Delisted NPL sit	e list							
Delisted NPL		2.000	0	0	0	0	0	0
Federal CERCLIS list								
CERCLIS FEDERAL FACILITY		1.500 2.000	0 0	0 0	0 0	0 0	1 0	1 0
Federal CERCLIS NFRA	P site List							
CERC-NFRAP		1.500	0	0	0	0	0	0
Federal RCRA CORRAC	TS facilities li	st						
CORRACTS		2.000	0	0	0	0	0	0
Federal RCRA non-COR	RACTS TSD fa	acilities list						
RCRA-TSDF		1.250	0	0	0	0	0	0
Federal RCRA generator	rs list							
RCRA-LQG RCRA-SQG RCRA-CESQG		1.250 1.250 1.250	0 0 0	0 0 0	0 0 0	0 0 0	0 1 1	0 1 1
Federal institutional con engineering controls reg								
US ENG CONTROLS US INST CONTROL		0.500 0.500	0 0	0 0	0 0	NR NR	NR NR	0 0
Federal ERNS list								
ERNS		TP	NR	NR	NR	NR	NR	0
State- and tribal - equiva	alent CERCLIS	5						
SHWS		2.000	0	0	0	0	0	0
State and tribal landfill a solid waste disposal site								
SWF/LF		1.500	0	0	0	0	1	1
State and tribal leaking	storage tank li	ists						
LUST INDIAN LUST		1.500 1.500	0 0	0 0	0 0	0 0	1 0	1 0
State and tribal registere	ed storage tan	k lists						
UST		1.250	0	0	0	1	1	2

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AST INDIAN UST FEMA UST		1.250 0.250 1.250	0 0 0	0 0 0	0 NR 0	0 NR 0	0 NR 0	0 0 0
State and tribal institution control / engineering control / engin		es.						
RCR		1.500	0	0	0	0	0	0
State and tribal voluntar	y cleanup site	es						
VCP INDIAN VCP		1.500 1.500	0 0	0 0	0 0	0 0	0 0	0 0
State and tribal Brownfie	elds sites							
BROWNFIELDS		1.500	0	0	0	0	0	0
ADDITIONAL ENVIRONMEN	ITAL RECORD	s						
Local Brownfield lists								
US BROWNFIELDS		1.500	0	0	0	0	0	0
Local Lists of Landfill / S Waste Disposal Sites	Solid							
ODI DEBRIS REGION 9 SWRCY		1.500 1.500 1.500	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0
Local Lists of Hazardous Contaminated Sites	s waste /							
US CDL ALLSITES CDL US HIST CDL		TP 1.500 TP TP	NR 0 NR NR	NR 0 NR NR	NR 0 NR NR	NR 0 NR NR	NR 0 NR NR	0 0 0 0
Local Land Records								
LIENS 2 LUCIS		TP 1.500	NR 0	NR 0	NR 0	NR 0	NR 0	0 0
Records of Emergency I	Release Repo	rts						
HMIRS SPILLS		TP TP	NR NR	NR NR	NR NR	NR NR	NR NR	0 0
Other Ascertainable Rec	ords							
RCRA-NonGen DOT OPS DOD FUDS CONSENT ROD UMTRA MINES		1.250 TP 2.000 2.000 2.000 2.000 1.500 1.250	0 NR 0 0 0 0 0	0 NR 0 0 0 0 0	0 NR 0 0 0 0 0	1 NR 0 0 0 0 0	2 NR 0 0 0 0 0	3 0 0 0 0 0 0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	ŏ
FTTS		TP	NR	NR	NR	NR	NR	õ
HIST FTTS		TP	NR	NR	NR	NR	NR	Õ
SSTS		TP	NR	NR	NR	NR	NR	Ō
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
GWCI		1.500	0	0	0	0	1	1
UIC		TP	NR	NR	NR	NR	NR	0
DRYCLEANERS		1.250	0	0	0	0	0	0
NPDES		TP	NR	NR	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
INDIAN RESERV		2.000	0	0	0	0	0	0
SCRD DRYCLEANERS		1.500	0	0	0	0	0	0
COAL ASH EPA		1.500	0	0	0	0	0	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0
COALASH		1.500	0	0	0	0	0	0
COAL ASH DOE		TP	NR	NR	NR	NR	NR	0
EDR PROPRIETARY RECOR	RDS							
EDR Proprietary Records	5							
Manufactured Gas Plants		2.000	0	0	0	0	0	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

1 ENE 1/2-1 0.935 mi.	SCREENTEX INCORPORATED 1291 COMMERCE DR LUGOFF, SC 29078	RCRA-NonGen 1000575996 FINDS SCD987584711
4938 ft.		
Relative:	RCRA-NonGen:	
Higher	Date form received by agency	<i>r</i> :12/01/2008
5	Facility name:	WE THREE VENTURES
Actual:	Facility address:	1291 COMMERCE DRIVE
258 ft.		LUGOFF, SC 29078
	EPA ID:	SCD987584711
	Mailing address:	WHITE PINES CIRCLE
	Contact:	CAMDEN, SC 29020 HAROLD ROBINSON
	Contact address:	WHITE PINES CIR
		CAMDEN, SC 29020
	Contact country:	US
	Contact telephone:	(803) 427-3301
	Contact email:	Not reported
	EPA Region:	04
	Land type:	Private
	Classification:	Non-Generator
	Description:	Handler: Non-Generators do not presently generate hazardous waste
	Owner/Onereter Summers	
	Owner/Operator Summary: Owner/operator name:	HAROLD ROBINSON
	Owner/operator address:	WHITE PINES CIR
		CAMDEN, SC 29020
	Owner/operator country:	US
	Owner/operator telephone:	(803) 432-4016
	Legal status:	Private
	Owner/Operator Type:	Owner
	Owner/Op start date:	01/01/0001
	Owner/Op end date:	Not reported
	Owner/operator name:	LAVERN GEDDINGS
	Owner/operator address:	LIBERTY HILL RD
		CAMDEN, SC 29020
	Owner/operator country:	US
	Owner/operator telephone:	(803) 713-8810
	Legal status: Owner/Operator Type:	Private
	Owner/Op start date:	Operator 07/10/2008
	Owner/Op end date:	Not reported
	owner/op ond date.	
	Handler Activities Summary:	
	U.S. importer of hazardous wa	aste: No
	Mixed waste (haz. and radioa	ctive): No
	Recycler of hazardous waste:	
	Transporter of hazardous was	
	Treater, storer or disposer of	
	Underground injection activity	
	On-site burner exemption:	No
	Furnace exemption: Used oil fuel burner:	No No
	Used oil processor:	No
	User oil refiner:	No
		··

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

	(Continued) 1000575996
Used oil fuel marketer to burn	ner: No
Used oil Specification marke	ter: No
Used oil transfer facility:	No
Used oil transporter:	No
Off-site waste receiver:	Verified to be non-commercial
Historical Generators:	
Date form received by agend	y: 07/10/2008
Facility name:	WE THREE VENTURES
Classification:	Large Quantity Generator
Date form received by agence	
Facility name:	WE THREE VENTURES
Site name:	SCREENTEX INC.
Classification:	Conditionally Exempt Small Quantity Generator
Date form received by agence	•
Facility name:	WE THREE VENTURES
Site name:	SCREENTEX INC.
Classification:	Small Quantity Generator
Hazardous Waste Summary:	
Waste code:	D001
Waste name:	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT O
waste name.	LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS
	CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE
	FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET,
	WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE
	MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT
	WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Waste code:	D002
Waste name:	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS
	CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A
	CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN
	OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS
	USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN
	THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE
	DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Waste code:	D018
	BENZENE
Waste name:	DENZENE
Waste code:	
Waste name:	TETRACHLOROETHYLENE
Violation Status:	No violations found
Evaluation Action Summary:	
Evaluation date:	08/10/2000
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State

FINDS:

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

	SCREENTEX INCORPORATED (Continued)			1000575996
	Registry ID:	110002247792		
	Si in vi su in pr	est/Information System C-EFIS (South Carolina - Environmental Facility Information System) tegrates information on environmental facilities, permits, olations, enforcement actions, and compliance activities needed to upport regulatory requirements and target environmental quality nprovements for the water, air, solid waste, and hazardous waste rogram areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.		
	C ev ar pr	CRAInfo is a national information system that supports the Resource onservation and Recovery Act (RCRA) program through the tracking of vents and activities related to facilities that generate, transport, nd treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA rogram staff to track the notification, permit, compliance, and prrective action activities required under RCRA.		
2 NNW 1/2-1 0.970 mi. 5123 ft.	LITTLE PAT'S STORE 1053 HWY 1 S LUGOFF, SC		UST	U003665629 N/A
Relative:	UST: Facility ID:	5402		
Higher	Owner:	LITTLE PAT'S STORE		
Actual: 282 ft.	Owner Contact: Owner Address: Owner City,St,Zip: Owner Phone: Contact: Contact Tel:	JAMIE PATTERSON 1053 HWY 1 S LUGOFF, SC 803-438-5668 JAMIE PATTERSON 803-438-5668		
	Tank ID:	1		
	Capacity: Product:	2000 Kerosene		
	Calcage: Status:	Not reported Abandoned		
	Tank ID: Capacity: Product: Calcage: Status:	2 4000 Gasoline Not reported Abandoned		
	Tank ID: Capacity: Product: Calcage: Status:	3 4000 Gasoline Not reported Abandoned		
	Tank ID: Capacity:	4 4000		

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

	LITTLE PAT'S STORE (Continued)		U003665629
	Calcage:	Gasoline Not reported Abandoned	
	Capacity: Product: Calcage:	5 2000 Diesel Not reported Abandoned	
A3 ENE > 1 1.076 mi.	DANA OFF HWY PRODUCTS LL 1255 COMMERCE DR LUGOFF, SC 29078	_C RCRA-CESQG	1010332050 SCR000769141
5682 ft. Relative: Higher Actual: 269 ft.	Site 1 of 2 in cluster A RCRA-CESQG: Date form received by agent Facility name: Facility address: EPA ID: Mailing address: Contact: Contact address: Contact country: Contact telephone: Contact telephone: Contact email: EPA Region: Land type: Classification: Description:	cy: 02/21/2008 DANA OFF HWY PRODUCTS LLC 1255 COMMERCE DR LUGOFF, SC 29078 SCR000769141 COMMERCE DR LUGOFF, SC 29078 GENE LAWRENCE COMMERCE DR LUGOFF, SC 29078 US (419) 535-4882 Not reported 04 Private Conditionally Exempt Small Quantity Generator Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste	
	Owner/Operator Summary: Owner/operator name: Owner/operator address: Owner/operator country: Owner/operator telephone: Legal status: Owner/Operator Type:	DANA OFF HWY PRODUCTS LLC DORR ST TOLEDO, OH 43615 US (419) 535-4500 Private Operator	

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

DANA OFF HWY PRODUCTS LLC (Continued)

		(00)	lindedy
	Owner/Op start date:	02/01	/2008
	Owner/Op end date:	Not re	eported
	· · · · · · · · · · · · · · · · · · ·		
	Owner/operator name:	DAN	A CORP
	Owner/operator address:	DOR	R ST
			EDO, OH 43615
	Owner/operator country:	US	
	Owner/operator telephone:		535-4500
	Legal status:	Priva	
	Owner/Operator Type:	Opera	
	Owner/Op start date:		//2007
	Owner/Op end date:		/2008
	Owner/Op end date.	02/01	/2008
	Owner/operator name:	DAN	A OFF HWY PRODUCTS LLC
	Owner/operator address:	DOR	
	owner/operator address.		EDO, OH 43615
	Owner/operator country:	US	200; 01143013
			535-4500
	Owner/operator telephone:		
	Legal status:	Priva	
	Owner/Operator Type:	Owne	
	Owner/Op start date:		/2008
	Owner/Op end date:	NOLI	eported
	Owner/operator name:	ΠΔΝΙ	A CORP
	Owner/operator address:	DOR	
			EDO, OH 43615
	Owner/operator country:	US	
	Owner/operator telephone:		535-4500
	Legal status:	Priva	
	Owner/Operator Type:	Owne	
	Owner/Op start date:		/2007
	Owner/Op end date:		/2008
	Owner/Op end date.	02/01	/2008
H	andler Activities Summary:		NI-
	U.S. importer of hazardous wa		No
	Mixed waste (haz. and radioad	ctive):	No
	Recycler of hazardous waste:		No
	Transporter of hazardous was		No
	Treater, storer or disposer of H		No
	Underground injection activity:		No
	On-site burner exemption:		No
	Furnace exemption:		No
	Used oil fuel burner:		No
	Used oil processor:		No
	User oil refiner:		No
	Used oil fuel marketer to burne		No
	Used oil Specification markete	er:	No
	Used oil transfer facility:		No
	Used oil transporter:		No
	Off-site waste receiver:		Commercial status unknown
U	niversal Waste Summary:		
	······································		

Universal Waste Summary: Waste type: Batteries

waste type.	Dallenes
Accumulated waste on-site:	No
Generated waste on-site:	Not reported

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

	DANA OFF HWY PRODUCTS LLC	C (Continued)	1010332050
	Waste type: Accumulated waste on-site: Generated waste on-site:	Lamps No Not reported	
	Waste type: Accumulated waste on-site: Generated waste on-site:	Pesticides No Not reported	
	Waste type: Accumulated waste on-site: Generated waste on-site:	Thermostats No Not reported	
	Historical Generators: Date form received by agency Facility name: Site name: Classification: Violation Status:	r: 06/07/2007 DANA OFF HWY PRODUCTS LLC DANA CORPORATION Conditionally Exempt Small Quantity Generator No violations found	
	Evaluation Action Summary: Evaluation date: Evaluation: Area of violation: Date achieved compliance: Evaluation lead agency:	06/18/2007 COMPLIANCE ASSISTANCE VISIT Not reported Not reported State	
A4 ENE > 1 1.076 mi.	MANCOR SC INC 1255-A COMMERCE DRIVE LUGOFF, SC 29078	RCRA-SQG FINDS AIRS	1000180156 SCD183773472
5682 ft.	Site 2 of 2 in cluster A		
Relative: Higher	RCRA-SQG: Date form received by agency Facility name:	/: 07/08/1994 MANCOR SC INC	
Actual: 269 ft.	Facility address:	1255-A COMMERCE DRIVE LUGOFF, SC 29078 SCD183773472	
	Mailing address:	COMMERCE DRIVE LUGOFF, SC 29078	
	Contact: Contact address:	JACK LOSTETTER 1255-A COMMERCE DRIVE LUGOFF, SC 29078	
	Contact country: Contact telephone: Contact email: EPA Region: Land type: Classification: Description:	US (803) 438-6845 Not reported 04 Private Small Small Quantity Generator Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time	

Owner/Operator Summary:

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

1000180156

MANCOR SC INC (Continued)

	100100100
Owner/operator name:	P HANSEN/P OSTBERG/J VAN DEN ELZEN
Owner/operator address:	1255A COMMERCE DR
	LUGOFF, SC 29078
Owner/operator country:	Not reported
Owner/operator telephone:	(803) 438-6845
Legal status:	Private
Owner/Operator Type: Owner/Op start date:	Owner Not reported
Owner/Op end date:	Not reported
owner/op end date.	Notreponed
Owner/operator name:	OPERNAME
Owner/operator address:	OPERSTREET
	OPERCITY, WY 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(404) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported
Londor Activition Summory	
Handler Activities Summary: U.S. importer of hazardous wa	aste: No
Mixed waste (haz. and radioa	
Recycler of hazardous waste:	
Transporter of hazardous was	
Treater, storer or disposer of I	
Underground injection activity	
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burn	
Used oil Specification markete	
Used oil transfer facility: Used oil transporter:	No No
Off-site waste receiver:	Verified to be non-commercial
on site waste receiver.	
Hazardous Waste Summary:	
Waste code:	D001
Waste name:	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF
	LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS
	CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE
	FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET,
	WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE
	MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT
	WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Waste code:	D006
Waste name:	CADMIUM
Waste code:	D007
Waste name:	CHROMIUM
Wasta codo:	D008
Waste code: Waste name:	D008 LEAD

Database(s)

EDR ID Number EPA ID Number

MANCOR SC INC (Continued)	1000180156
Waste code: Waste name:	D018 BENZENE
Waste code:	D039
Waste name:	TETRACHLOROETHYLENE
Waste code:	F005
Waste name:	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Facility Has Received Notices of	Violations:
Regulation violated:	Not reported
Area of violation:	TSD IS-Container Use and Management
Date violation determined:	09/10/2009
Date achieved compliance:	12/10/2009
Violation lead agency:	State
Enforcement action:	Not reported
Enforcement action date:	09/24/2009
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported
Enforcement lead agency:	State
Proposed penalty amount:	Not reported
Final penalty amount:	Not reported
Paid penalty amount:	Not reported
Regulation violated:	Not reported
Area of violation:	Generators - Pre-transport
Date violation determined:	09/10/2009
Date achieved compliance:	12/10/2009
Violation lead agency:	State
Enforcement action:	Not reported
Enforcement action date:	09/24/2009
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported
Enforcement lead agency:	State
Proposed penalty amount:	Not reported
Final penalty amount:	Not reported
Paid penalty amount:	Not reported
Regulation violated:	Not reported
Area of violation:	Generators - General
Date violation determined:	10/01/1991
Date achieved compliance:	11/01/1991
Violation lead agency:	State
Enforcement action:	Not reported
Enforcement action date:	10/01/1991
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported
Enforcement lead agency:	State
Proposed penalty amount:	Not reported
Final penalty amount:	Not reported
Paid penalty amount:	Not reported

Database(s)

EDR ID Number EPA ID Number

MANCOR SC INC (Continued)

IANCOR SC INC (Continued)	
Regulation violated: Area of violation: Date violation determined: Date achieved compliance: Violation lead agency: Enforcement action date: Enf. disposition status: Enf. disp. status date: Enforcement lead agency: Proposed penalty amount: Final penalty amount: Paid penalty amount:	Not reported Generators - General 04/18/1990 10/24/1990 State FINAL 3008(A) COMPLIANCE ORDER 10/24/1990 Not reported Not reported State 2250 2250 Not reported
Regulation violated: Area of violation: Date violation determined: Date achieved compliance: Violation lead agency: Enforcement action date: Enf. disposition status: Enf. disp. status date: Enforcement lead agency: Proposed penalty amount: Final penalty amount: Paid penalty amount:	Not reported Generators - General 04/18/1990 10/24/1990 State WRITTEN INFORMAL 05/31/1990 Not reported Not reported State Not reported Not reported Not reported Not reported Not reported
Evaluation Action Summary: Evaluation date: Evaluation: Area of violation: Date achieved compliance: Evaluation lead agency:	12/10/2009 COMPLIANCE SCHEDULE EVALUATION Generators - Pre-transport 12/10/2009 State
Evaluation date:	12/10/2009
Evaluation:	COMPLIANCE SCHEDULE EVALUATION
Area of violation:	TSD IS-Container Use and Management
Date achieved compliance:	12/10/2009
Evaluation lead agency:	State
Evaluation date:	09/10/2009
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - Pre-transport
Date achieved compliance:	12/10/2009
Evaluation lead agency:	State
Evaluation date:	09/10/2009
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	TSD IS-Container Use and Management
Date achieved compliance:	12/10/2009
Evaluation lead agency:	State
Evaluation date:	03/04/1993
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported

Database(s)

EDR ID Number EPA ID Number

MANCOR SC INC (Continued)

Evaluation lead agency: State Evaluation date: 03/23/1992 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE Area of violation: Not reported Date achieved compliance: Not reported Evaluation lead agency: State 11/01/1991 Evaluation date: Evaluation: COMPLIANCE SCHEDULE EVALUATION Area of violation: Not reported Date achieved compliance: Not reported Evaluation lead agency: State Evaluation date: 09/20/1991 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE Generators - General Area of violation: Date achieved compliance: 11/01/1991 Evaluation lead agency: State Evaluation date: 04/18/1990 COMPLIANCE EVALUATION INSPECTION ON-SITE Evaluation: Area of violation: Generators - General Date achieved compliance: 10/24/1990 Evaluation lead agency: State FINDS:

Registry ID: 110002100271

Environmental Interest/Information System

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

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.

AIRS:

Operate Status:	Not reported
Year Inv:	Not reported
Emissions Contact:	DILIP TEPPARA
Contact Telephone:	8034386845
Mail Address:	397A HWY 601 S
Mailing City:	LUGOFF
Mail State:	SC
Mail Zip:	290788921
Latitude/Longitude:	341259 / 804201
Source Industrial Code (Sic):	3714
Naics Code:	336399
State Permit Number:	1380-0033

Database(s)

EDR ID Number EPA ID Number

	MANCOR SC INC (Continued)				1000180156
	. ,				
	State Permit Type:	Not re			
	Pollutant Description:	Not re			
	Estimated Emissions (Tons/Yr	'r): Not re	ported		
5 North > 1 1.148 mi. 6063 ft.	DICK SMITH PONTIAC OLDS CHR 891 HWY 1 SOUTH LUGOFF, SC 29078	RYS		RCRA-NonGen FINDS	1000875711 SC0000006858
Relative: Higher	RCRA-NonGen: Date form received by agency	v: 06/06/199	95		
nighei	Facility name:		ITH PONTIAC OLDS CHRYS		
Actual:	Facility address:		1 SOUTH		
351 ft.	r donity dddroool		, SC 29078		
	EPA ID:	SC00000			
	Mailing address:	HWY 1 S			
			, SC 29078		
	Contact:	MARK W			
	Contact address:		1 SOUTH		
		LUGOFF,	, SC 29078		
	Contact country:	US			
	Contact telephone:	(803) 438	3-9160		
	Contact email:	Not report			
	EPA Region:	·			
	Classification:	Classification: Non-Generator			
	Description:	Handler: I	Non-Generators do not presently generate haza	ardous waste	
	Owner/Operator Summary: Owner/operator name: Owner/operator address: Owner/operator country: Owner/operator telephone: Legal status: Owner/Operator Type: Owner/Op start date: Owner/Op end date:		7 1 SOUTH , SC 29078 ted 2-9338 ted		
	Handler Activities Summary:				
	U.S. importer of hazardous wa	aste: No			
	Mixed waste (haz. and radioad				
	Recycler of hazardous waste:				
	Transporter of hazardous was	ste: No			
	Treater, storer or disposer of H	HW: No			
	Underground injection activity	/: No			
	On-site burner exemption:	No			
	Furnace exemption:	No			
	Used oil fuel burner:	No			
	Used oil processor:	No			
	User oil refiner:	No			
	Used oil fuel marketer to burne				
	Used oil Specification markete				
	Used oil transfer facility:	No			
	Used oil transporter:	No			
	Off-site waste receiver:	Ver	rified to be non-commercial		

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

DICK SMITH PONTIAC OLI	DS CHRYS (Continued)	1000875711
Hazardous Waste Summa Waste code:	ary: D001	
Waste name:	IGNITABLE HAZARDOUS WASTES ARE THOSE WAS LESS THAN 140 DEGREES FAHRENHEIT AS DETERN CLOSED CUP FLASH POINT TESTER. ANOTHER ME FLASH POINT OF A WASTE IS TO REVIEW THE MATI WHICH CAN BE OBTAINED FROM THE MANUFACTU MATERIAL. LACQUER THINNER IS AN EXAMPLE OF WHICH WOULD BE CONSIDERED AS IGNITABLE HAZ	MINED BY A PENSKY-MARTENS THOD OF DETERMINING THE ERIAL SAFETY DATA SHEET, RER OR DISTRIBUTOR OF THE A COMMONLY USED SOLVENT
Waste code:	D002	
Waste name:	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GR CONSIDERED TO BE A CORROSIVE HAZARDOUS W CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USI OR DEGREASE PARTS. HYDROCHLORIC ACID, A SO USED BY MANY INDUSTRIES TO CLEAN METAL PAR THESE CAUSTIC OR ACID SOLUTIONS BECOME CO DISPOSED, THE WASTE WOULD BE A CORROSIVE F	ASTE. SODIUM HYDROXIDE, A ED BY INDUSTRIES TO CLEAN DUTION WITH A LOW PH, IS RTS PRIOR TO PAINTING. WHEN NTAMINATED AND MUST BE
Waste code:	D006	
Waste name:	CADMIUM	
Waste code:	D007	
Waste name:	CHROMIUM	
Waste code:	D008	
Waste name:	LEAD	
Waste code:	D018	
Waste name:	BENZENE	
Waste code:	D021	
Waste name:	CHLOROBENZENE	
Waste code:	D027	
Waste name:	1,4-DICHLOROBENZENE	
Waste code:	D039	
Waste name:	TETRACHLOROETHYLENE	
Waste code:	D040	
Waste name:	TRICHLOROETHYLENE	
Violation Status:	No violations found	
FINDS:		
Registry ID:	110009445083	

Environmental Interest/Information System

DICK SMITH PONTIAC OLDS CHRYS (Continued)

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.

Map ID	
Direction	
Distance	
Elevation	Site

EDR ID Number Database(s) EPA ID Number

1000875711

DICK SMITH PONTIAC OLDS CHRYS (Continued)

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.

6 ENE > 1 1.156 mi.	HENDRICKSON TRAILER SUSPE 1235 COMMERCE DR LUGOFF, SC 29078	INSION SYSTEMS	RCRA-NonGen	1007115681 SCD982092884
6101 ft.				
Relative:	RCRA-NonGen:			
Higher	Date form received by agency			
Actual:	Facility name:	HENDRICKSON TRAILER SUSPENSION SYSTEMS 1235 COMMERCE DR		
258 ft.	Facility address:	LUGOFF, SC 29078		
	EPA ID:	SCD982092884		
	Mailing address:	COMMERCE DR		
		LUGOFF, SC 29078		
	Contact:	DEVIN REYNOLDS		
	Contact address:	COMMERCE DR		
		LUGOFF, SC 29078		
	Contact country:	US		
	Contact telephone:	(803) 438-7138		
	Contact email:	Not reported		
	EPA Region:	04 Private		
	Land type: Classification:	Non-Generator		
	Description:	Handler: Non-Generators do not presently generate ha	zardous waste	
	Description.	Handler. Non Constators do not presently generate ha		
	Owner/Operator Summary:			
	Owner/operator name:	HENDRICKSON USA LLC		
	Owner/operator address:	PO BOX 800 FRONTAGE RD		
		WOODRIDGE, IL 60517		
	Owner/operator country:	US		
	Owner/operator telephone:	(630) 910-2821		
	Legal status:	Private		
	Owner/Operator Type:	Owner		
	Owner/Op start date:	01/01/2007		
	Owner/Op end date:	Not reported		
	Owner/operator name:	HENDRICKSON USA LLC		
	Owner/operator address:	PO BOX 800 FRONTAGE RD		
		WOODRIDGE, IL 60517		
	Owner/operator country:	US		
	Owner/operator telephone:	(630) 910-2821		
	Legal status:	Private		
	Owner/Operator Type:	Operator		
	Owner/Op start date:	01/01/2007		
	Owner/Op end date:	Not reported		
	Owner/operator name:	CRAIG JONES		
	Owner/operator address:	COMMERCE DR		
		LUGOFF, SC 29078		

Database(s)

EDR ID Number EPA ID Number

Owner/operator country: Owner/operator telephone:	US (803) 438-7100
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/15/2003
Owner/Op end date:	01/01/2007
Owner/operator name:	DANA CORPORATION
Owner/operator address:	4500 DORR ST TOLEDO, OH 43697
Owner/operator country:	US
Owner/operator telephone:	(419) 535-4500
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/0001
Owner/Op end date:	01/01/2007
Handler Activities Summary:	
U.S. importer of hazardous w	
Mixed waste (haz. and radioa	
Recycler of hazardous waste:	
Transporter of hazardous was	
Treater, storer or disposer of	
Underground injection activity	
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burn	
Used oil Specification market Used oil transfer facility:	No
Used oil transporter:	No
Off-site waste receiver:	Commercial status unknown
Universal Waste Summary:	
Waste type:	Batteries
Accumulated waste on-site:	No
Generated waste on-site:	Not reported
Waste type:	Lamps
Accumulated waste on-site:	No
Generated waste on-site:	Not reported
Waste type:	Pesticides
Accumulated waste on-site:	No
Generated waste on-site:	Not reported
Waste type:	Thermostats
Accumulated waste on-site: Generated waste on-site:	No Not reported
Historical Generators:	
	y:03/17/2009
Historical Generators: Date form received by agency Facility name:	/:03/17/2009 HENDRICKSON TRAILER SUSPENSION SYSTE

EDR ID Number Database(s) EPA ID Number

Date form received by a	
Facility name:	
Classification:	Small Quantity Generator
Date form received by a	agency: 02/28/2005
Facility name:	HENDRICKSON TRAILER SUSPENSION SYSTEMS
Site name:	DANA CORP RIDE & CONTROL DIV
Classification:	Small Quantity Generator
Date form received by a	agency: 01/15/2003
Facility name:	HENDRICKSON TRAILER SUSPENSION SYSTEMS
Site name:	DANA CORP RIDE & CONTROL DIV
Classification:	Small Quantity Generator
Date form received by a	agency: 09/20/2002
Facility name:	HENDRICKSON TRAILER SUSPENSION SYSTEMS
Site name:	DANA CORP SPICER HEAVY AXLE
Classification:	Large Quantity Generator
Date form received by a	
Facility name:	HENDRICKSON TRAILER SUSPENSION SYSTEMS
Site name:	DANA CORP SPICER HEAVY AXLE
Classification:	Large Quantity Generator
Date form received by a	agency: 03/27/2002
Facility name:	HENDRICKSON TRAILER SUSPENSION SYSTEMS
Site name:	DANA CORP SPICER HEAVY AXLE
Classification:	Small Quantity Generator
Date form received by a	agency: 02/19/2002
Facility name:	HENDRICKSON TRAILER SUSPENSION SYSTEMS
Site name:	DANA CORP SPICER HEAVY AXLE
Classification:	Small Quantity Generator
Date form received by a	
Facility name:	HENDRICKSON TRAILER SUSPENSION SYSTEMS
Site name:	DANA CORP SPICER HEAVY AXLE
Classification:	Small Quantity Generator
Date form received by a	agency: 10/09/1997
Facility name:	HENDRICKSON TRAILER SUSPENSION SYSTEMS
Site name:	DANA CORP SPICER HEAVY AXLE
Classification:	Conditionally Exempt Small Quantity Generator
Date form received by a	agency: 03/01/1990
Facility name:	HENDRICKSON TRAILER SUSPENSION SYSTEMS
Site name:	DANA CORPORATION - SPICER HEAVY AXLE
Classification:	
Classification:	Large Quantity Generator
Hazardous Waste Summa	ary:
Waste code:	D001
Waste name:	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPC
	LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTEN
	CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE
	FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET,
	WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF TH

 Map ID
 MAP FINDINGS

 Direction
 Distance

 Elevation
 Site

 Distance
 Database(s)

EDR ID Number
EPA ID Number

HENDRICKSON TRAILER SUSPE	ENSION SYSTEMS (Continued)	1007115681
	WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WAS	STE.
Waste code: Waste name:	D002 A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 1 CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUST OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED A DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS W	M HYDROXIDE, A RIES TO CLEAN A LOW PH, IS PAINTING. WHEN AND MUST BE
Waste code: Waste name:	D007 CHROMIUM	
Waste code: Waste name:	D008 LEAD	
Waste code: Waste name:	D035 METHYL ETHYL KETONE	
Waste code: Waste name:	F002 THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLO METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLORO CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENI BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPE SPENT SOLVENT MIXTURES.	DETHANE,) DS CONTAINING,) OF ONE OR MORE F001, F004, OR
Waste code: Waste name:	F003 THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENI ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KE ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVEN MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTU CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-H SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUI MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F00 BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AN MIXTURES.	ETONE, N-BUTYL ENT E SPENT URES/BLENDS HALOGENATED ME) OF ONE OR 15, AND STILL
Waste code: Waste name:	F005 THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUEI KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVEN CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS O LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE R THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.	; T MIXTURES/BLENDS E (BY VOLUME) OF R THOSE SOLVENTS
Facility Has Received Notices of Regulation violated: Area of violation: Date violation determined: Date achieved compliance:	f Violations: Not reported Universal Waste - Small Quantity Handlers 09/29/2009 11/23/2009	

Database(s)

EDR ID Number EPA ID Number

HENDRICKSON TRAILER SUSPE	NSION SYSTEMS (Continued)
Violation lead agency: Enforcement action: Enforcement action date: Enf. disposition status: Enf. disp. status date: Enforcement lead agency: Proposed penalty amount: Final penalty amount: Paid penalty amount:	State Not reported 10/05/2009 Not reported Not reported Not reported Not reported Not reported
Regulation violated: Area of violation: Date violation determined: Date achieved compliance: Violation lead agency: Enforcement action: Enforcement action date: Enf. disposition status: Enf. disp. status date: Enforcement lead agency: Proposed penalty amount: Final penalty amount: Paid penalty amount:	SR - 265.35 Generators - General 04/08/2002 07/11/2002 State Not reported 04/08/2002 Not reported Not reported State Not reported Not reported Not reported Not reported Not reported
Regulation violated: Area of violation: Date violation determined: Date achieved compliance: Violation lead agency: Enforcement action: Enforcement action date: Enf. disposition status: Enf. disp. status date: Enforcement lead agency: Proposed penalty amount: Final penalty amount: Paid penalty amount:	SR - 265.16 Generators - General 04/08/2002 07/11/2002 State Not reported 04/08/2002 Not reported Not reported State Not reported Not reported Not reported Not reported Not reported
Regulation violated: Area of violation: Date violation determined: Date achieved compliance: Violation lead agency: Enforcement action: Enforcement action date: Enf. disposition status: Enf. disp. status date: Enforcement lead agency: Proposed penalty amount: Final penalty amount: Paid penalty amount:	SR - 265.174 Generators - General 04/08/2002 07/11/2002 State Not reported 04/08/2002 Not reported Not reported State Not reported Not reported Not reported Not reported
Regulation violated: Area of violation: Date violation determined: Date achieved compliance: Violation lead agency:	SR - 265.173(a) Generators - General 04/08/2002 07/11/2002 State

Map ID Direction Distance Elevation Site

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

1007115681

HENDRICKSON TRAILER SUSPENSION SYSTEMS (Continued)		
Enforcement action: Enforcement action date: Enf. disposition status: Enf. disp. status date: Enforcement lead agency: Proposed penalty amount: Final penalty amount: Paid penalty amount:	Not reported 04/08/2002 Not reported Not reported State Not reported Not reported Not reported	
Regulation violated: Area of violation: Date violation determined: Date achieved compliance: Violation lead agency: Enforcement action: Enforcement action date: Enf. disposition status: Enf. disp. status date: Enforcement lead agency: Proposed penalty amount: Final penalty amount: Paid penalty amount:	SR - 265.54 Generators - General 04/08/2002 07/11/2002 State Not reported 04/08/2002 Not reported Not reported State Not reported Not reported Not reported Not reported Not reported Not reported	
Regulation violated: Area of violation: Date violation determined: Date achieved compliance: Violation lead agency: Enforcement action: Enforcement action date: Enf. disposition status: Enf. disp. status date: Enforcement lead agency: Proposed penalty amount: Final penalty amount: Paid penalty amount:	SR - 268.7(a)(1) Generators - General 11/14/1995 12/18/1995 State Not reported 11/16/1995 Not reported Not reported State Not reported Not reported Not reported Not reported Not reported Not reported	
Regulation violated: Area of violation: Date violation determined: Date achieved compliance: Violation lead agency: Enforcement action: Enforcement action date: Enf. disposition status: Enf. disp. status date: Enforcement lead agency: Proposed penalty amount: Final penalty amount: Paid penalty amount:	SR - 262.41 Generators - Records/Reporting 11/14/1995 12/18/1995 State Not reported 11/16/1995 Not reported Not reported State Not reported Not reported Not reported Not reported Not reported Not reported Not reported	
Regulation violated: Area of violation: Date violation determined: Date achieved compliance: Violation lead agency: Enforcement action:	SR - 262.43(c) Generators - Records/Reporting 11/14/1995 12/18/1995 State Not reported	

... ...

Map ID Direction Distance Elevation Site

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

HENDRICKSON TRAILER SUSPENSION SYSTEMS (Continued)		
Enforcement action date: Enf. disposition status: Enf. disp. status date: Enforcement lead agency: Proposed penalty amount:	11/16/1995 Not reported Not reported State Not reported	
Final penalty amount: Paid penalty amount:	Not reported Not reported	
Regulation violated: Area of violation: Date violation determined: Date achieved compliance: Violation lead agency: Enforcement action: Enforcement action date: Enf. disposition status: Enf. disp. status date: Enforcement lead agency: Proposed penalty amount: Final penalty amount:	SR - 265.53(b) Generators - General 11/14/1995 12/18/1995 State Not reported 11/16/1995 Not reported Not reported State Not reported Not reported Not reported Not reported Not reported Not reported	
Regulation violated: Area of violation: Date violation determined: Date achieved compliance: Violation lead agency: Enforcement action: Enforcement action date: Enf. disposition status: Enf. disp. status date: Enforcement lead agency: Proposed penalty amount: Final penalty amount: Paid penalty amount:	SR - 262.21(a) Generators - Manifest 11/14/1995 12/18/1995 State Not reported 11/16/1995 Not reported Not reported State Not reported Not reported Not reported Not reported Not reported Not reported Not reported	
Regulation violated: Area of violation: Date violation determined: Date achieved compliance: Violation lead agency: Enforcement action: Enforcement action date: Enf. disposition status: Enf. disp. status date: Enforcement lead agency: Proposed penalty amount: Final penalty amount: Paid penalty amount:	SR - 262.40(e) Generators - Records/Reporting 11/14/1995 12/18/1995 State Not reported 11/16/1995 Not reported Not reported State Not reported Not reported Not reported Not reported Not reported Not reported	
Regulation violated: Area of violation: Date violation determined: Date achieved compliance: Violation lead agency: Enforcement action: Enforcement action date:	SR - 262.41(a) Generators - Records/Reporting 01/19/1993 02/22/1993 State Not reported 02/08/1993	

Map ID Direction Distance Elevation Site

Database(s)

EDR ID Number EPA ID Number

HENDRICKSON TRAILER SUSPENSION SYSTEMS (Continued)		
Enf. disposition status:	Not reported	
Enf. disp. status date:	Not reported	
Enforcement lead agency:	State	
Proposed penalty amount:	Not reported	
Final penalty amount:	Not reported	
Paid penalty amount:	Not reported	
Regulation violated: Area of violation: Date violation determined: Date achieved compliance: Violation lead agency: Enforcement action: Enforcement action date: Enf. disposition status: Enf. disp. status date: Enforcement lead agency: Proposed penalty amount: Final penalty amount: Paid penalty amount:	SR - 268 LDR - General 02/25/1992 10/20/1992 State FINAL 3008(A) COMPLIANCE ORDER 10/20/1992 Not reported Not reported State 9000 9000	
Regulation violated:	SR - 262.34(a)(2)	
Area of violation:	Generators - Pre-transport	
Date violation determined:	02/25/1992	
Date achieved compliance:	10/20/1992	
Violation lead agency:	State	
Enforcement action:	FINAL 3008(A) COMPLIANCE ORDER	
Enforcement action date:	10/20/1992	
Enf. disposition status:	Not reported	
Enf. disp. status date:	Not reported	
Enforcement lead agency:	State	
Proposed penalty amount:	9000	
Final penalty amount:	9000	
Paid penalty amount:	9000	
Regulation violated: Area of violation: Date violation determined: Date achieved compliance: Violation lead agency: Enforcement action: Enforcement action date: Enf. disposition status: Enf. disp. status date: Enforcement lead agency: Proposed penalty amount: Final penalty amount: Paid penalty amount:	SR - 262.34(a)(2) Generators - Pre-transport 02/25/1992 10/20/1992 State Not reported 05/26/1992 Not reported Not reported State Not reported Not reported Not reported Not reported Not reported Not reported	
Regulation violated:	SR - 268	
Area of violation:	LDR - General	
Date violation determined:	02/25/1992	
Date achieved compliance:	10/20/1992	
Violation lead agency:	State	
Enforcement action:	Not reported	
Enforcement action date:	05/26/1992	
Enf. disposition status:	Not reported	

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Database(s)

EDR ID Number EPA ID Number

HENDRICKSON TRAILER SUSPENSION SYSTEMS (Continued)

Enf. disp. status date: Enforcement lead agency: Proposed penalty amount: Final penalty amount: Paid penalty amount:	Not reported State Not reported Not reported Not reported
Regulation violated: Area of violation: Date violation determined: Date achieved compliance: Violation lead agency: Enforcement action: Enforcement action date: Enf. disposition status: Enf. disp. status date: Enforcement lead agency: Proposed penalty amount: Final penalty amount: Paid penalty amount:	SR - 262.34(a)(2) Generators - Pre-transport 02/25/1992 10/20/1992 State WRITTEN INFORMAL 05/12/1992 Not reported Not reported State Not reported Not reported Not reported Not reported Not reported Not reported
Regulation violated: Area of violation: Date violation determined: Date achieved compliance: Violation lead agency: Enforcement action: Enforcement action date: Enf. disposition status: Enf. disp. status date: Enforcement lead agency: Proposed penalty amount: Final penalty amount: Paid penalty amount:	SR - 265.16 Generators - General 02/25/1992 10/20/1992 State Not reported 05/26/1992 Not reported Not reported State Not reported Not reported Not reported Not reported Not reported Not reported
Regulation violated: Area of violation: Date violation determined: Date achieved compliance: Violation lead agency: Enforcement action: Enforcement action date: Enf. disposition status: Enf. disp. status date: Enforcement lead agency: Proposed penalty amount: Final penalty amount: Paid penalty amount:	SR - 265.33,171,174,173(d),35 Generators - General 02/25/1992 10/20/1992 State WRITTEN INFORMAL 05/12/1992 Not reported Not reported State Not reported Not reported Not reported Not reported Not reported Not reported
Regulation violated: Area of violation: Date violation determined: Date achieved compliance: Violation lead agency: Enforcement action: Enforcement action date: Enf. disposition status: Enf. disp. status date:	SR - 265.16 Generators - General 02/25/1992 10/20/1992 State FINAL 3008(A) COMPLIANCE ORDER 10/20/1992 Not reported Not reported

Database(s)

EDR ID Number EPA ID Number

1007115681

HENDRICKSON TRAILER SUSPENSION SYSTEMS (Continued)		
Enforcement lead agency: Proposed penalty amount: Final penalty amount: Paid penalty amount:	State 9000 9000 9000	
Regulation violated: Area of violation: Date violation determined: Date achieved compliance: Violation lead agency: Enforcement action: Enforcement action date: Enf. disposition status: Enf. disp. status date: Enforcement lead agency: Proposed penalty amount: Final penalty amount: Paid penalty amount:	SR - 265.16 Generators - General 02/25/1992 10/20/1992 State WRITTEN INFORMAL 05/12/1992 Not reported Not reported State Not reported Not reported Not reported Not reported Not reported	
Regulation violated: Area of violation: Date violation determined: Date achieved compliance: Violation lead agency: Enforcement action: Enforcement action date: Enf. disposition status: Enf. disp. status date: Enforcement lead agency: Proposed penalty amount: Final penalty amount: Paid penalty amount:	SR - 268 LDR - General 02/25/1992 10/20/1992 State WRITTEN INFORMAL 05/12/1992 Not reported Not reported State Not reported Not reported Not reported Not reported Not reported	
Regulation violated: Area of violation: Date violation determined: Date achieved compliance: Violation lead agency: Enforcement action: Enforcement action date: Enf. disposition status: Enf. disp. status date: Enforcement lead agency: Proposed penalty amount: Final penalty amount: Paid penalty amount:	SR - 265.33,171,174,173(d),35 Generators - General 02/25/1992 10/20/1992 State Not reported 05/26/1992 Not reported Not reported State Not reported Not reported Not reported Not reported Not reported Not reported Not reported	
Regulation violated: Area of violation: Date violation determined: Date achieved compliance: Violation lead agency: Enforcement action: Enforcement action date: Enf. disposition status: Enf. disp. status date: Enforcement lead agency:	SR - 265.33,171,174,173(d),35 Generators - General 02/25/1992 10/20/1992 State FINAL 3008(A) COMPLIANCE ORDER 10/20/1992 Not reported Not reported State	

HENDRICKSON TRAILER SUSPENSION SYSTEMS (Continued)

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Database(s)

EDR ID Number EPA ID Number

1007115681

HENDRICKSON TRAILER SUSPENSION SYSTEMS (Continued)		
Proposed penalty amount:	9000	
Final penalty amount: Paid penalty amount:	9000 9000	
Regulation violated:	Not reported	
Area of violation:	Generators - General	
Date violation determined: Date achieved compliance:	03/30/1988 06/21/1988	
Violation lead agency:	State	
Enforcement action:	Not reported	
Enforcement action date:	Not reported	
Enf. disposition status:	Not reported	
Enf. disp. status date:	Not reported	
Enforcement lead agency: Proposed penalty amount:	Not reported Not reported	
Final penalty amount:	Not reported	
Paid penalty amount:	Not reported	
Evaluation Action Summary:		
Evaluation date:		
Evaluation: Area of violation:	COMPLIANCE EVALUATION INSPECTION ON-SITE Universal Waste - Small Quantity Handlers	
Date achieved compliance:	11/23/2009	
Evaluation lead agency:	State	
Evaluation date:	04/08/2002	
Evaluation: Area of violation:	COMPLIANCE EVALUATION INSPECTION ON-SITE	
Date achieved compliance:	Not reported Not reported	
Evaluation lead agency:	EPA-Initiated Oversight/Observation/Training Actions	
Evaluation date:	04/08/2002	
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE	
Area of violation:	Generators - General 07/11/2002	
Date achieved compliance: Evaluation lead agency:	State	
Evaluation date:	12/18/1995	
Evaluation:	COMPLIANCE SCHEDULE EVALUATION	
Area of violation:	Not reported	
Date achieved compliance: Evaluation lead agency:	Not reported State	
Evaluation date:	11/14/1995	
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE	
Area of violation: Date achieved compliance:	Generators - Manifest 12/18/1995	
Evaluation lead agency:	State	
Evaluation date:	11/14/1995	
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE	
Area of violation: Date achieved compliance:	Generators - General 12/18/1995	
Evaluation lead agency:	State	
Evaluation date:	11/14/1995	
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE	

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Database(s)

EDR ID Number EPA ID Number

HENDRICKSON TRAILER SUSPENSION SYSTEMS (Continued)		
enerators - Records/Reporting 2/18/1995 ate		
3/30/1994 OMPLIANCE EVALUATION INSPECTION ON-SITE of reported of reported ate		
2/22/1993 OMPLIANCE SCHEDULE EVALUATION of reported of reported ate		
/19/1993 OMPLIANCE EVALUATION INSPECTION ON-SITE enerators - Records/Reporting 2/22/1993 ate		
0/20/1992 OT A SIGNIFICANT NON-COMPLIER of reported of reported ate		
2/25/1992 OMPLIANCE EVALUATION INSPECTION ON-SITE enerators - Pre-transport b/20/1992 ate		
2/25/1992 GNIFICANT NON-COMPLIER ot reported ot reported ate		
2/25/1992 OMPLIANCE EVALUATION INSPECTION ON-SITE DR - General 0/20/1992 ate		
2/25/1992 OMPLIANCE EVALUATION INSPECTION ON-SITE enerators - General //20/1992 ate		
5/21/1988 OMPLIANCE SCHEDULE EVALUATION of reported of reported ate		

Map ID Direction		MAP FINDINGS		
Distance Elevation	Site		Database(s)	EDR ID Number EPA ID Number
	HENDRICKSON TRAILER Evaluation date:	SUSPENSION SYSTEMS (Continued) 03/30/1988		1007115681
	Evaluation date: Evaluation: Area of violation: Date achieved complia Evaluation lead agenc	COMPLIANCE EVALUATION INSPECTION ON-SITE Generators - General ance: 06/21/1988		
7	LUGOFF-ELGIN SANITAR	YLANDFILL	SWF/LF	S108237659
NNW > 1 1.193 mi. 6301 ft.	KERSHAW (County), SC			N/A
Relative:	LF: Mailing Address:	Not reported		
Higher Actual:	Mailing State: Mailing City:	Not reported Not reported		
270 ft.	Mailing Zip: Facility ID:	0 Not reported		
	Owned by:	Not reported		
	Rate Restriction: Rate Units:	Not reported Not reported		
	Cap Units:	Not reported		
	Data Source: Category:	GPS2 MSW		
	Old Permit #:	DWP-008		
	Issue/Apprvl Dt:	5/11/1972		
	Last Modification: Total Capacity:	Not reported Not reported		
	Status:	Not Active		
	Closure Date:	Not reported		
	Class: Waste:	Not reported Not reported		
	Operating:	Not Operating		
	Comments:	Not reported		
	Lat/Long (dms): Lat/Long:	0 0 0 / 0 0 0 0 / 0		
	Lat/Lon Cmmnts:	Not reported		
	UTM-E: UTM-N:	526049.875 3785992.75		
	Method:	27		
	Contact Name:	Not reported		
	Contact Phone: Restrictions:	Not reported ?		
	EQC Region:	4		
	DON date recvd:	Not reported		
	DON Determ Dt: DON Ter Dt:	Not reported Not reported		
	Permitting Status:	Not reported		
	Replacement: Approved tons/yr:	Not reported Not reported		
	DON Comments:	Not reported		
	ISW Characterization	•		
	Mailing Address:	Not reported		
	Mailing State:	Not reported		
	Mailing City: Mailing Zip:	Not reported 0		
	Facility ID:	Not reported		
	Owned by:	Not reported		

Database(s)

EDR ID Number EPA ID Number

Rate Restriction:	Not reported
Rate Units:	Not reported
Cap Units:	Not reported
Data Source:	GPS2
Category:	MSW
Old Permit #:	DWP-917
Issue/Apprvl Dt:	Not reported
Last Modification:	Not reported
Total Capacity:	Not reported
Status:	Not Active
Closure Date:	Not reported
Class:	Not reported
Waste:	Not reported
Operating:	Not Operating
Comments:	Not reported
Lat/Long (dms):	000/000
Lat/Long:	0/0
Lat/Lon Cmmnts:	Not reported
UTM-E:	526049.875
UTM-N:	3785992.75
Method:	27
Contact Name:	Not reported
Contact Phone:	Not reported
Restrictions:	?
EQC Region:	4
DON date recvd:	Not reported
DON Determ Dt:	Not reported
DON Ter Dt:	Not reported
Permitting Status:	Not reported
Replacement:	Not reported
Approved tons/yr:	Not reported
DON Comments:	Not reported
ISW Characterization Date:	Not reported

8 NNE > 1 1.213 mi. 6406 ft.	PANTRY 3214 DBA FOOE 840 HWY 1 S LUGOFF, SC 29078) CHIEF
Relative: Higher	LUST: Facility ID:	10988
Actual: 352 ft.	Release Number: Facility Status: Substance: Owner: NFA Date: Date Confirmed: Report Date: Rank:	1 Not reported PETRO PANTRY INC 06/08/93 01/02/90 01/02/90 Not reported
	UST: Facility ID: Owner: Owner Contact: Owner Address: Owner City,St,Zip:	10988 PANTRY INC MARY BATCHELOR 1801 DOUGLAS DR SANFORD, NC 27330

LUGOFF-ELGIN SANITARY LANDFILL (Continued)

LUST U003665628 UST N/A

Database(s)

EDR ID Number **EPA ID Number**

PANTRY 3214 DBA FOOD CHIEF (Continued)

Owner Phone:	919-774-6700
Contact:	MARY BATCHELOR
Contact Tel:	Not reported
Tank ID:	1
Capacity:	10000
Product:	RUL
Calcage:	0
Status:	Currently in use
Tank ID:	2
Capacity:	10000
Product:	PLUS
Calcage:	0
Status:	Currently in use
Tank ID:	3
Capacity:	8000
Product:	PREM
Calcage:	0
Status:	Currently in use
Tank ID:	4
Capacity:	4000
Product:	Diesel
Calcage:	0
Status:	Currently in use
Tank ID:	5
Capacity:	3000
Product:	Kerosene
Calcage:	0
Status:	Currently in use

9

WATEREE CHEMICAL COMPANY-LUGOFF PLANT WNW 1 MILE SW OF LUGOFF TO LEFT OF US 1

LUGOFF, SC 29078 > 1 1.419 mi. 7493 ft. CERCLIS: Relative: Site ID: 0404851 Higher EPA ID:

SCD987566122 Actual: Facility County: KERSHAW 298 ft. Short Name: WATEREE CHEMICAL COMPANY-Congressional District: 05 IFMS ID: Not reported Not reported SMSA Number: USGC Hydro Unit: 03050104 Federal Facility: Not a Federal Facility DMNSN Number: 2.00000 Site Orphan Flag: Ν RCRA ID: Not reported USGS Quadrangle: Not reported

U003665628

CERCLIS 1000214694 FINDS SCD987566122

Database(s)

EDR ID Number EPA ID Number

1000214694

WATEREE CHEMICAL COMPANY-LUGOFF PLANT (Continued)		
Site Init By Prog:	Not reported	
NFRAP Flag:	Not reported	
Parent ID:	Not reported	
RST Code:	Not reported	
EPA Region:	04	
Classification:	Not reported	
Site Settings Code:	Not reported	
NPL Status:	Not on the NPL	
DMNSN Unit Code:	ACRE	
RBRAC Code:	Not reported	
RResp Fed Agency Code:	Not reported	
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information	
Non NPL Status Date:	19920206	
Site Fips Code:	45055	
CC Concurrence Date:	Not reported	
CC Concurrence FY:	Not reported	
Alias EPA ID:	Not reported	
Site FUDS Flag:	Not reported	
Sher ODS hay.	Notreponed	
CERCLIS Site Contact Name(s	,	
Contact ID:	4000583.00000	
Contact Name:	Craig Zeller	
Contact Tel:	(404) 562-8827	
Contact Title:	Remedial Project Manager (RPM)	
Contact Email:	zeller.craig@epa.gov	
Contact ID:	4000234.00000	
Contact Name:	Ralph Howard	
Contact Tel:	(404) 562-8829	
Contact Title:	Remedial Project Manager (RPM)	
Contact Email:	howard.ralph@epa.gov	
Contact ID:	4270070.00000	
Contact Name:	Craig Zeller	
Contact Tel:	(404) 562-8827	
Contact Title:	Site Assessment Manager (SAM)	
Contact Email:	Not reported	
	1000071 00000	
Contact ID:	4000271.00000	
Contact Name:	Yvonne Jones	
Contact Tel:	(404) 562-8793	
Contact Title:	Remedial Project Manager (RPM)	
Contact Email:	Not reported	
Contact ID:	4000376.00000	
Contact Name:	Mike Norman	
Contact Tel:	(404) 562-8792	
Contact Title:	Remedial Project Manager (RPM)	
Contact Email:	norman.mike@epa.gov	
Contact ID:	4000275.00000	
Contact Name:	William Joyner	
Contact Tel:	(404) 562-8795	
Contact Title:	Site Assessment Manager (SAM)	
Contact Email:	joyner.william@epa.gov	
Contact ID:	4270495 00000	
L'ODIACI ILL'		

Contact ID:

4270495.00000

TC3009235.1s Page 34

Database(s)

EDR ID Number EPA ID Number

WATEREE CHEMICAL COMPANY-LUGOFF PLANT (Continued) Contact Name: Paul Wagner (404) 562-8792 Contact Tel: Remedial Project Manager (RPM) Contact Title: Contact Email: wagner.paul@epa.gov Contact ID: 13002428.00000 Contact Name: Donna Seadler Contact Tel: (404) 562-8870 Contact Title: Site Assessment Manager (SAM) Contact Email: seadler.donna@epa.gov 13002538.00000 Contact ID: Contact Name: Corey Hendrix Contact Tel: (404) 562-8738 Contact Title: Site Assessment Manager (SAM) Contact Email: Not reported CERCLIS Site Alias Name(s): Alias ID: 101 WATEREE CHEMICAL COMPANY-LUGOFF PLANT Alias Name: Alias Address: Not reported KERSHAW, SC Alias Comments: Not reported Site Description: Not reported **CERCLIS** Assessment History: Action Code: 001 Action: DISCOVERY Date Started: Not reported 05/05/1988 Date Completed: Priority Level: Not reported Operable Unit: SITEWIDE Primary Responsibility: **EPA Fund-Financed** Planning Status: Not reported Not reported Urgency Indicator: Not reported Action Anomaly: Action Code: 001 PRELIMINARY ASSESSMENT Action: Date Started: 01/02/1990 Date Completed: 01/11/1990 Priority Level: Low priority for further assessment **Operable Unit:** SITEWIDE Primary Responsibility: State, Fund Financed Planning Status: Not reported Urgency Indicator: Not reported Action Anomaly: Not reported Action Code: 001 SITE INSPECTION Action: Date Started: Not reported Date Completed: 02/06/1992 NFRAP-Site does not qualify for the NPL based on existing information Priority Level: Operable Unit: SITEWIDE Primary Responsibility: State, Fund Financed Planning Status: Not reported Urgency Indicator: Not reported

10

NNE

1.450 mi. 7655 ft.

Relative: Higher

Actual:

337 ft.

> 1

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

WATEREE CHEMICAL COMPANY-LUGOFF PLANT (Continued)

Bureau of Land & Waste Management File #: Not reported

1000214694

Action Anomaly:	Not reported	
Action Code: Action: Date Started: Date Completed: Priority Level: Operable Unit: Primary Responsib Planning Status: Urgency Indicator: Action Anomaly:	Not reported	ition
Action Code: Action: Date Started: Date Completed: Priority Level: Operable Unit: Primary Responsib Planning Status: Urgency Indicator: Action Anomaly:	Not reported	
FINDS:		
Registry ID:	110009345208	
; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	erest/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. CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.	
AMOCO FOOD SHOP 4 742 HWY 1 S LUGOFF, SC 29078	4	GWCI UST
SC GWIC: Bureau: EAP ID: Solid Waste Permit	BLWM Not reported it #: Not reported	

U003631251

N/A

Database(s)

EDR ID Number EPA ID Number

AMOCO FOOD SHOP 4 (Continued)

Permit Number:	05384
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks: Site ID # 05384. RBC	A Classification 4BC8. Awaiting Fundir

UST:

Facility ID:	5384
Owner:	SPEAKS OIL CO INC
Owner Contact:	RICHARD CLARK
Owner Address:	121 E DEKALB ST
Owner City,St,Zip:	CAMDEN, SC 29020
Owner Phone:	803-432-3501
Contact:	RICHARD CLARK
Contact Tel:	803-438-9115
Tank ID:	1
Capacity:	6000
Product:	Gasoline
Calcage:	15
Status:	Abandoned
Tank ID:	2
Capacity:	6000
Product:	Gasoline
Calcage:	15
Status:	Abandoned

Database(s)

EDR ID Number EPA ID Number

U003631251

AMOCO FOOD SHOP 4 (Continued)

-		 ,	,
	Tank ID: Capacity: Product: Calcage: Status:		3 4000 Gasoline 10 Abandoned
	Tank ID: Capacity: Product: Calcage: Status:		4 2000 Diesel 5 Abandoned
	Tank ID: Capacity: Product: Calcage: Status:		5 8000 PREM 0 Currently in use
	Tank ID: Capacity: Product: Calcage: Status:		6 10000 RUL 0 Currently in use

Count: 25 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LUGOFF	1004780345	TIM HORTON BODY SHOP	HWY 601 SOUTH	29078	RCRA-CESQG
LUGOFF	1004780513	MIDLANDS TOYOTA	US HWY 1S	29078	RCRA-CESQG
LUGOFF	1006580622	HERITAGE CHEVROLET BUICK GEO	825 HWY 1 S	29078	LUST
LUGOFF	1007265041	INVISTA SARL	643 HWY 1 S	29078	RCRA-SQG
LUGOFF	S105621420	HAZELWOOD CLEANERS #3	828 HWY 601 S/HWY 1 S	29078	DRYCLEANERS, HWS
LUGOFF	S105684837	PANTRY 833	521 HWY 601 S	29078	LUST
LUGOFF	S110338695	PILOT TRAVEL CENTER 346	522 HWY 601 S I 20 AT EXIT 91	29078	LUST
ELIGIN	S110338705	WASTE MANAGEMENT INC	1047 HWY CHURCH RD	29045	LUST
LUGOFF	S110625385	VICKY MART	1758 HWY 1 S	29078	LUST
LUGOFF	U003522652	JACK KANEFT PONTIAC OLDSMOBILE	HWY 1 S	29078	UST
LUGOFF	U003523288	LUGOFF SHOP	HWY 1 PO BOX 468		UST
LUGOFF	U003524943	SC633	714 HWY 1 S	29078	GWCI,UST
LUGOFF	U003526774	WOLFE MECHANICAL & EQUIPMENT CO IN	HWY 601 S		UST
LUGOFF	U003631073	PRAXAIR INC	HWY 12 LINDE LN	29078	LUST,UST
PONTIAC	U003632707	INTERNATIONAL PAPER CO	HWY 1	29045	UST
ELGIN	U003930837	C&M GROCERY	2105 HWY 1 S	29045	UST
LUGOFF	U003970250	INVISTA SARL	643 HWY 1 S	29078	UST
ELGIN	U003970251	FRANK DIAL EXXON	HWY 1	29045	UST
LUGOFF	U003975595	LITTLE PAT'S STORE	1053 HWY 1 S		UST
LUGOFF	U004017230	PANTRY 833	521 HWY 601 S	29078	GWCI,UST
LUGOFF	U004108902	VICKY MART	1758 HWY 1 S	29078	UST
LUGOFF	U004140907	SPEAKS 107	495 HWY 601 S	29078	UST
LUGOFF	U004140920	FOOD CHIEF 22	809 HWY 1 S	29078	LUST,UST
LUGOFF	U004154214	PILOT TRAVEL CENTER 346	522 HWY 601 S I 20 AT EXIT 91	29078	UST
ELIGIN	U004154256	WASTE MANAGEMENT INC	1047 HWY CHURCH RD	29045	UST

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 12/31/2010 Date Data Arrived at EDR: 01/13/2011 Date Made Active in Reports: 01/28/2011 Number of Days to Update: 15 Source: EPA Telephone: N/A Last EDR Contact: 01/13/2011 Next Scheduled EDR Contact: 04/25/2011 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 3 Telephone 215-814-5418

EPA Region 4 Telephone 404-562-8033

EPA Region 5 Telephone 312-886-6686

EPA Region 10 Telephone 206-553-8665

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.

EPA Region 6

EPA Region 7

EPA Region 8

EPA Region 9

Telephone: 214-655-6659

Telephone: 913-551-7247

Telephone: 303-312-6774

Telephone: 415-947-4246

Date of Government Version: 12/31/2010 Date Data Arrived at EDR: 01/13/2011 Date Made Active in Reports: 01/28/2011 Number of Days to Update: 15

Source: EPA Telephone: N/A Last EDR Contact: 01/13/2011 Next Scheduled EDR Contact: 04/25/2011 Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991 Date Data Arrived at EDR: 02/02/1994 Date Made Active in Reports: 03/30/1994 Number of Days to Update: 56 Source: EPA Telephone: 202-564-4267 Last EDR Contact: 02/14/2011 Next Scheduled EDR Contact: 05/30/2011 Data Release Frequency: No Update Planned

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 12/31/2010 Date Data Arrived at EDR: 01/13/2011 Date Made Active in Reports: 01/28/2011 Number of Days to Update: 15 Source: EPA Telephone: N/A Last EDR Contact: 01/13/2011 Next Scheduled EDR Contact: 04/25/2011 Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System CERCLIS 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). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 11/30/2010 Date Data Arrived at EDR: 12/30/2010 Date Made Active in Reports: 02/25/2011 Number of Days to Update: 57 Source: EPA Telephone: 703-412-9810 Last EDR Contact: 03/01/2011 Next Scheduled EDR Contact: 06/13/2011 Data Release Frequency: Quarterly

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 EPAa??s Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/10/2010 Date Data Arrived at EDR: 01/11/2011 Date Made Active in Reports: 02/16/2011 Number of Days to Update: 36 Source: Environmental Protection Agency Telephone: 703-603-8704 Last EDR Contact: 01/11/2011 Next Scheduled EDR Contact: 04/25/2011 Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS 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 this 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. This 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 a potential NPL site.

Date of Government Version: 10/28/2010 Date Data Arrived at EDR: 12/01/2010 Date Made Active in Reports: 02/25/2011 Number of Days to Update: 86 Source: EPA Telephone: 703-412-9810 Last EDR Contact: 03/01/2011 Next Scheduled EDR Contact: 06/13/2011 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: 05/25/2010 Date Data Arrived at EDR: 06/02/2010 Date Made Active in Reports: 10/04/2010 Number of Days to Update: 124 Source: EPA Telephone: 800-424-9346 Last EDR Contact: 02/14/2011 Next Scheduled EDR Contact: 05/30/2011 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: 02/17/2010 Date Data Arrived at EDR: 02/19/2010 Date Made Active in Reports: 05/17/2010 Number of Days to Update: 87 Source: Environmental Protection Agency Telephone: (404) 562-8651 Last EDR Contact: 01/06/2011 Next Scheduled EDR Contact: 04/18/2011 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: 02/17/2010 Date Data Arrived at EDR: 02/19/2010 Date Made Active in Reports: 05/17/2010 Number of Days to Update: 87 Source: Environmental Protection Agency Telephone: (404) 562-8651 Last EDR Contact: 01/06/2011 Next Scheduled EDR Contact: 04/18/2011 Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 02/17/2010 Date Data Arrived at EDR: 02/19/2010 Date Made Active in Reports: 05/17/2010 Number of Days to Update: 87 Source: Environmental Protection Agency Telephone: (404) 562-8651 Last EDR Contact: 01/06/2011 Next Scheduled EDR Contact: 04/18/2011 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: 02/17/2010 Date Data Arrived at EDR: 02/19/2010 Date Made Active in Reports: 05/17/2010 Number of Days to Update: 87 Source: Environmental Protection Agency Telephone: (404) 562-8651 Last EDR Contact: 01/06/2011 Next Scheduled EDR Contact: 04/18/2011 Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

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: 01/05/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/14/2011	Telephone: 703-603-0695
Date Made Active in Reports: 01/28/2011	Last EDR Contact: 12/10/2010
Number of Days to Update: 14	Next Scheduled EDR Contact: 03/28/2011
	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: 01/05/2011 Date Data Arrived at EDR: 01/14/2011 Date Made Active in Reports: 01/28/2011 Number of Days to Update: 14 Source: Environmental Protection Agency Telephone: 703-603-0695 Last EDR Contact: 12/10/2010 Next Scheduled EDR Contact: 03/28/2011 Data Release Frequency: Varies

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: 07/09/2010 Date Data Arrived at EDR: 07/09/2010 Date Made Active in Reports: 08/17/2010 Number of Days to Update: 39 Source: National Response Center, United States Coast Guard Telephone: 202-267-2180 Last EDR Contact: 01/07/2011 Next Scheduled EDR Contact: 04/18/2011 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: 01/06/2011 Date Data Arrived at EDR: 01/19/2011 Date Made Active in Reports: 02/11/2011 Number of Days to Update: 23 Source: Department of Health and Environmental Control Telephone: 803-734-5376 Last EDR Contact: 12/17/2010 Next Scheduled EDR Contact: 04/04/2011 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: 12/20/2010 Date Data Arrived at EDR: 12/20/2010 Date Made Active in Reports: 01/06/2011 Number of Days to Update: 17

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: 12/17/2010 Next Scheduled EDR Contact: 04/04/2011 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: 11/24/2010	Source: Department of Health and Environmental Control
Date Data Arrived at EDR: 11/30/2010	Telephone: 803-898-4350
Date Made Active in Reports: 12/22/2010	Last EDR Contact: 01/31/2011
Number of Days to Update: 22	Next Scheduled EDR Contact: 05/16/2011
	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: 11/16/2010	Source: EPA Region 8
Date Data Arrived at EDR: 11/19/2010	Telephone: 303-312-6271
Date Made Active in Reports: 01/28/2011	Last EDR Contact: 01/31/2011
Number of Days to Update: 70	Next Scheduled EDR Contact: 05/16/2011
	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: 11/04/2009	Source: EPA Region 7
Date Data Arrived at EDR: 05/04/2010	Telephone: 913-551-7003
Date Made Active in Reports: 07/07/2010	Last EDR Contact: 05/04/2010
Number of Days to Update: 64	Next Scheduled EDR Contact: 05/16/2011
	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: 11/04/2010	Source: EPA Region 6
Date Data Arrived at EDR: 11/05/2010	Telephone: 214-665-6597
Date Made Active in Reports: 01/28/2011	Last EDR Contact: 01/31/2011
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/16/2011
	Data Release Frequency: Varies

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

Date of Government Version: 09/01/2010 Date Data Arrived at EDR: 11/05/2010 Date Made Active in Reports: 01/28/2011 Number of Days to Update: 84

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 02/03/2011 Next Scheduled EDR Contact: 05/16/2011 Data Release Frequency: Varies

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

Date of Government Version: 11/12/2010 Date Data Arrived at EDR: 11/12/2010 Date Made Active in Reports: 01/28/2011 Number of Days to Update: 77	Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 01/31/2011 Next Scheduled EDR Contact: 05/16/2011 Data Release Frequency: Quarterly	
INDIAN LUST R4: Leaking Underground Storage T LUSTs on Indian land in Florida, Mississippi a		
Date of Government Version: 08/27/2010 Date Data Arrived at EDR: 08/30/2010 Date Made Active in Reports: 10/04/2010 Number of Days to Update: 35	Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 02/16/2011 Next Scheduled EDR Contact: 05/16/2011 Data Release Frequency: Semi-Annually	
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: 11/19/2010Source: Environmental Protection AgencyDate Data Arrived at EDR: 11/19/2010Telephone: 415-972-3372Date Made Active in Reports: 01/28/2011Last EDR Contact: 01/31/2011Number of Days to Update: 70Next Scheduled EDR Contact: 05/16/2011Data Release Frequency: Quarterly		
State and tribal registered storage tank lists		
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: 11/24/2010 Date Data Arrived at EDR: 11/30/2010 Date Made Active in Reports: 12/15/2010 Number of Days to Update: 15 Source: Department of Health and Environmental Control Telephone: 803-896-7957 Last EDR Contact: 01/31/2011 Next Scheduled EDR Contact: 05/16/2011 Data Release Frequency: Quarterly

AST: Aboveground Storage Tank List Registered Aboveground Storage Tanks.

> Date of Government Version: 03/25/2004 Date Data Arrived at EDR: 08/04/2004 Date Made Active in Reports: 09/23/2004 Number of Days to Update: 50

Source: Department of Health and Environmental Control Telephone: 803-898-4350 Last EDR Contact: 03/07/2011 Next Scheduled EDR Contact: 06/20/2011 Data Release Frequency: Varies

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: 11/16/2010 Date Data Arrived at EDR: 11/19/2010 Date Made Active in Reports: 01/28/2011 Number of Days to Update: 70 Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 01/31/2011 Next Scheduled EDR Contact: 05/16/2011 Data Release Frequency: Quarterly

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: 11/01/2010 Date Data Arrived at EDR: 12/02/2010 Date Made Active in Reports: 01/28/2011 Number of Days to Update: 57 INDIAN UST R5: Underground Storage Tanks on I The Indian Underground Storage Tank (UST)	Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 02/03/2011 Next Scheduled EDR Contact: 05/16/2011 Data Release Frequency: Varies Indian Land database provides information about underground storage tanks on Indian	
land in EPA Region 5 (Michigan, Minnesota a	nd Wisconsin and Tribal Nations).	
Date of Government Version: 02/11/2010 Date Data Arrived at EDR: 02/11/2010 Date Made Active in Reports: 04/12/2010 Number of Days to Update: 60	Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 01/31/2011 Next Scheduled EDR Contact: 05/16/2011 Data Release Frequency: Varies	
	ndian Land database provides information about underground storage tanks on Indian Dklahoma, New Mexico, Texas and 65 Tribes).	
Date of Government Version: 11/10/2010 Date Data Arrived at EDR: 12/01/2010 Date Made Active in Reports: 01/28/2011 Number of Days to Update: 58	Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 01/31/2011 Next Scheduled EDR Contact: 05/16/2011 Data Release Frequency: Semi-Annually	
INDIAN UST R4: Underground Storage Tanks on Indian Land The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian Iand in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)		
Date of Government Version: 08/27/2010 Date Data Arrived at EDR: 08/30/2010 Date Made Active in Reports: 10/04/2010 Number of Days to Update: 35	Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 02/16/2011 Next Scheduled EDR Contact: 05/16/2011 Data Release Frequency: Semi-Annually	
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: 11/12/2010 Date Data Arrived at EDR: 11/12/2010 Date Made Active in Reports: 01/28/2011 Number of Days to Update: 77	Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 01/31/2011 Next Scheduled EDR Contact: 05/16/2011 Data Release Frequency: Quarterly	
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: 11/19/2010 Date Data Arrived at EDR: 11/19/2010 Date Made Active in Reports: 01/28/2011 Number of Days to Update: 70	Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 01/31/2011 Next Scheduled EDR Contact: 05/16/2011 Data Release Frequency: Quarterly	
	ndian Land database provides information about underground storage tanks on Indian assachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal	

Date of Government Version: 09/01/2010 Date Data Arrived at EDR: 11/05/2010 Date Made Active in Reports: 01/28/2011 Number of Days to Update: 84 Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 02/03/2011 Next Scheduled EDR Contact: 05/16/2011 Data Release Frequency: Varies

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: 01/17/2011
Number of Days to Update: 55	Next Scheduled EDR Contact: 05/02/2011
	Data Release Frequency: Varies

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.

Date of Government Version: 12/20/2010	Source: Department of Health & Environmental Control
Date Data Arrived at EDR: 12/21/2010	Telephone: 803-896-4000
Date Made Active in Reports: 01/06/2011	Last EDR Contact: 12/21/2010
Number of Days to Update: 16	Next Scheduled EDR Contact: 04/04/2011
	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: 12/20/2010	
Date Data Arrived at EDR: 12/22/2010	
Date Made Active in Reports: 01/06/2011	
Number of Days to Update: 15	

Source: Department of Health and Environmental Control Telephone: 803-896-4049 Last EDR Contact: 12/21/2010 Next Scheduled EDR Contact: 04/04/2011 Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

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

Date of Government Version: 03/20/2008 Date Data Arrived at EDR: 04/22/2008 Date Made Active in Reports: 05/19/2008 Number of Days to Update: 27	Source: EPA, Region 7 Telephone: 913-551-7365 Last EDR Contact: 04/20/2009 Next Scheduled EDR Contact: 07/20/2009 Data Release Frequency: Varies
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: 04/02/2008	Source: EPA, Region 1
Date Data Arrived at EDR: 04/22/2008	Telephone: 617-918-1102
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 01/05/2010
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/18/2011 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.

Date of Government Version: 01/12/2011 Date Data Arrived at EDR: 01/19/2011 Date Made Active in Reports: 02/11/2011 Number of Days to Update: 23 Source: Department of Health & Environmental Control Telephone: 803-896-4069 Last EDR Contact: 01/03/2011 Next Scheduled EDR Contact: 04/18/2011 Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 06/24/2010 Date Data Arrived at EDR: 06/25/2010 Date Made Active in Reports: 08/17/2010 Number of Days to Update: 53 Source: Environmental Protection Agency Telephone: 202-566-2777 Last EDR Contact: 12/30/2010 Next Scheduled EDR Contact: 04/11/2011 Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

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

Date Data Arrived at EDR: 08/09/2004TeleDate Made Active in Reports: 09/17/2004LasNumber of Days to Update: 39Nex	rrce: Environmental Protection Agency ephone: 800-424-9346 t EDR Contact: 06/09/2004 tt Scheduled EDR Contact: N/A a Release Frequency: No Update Planned
Bat	a release riequency. No opuale rialified

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: 12/22/2010 Next Scheduled EDR Contact: 04/11/2011 Data Release Frequency: No Update Planned

SWRCY: Solid Waste Recycling Facilities A listing of recycling center locations.

Date of Government Version: 11/16/2009 Date Data Arrived at EDR: 12/23/2009 Date Made Active in Reports: 01/27/2010 Number of Days to Update: 35 Source: Department of Health & Enviornmental Control Telephone: 803-896-8985 Last EDR Contact: 11/16/2009 Next Scheduled EDR Contact: 04/05/2010 Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

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

Date of Government Version: 12/03/2010SoDate Data Arrived at EDR: 12/30/2010TelDate Made Active in Reports: 02/16/2011LasNumber of Days to Update: 48Ne

Source: Drug Enforcement Administration Telephone: 202-307-1000 Last EDR Contact: 03/08/2011 Next Scheduled EDR Contact: 06/20/2011 Data Release Frequency: Quarterly

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: 12/06/2010 Date Data Arrived at EDR: 12/07/2010 Date Made Active in Reports: 12/22/2010 Number of Days to Update: 15 Source: Department of Health & Environmental Control Telephone: 803-896-4000 Last EDR Contact: 02/28/2011 Next Scheduled EDR Contact: 04/18/2011 Data Release Frequency: Quarterly

CDL: Clandestine Drug Lab Sites

A listing of clandestine drug lab site locations.

Date of Government Version: 01/27/2011 Date Data Arrived at EDR: 01/28/2011 Date Made Active in Reports: 02/21/2011 Number of Days to Update: 24

Source: Department of Health & Environmental Control Telephone: 803-896-4288 Last EDR Contact: 01/24/2011 Next Scheduled EDR Contact: 05/09/2011 Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 09/01/2007 Date Data Arrived at EDR: 11/19/2008 Date Made Active in Reports: 03/30/2009 Number of Days to Update: 131 Source: Drug Enforcement Administration Telephone: 202-307-1000 Last EDR Contact: 03/23/2009 Next Scheduled EDR Contact: 06/22/2009 Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 11/09/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/16/2010	Telephone: 202-564-6023
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 01/31/2011
Number of Days to Update: 92	Next Scheduled EDR Contact: 05/16/2011
	Data Release Frequency: Varies

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: 12/09/2005	
Date Data Arrived at EDR: 12/11/2006	
Date Made Active in Reports: 01/11/2007	
Number of Days to Update: 31	

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 02/22/2011 Next Scheduled EDR Contact: 06/06/2011 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: 12/31/2010	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 01/05/2011	Telephone: 202-366-4555
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 01/05/2011
Number of Days to Update: 51	Next Scheduled EDR Contact: 04/18/2011
	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: 12/22/2010	Source: Department of Health and Environmental Control
Date Data Arrived at EDR: 12/23/2010	Telephone: 803-898-4111
Date Made Active in Reports: 01/06/2011	Last EDR Contact: 03/07/2011
Number of Days to Update: 14	Next Scheduled EDR Contact: 06/20/2011
	Data Release Frequency: Varies

Other Ascertainable Records

RCRA-NonGen: RCRA - Non 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). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency Telephone: (404) 562-8651 Last EDR Contact: 01/06/2011 Next Scheduled EDR Contact: 04/18/2011 Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

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

Date of Government Version: 10/13/2010 Date Data Arrived at EDR: 12/10/2010 Date Made Active in Reports: 02/25/2011 Number of Days to Update: 77 Source: Department of Transporation, Office of Pipeline Safety Telephone: 202-366-4595 Last EDR Contact: 02/11/2011 Next Scheduled EDR Contact: 05/23/2011 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: 703-692-8801
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/21/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 05/02/2011
	Data Release Frequency: Semi-Annually

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: 12/31/2009	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 08/12/2010	Telephone: 202-528-4285
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/13/2010
Number of Days to Update: 112	Next Scheduled EDR Contact: 03/28/2011
	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: 10/01/2010 Date Data Arrived at EDR: 10/29/2010 Date Made Active in Reports: 01/28/2011 Number of Days to Update: 91 Source: Department of Justice, Consent Decree Library Telephone: Varies Last EDR Contact: 01/03/2011 Next Scheduled EDR Contact: 04/18/2011 Data Release Frequency: Varies

ROD: Records Of Decision

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

Date of Government Version: 12/31/2010	
Date Data Arrived at EDR: 02/03/2011	
Date Made Active in Reports: 02/25/2011	
Number of Days to Update: 22	

Source: EPA Telephone: 703-416-0223 Last EDR Contact: 02/03/2011 Next Scheduled EDR Contact: 03/28/2011 Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 09/14/2010 Date Data Arrived at EDR: 10/21/2010 Date Made Active in Reports: 01/28/2011 Number of Days to Update: 99 Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 03/04/2011 Next Scheduled EDR Contact: 06/13/2011 Data Release Frequency: Varies

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: 08/04/2010 Date Data Arrived at EDR: 09/09/2010 Date Made Active in Reports: 12/02/2010 Number of Days to Update: 84	Source: Department of Labor, Mine Safety and Health Administration Telephone: 303-231-5959 Last EDR Contact: 03/09/2011 Next Scheduled EDR Contact: 06/20/2011 Data Release Frequency: Semi-Annually
TF	RIS: Toxic Chemical Release Inventory System Toxic Release Inventory System. TRIS identif land in reportable quantities under SARA Title	ies facilities which release toxic chemicals to the air, water and III Section 313.
	Date of Government Version: 12/31/2008 Date Data Arrived at EDR: 01/13/2010 Date Made Active in Reports: 02/18/2010 Number of Days to Update: 36	Source: EPA Telephone: 202-566-0250 Last EDR Contact: 03/01/2011 Next Scheduled EDR Contact: 06/13/2011 Data Release Frequency: Annually
τs		s manufacturers and importers of chemical substances included on the cludes data on the production volume of these substances by plant
	Date of Government Version: 12/31/2006 Date Data Arrived at EDR: 09/29/2010 Date Made Active in Reports: 12/02/2010 Number of Days to Update: 64	Source: EPA Telephone: 202-260-5521 Last EDR Contact: 12/29/2010 Next Scheduled EDR Contact: 04/11/2011 Data Release Frequency: Every 4 Years
FT	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 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009 Number of Days to Update: 25	Source: EPA/Office of Prevention, Pesticides and Toxic Substances Telephone: 202-566-1667 Last EDR Contact: 02/28/2011 Next Scheduled EDR Contact: 06/13/2011 Data Release Frequency: Quarterly
FT	TTS INSP: FIFRA/ TSCA Tracking System - FIFF A listing of FIFRA/TSCA Tracking System (FT	RA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) TS) inspections and enforcements.
	Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009 Number of Days to Update: 25	Source: EPA Telephone: 202-566-1667 Last EDR Contact: 02/28/2011 Next Scheduled EDR Contact: 06/13/2011 Data Release Frequency: Quarterly
HI	information was obtained from the National Co (Federal Insecticide, Fungicide, and Rodentic are now closing out records. Because of that,	e FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The ompliance Database (NCDB). NCDB supports the implementation of FIFRA ide Act) and TSCA (Toxic Substances Control Act). Some EPA regions and the fact that some EPA regions are not providing EPA Headquarters a HIST FTTS database. It included records that may not be included
	Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501

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

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: 12/31/2009Source: EPADate Data Arrived at EDR: 12/10/2010Telephone: 2Date Made Active in Reports: 02/25/2011Last EDR CorNumber of Days to Update: 77Next Schedule

Source: EPA Telephone: 202-564-4203 Last EDR Contact: 01/31/2011 Next Scheduled EDR Contact: 05/16/2011 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: 04/24/2010 Date Data Arrived at EDR: 04/29/2010 Date Made Active in Reports: 05/17/2010 Number of Days to Update: 18 Source: Environmental Protection Agency Telephone: 202-564-5088 Last EDR Contact: 12/23/2010 Next Scheduled EDR Contact: 04/11/2011 Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 11/01/2010	Source: EPA
Date Data Arrived at EDR: 11/10/2010	Telephone: 202-566-0500
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 01/21/2011
Number of Days to Update: 98	Next Scheduled EDR Contact: 05/02/2011
	Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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

Date of Government Version: 03/18/2010 Date Data Arrived at EDR: 04/06/2010 Date Made Active in Reports: 05/27/2010 Number of Days to Update: 51 Source: Nuclear Regulatory Commission Telephone: 301-415-7169 Last EDR Contact: 12/13/2010 Next Scheduled EDR Contact: 03/28/2011 Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

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

Date of Government Version: 01/11/2011 Date Data Arrived at EDR: 01/13/2011 Date Made Active in Reports: 02/16/2011 Number of Days to Update: 34 Source: Environmental Protection Agency Telephone: 202-343-9775 Last EDR Contact: 01/13/2011 Next Scheduled EDR Contact: 04/25/2011 Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 04/14/2010 Date Data Arrived at EDR: 04/16/2010 Date Made Active in Reports: 05/27/2010 Number of Days to Update: 41 Source: EPA Telephone: (404) 562-9900 Last EDR Contact: 12/10/2010 Next Scheduled EDR Contact: 03/28/2011 Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

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

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

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: 12/31/2007 Date Data Arrived at EDR: 02/25/2010 Date Made Active in Reports: 05/12/2010 Number of Days to Update: 76 Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 03/01/2011 Next Scheduled EDR Contact: 06/13/2011 Data Release Frequency: Biennially

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: 01/11/2011
Number of Days to Update: 13	Next Scheduled EDR Contact: 04/18/2011
	Data Release Frequency: Annually
•	Next Scheduled EDR Contact: 04/18/2011

UIC: Underground Injection Wells Listing

A listing of underground injection wells locations.

Date of Government Version: 12/08/2010	Source: Department of Health & Environmental Control
Date Data Arrived at EDR: 12/09/2010	Telephone: 803-898-3799
Date Made Active in Reports: 12/22/2010	Last EDR Contact: 02/28/2011
Number of Days to Update: 13	Next Scheduled EDR Contact: 05/30/2011
	Data Release Frequency: Varies

DRYCLEANERS: Drycleaner Database The Drycleaning Facility Restoration Trust Fund database is used to access, prioritze and cleanup contaminated registered drycleaning sites.					
Date of Government Version: 07/21/2006 Date Data Arrived at EDR: 09/08/2006 Date Made Active in Reports: 09/29/2006 Number of Days to Update: 21	Source: Department of Health & Environmental Control Telephone: 803-898-3882 Last EDR Contact: 02/08/2011 Next Scheduled EDR Contact: 05/23/2011 Data Release Frequency: Varies				
NPDES: Waste Water Treatment Facilities Listing A listing of waste water treatment facility locati	ions.				
Date of Government Version: 01/04/2011 Date Data Arrived at EDR: 01/07/2011 Date Made Active in Reports: 02/11/2011 Number of Days to Update: 35	Source: Department of Health & Environmental Control Telephone: 803-898-4300 Last EDR Contact: 12/23/2010 Next Scheduled EDR Contact: 04/11/2011 Data Release Frequency: Varies				
AIRS: Permiited Airs Facility Listing A listing of permitted airs facilities.					
Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 03/11/2010 Date Made Active in Reports: 03/24/2010 Number of Days to Update: 13	Source: Department of Health & Environmental Control Telephone: 803-898-4279 Last EDR Contact: 03/07/2011 Next Scheduled EDR Contact: 06/20/2011 Data Release Frequency: Varies				
INDIAN RESERV: Indian Reservations This map layer portrays Indian administered la	ands of the United States that have any area equal to or greater				

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	Source: USGS
Date Data Arrived at EDR: 12/08/2006	Telephone: 202-208-3710
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/21/2011
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/02/2011
	Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 08/31/2010 Date Data Arrived at EDR: 09/01/2010	Source: Environmental Protection Agency Telephone: 615-532-8599
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 02/22/2011
Number of Days to Update: 92	Next Scheduled EDR Contact: 05/09/2011 Data Release Frequency: Varies

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 Date Data Arrived at EDR: 02/06/2006 Date Made Active in Reports: 01/11/2007 Number of Days to Update: 339 Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 01/21/2011 Next Scheduled EDR Contact: 05/02/2011 Data Release Frequency: N/A

PCB TRANSFORMER: PCB Transformer Registration Database The database of PCB transformer registrations that includes all PCB registration submittals.						
Date of Government Version: 01/01/2008 Date Data Arrived at EDR: 02/18/2009 Date Made Active in Reports: 05/29/2009 Number of Days to Update: 100	Source: Environmental Protection Agency Telephone: 202-566-0517 Last EDR Contact: 02/04/2011 Next Scheduled EDR Contact: 05/16/2011 Data Release Frequency: Varies					
COAL ASH: Coal Ash Disposal Sites A listing of sites with coal ash ponds.						
Date of Government Version: 07/31/2009 Date Data Arrived at EDR: 08/07/2009 Date Made Active in Reports: 08/17/2009 Number of Days to Update: 10	Source: Department of Health & Environmental Control Telephone: 803-898-3964 Last EDR Contact: 12/23/2010 Next Scheduled EDR Contact: 04/11/2011 Data Release Frequency: Varies					
COAL ASH EPA: Coal Combustion Residues Surfa	ace Impoundments List impoundments with high hazard potential ratings.					
Date of Government Version: 11/09/2009 Date Data Arrived at EDR: 12/18/2009 Date Made Active in Reports: 02/10/2010 Number of Days to Update: 54	Source: Environmental Protection Agency Telephone: N/A Last EDR Contact: 12/21/2010 Next Scheduled EDR Contact: 03/28/2011 Data Release Frequency: Varies					
COAL ASH DOE: Sleam-Electric Plan Operation D A listing of power plants that store ash in surfa						

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 08/07/2009 Date Made Active in Reports: 10/22/2009 Number of Days to Update: 76 Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 01/18/2011 Next Scheduled EDR Contact: 05/02/2011 Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: 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

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 V	Naste Manifest Data
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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: 12/31/2007 Date Data Arrived at EDR: 08/26/2009 Date Made Active in Reports: 09/11/2009 Number of Days to Update: 16	Source: Department of Environmental Protection Telephone: 860-424-3375 Last EDR Contact: 02/25/2011 Next Scheduled EDR Contact: 06/06/2011 Data Release Frequency: Annually
NJ MANIFEST: Manifest Information Hazardous waste manifest information.	
Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 07/22/2010 Date Made Active in Reports: 08/26/2010 Number of Days to Update: 35	Source: Department of Environmental Protection Telephone: N/A Last EDR Contact: 01/21/2011 Next Scheduled EDR Contact: 05/02/2011 Data Release Frequency: Annually
NY MANIFEST: Facility and Manifest Data Manifest is a document that lists and tracks ha facility.	zardous waste from the generator through transporters to a TSD
Date of Government Version: 12/31/2010 Date Data Arrived at EDR: 02/09/2011 Date Made Active in Reports: 03/04/2011 Number of Days to Update: 23	Source: Department of Environmental Conservation Telephone: 518-402-8651 Last EDR Contact: 02/09/2011 Next Scheduled EDR Contact: 05/23/2011 Data Release Frequency: Annually
PA MANIFEST: Manifest Information Hazardous waste manifest information.	
Date of Government Version: 12/31/2008 Date Data Arrived at EDR: 12/01/2009 Date Made Active in Reports: 12/14/2009 Number of Days to Update: 13	Source: Department of Environmental Protection Telephone: 717-783-8990 Last EDR Contact: 02/18/2011 Next Scheduled EDR Contact: 06/06/2011 Data Release Frequency: Annually
RI MANIFEST: Manifest information Hazardous waste manifest information	
Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 07/19/2010 Date Made Active in Reports: 08/26/2010 Number of Days to Update: 38	Source: Department of Environmental Management Telephone: 401-222-2797 Last EDR Contact: 02/28/2011 Next Scheduled EDR Contact: 06/13/2011 Data Release Frequency: Annually
WI MANIFEST: Manifest Information Hazardous waste manifest information.	
Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 07/06/2010 Date Made Active in Reports: 07/26/2010 Number of Days to Update: 20	Source: Department of Natural Resources Telephone: N/A Last EDR Contact: 12/16/2010 Next Scheduled EDR Contact: 04/04/2011 Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data Source: Rextag Strategies Corp. Telephone: (281) 769-2247 U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

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

STREET AND ADDRESS INFORMATION

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APPENDIX D

REGULATORY RECORDS DOCUMENTATION

Land & Waste Management The portable document format (PDF) files require the free Adobe Acrobat Reader to view them.

Mine Details

Mine Name	INDUSTRIAL PARK MINE
Mineral	SAND
Permit Number	I-000592
Address 1	PO BOX 1205
Address 2	LUGOFF SC 29078
Address 3	
County	Kershaw
Company Name	John W Conder Eastern Land & Timber
Phone Number	1:CONDER, WALT PH:803-438-5725(A)
Northing	3785335
Easting	526589

For more information please contact the Bureau of Land & Waste Management at (803) 896-4000.

JOHN W CONDER EASTERN LAND & TIM

PO BOX 1205 LUGOFF, SC 29078

Inquiry Number: April 12, 2011

EDR Site Report™



440 Wheelers Farms Road Milford, CT 06461 Toll Free: 800.352.0050 www.edmet.com

SECTION 2: FACILITY DETAIL REPORTS

MULTIMEDIA

Facility is listed in EPA's index system

DATABASE: Facility Index System (FINDS)

JOHN W CONDER EASTERN LAND & TIMBER PO BOX 1205 LUGOFF, SC 29078 EDR ID #1007235612

This site is listed in the Federal FINDS database. The FINDS database may contain references to records from government databases included elsewhere in the report. Please note: the FINDS database may also contain references to out of date records formerly associated with the site.

Registry ID: Facility Name: Facility Address:	110017070408 JOHN W CONDER EASTERN LAND & TIMBER PO BOX 1205 LUGOFF, SC 29078
Facility County:	KERSHAW
EPA Region:	04
Fed. Gov. Facility:	Not reported
Indian Tribal Land:	No
Environmental Interes	
	EFIS (South Carolina - Environmental Facility Information System) integrates
	rmation on environmental facilities, permits, violations, enforcement
targ haz	ons, and compliance activities needed to support regulatory requirements and et environmental quality improvements for the water, air, solid waste, and ardous waste program areas. The EFIS was developed by the state of South olina and Maine joined their system in 2004.
Prg. Sys. ID: Supplemental Interest	

Prg. Sys. ID: SCUUDU05313 Supplemental Interest: MINE OPERATING PERMIT Facility SIC Codes: Not reported Facility NAICS Codes: Not reported

Alternative name:

JOHN W CONDER EASTERN LAND & TIMBER



South Carolina Department of Health and Environmental Control

June 21, 2011

Mr. John Conder John Conder Ltd. Partnership 514 Walnut St. Camden, SC 29020

Re: Submittal of Groundwater Quality Data DHEC ID 28-04743 Smith Rd No Further Action Kershaw County, South Carolina

Mr. Conder:

The Department has reviewed the referenced assessment report. No constituents were detected in groundwater above the USEPA's Maximum Contaminant Levels (MCL) for drinking water or Regional Screening Levels (RSLs) for soils and sediments.

As the Department did not specifically request this data, and the work conducted at this site received no prior review by the Department, we cannot provide any comments on the completeness of the work performed or the overall environmental conditions of the site. Based on the information and analytical data submitted, no investigation will be required at this time. Please note, this statement pertains only to the data submitted and does not apply to other areas of the site and/or any other potential regulatory violations. Further, the Department retains the right to request further investigation if deemed necessary.

On all correspondence regarding this site, please reference **DHEC ID 28-04743.** If you have any questions, please call me at (803) 896-4161.

Sincerely,

Jon he with

Jason C Williams, Environmental Health Manager State & Federal Site Assessment Section SCDHEC Bureau of Land & Waste Management

cc: Region 4 District EQC Technical File

> Nelson Lindsey Kershaw County P.O. Box 763 Camden, SC 29021

Tom Behnke S&ME, Inc. 134 Suber Road Columbia SC 29210

LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT

CONDER SITE LUGOFF, KERSHAW COUNTY, S.C.

S&ME Project No. 1614-11-149

<u>Prepared For:</u> Alliance Consulting Engineers, Inc. Post Office Box 8147 Columbia, South Carolina 29202-8147



S&ME, Inc. 134 Suber Road Columbia, South Carolina 29210

May 24, 2011



May 24, 2011

Alliance Consulting Engineers, Inc. Post Office Box 8147 Columbia, South Carolina 29202-8147

Attention: Mr. Jamie Frost, P. E.

Reference: Limited Phase II Environmental Site Assessment Conder Site Lugoff, Kershaw County, South Carolina S&ME Project No. 1614-11-149

Dear Mr. Frost:

S&ME, Inc. (S&ME) is pleased to provide the findings of a limited Phase II Environmental Site Assessment at the Conder Site located in Lugoff, Kershaw County South Carolina. The work was performed in accordance with S&ME Proposal No. 1614-8026-11 dated March 7, 2011. Presented herein is a summary of the work performed together with our findings, conclusions and recommendations.

BACKGROUND

The subject site consists of approximately 1,455 acres of undeveloped land located northwest of the Highway 601/Interstate 20 interchange in Lugoff, Kershaw County, South Carolina (Figure 1).

The former Wateree Chemical site is located on the property adjoining western edge of the site, at the termination of Smith Road. The site is the location of a former chemical manufacturing facility that operated from 1964 to 1976. Wateree Chemical manufactured a variety of chemicals for sale to schools, industries, and foreign countries. Major products included carboxylic acids, organohalides, organonitrates and organosulfur compounds. Other products included amines, ethers and hydrocarbons. Wateree Chemical ceased operations prior to the inception of RCRA regulations, so the company was never permitted to treat, store, or dispose of hazardous waste on-site. Waste from the chemical manufacturing process and cooling water were discharged into a sand hill and allowed to percolate through the soil at a designated waste pit. Prior to discharge, chemicals were either oxidized or diluted using chromic acid, peroxides or sodium cyanide. The South Carolina Department of Health and Environmental Control (DHEC) performed an Expanded Site Inspection (ESI) in January and February of 2001. Groundwater samples collected from the site indicated elevated levels of metals, pesticides, volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs). Lead and 1,1-dichloroethene were detected above USEPA Maximum Contaminant Levels (MCLs) for drinking water. Sediment samples were collected from runoff streams located to the southeast and northeast of the site. Sediment samples indicated high levels of metals and VOCs, as well as an unknown steroid.

The purpose of this limited Phase II assessment was to screen groundwater and the tributary to Gillies Creek located downgradient of the former Wateree Chemical site to attempt to determine the downgradient lateral extent of subsurface contamination and stream impact onto the Conder site. Our testing was limited to a suite of analytical parameters that, in our experience and judgment, is suitable for detecting the types of contaminants reported in connection with the former Wateree Chemical site. In addition, the areas downgradient of the former Wateree Chemical site are densely wooded limiting access for drilling equipment. The sample locations were thus selected based on readily accessible areas of the property via existing pathways and utility corridors.

GROUNDWATER SAMPLING

Four groundwater samples were collected at the site on April 14, 2011. The approximate groundwater sample locations are depicted on Figures 2 and 3. The groundwater samples were collected from temporary monitoring wells constructed using 1-inch diameter PVC riser and pre-packed filter screen and bentonite seal. Prior to sampling, the wells were developed and allowed to sit for 24 hours. The groundwater samples were then collected using dedicated Teflon sample bailers. The groundwater samples were placed into laboratory-supplied sample containers, labeled, chilled on ice and relinquished to a South Carolina certified laboratory through S&ME chain-of-custody protocol. The laboratory analyzed the groundwater samples for the presence of VOCs by EPA Method 8260B, SVOCs by EPA Method 8270D, pesticides by EPA Method 8081A and total and dissolved (laboratory filtered) Target Analyte List (TAL) metals by EPA Method 6010B. The laboratory results were compared to the USEPA MCLs for drinking water.

Groundwater sample MW-1 served as a background data point to determine naturallyoccurring metals in groundwater and was collected to the north and upgradient of the former Wateree Chemical facility. The temporary well was installed to a depth of 39 feet and was sampled for total and dissolved metals only.

- Total metals analysis reported thirteen of the 23 target analytes present.
- Total chromium exceeded its 0.1 mg/L MCL at 0.41 mg/L.
- Total lead exceeded its 0.015 mg/L Action Level at 0.042 mg/L.
- Dissolved metals analysis reported only two of the 23 analytes present.
- Dissolved chromium and lead were not reported above the laboratory method detection limits.

• No other target analytes exceeded drinking water MCLs.

Groundwater sample MW-2 was collected approximately 700 feet southeast and downgradient of the former Wateree Chemical site between the former facility and the tributary to Gillies Creek. The temporary well was installed to a depth of 13 feet.

- No VOCs, SVOCs or pesticides were reported in the sample
- Total metals analysis reported seven of the 23 analytes present.
- Total arsenic exceeded its 0.01 mg/L MCL at 0.013 mg/L.
- Dissolved metals reported two of the 23 analytes present.
- Dissolved arsenic was not reported above laboratory method detection limits.

Groundwater sample MW-3 was collected approximately 1,000 feet south and downgradient of the former Wateree Chemical site between the former facility and the creek. The temporary well was installed to a depth of 23 feet.

- No VOCs, SVOCs or pesticides were reported in the sample
- Total metals analysis reported 12 of the 23 analytes present.
- Total arsenic exceeded its 0.01 mg/L MCL at 0.027 mg/L.
- Total chromium exceeded its 0.1 mg/L MCL at 0.17 mg/L.
- Total lead exceeded its 0.015 mg/L Action Level at 0.025 mg/L.
- Dissolved metals reported three of the 23 analytes present.
- Dissolved arsenic, chromium, and lead were not reported above the laboratory method detection limits.

Groundwater sample MW-4 was collected on the east side of the Gilles Creek tributary downgradient of the former Wateree Chemical site. The temporary well was installed to a depth of 13 feet.

- No VOCs, SVOCs or pesticides were reported in the sample
- Total metals analysis reported 15 of the 23 analytes present.
- Total arsenic exceeded its 0.01 mg/L MCL at 0.041 mg/L.
- Total beryllium exceeded its 0.004 mg/L MCL at 0.0042 mg/L.
- Total chromium exceeded its 0.1 mg/L MCL at 0.39 mg/L.
- Total lead exceeded its 0.015 mg/L Action Level at 0.19 mg/L.
- Dissolved metals reported two of the 23 analytes present.
- Dissolved arsenic, beryllium, chromium and lead were not reported above the laboratory method detection limits.

Following the collection of the soil and groundwater samples, each well was abandoned in accordance with the South Carolina Well Standards and Regulations by a South Carolina-certified well driller. Water Well Record Forms (Form 1903) for each well are provided in the Appendix.

STREAM SAMPLING

Three surface water samples (SW-1, SW-2 and SW-3) were collected from the tributary to Gilles Creek located to the east-southeast and downgradient of the former Wateree Chemical site. Three stream sediment samples (SS-1, SS-2 and SS-3) were also collected from the creek. The surface water and sediment samples were collected in laboratory-supplied sample containers, labeled, chilled on ice and relinquished to a South Carolina certified laboratory through S&ME chain-of-custody protocol. The laboratory analyzed the samples for the presence of VOCs by EPA Method 8260B, and TAL metals by EPA Method 6010B.

Surface water sample SW-1 and sediment sample SS-1 were collected upstream or northeast of the former Wateree Chemical site. No metals were reported in the surface water sample except for aluminum (0.49 mg/L) and iron (1.8 mg/L). No VOCs were reported in surface water samples above laboratory method detection limits.

The reported metals concentrations in stream sediment sample SS-1 were compared to the USEPA Region Screening Levels (RSLs) for Superfund sites (Residential Soil). Eleven of the 23 target metals were reported. None of the reported metals exceeded the RSLs for Residential soil except for arsenic reported at 1.9 mg/kg. The Residential soil RSL for arsenic is 0.39 mg/kg.

2-Butanone (Methyl Ethyl Ketone/MEK) was reported in sediment sample SS-1 at 0.056 mg/kg. The Residential soil RSL for MEK is 28,000 mg/kg. Acetone was reported in the sample at 1.8 mg/kg. Acetone is a common by-product from the reaction of organic material and the sample preservative and is not likely the result of source contamination. No other VOCs were reported in sediment sample SS-1.

Surface water sample SW-2 and stream sediment sample SS-2 were collected at a point southeast and downgradient of the former Wateree Chemical site. No metals were reported in the surface water sample except for aluminum (1.5 mg/L), barium (0.026 mg/L), iron (3 mg/L), lead (0.012 ug/L) and manganese (0.018 mg/L). No applicable drinking water MCLs were exceeded. No VOCs were reported above laboratory method detection limits.

Ten of the 23 target metals were reported in sediment sample SS-2. None of the reported metals exceeded the RSLs for Residential soil except for arsenic reported at 1.6 mg/kg. With the exception of acetone (0.860 mg/kg), no VOCs were reported in the sample.

Surface water sample SW-3 was collected downstream at the natural gas line easement located south of the former Wateree Chemical site. No metals were reported in the surface water sample except for aluminum (0.22 mg/L) and iron (0.35 mg/L). No VOCs were reported above laboratory method detection limits.

Eleven of the 23 target metals were reported in sediment sample SS-3. None of the reported metals exceeded the RSLs for Residential soil except for arsenic reported at 4.8 mg/kg. MEK was reported in sediment sample SS-3 at 0.15 mg/kg. No other VOCs were reported in sediment sample SS-1.

The laboratory data is summarized in Tables 1 and 2 in the Appendix. A copy of the laboratory reports are provided in the Appendix.

CONCLUSIONS AND RECOMMENDATIONS

Based on the findings of this limited Phase II assessment, we provide the following conclusions and recommendations:

- No volatile organic compounds, semi-volatile organic compounds or pesticides were reported above laboratory method detection limits in the four groundwater samples collected at the site.
- Total arsenic, chromium and lead slightly exceeded drinking water MCLs in three of the four monitoring wells. However the laboratory filtered (dissolved) analytes were all below laboratory method detection limits suggesting the MCL exceedences are due to sample turbidity and naturally-occurring elements and not source contamination.
- No volatile organic compounds were reported in the three surface water samples collected from the tributary to Gillies Creek. Reported metals in the surface water were below drinking water MCLs.
- With the exception of arsenic, no metals were reported above the USEPA Regional Screening Levels for Residential soil in the three sediment samples collected from the tributary to Gillies Creek. The reported arsenic levels are within the range of naturally-occurring arsenic in Piedmont soils of South Carolina and are not considered to be source contamination.
- Traces of MEK were reported in both the upstream and downstream sediment samples collected from the creek. MEK is a solvent commonly used in industry. The reported levels are well below the USEPA Residential soil RSL for MEK (28,000 mg/kg). The source of the MEK is unknown. Review of the DHEC environmental sampling reports for the former Wateree Chemical site did not reference detection of this specific compound; however, Wateree Chemical can not be ruled out as a possible source.
- Acetone was reported to be present in two of the sediment samples collected from the creek; however, this is believed to be a result of a reaction between the organic-rich soil and the preservative in the sample containers and is not considered to be source contamination.
- With the exception of MEK in creek sediment, the collected groundwater and creek data does not indicate any evidence of direct contamination from the former Wateree Chemical site. However, our sample locations were limited to accessible

areas downgradient of the facility and may not be representative of groundwater conditions closer to this site or at other locations. It should be noted that some rusted drums were observed near the creek and that burial and on site disposal of drums was practiced by Wateree Chemical. To this extent, we recommend that the tributary to Gillies Creek and associated wetlands downgradeint of the former Wateree Chemical site be considered as the western site boundary for the Conder property acquisition to ensure no environmental hazards are obtained with the property.

The data presented in this report was submitted to the SCDHEC Bureau of Land and Waste Management, Site Assessment Remediation & Revitalization Division for review and comment as a condition of the temporary well permit. S&ME has requested a No Further Assessment (NFA) letter based on the findings of our assessment.

LIMITATIONS

This report and its findings are based on conditions encountered at the locations on the dates of S&ME's investigation and should not be relied upon to precisely represent conditions at any other time. The conclusions included in this report are based on S&ME's observations of existing site conditions and the results of a limited program of subsurface exploration, sample screening, and chemical testing. The concentration of contaminants detected may not be representative of conditions between locations sampled. Be aware that conditions may change at any sampled or un-sampled location as a function of time in response to natural conditions, chemical reactions, and/or other events. Conclusions about site conditions under no circumstances comprise a warranty that conditions in all areas within the site are of the same quality as those sampled.

We appreciate the opportunity to provide Alliance Consulting Engineers with environmental services for this project. If you have any questions concerning this project, please do not hesitate to call us at (803) 561-9024.

Sincerely,

&ME, Inc.

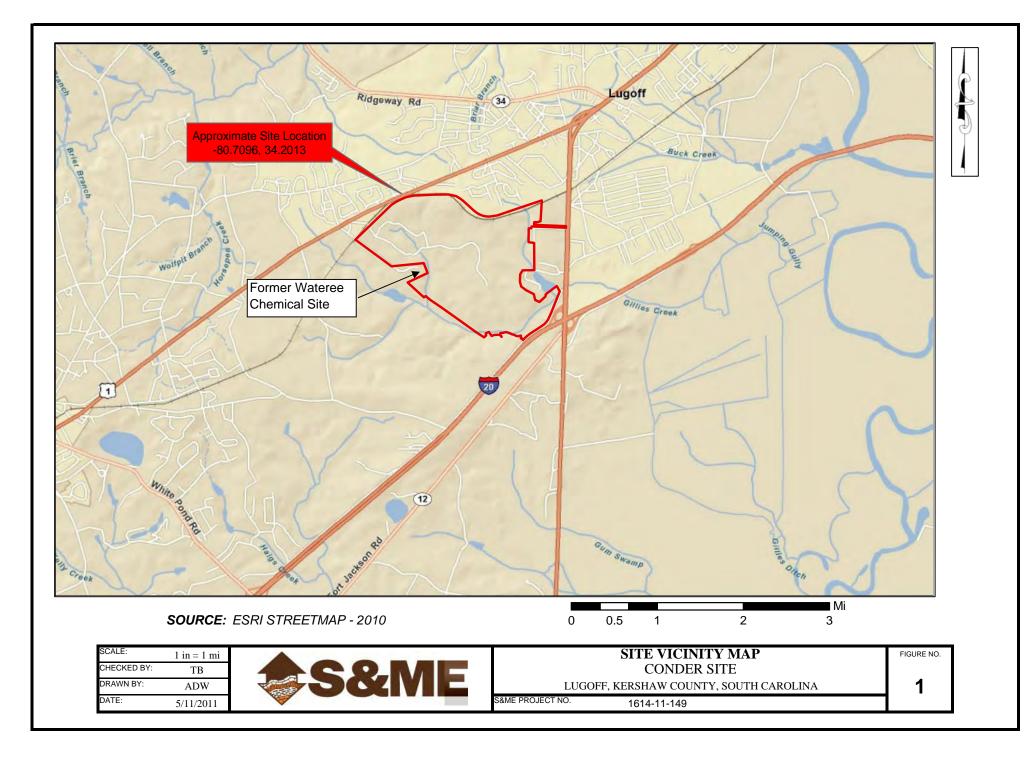
Jesse Keeffe, P.G. Staff Professional

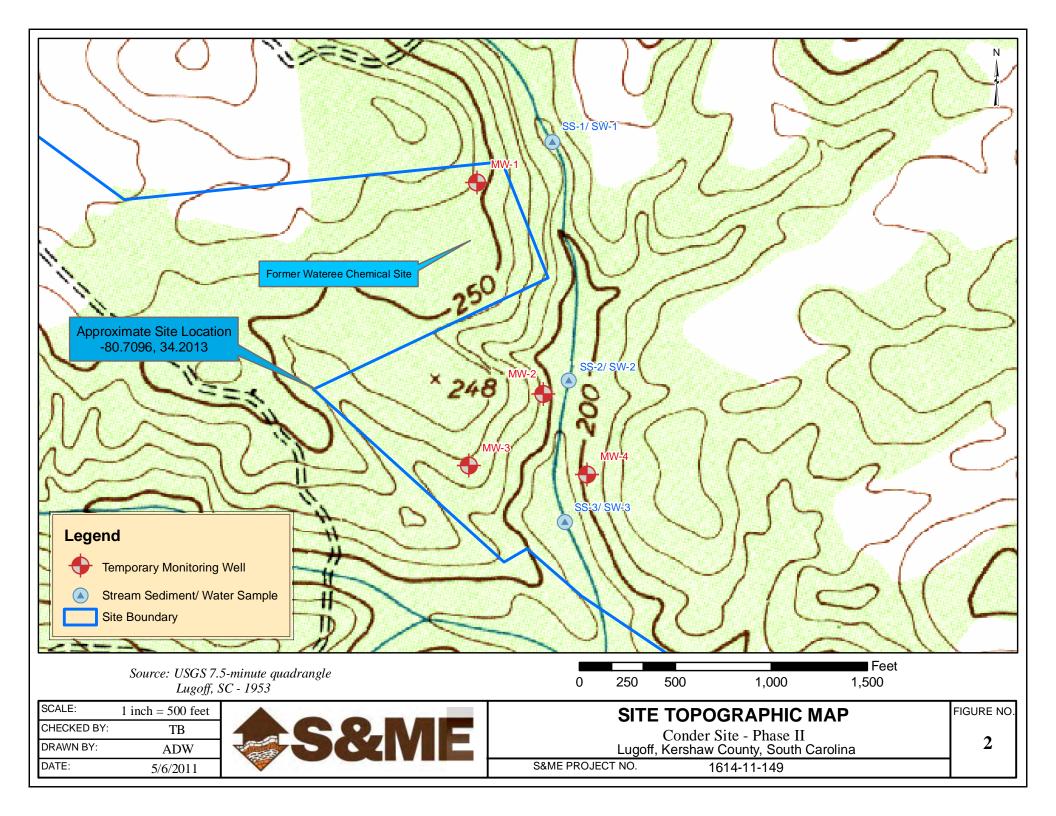
Thomas Behnke, P.G., CHMM Environmental Department Manager

APPENDIX

FIGURES: 1 THROUGH 3 TABLES: 1 THROUGH 2 LABORATORY REPORT WELL LOGS – FORM 1903 SCDHEC TEMPORARY WELL PERMIT







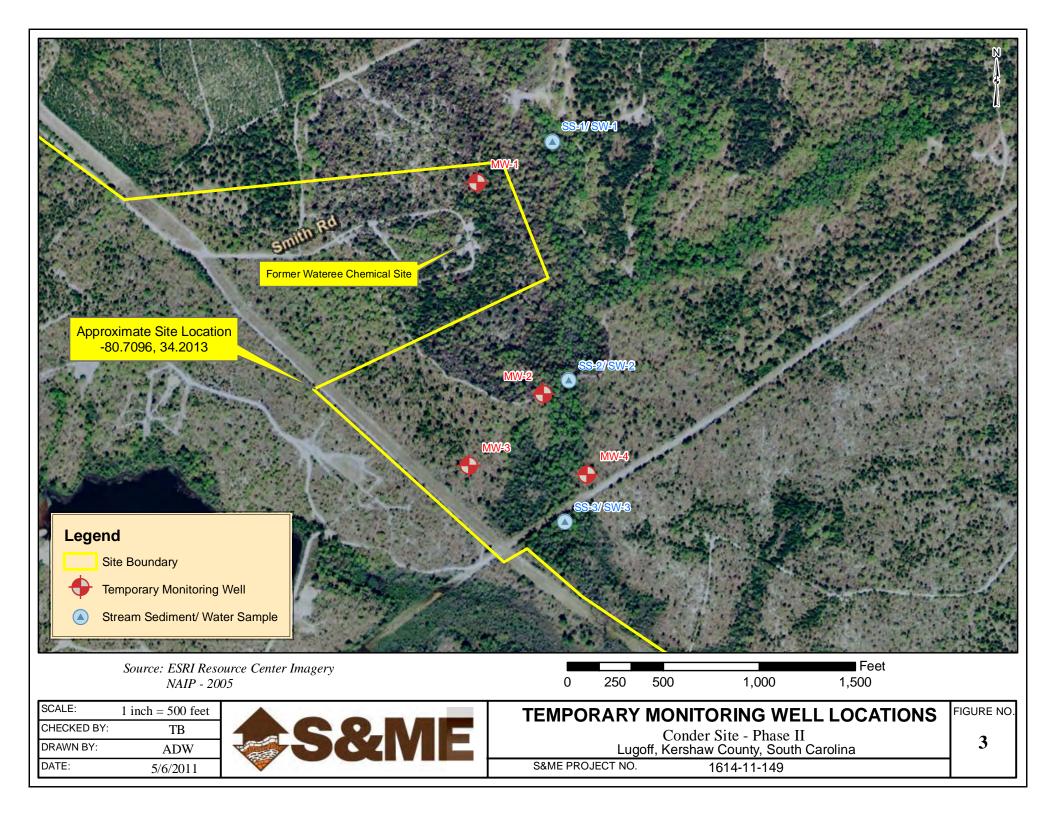




Table 1 Ground and Surface Water Data Conder Site Lugoff, South Carolina April 2011 S&ME Project No. 1614-11-149

Analyte		Concentration in mg/L								USEPA Primary Drinking Water MCL		
Analyte	MW-1 (T)	MW-1 (D)	MW-2 (T)	MW-2 (D)	MW-3 (T)	MW-3 (D)	MW-4 (T)	MW-4 (D)	SW-1	SW-2	SW-3	(mg/L)
Aluminum	24	*	5.1	*	44	*	390	*	0.49	1.5	0.22	**
Antimony	*	*	*	*	*	*	*	*	*	*	*	0.006
Arsenic	*	*	0.013	*	0.027	*	0.041	*	*	*	*	0.01
Barium	0.10	*	*	*	0.087	*	0.43	*	*	0.026	*	2
Beryllium	*	*	*	*	*	*	0.0042	*	*	*	*	0.004
Cadmium	0.030	*	*	*	*	0.0023	*	*	*	*	*	0.005
Calcium	6.0	*	*	*	*	*	*	*	*	*	*	**
Chromium	0.41	*	0.030	*	0.17	*	0.39	*	*	*	*	0.1
Cobalt	*	*	*	*	*	*	*	*	*	*	*	**
Copper	0.16	*	0.0077	*	0.077	*	0.20	*	*	*	*	**
Iron	52	5.4	7.6	0.29	59	1.2	140	0.32	1.8	3.0	0.35	**
Lead	0.042	*	*	*	0.025	*	0.19	*	*	0.012	*	0.015
Magnesium	*	*	*	*	*	*	8.3	*	*	*	*	**
Manganese	0.29	0.16	0.031	0.017	0.10	0.031	0.33	0.062	*	0.018	*	**
Mercury	0.00052	*	*	*	0.0017	*	0.0017	*	*	*	*	0.002
Nickel	0.12	*	*	*	0.049	*	0.11	*	*	*	*	**
Potassium	*	*	*	*	*	*	6.0	*	*	*	*	**
Selenium	*	*	*	*	*	*	*	*	*	*	*	0.05
Silver	*	*	*	*	*	*	*	*	*	*	*	**
Sodium	*	*	*	*	*	*	*	*	*	*	*	**
Thallium	*	*	*	*	*	*	*	*	*	*	*	0.002
Vanadium	0.18	*	0.020	*	0.21	*	0.86	*	*	*	*	**
Zinc	0.32	*	*	*	0.055	*	0.2	*	*	*	*	**
VOCs			*		*		*		*	*	*	
SVOCs			*		*		*					
Pesticides			*		*		*					

1. Samples collected April 11 and 14, 2011

2. Analyses by Shealy Environmental Serivces

3. MCL = Maximum Contaminant Level

4. * = Below laboratory method detection limits

5. ** = No Established MCL

6. T = Total Metals

7. D = Dissolved Metals

8. mg/L = Milligrams Per Liter

9. Shaded concentration cell indicates exceedance of MCL

10. VOCs = Volatile Organic Compounds

11. SVOC = Semi Volatile Organic Compounds

12. SW = Surface Water

13. Blank Field = Parameter not Analyzed

Table 2 Stream Sediment Data Conder Site Lugoff, South Carolina April 2011 S&ME Project No. 1614-11-149

	Concer	tration in m	EPA Regional Screening	
Analyte			0. 0	Level
	SS-1	SS-2	SS-3	Residential Soil RSL
Aluminum	9800	4300	10000	77,000
Antimony	*	*	*	31
Arsenic	1.9	1.6	4.8	0.39
Barium	33	27	44	15,000
Beryllium	0.53	*	*	160
Cadmium	*	*	*	70
Calcium	*	*	*	**
Chromium	7.8	4.2	11	150,000
Cobalt	*	*	*	23
Copper	4.6	3.2	9.0	3,100
Iron	1500	2000	13000	55,000
Lead	11	6.3	14	400
Magnesium	*	*	*	**
Manganese	11	23	15	1800
Mercury	*	*	*	5.6
Nickel	*	*	*	**
Potassium	*	*	*	**
Selenium	2.2	2.0	6.6	390
Silver	*	*	*	390
Sodium	*	*	*	**
Thallium	*	*	*	**
Vanadium	10	7.2	21	390
Zinc	*	*	13	23,000
Acetone	1.8	0.86	*	61,000
Methyl Ethyl Ketone (MEK)	0.056	*	0.15	28,000

1. Samples collected April 11, 2011

2. Analyses by Shealy Environmental Serivces

3. RSL = EPA Regional Screening Level for Residential Soil

4. * = not detected above laboratory method detection limits

5. ** = No Established RSL

6. mg/kg = Milligrams Per Killogram

7. Shaded concentration cell indicates exceedance of RSL

LABORATORY REPORT

Report of Analysis

S&ME, Inc.

134 Suber Road Columbia, SC 29210 Attention: Thomas Behnke

Project Name: Conder Site

Project Number:1614-11-149

Lot Number: MD14023 Date Completed:04/26/2011

·Kal

Nisreen Saikaly Project Manager



This report shall not be reproduced, except in its entirety, without the written approval of Shealy Environmental Services, Inc.

The following non-paginated documents are considered part of this report: Chain of Custody Record and Sample Receipt Checklist.

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Shealy Environmental Services, Inc. 106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com Page: 1 of 30 Level 1 Report v2.1

SHEALY ENVIRONMENTAL SERVICES, INC.

SC DHEC No: 32010

NELAC No: E87653

NC DEHNR No: 329

Case Narrative S&ME, Inc. Lot Number: MD14023

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

All results listed in this report relate only to the samples that are contained within this report.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved NELAC standards, the Shealy Environmental Services, Inc. ("Shealy") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Shealy policies. Any exceptions to the NELAC standards, the QAMP, SOPs or policies are qualified on the results page or discussed below.

Shealy is not NELAC certified for Phosphorus by 365.1 but is certified in SC and NC.

Shealy is not NELAC certified for VPH, but is certified for VPH in NC.

If you have any questions regarding this report please contact the Shealy Project Manager listed on the cover page.

Pesticides

As per SOP requirements, only one of the surrogates has to be within acceptance limits. The sample results are reported and no corrective action is required.

SHEALY ENVIRONMENTAL SERVICES, INC.

Sample Summary S&ME, Inc. Lot Number: MD14023

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	MW-1	Aqueous	04/14/2011 1153	04/14/2011
002	MVV-2	Aqueous	04/14/2011 1003	04/14/2011
003	MVV~3	Aqueous	04/14/2011 1120	04/14/2011
004	MVV-4	Aqueous	04/14/2011 1215	04/14/2011

(4 samples)

SHEALY ENVIRONMENTAL SERVICES, INC.

Executive Summary

S&ME, Inc.

Lot Number: MD14023

Sample	e Sample ID	Matrix	Parameter	Method	Result	Q Units	Page
001	MW-1	Aqueous	Dissolved Iron	6010C	5.4	mg/L	5
001	MW-1	Aqueous	Dissolved Manganese	6010C	0.16	mg/L	5
002	MW-2	Aqueous	Dissolved Iron	6010C	0.29	mg/L	12
002	MW-2	Aqueous	Dissolved Manganese	6010C	0.017	mg/L	12
002	MW-2	Aqueous	Aluminum	6010C	5.1	mg/L	14
002	MW-2	Aqueous	Arsenic	6010C	0.013	mg/L	14
002	MW-2	Aqueous	Chromium	6010C	0.030	mg/L	14
002	MW-2	Aqueous	Copper	6010C	0.0077	mg/L	14
002	MW-2	Aqueous	Iron	6010C	7.6	mg/L	14
002	MW-2	Aqueous	Manganese	6010C	0.031	mg/L	14
002	MW-2	Aqueous	Zinc	6010C	0.020	mg/L	14
003	MW-3	Aqueous	Dissolved Cadmium	6010C	0.0023	mg/L	20
003	MW-3	Aqueous	Dissolved Iron	6010C	1.2	mg/L	20
003	MW-3	Aqueous	Dissolved Manganese	6010C	0.031	mg/L	20
003	MW-3	Aqueous	Aluminum	6010C	44	mg/L	22
003	MW-3	Aqueous	Arsenic	6010C	0.027	mg/L	22
003	MW-3	Aqueous	Barium	6010C	0.087	mg/L	22
003	MW-3	Aqueous	Chromium	6010C	0.17	mg/L	22
003	MW-3	Aqueous	Соррег	6010C	0.077	mg/L	22
003	MVV-3	Aqueous	Iron	6010C	59	mg/L	22
003	MW-3	Aqueous	Lead	6010C	0.025	mg/L	22
003	MW-3	Aqueous	Manganese	6010C	0.10	mg/L	22
003	MW-3	Aqueous	Mercury	7470A	0.0017	mg/L	22
003	MW-3	Aqueous	Nickel	6010C	0.049	mg/L	22
003	MW-3	Aqueous	Vanadium	6010C	0.21	mg/L	22
003	MW-3	Aqueous	Zinc	6010C	0.055	mg/L	22
004	MW-4	Aqueous	Dissolved Iron	6010C	0.32	mg/L	28
004	MW-4	Aqueous	Dissolved Manganese	6010C	0.062	mg/L	28
004	MW-4	Aqueous	Aluminum	6010C	390	mg/L	30
004	MW-4	Aqueous	Arsenic	6010C	0.041	mg/L	30
004	MW-4	Aqueous	Barium	6010C	0.43	mg/L	30
004	MW-4	Aqueous	Beryllium	6010C	0.0042	mg/L	30
004	MW-4	Aqueous	Chromium	6010C	0.39	mg/L	30
004	MW-4	Aqueous	Copper	6010C	0.20	mg/L	30
004	MW-4	Aqueous	Iron	6010C	140	mg/L	30
004	MW-4	Aqueous	Lead	6010C	0.19	mg/L	30
004	MW-4	Aqueous	Magnesium	6010C	8.3	mg/L	30
004	MW-4	Aqueous	Manganese	6010C	0.33	mg/L	30
004	MW-4	Aqueous	Mercury	7470A	0.0017	mg/L	30
004	MW-4	Aqueous	Nickel	6010C	0.11	mg/L	30
004	MW-4	Aqueous	Potassium	6010C	6.0	mg/L	30
004	MW-4	Aqueous	Vanadium	6010C	0.86	mg/L	30
004	MW-4	Aqueous	Zinc	6010C	0.20	mg/L	30

(43 detections)

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ICP-AES

Client: S&ME, Inc.

Description: MW-1

Date Sampled:04/14/2011 1153

Date Received: 04/14/2011

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	04/19/2011 1914	CDF	04/18/2011 2147	57708
2	3005A	6010C	1	04/20/2011 1616	CDF	04/18/2011 2147	57708

Desemption	CAS	Analytical	Decult	0 501	11	_
Parameter	Number	Method	Result	Q PQL	Units	Run
Dissolved Aluminum	7429-90-5	6010C	ND	0.20	mg/L	1
Dissolved Antimony	7440-36-0	6010C	ND	0.010	mg/L	1
Dissolved Arsenic	7440-38-2	6010C	ND	0.010	mg/L	1
Dissolved Barium	7440-39-3	6010C	ND	0.025	mg/L	1
Dissolved Beryllium	7440-41-7	6010C	ND	0.0040	mg/L	1
Dissolved Cadmium	7440-43-9	6010C	ND	0.0020	mg/L	1
Dissolved Calcium	7440-70-2	6010C	ND	5.0	mg/L	1
Dissolved Chromium	7440-47-3	6010C	ND	0.0050	mg/L	1
Dissolved Cobalt	7440-48-4	6010C	ND	0.025	mg/L	1
Dissolved Copper	7440-50-8	6010C	ND	0.0050	mg/L	1
Dissolved Iron	7439-89-6	6010C	5.4	0.10	mg/L	1
Dissolved Lead	7439-92-1	6010C	ND	0.010	mg/L	1
Dissolved Magnesium	7439-95-4	6010C	ND	5.0	mg/L	1
Dissolved Manganese	7439-96-5	6010C	0.16	0.015	mg/L	1
Dissolved Nickel	7440-02-0	6010C	ND	0.040	mg/L	1
Dissolved Potassium	7440-09-7	6010C	ND	5.0	mg/L	1
Dissolved Selenium	7782-49-2	6010C	ND	0.010	mg/L	2
Dissolved Silver	7440-22-4	6010C	ND	0.0050	mg/L	1
Dissolved Sodium	7440-23-5	6010C	ND	5.0	mg/L	1
Dissolved Thallium	7440-28-0	6010C	ND	0.050	mg/L	1
Dissolved Vanadium	7440-62-2	6010C	ND	0.050	mg/L	1
Dissolved Zinc	7440-66-6	6010C	ND	0.020	mg/L	1

 PQL = Practical quantitation limit
 B = Detected in the method blank
 E = Quantitation of compound exceeded the calibration range

 ND = Not detected at or above the PQL
 J = Estimated result < PQL and > MDL
 P = The RPD between two GC columns exceeds 40%

 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
 N = Recovery is out of criteria
 H = Out of holding time

Shealy Environmental Services, Inc.

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Laboratory ID: MD14023-001 Matrix: Aqueous

> Page: 5 of 30 Level 1 Report v2.1

Client: S&ME, Inc.						Laboratory ID: MD14023-001				
Description: MW-1		Matrix: Aqueous					ieous			
Date Sampled:04/14/201	1 1153									
Date Received: 04/14/201	1									
Run Prep Method 1	Analytical Method 7470A	Dilution 1	Analysis I 04/26/2011		Analyst KJC	Prep D: 04/25/201		Batch 58215		
Parameter	· · · · · · · · · · · · · · · · ·		CAS Number		lytical ethod	Result	Q	PQL	Units	Run
Dissolved Mercury		7/	139-97-6	7	7470A	ND		0.00010	mg/L	1

CVAA

 PQL = Practical quantitation limit
 B = Detected in the method blank
 E = Quantitation of compound exceeded the calibration range

 ND = Not detected at or above the PQL
 J = Estimated result < PQL and ≥ MDL</td>
 P = The RPD between two GC columns exceeds 40%

 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
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Volatile Organic Compounds by GC/MS

Client: S&ME, Inc.

Description: MW-2

Date Sampled:04/14/2011 1003

Date Received: 04/14/2011

Prep Method Run Analytical Method Dilution Analysis Date Analyst Prep Date Batch 5030B 8260B 04/18/2011 1302 ВM 57685 1 1 CAS Analytical Parameter Result Q PQL Units Run Number Method 20 Acetone 67-64-1 8260B ND ug/L 1 Benzene 71-43-2 8260B ND 5.0 ug/L 1 Bromodichloromethane 75-27-4 8260B ND 5.0 ug/L 1 Bromoform 75-25-2 8260B ND 5.0 ug/L 1 Bromomethane (Methyl bromide) 74-83-9 8260B ND 5.0 ug/L 1 2-Butanone (MEK) 78-93-3 8260B ND 10 ug/L 1 Carbon disulfide 75-15-0 8260B ND 5.0 ug/L 1

Carbon tetrachloride	56-23-5	8260B	ND	5.0	ug/L	1	
Chlorobenzene	108-90-7	8260B	ND	5.0	ug/L	1	
Chloroethane	75-00-3	8260B	ND	5.0	ug/L	1	
Chloroform	67-66-3	8260B	ND	5.0	ug/L	1	
Chloromethane (Methyl chloride)	74-87-3	8260B	ND	5.0	ug/L	1	
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND	5.0	ug/L	1	
Dibromochloromethane	124-48-1	8260B	ND	5.0	ug/L	1	
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND	5.0	ug/L	1	
1,2-Dichlorobenzene	95-50-1	8260B	ND	5.0	ug/L	1	
1,3-Dichlorobenzene	541-73-1	8260B	ND	5.0	ug/L	1	
1,4-Dichlorobenzene	106-46-7	8260B	ND	5.0	ug/L	1	
1,1-Dichloroethane	75-34-3	8260B	ND	5.0	ug/L	1	
1,2-Dichloroethane	107-06-2	8260B	ND	5.0	ug/L	1	
1,1-Dichloroethene	75-35-4	8260B	ND	5.0	ug/L	1	
cis-1,2-Dichloroethene	156-59-2	8260B	ND	5.0	ug/L	1	
trans-1,2-Dichloroethene	156-60-5	8260B	ND	5.0	ug/L	1	
1,2-Dichloropropane	78-87-5	8260B	ND	5.0	ug/L	1	
cis-1,3-Dichloropropene	10061-01-5	8260B	ND	5.0	ug/L	1	
trans-1,3-Dichloropropene	10061-02-6	8260B	ND	5.0	ug/L	1	
Ethylbenzene	100-41-4	8260B	ND	5.0	ug/L	1	
2-Hexanone	591-78-6	8260B	ND	10	ug/L	1	
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND	5.0	ug/L	1	
4-Methyl-2-pentanone	108-10-1	8260B	ND	10	ug/L	1	
Methylene chloride	75-09-2	8260B	ND	5.0	ug/L	1	
Naphthalene	91-20-3	8260B	ND	5.0	ug/L	1	
Styrene	100-42-5	8260B	ND	5.0	ug/L	1	
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND	5.0	ug/L	1	
Tetrachloroethene	127-18-4	8260B	ND	5.0	ug/L	1	
Toluene	108-88-3	8260B	ND	5.0	ug/L	1	•
1,1,1-Trichloroethane	71-55-6	8260B	ND	5.0	ug/L	1	
1,1,2-Trichloroethane	79-00-5	8260B	ND	5.0	ug/L	1	
Trichloroethene	79-01-6	8260B	ND	5.0	ug/L	1	
Vinyl chloride	75-01-4	8260B	ND	2.0	ug/L	1	
Xylenes (total)	1330-20-7	8260B	ND	5.0	ug/L	1	

PQL = Practical quantitation limit B = Detected in the method blank		E = Quantitation of compound exceeded the calibration range			
ND = Not detected at or above the PQL	J = Estimated result < PQL and > MDL	P = The RPD between two GC columns exceeds	40%		
Where applicable, all soil sample analysis are reported on a dry	weight basis unless flagged with a "W"	N = Recovery is out of criteria	H = Out of holding time		

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Laboratory ID: MD14023-002 Matrix: Aqueous

waux. /

Volatile Organic Compounds by GC/MS

Client: S&ME, Inc. Description: MW-2 Date Sampled:04/14/2011 1003 Date Received: 04/14/2011 Laboratory ID: MD14023-002 Matrix: Aqueous

Surrogate	Run 1 Q % Recovery	Acceptance Limits
Bromofluorobenzene	100	70-130
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	115	70-130

 PQL = Practical quantitation limit
 B = Detected in the method blank
 E = Quantitation of compound exceeded the calibration range

 ND = Not detected at or above the PQL
 J = Estimated result < PQL and > MDi,
 P = The RPD between two GC columns exceeds 40%

 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
 N = Recovery is out of criteria
 H = Out of holding time

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Semivolatile Organic Compounds by GC/MS

Analyst

Dilution Analysis Date

Client: S&ME, Inc.

Description: MW-2

Date Sampled:04/14/2011 1003

Prep Method

Analytical Method

Laboratory ID: MD14023-002

Batch

Prep Date

Matrix: Aqueous

Date Received: 04/14/2011

Run

Run Prep Method Analytical Method 1 3520C 82	70D 1 04/16/2011	•	04/15/201		57520		
Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Rui
Acenaphthene	83-32-9	8270D	ND		5.2	ug/L	1
Acenaphthylene	208-96-8	8270D	ND		5.2	ug/L	1
Anthracene	120-12-7	8270D	ND		5.2	ug/L	1
Benzo(a)anthracene	56-55-3	8270D	ND		5.2	ug/L	1
Benzo(a)pyrene	50-32-8	8270D	ND		5.2	ug/L	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		5.2	ug/L	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		5.2	ug/L	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		5.2	ug/L	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		5.2	ug/L	1
Butyl benzyl phthalate	85-68-7	8270D	ND	L	10	ug/L	1
Carbazole	86-74-8	8270D	ND		5.2	ug/L	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		5.2	ug/L	1
4-Chloroaniline	106-47-8	8270D	ND		5.2	ug/L	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		5.2	ug/L	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		5.2	ug/L	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		5.2	ug/L	1
2-Chloronaphthalene	91-58-7	8270D	ND		5.2	ug/L	1
2-Chlorophenol	95-57-8	8270D	ND		5.2	ug/L	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		5.2	ug/L	1
Chrysene	218-01-9	8270D	ND		5.2	ug/L	1
Di-n-butyl phthalate	84-74-2	8270D	ND		5.2	ug/L	1
Di-n-octylphthalate	117-84-0	8270D	ND		5.2	ug/L	1
Dienzo(a,h)anthracene	53-70-3	8270D	ND		5.2	ug/L	1
Dibenzofuran	132-64-9	8270D	ND		5.2	ug/L	1
1,2-Dichlorobenzene	95-50-1	8270D	ND		5.2	ug/L	1
1,3-Dichlorobenzene	541-73-1	8270D	ND		5.2	ug/L	1
1,4-Dichlorobenzene	106-46-7	8270D	ND		5.2	ug/L	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		26	ug/L	1
2,4-Dichlorophenol	120-83-2	8270D	ND		5.2	ug/L	1
Diethylphthalate	84-66-2	8270D	ND		5.2	ug/L	1
Dimethyl phthalate	131-11-3	8270D	ND		5.2	ug/L	1
2,4-Dimethylphenol	105-67-9	8270D	ND		5.2	ug/L	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		26	ug/L	1
2,4-Dinitrophenol	51-28-5	8270D	ND		26	ug/L	1
2.4-Dinitrotoluene	121-14-2	8270D	ND		10	ug/L	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		10	ug/L	1
pis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		5.2	ug/L	1
Fluoranthene	206-44-0	8270D	ND		5.2	ug/L	1
Fluorannene	200-44-0 86-73-7	8270D	ND		5.2	ug/L	1
-iuorene Hexachlorobenzene	118-74-1	8270D	ND		5.2	ug/L	1
Hexachlorobutadiene	87-68-3	8270D 8270D	ND		5.2	ug/L	1
	77-47-4	8270D 8270D	ND		26		1
Hexachlorocyclopentadiene Hexachloroethane	67-72-1	8270D 8270D	ND		28 5.2	ug/L	1
						ug/L	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		5.2	ug/L	1
POL - Practical quantitation limit	B = Detected in the method bit	look	E = Ouentitet	ion of comp	ound exceeded the c	alibration range	

E = Quantitation of compound exceeded the calibration range PQL = Practical quantitation limit B = Detected in the method blank

ND = Not detected at or above the PQL J = Estimated result < PQL and > MDL P = The RPD between two GC columns exceeds 40% H = Out of holding time

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" N = Recovery is out of criteria

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Semivolatile Organic Compounds by GC/MS

Client: S&ME, Inc.

Description: MW-2

Date Sampled:04/14/2011 1003

3520C

Laboratory ID: MD14023-002

Batch

Matrix: Aqueous

Date Received: 04/14/2011

Run **Prep Method**

1

Analytical Method Dilution Analysis Date 04/16/2011 2031 8270D 1

Analyst Prep Date JWS 04/15/2011 1507 57520

		CAS	Analytical		_			_
Parameter		Number	Method	Result	Q	PQL	Units	Run
Isophorone		78-59-1	8270D	ND		5.2	ug/L	1
2-Methylnaphthalene		91-57-6	8270D	ND		5.2	ug/L	1
2-Methylphenol		95-48-7	8270D	ND		5.2	ug/L	1
3 & 4-Methylphenol		106-44-5	8270D	ND		10	ug/L	1
N-Nitrosodi-n-propylamine		621-64-7	8270D	ND		5.2	ug/L	1
N-Nitrosodiphenylamine (Diphenylamine)		86-30-6	8270D	ND		5.2	ug/L	1
Naphthalene		91-20-3	8270D	ND		5.2	ug/L	1
2-Nitroaniline		88-74-4	8270D	ND		10	ug/L	1
3-Nitroaniline		99-09-2	8270D	ND		10	ug/L	1
4-Nitroaniline		100-01-6	8270D	ND		10	ug/L	1
Nitrobenzene		98-95-3	8270D	ND		5.2	ug/L	1
2-Nitrophenol		88-75-5	8270D	ND		10	ug/L	1
4-Nitrophenol		100-02-7	8270D	ND		26	ug/L	1
Pentachlorophenol		87-86-5	8270D	ND		26	ug/L	1
Phenanthrene		85-01-8	8270D	ND		5.2	ug/L	1
Phenol		108-95-2	8270D	ND		5.2	ug/L	1
Pyrene		129-00-0	8270D	ND		5.2	ug/L	1
1,2,4-Trichlorobenzene		120-82-1	8270D	ND		5.2	ug/L	1
2,4,5-Trichlorophenol		95-95-4	8270D	ND		5.2	ug/L	1
2,4,6-Trichlorophenol		88-06-2	8270D	ND		5.2	ug/L	1
Surrogate	Q	Run 1 Accept % Recovery Limi	ance ts					
2,4,6-Tribromophenol		100 41-1	44					
2-Fluorobiphenyl		100 37-1	29					
2-Fluorophenol		93 24-1	27					
Nitrobenzene-d5		89 38-1	27					
Phenol-d5		96 28-1	28					
Terphenyl-d14		42 10-1	48					

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range J = Estimated result < PQL and > MDL P = The RPD between two GC columns exceeds 40% ND = Not detected at or above the PQL Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" N = Recovery is out of criteria H = Out of holding time

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Page: 10 of 30 Level 1 Report v2.1 Client: S&ME, Inc.

Description: MW-2

Date Sampled:04/14/2011 1003

Laboratory ID: MD14023-002 Matrix: Aqueous

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Date Received: 04/14/2011

Run

Prep Method Analytical Method Dilution Analysis Date Analyst 04/15/2011 1616 57519 04/19/2011 0343 NCM 3520C 8081B 1

Prep Date Batch

Parameter		CAS Number	Analytical Method	Result	Q PQL	Units	Run
Aldrin		309-00-2	8081B	ND	0.027	ug/L	1
alpha-BHC		319-84-6	8081B	ND	0.027	ug/L	1
beta-BHC		319-85-7	8081B	ND	0.027	ug/L	1
delta-BHC		319-86-8	8081B	ND	0.027	ug/L	1
gamma-BHC (Lindane)		58-89-9	8081B	ND	0.027	ug/L	1
alpha-Chlordane		5103-71-9	8081B	ND	0.027	ug/L	1
gamma-Chlordane		5103-74-2	8081B	ND	0.027	ug/L	1
4,4'-DDD		72-54-8	8081B	ND	0.027	ug/L	1
4,4'-DDE		72-55-9	8081B	ND	0.027	ug/L	1
4,4'-DDT		50-29-3	8081B	ND	0.027	ug/L	1
Dieldrin		60-57-1	8081B	ND	0.027	ug/L	1
Endosulfan I		959-98-8	8081B	ND	0.027	ug/L	1
Endosulfan II		33213-65-9	8081B	ND	0.027	ug/L	1
Endosulfan sulfate		1031-07-8	8081B	ND	0.027	ug/L	1
Endrin		72-20-8	8081B	ND	0.027	ug/L	1
Endrin aldehyde		7421-93-4	8081B	ND	0.027	ug/L	1
Endrin ketone		53494-70-5	8081B	ND	0.027	ug/L	1
Heptachlor		76-44-8	8081B	ND	0.027	ug/L	1
Heptachlor epoxide		1024-57-3	8081B	ND	0.027	ug/L	1
Methoxychlor		72-43-5	8081B	ND	0.11	ug/L	1
Toxaphene		8001-35-2	8081B	ND	0.27	ug/L	1
Surrogate	Q	Run 1 Accep % Recovery Lirr	tance lits				
Decachlorobiphenyl	N		131				
Tetrachloro-m-xylene		73 26-	132				

PQL = Practical quantitation limit	E = Quantitation of compound exceeded the calibration range				
ND = Not detected at or above the PQL	<pre>J = Estimated result < PQL and > MDL</pre>	P = The RPD between two GC columns exceeds 40%			
Where applicable, all soil sample analysis are reported on a dry	weight basis unless flagged with a "W"	N = Recovery is out of criteria	H = Out of holding time		

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ICP-AES

Client: S&ME, Inc.

Description: MW-2

Date Sampled:04/14/2011 1003

Date Received: 04/14/2011

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	04/19/2011 1920	CDF	04/18/2011 2147	57708
2	3005A	6010C	1	04/20/2011 1634	CDF	04/18/2011 2147	57708

Parameter	CAS	Analytical	Result	Q	PQL	Units	Run
Falalleter	Number	Method		<u> </u>		Units	Kun
Dissolved Aluminum	7429-90-5	6010C	ND		0.20	mg/L	1
Dissolved Antimony	7440-36-0	6010C	ND		0.010	mg/L	1
Dissolved Arsenic	7440-38-2	6010C	ND		0.010	mg/L	1
Dissolved Barlum	7440-39-3	6010C	ND		0.025	mg/L	1
Dissolved Beryllium	7440-41-7	6010C	ND	(0.0040	mg/L	1
Dissolved Cadmium	7440-43-9	6010C	ND	(0.0020	mg/L	1
Dissolved Calcium	7440-70-2	6010C	ND		5.0	mg/L	1
Dissolved Chromium	7440-47-3	6010C	ND	(0.0050	mg/L	1
Dissolved Cobalt	7440-48-4	6010C	ND		0.025	mg/L	1
Dissolved Copper	7440-50-8	6010C	ND	(0.0050	mg/L	1
Dissolved Iron	7439-89-6	6010C	0.29		0.10	mg/L	1
Dissolved Lead	7439-92-1	6010C	ND		0.010	mg/L	1
Dissolved Magnesium	7439-95-4	6010C	ND		5.0	mg/L	1
Dissolved Manganese	7439-96-5	6010C	0.017		0.015	mg/L	1
Dissolved Nickel	7440-02-0	6010C	ND		0.040	mg/L	1
Dissolved Potassium	7440-09-7	6010C	ND		5.0	mg/L	1
Dissolved Selenium	7782-49-2	6010C	ND		0.010	mg/L	2
Dissolved Silver	7440-22-4	6010C	ND	(0.0050	mg/L	1
Dissolved Sodium	7440-23-5	6010C	ND		5.0	mg/L	1
Dissolved Thallium	7440-28-0	6010C	ND		0.050	mg/L	1
Dissolved Vanadium	7440-62-2	6010C	ND		0.050	mg/L	1
Dissolved Zinc	7440-66-6	6010C	ND		0.020	mg/L	1

 PQL = Practical quantitation limit
 B = Detected in the method blank
 E = Quantitation of compound exceeded the calibration range

 ND = Not detected at or above the PQL
 J = Estimated result < PQL and ≥ MDL</td>
 P = The RPD between two GC columns exceeds 40%

 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
 N = Recovery is out of criteria
 H = Out of holding time

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Matrix: Aqueous

(Client: S&ME, Inc.						Laboratory ID: MD14023-002					
Descri	iption: MW-2		Matrix: Aqueous									
Date Sar	mpled:04/14/2011	1003										
Date Rec	eived: 04/14/2011											
Run 1	Prep Method	Analytical Method 7470A	Dilution 1	Analysis I 04/26/2011		n alyst KJC	Prep D a 04/25/201		Batch 58215			
Paramet	ter			CAS Number	Analyti Metho		Result	Q	PQL	Units	Run	
Dissolve	d Mercury		7.	439-97-6	747	0A	ND		0.00010	mg/L	1	

CVAA

PQL = Practical quantitation limit	PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded				
ND = Not detected at or above the PQL	J = Estimated result < PQL and > MDL	P = The RPD between two GC columns exceeds 40%			
Where applicable, all soil sample analysis are reported	on a dry weight basis unless flagged with a "W"	N = Recovery is out of criteria	H = Out of holding time		

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Page: 13 of 30 Level 1 Report v2.1

TAL Metals

Client: S&ME, Inc.

Description: MW-2

Date Sampled:04/14/2011 1003

Date Received: 04/14/2011

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		- 7470A	1	04/26/2011 1128	KJĊ	04/25/2011 1824	58215
1	3005A	6010C	1	04/15/2011 1957	CDF	04/14/2011 2047	57485

	CAS	Analytical				_
Parameter	Number	Method	Result	Q PQL	Units	Run
Aluminum	7429-90-5	6010C	5.1	0.20	mg/L	1
Antimony	7440-36-0	6010C	ND	0.010	mg/L	1
Arsenic	7440-38-2	6010C	0.013	0.010	mg/L	1
Barium	7440-39-3	6010C	ND	0.025	mg/L	1
Beryllium	7440-41-7	6010C	ND	0.0040	mg/L	1
Cadmium	7440-43-9	6010C	ND	0.0020	mg/L	1
Calcium	7440-70-2	6010C	ND	5.0	mg/L	1
Chromium	7440-47-3	6010C	0.030	0.0050	mg/L	1
Cobalt	7440-48-4	6010C	ND	0.025	mg/L	1
Copper	7440-50-8	6010C	0.0077	0.0050	mg/L	1
fron	7439-89-6	6010C	7.6	0.10	mg/L	1
Lead	7439-92-1	6010C	ND	0.010	mg/L	1
Magnesium	7439-95-4	6010C	ND	5.0	mg/L	1
Manganese	7439-96-5	6010C	0.031	0.015	mg/L	1
Mercury	7439-97-6	7470A	ND	0.00010	mg/L	1
Nickel	7440-02-0	6010C	ND	0.040	mg/L	1
Potassium	7440-09-7	6010C	ND	5.0	mg/L	1
Selenium	7782-49-2	6010C	ND	0.010	mg/L	1
Silver	7440-22-4	6010C	ND	0.0050	mg/L	1
Sodium	7440-23-5	6010C	ND	5.0	mg/L	1
Thallium	7440-28-0	6010C	ND	0.050	mg/L	1
Vanadium	7440-62-2	6010C	ND	0.050	mg/L	1
Zinc	7440-66-6	6010C	0.020	0.020	mg/L	1

 PQL = Practical quantitation limit
 B = Detected in the method blank
 E = Quantitation of compound exceeded the calibration range

 ND = Not detected at or above the PQL
 J = Estimated result < PQL and > MDL
 P = The RPD between two GC columns exceeds 40%

 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
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Laboratory ID: MD14023-002

Matrix: Aqueous

Laboratory ID: MD14023-003

Matrix: Aqueous

Client: S&ME, Inc.

Description: MW-3

Date Sampled:04/14/2011 1120

Date Received: 04/14/2011

Run Prep Method Analytical Method 1 5030B 8260B	Dilution Analysis 1 04/18/2011	-	Prep Da	ate	Batch 57685			
Parameter	CAS Number	Analytical	Result	Q	PQL	Units	Run	
	67-64-1	Method 8260B	ND	-	20	ug/L	1	
	71-43-2	8260B	ND		5.0	ug/L	1	
Benzene Bromodichloromethane	71-43-2	8260B	ND		5.0	ug/L	1	
	75-27-4	8260B	ND		5.0	ug/L	1	
Bromoform	75-25-2 74-83-9	8260B	ND		5.0	ug/L	1	
Bromomethane (Methyl bromide)			ND		10	ug/L	1	
2-Butanone (MEK)	78-93-3 75-15-0	8260B 8260B	ND		5.0	ug/L	1	
Carbon disulfide Carbon tetrachloride	56-23-5	8260B	ND		5.0	ug/L	1	
	108-90-7	8260B	ND		5.0	ug/L	1	
Chlorobenzene			ND		5.0	-	1	
Chloroethane	75-00-3	8260B 8260B	ND		5.0	ug/L	1	
Chloroform	67-66-3		ND ND		5.0	ug/L	1	
Chloromethane (Methyl chloride)	74-87-3	8260B				ug/L		
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.0	ug/L	1	
Dibromochloromethane	124-48-1	8260B	ND		5.0	ug/L	1	
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.0	ug/L	1	
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.0	ug/L	1	
,3-Dichlorobenzene	541-73-1	8260B	ND		5.0	ug/L	1	
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.0	ug/L	1	
1,1-Dichloroethane	75-34-3	8260B	ND		5.0	ug/L	1	
1,2-Dichloroethane	107-06-2	8260B	ND		5.0	ug/L	1	
1,1-Dichloroethene	75-35-4	8260B	ND		5.0	ug/L	1	
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.0	ug/L	1	
rans-1,2-Dichloroethene	156-60-5	8260B	ND		5.0	ug/L	1	
1,2-Dichloropropane	78-87-5	8260B	ND		5.0	ug/L	1	
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.0	ug/L	1	
rans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.0	ug/L	1	
Ethylbenzene	100-41-4	8260B	ND		5.0	ug/L	1	
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1	
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.0	ug/L	1	
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1	
Viethylene chloride	75-09-2	8260B	ND		5.0	ug/L	1	
Naphthalene	91-20-3	8260B	ND		5.0	ug/L	1	
Styrene	100-42-5	8260B	ND		5.0	ug/L	1	
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.0	ug/L	1	
Fetrachloroethene	127-18-4	8260B	ND		5.0	ug/L	1	
Toluene	108-88-3	8260B	ND		5.0	ug/L	1	
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.0	ug/L	1	
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.0	ug/L	1	
Trichloroethene	79-01-6	8260B	ND		5.0	ug/L	1	
√inyl chloride	75-01-4	8260B	ND		2.0	ug/L	1	
Xylenes (total)	1330-20-7	8260B	ND		5.0	ug/L	1	

PQL = Practical quantitation limit	B = Detected in the method blank	E = Quantitation of compound exceeded	the calibration range
ND = Not detected at or above the PQL	J = Estimated result < PQL and > MDL	P = The RPD between two GC columns e	exceeds 40%
Where applicable, all soil sample analysis are reported	d on a dry weight basis unless flagged with a "W"	N = Recovery is out of criteria	H = Out of holding time

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Client: S&ME, Inc. Description: MW-3 Date Sampled:04/14/2011 1120 Date Received: 04/14/2011 Laboratory ID: MD14023-003 Matrix: Aqueous

Surrogate	Run 1 A Q % Recovery	cceptance Limits
Bromofluorobenzene	101	70-130
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	115	70-130

 PQL = Practical quantitation limit
 B = Detected in the method blank
 E = Quantitation of compound exceeded the calibration range

 ND = Not detected at or above the PQL
 J = Estimated result < PQL and ≥ MDL</td>
 P = The RPD between two GC columns exceeds 40%

 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
 N = Recovery is out of criteria
 H = Out of holding time

Shealy Environmental Services, Inc.

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Page: 16 of 30 Level 1 Report v2.1 Client: S&ME, Inc.

Description: MW-3 Date Sampled:04/14/2011 1120

Laboratory ID: MD14023-003 Matrix: Aqueous

Batch

Date Received: 04/14/2011

Run

1

Prep Method **Analytical Method** 3520C 8270D

1

Dilution Analysis Date Analyst JWS 04/16/2011 2050

Prep Date

04/15/2011 1507 57520

Acenaphthylene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(k)fluoranthene Benzo(k)fluoranthene 4-Bromophenyl phenyl ether Butyl benzyl phthalate Carbazole 4-Chloro-3-methyl phenol 4-Chloroaniline bis(2-Chloroethoxy)methane bis(2-Chloroethoxy)methane bis(2-Chloropethyl)ether 2-Chlorophenol 4-Chlorophenyl phenyl ether 2-Chlorophenol 4-Chlorophenyl phenyl ether Chrysene Di-n-butyl phthalate Dibenzo(a, h)anthracene Dibenzo(a, h)anthracene Dibenzo(a, h)anthracene Dibenzo(a, h)anthracene Dibenzo(a, h)anthracene Dibenzofuran 1,2-Dichlorobenzene 3,3'-Dichlorobenzene 3,3'-Dichlorobenzene 3,3'-Dichlorobenzene 2,4-Dinitro-2-methylphenol 2,4-Dinitro-2-methylphenol 2,4-Dinitrobuene 2,6-Dinitroluene <t< th=""><th>Number 83-32-9 208-96-8 120-12-7 56-55-3 50-32-8 205-99-2 191-24-2 207-08-9 101-55-3</th><th>Method 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D</th><th>ND ND ND ND ND</th><th> 5.2 5.2 5.2</th><th>ug/L</th><th>1</th></t<>	Number 83-32-9 208-96-8 120-12-7 56-55-3 50-32-8 205-99-2 191-24-2 207-08-9 101-55-3	Method 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D	ND ND ND ND ND	 5.2 5.2 5.2	ug/L	1
Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene 4-Bromophenyl phenyl ether Butyl benzyl phthalate Carbazole 4-Chloro-3-methyl phenol 4-Chloro-3-methyl phenol 4-Chloroaniline bis(2-Chloroethoxy)methane bis(2-Chloroethoxy)methane bis(2-Chloroethoxy)methane bis(2-Chloroethoxy)methane 2-Chloronaphthalene 2-Chloronaphthalene 2-Chlorophenol 4-Chlorophenol 4-Chlorophenol 4-Chlorophenyl phenyl ether Chrysene Di-n-butyl phthalate Dibenzo(a,h)anthracene Dibenzofuran 1,2-Dichlorobenzene 1,3-Dichlorobenzene 3,3'-Dichlorobenzene 3,3'-Dichlorobenzene 3,3'-Dichlorobenzene 2,4-Dinthyl phthalate Dimethyl phthalate Dimethyl phthalate 2,4-Dintro-2-methylphenol 2,4-Dinitro-2-methylphenol 2,4-Dinitrotoluene 2,6-Dinitrotoluene bis(2-Ethylhexyl)phthalate	208-96-8 120-12-7 56-55-3 50-32-8 205-99-2 191-24-2 207-08-9	8270D 8270D 8270D 8270D 8270D 8270D 8270D	ND ND ND ND	5.2	-	
Anthracee Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(y,h)perylene Benzo(k)fluoranthene 4-Bromophenyl phenyl ether Butyl benzyl phthalate Carbazole 4-Chloro-3-methyl phenol 4-Chloro-3-methyl phenol 4-Chloroaniline bis(2-Chloroethoxy)methane bis(2-Chloroethoxy)methane bis(2-Chloroethoxy)methane bis(2-Chloroethoxy)methane bis(2-Chloroethoxy)methane 2-Chlorophenol 4-Chlorophenol 4-Chlorophenol 4-Chlorophenol 4-Chlorophenol 4-Chlorophenol 4-Chlorophenol 4-Chlorophenol 4-Chlorophenol 4-Chlorophenol 4-Chlorobenzene Dienzo(a,h)anthracene Dibenzofuran 1,2-Dichlorobenzene 1,3-Dichlorobenzene 3,3'-Dichlorobenzene 3,3'-Dichlorobenzene 3,3'-Dichlorobenzene 3,3'-Dichlorobenzene 3,3'-Dichlorophenol Diethylphthalate Dimethyl phthalate 2,4-Dimitro2-methylphenol 4,6-Dinitro-2-methylphenol 2,4-Dinitrotoluene 2,6-Dinitrotoluene 2,6-Dinitrotoluene bis(2-Ethylhexyl)phthalate	56-55-3 50-32-8 205-99-2 191-24-2 207-08-9	8270D 8270D 8270D 8270D 8270D 8270D	ND ND	50	ug/L	1
Benzo(a)anthracene Benzo(a)pyrene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Benzo(k)fluoranthene Benzo(k)fluoranthene Benzo(k)fluoranthene Benzo(k)fluoranthene Benzo(k)fluoranthene Benzo(k)fluoranthene Benzo(k)fluoranthene Chloro-3-methyl phenol I-Chloro-3-methyl phenol I-Chloro-3-methyl phenol I-Chloro-3-methyl phenol I-Chloro-3-methyl phenol I-Chloro-3-methyl phenol I-Chloro-3-methyl phenol I-Chloro-3-methyl phenol I-Chloro-3-methyl phenyl ether Chloronaphthalene 2-Chloronaphthalene 2-Chlorophenol I-Chlorophenol I-Chlorophenol I-Chlorophenol I-Chlorophenol I-Chlorobenzene I.3-Dichlorobenzene I.3-Dichlorobenzene I.3-Dichlorobenzene I.4-Dichlorophenol Diethyl phthalate Dimethyl phthalate Dimethyl phthalate I.4-Dinitro-2-methylphenol I.4-Dinitro-2-methylphenol I.4-Dinitrophenol I.4-Dinitrotoluene I.4-Dinitrotoluene I.4-Dinitrotoluene I.4-Dinitrotoluene I.4-Dinitrotoluene I.4-Dinitrotoluene I.4-Dinitrotoluene I.4-Dinitrotoluene I.4-Dinitrotoluene	50-32-8 205-99-2 191-24-2 207-08-9	8270D 8270D 8270D	ND	0.4	ug/L	1
Banzo(a) pyrene Banzo(b) fluoranthene Banzo(b) fluoranthene Banzo(k) fluoranthene Banzo(k) fluoranthene Banzo(k) fluoranthene Banzo(k) fluoranthene Banzo(k) fluoranthene Banzo(k) fluoranthene Banzo(k) fluoranthene Carbazole E-Chloro-3-methyl phenol E-Chloro-3-methyl phenol E-Chloroaniline bis(2-Chloroethoxy) methane bis(2-Chloroethoxy) methane bis(2-Chloroethoxy) methane bis(2-Chloroethoxy) methane bis(2-Chloroethoxy) methane bis(2-Chloroethoxy) methane bis(2-Chloroethoxy) methane bis(2-Chlorophenol E-Chlorophenol E-Chlorophenol E-Chlorophenol E-Chlorophenol E-Chlorophenol E-Chlorophenol E-Chlorobenzene Dibenzo(u, h) anthracene Dibenzo(u, h) anthracene Dibenzo(u, h) anthracene Dibenzofuran E-2-Dichlorobenzene E-3-Dichlorobenzene E-4-Dichlorobenzene E-4-Dichlorophenol Diethyl phthalate Dimethyl phthalate Dimethyl phthalate Dimethyl phthalate Dimethyl phthalate E-4-Dinitro-2-methylphenol E-4-Dinitrophenol E-4-Dinitrotoluene C-6-Dinitrotoluene bis(2-Ethylhexyl) phthalate	205-99-2 191-24-2 207-08-9	8270D 8270D		5.2	ug/L	1
Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene I-Bromophenyl phenyl ether Butyl benzyl phthalate Carbazole I-Chloro-3-methyl phenol I-Chloro-3-methyl phenol I-Chloroaniline bis(2-Chloroethoxy)methane bis(2-Chloroethoxy)methane bis(2-Chloroethoxy)methane bis(2-Chloroisopropyl)ether 2-Chloronaphthalene 2-Chlorophenol I-Chlorophenol I-Chlorophenol I-Chlorophenol I-Chlorophenol I-Chlorophenol I-Chlorophenol I-Chlorobenzene Dibenzo(a,h)anthracene Dibenzofuran I,2-Dichlorobenzene I,4-Dichlorobenzene I,4-Dichlorobenzene I,4-Dichlorobenzene I,4-Dichlorophenol Diethyl phthalate Dimethyl phthalate Dimethyl phthalate I-Dichlorophenol I-Ch	191-24-2 207-08-9	8270D		5.2	ug/L	1
Benzo(y, h, i)perylene Benzo(k)fluoranthene I-Bromophenyl phenyl ether Butyl benzyl phthalate Carbazole I-Chloro-3-methyl phenol I-Chloro-3-methyl phenol I-Chloroaniline bis(2-Chloroethoxy)methane bis(2-Chloroisopropyl)ether Chloronaphthalene 2-Chlorophenol I-Chlorophenol I-Chlorophenol I-Chlorophenol I-Chlorophenol I-Chlorophenol I-Chlorophenol I-Chlorobenzene Dienzo(a,h)anthracene Dibenzo(a,h)anthracene Dibenzofuran I.2-Dichlorobenzene I.3-Dichlorobenzene I.3-Dichlorobenzene I.3-Dichlorobenzene I.3-Dichlorobenzene I.3-Dichlorobenzene I.3-Dichlorobenzene I.3-Dichlorobenzene I.3-Dichlorophenol Diethylphthalate Dimethyl phthalate Dimethyl phthalate IIII Dimethyl phthalate IIII Dimethyl phthalate IIII Dimethyl phthalate IIII Dimethyl phthalate IIII Dimethyl phthalate IIII Dimethyl phthalate IIII Dimitrophenol I.4-Dimitrophenol I.4-Dimitrophenol I.4-Dimitrotoluene IIII Dimethyl phthalate	207-08-9		ND	5.2	ug/L	1
Benzo(k)fluoranthene Bromophenyl phenyl ether Bromophenyl phenyl ether Butyl benzyl phthalate Carbazole I-Chloro-3-methyl phenol I-Chloroaniline bis(2-Chloroethoxy)methane bis(2-Chloroethoxy)methane bis(2-Chloroisopropyl)ether Chloronaphthalene 2-Chloronaphthalene 2-Chlorophenol I-Chlorophenol I-Chlorophenol I-Chlorophenyl phenyl ether Chrysene Di-n-butyl phthalate Dibenzofuran I,2-Dichlorobenzene I,3-Dichlorobenzene I,3-Dichlorobenzene I,3-Dichlorobenzene I,4-Dichlorobenzene I,4-Dichlorobenzene I,4-Dichlorobenzene I,4-Dichlorobenzene I,4-Dichlorophenol Diethylphthalate Dimethyl phthalate Dimethyl phthalate I-Chirorophenol I,4-Dinitro-2-methylphenol I,4-Dinitrobluene I,4-Dinitrobluene I,4-Dinitrotoluene IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	207-08-9		ND	5.2	ug/L	1
Butyl benzyl phthalate Carbazole I-Chloro-3-methyl phenol I-Chloro-3-methyl phenol I-Chloroaniline bis(2-Chloroethoxy)methane bis(2-Chloroethoxy)methane bis(2-Chloroethoxy)methane bis(2-Chloroethoxy)methane C-Chlorophenol I-Chlorophenol I-Chlorophenol I-Chlorophenol I-Chlorophenol I-Chlorophenol I-Chlorophenol I-Chlorophenol I-Chlorobenzene Dibenzo(a,h)anthracene Dibenzo(a,h)anthracene Dibenzofuran ,2-Dichlorobenzene ,3-Dichlorobenzene ,3-Dichlorobenzene ,3-Dichlorobenzene ,3-Dichlorobenzene ,3-Dichlorobenzene ,4-Dichlorophenol Diethyl phthalate Dimethyl pht	101-55-3	8270D	ND	5.2	ug/L	1
Carbazole I-Chloro-3-methyl phenol I-Chloro-3-methyl phenol I-Chloroaniline bis(2-Chloroethoxy)methane bis(2-Chloroethyl)ether I-Chloronaphthalene I-Chlorophenol I-Chlorophenol I-Chlorophenyl phenyl ether Chrysene Di-n-butyl phthalate Dibenzo(a,h)anthracene Dibenzo(a,h)anthracene Dibenzofuran ,2-Dichlorobenzene ,3-Dichlorobenzene ,3-Dichlorobenzene ,3-Dichlorobenzene ,3-Dichlorobenzene ,4-Dichlorophenol Diethyl phthalate Dimethyl phthalate Dimethyl phthalate Dimethyl phthalate I-Chlorophenol A-Dinitro-2-methylphenol ,4-Dinitrotoluene ,6-Dinitrotoluene bis(2-Ethylhexyl)phthalate		8270D	ND	5.2	ug/L	1
-Chloro-3-methyl phenol -Chloroaniline is(2-Chloroethoxy)methane is(2-Chloroethyl)ether is(2-Chloroethyl)ether -Chloronaphthalene -Chlorophenol -Chlorophenol -Chlorophenyl phenyl ether Chrysene Di-n-butyl phthalate Di-n-octylphthalate Dienzofuran ,2-Dichlorobenzene ,3-Dichlorobenzene ,3-Dichlorobenzene ,3-Dichlorobenzene ,4-Dichlorobenzene ,4-Dichlorophenol Diethylphthalate Dimethyl phthalate Dimethyl phthalate -(A-Dimitro-2-methylphenol ,4-Dinitrotoluene ,4-Dinitrotoluene ,4-Dinitrotoluene ,4-Dinitrotoluene (-Chlorophenol ,4-Dinitrotoluene -(-Chlorophenol -(-Chlor	85-68-7	8270D	ND	10	ug/L	1
Chloroaniline is (2-Chloroethoxy) methane is (2-Chloroethoxy) methane is (2-Chloroethyl) ether Chloronaphthalene Chlorophenol Chlorophenol Chlorophenyl phenyl ether Chlorophenyl phenyl ether Chlorobenzene Chlorobenzene Chlorobenzene Chlorobenzene Chlorobenzene Chlorophenol C	86-74-8	8270D	ND	5.2	ug/Ł	1
-Chloroaniline is(2-Chloroethoxy)methane is(2-Chloroethyl)ether -Chloronaphthalene -Chlorophenol -Chlorophenyl phenyl ether Chrysene Di-n-butyl phthalate Dienzo(a,h)anthracene Dibenzo(a,h)anthracene Dibenzo(a,h)anthracene Dibenzofuran ,2-Dichlorobenzene ,3-Dichlorobenzene ,3-Dichlorobenzene ,3-Dichlorobenzene ,4-Dichlorobenzidine ,4-Dichlorophenol Diethylphthalate Dimethyl phthalate Dimethyl phthalate Dimethyl phthalate Dimethyl phthalate A-Dinitro-2-methylphenol ,4-Dinitrophenol ,4-Dinitrotoluene ,6-Dinitrotoluene is(2-Ethylhexyl)phthalate	59-50-7	8270D	ND	5.2	ug/L	1
is (2-Chloroethyl) ether is (2-Chloroisopropyl) ether -Chloronaphthalene -Chlorophenol -Chlorophenyl phenyl ether Chrysene Di-n-butyl phthalate Di-n-octylphthalate Dienzo(a,h) anthracene Dibenzofuran ,2-Dichlorobenzene ,3-Dichlorobenzene ,3-Dichlorobenzene ,3'-Dichlorobenzene ,4-Dinitrobenzene ,4-Dinitrophenol ,4-Dinitrophenol ,4-Dinitrotoluene is(2-Ethylhexyl)phthalate	106-47-8	8270D	ND	5.2	ug/L	1
is(2-Chloroisopropyl)ether -Chloronaphthalene -Chlorophenol -Chlorophenyl phenyl ether Chrysene Di-n-butyl phthalate Di-n-octylphthalate Dibenzo(a,h)anthracene Dibenzofuran ,2-Dichlorobenzene ,3-Dichlorobenzene ,3'-Dichlorobenzene ,3'-Dichlorobenzene ,3'-Dichlorobenzene ,4-Dichlorobenzene ,4-Dichlorobenzidine ,4-Dichlorophenol Diethylphthalate Dimethyl phthalate Dimethyl phthalate A-Dimitro-2-methylphenol ,4-Dinitrotoluene ,6-Dinitrotoluene is(2-Ethylhexyl)phthalate	111-91-1	8270D	ND	5.2	ug/L	1
2-Chloronaphthalene 2-Chlorophenol 2-Chlorophenol 2-Chlorophenyl phenyl ether Chrysene Di-n-butyl phthalate Di-n-octylphthalate Dibenzo(a,h)anthracene Dibenzofuran ,2-Dichlorobenzene ,3-Dichlorobenzene ,3-Dichlorobenzene ,3-Dichlorobenzene ,4-Dichlorobenzene ,4-Dichlorobenzene ,4-Dichlorophenol Diethylphthalate Dimethyl phthalate 2,4-Dimethylphenol ,4-Dinitro-2-methylphenol ,4-Dinitrophenol ,4-Dinitrotoluene ,6-Dinitrotoluene bis(2-Ethylhexyl)phthalate	111-44-4	8270D	ND	5.2	ug/L	1
-Chlorophenol -Chlorophenyl phenyl ether chrysene Di-n-butyl phthalate Di-n-octylphthalate Dibenzo(a,h)anthracene Dibenzofuran ,2-Dichlorobenzene ,3-Dichlorobenzene ,4-Dichlorobenzene ,4-Dichlorobenzidine ,4-Dichlorophenol Diethylphthalate Dimethyl phthalate Dimethyl phthalate ,4-Dimitro-2-methylphenol ,6-Dinitro-2-methylphenol ,4-Dinitrotoluene ,6-Dinitrotoluene is(2-Ethylhexyl)phthalate	108-60-1	8270D	ND	5.2	ug/L	1
-Chlorophenol -Chlorophenyl phenyl ether chrysene Di-n-butyl phthalate Di-n-octylphthalate Dibenzo(a,h)anthracene Dibenzofuran ,2-Dichlorobenzene ,3-Dichlorobenzene ,4-Dichlorobenzene ,4-Dichlorobenzidine ,4-Dichlorophenol Diethylphthalate Dimethyl phthalate Dimethyl phthalate ,4-Dimitro-2-methylphenol ,6-Dinitro-2-methylphenol ,4-Dinitrotoluene ,6-Dinitrotoluene is(2-Ethylhexyl)phthalate	91-58-7	8270D	ND	5.2	ug/L	1
Chrysene Di-n-butyl phthalate Di-n-octylphthalate Dibenzo(a,h)anthracene Dibenzofuran ,2-Dichlorobenzene ,3-Dichlorobenzene ,4-Dichlorobenzene ,4-Dichlorobenzidine ,4-Dichlorophenol Diethylphthalate Dimethyl phthalate Dimethyl phthalate Dimethyl phthalate ,4-Dimitro-2-methylphenol ,4-Dinitrotoluene ,6-Dinitrotoluene is(2-Ethylhexyl)phthalate	95-57-8	8270D	ND	5.2	ug/L	1
Di-n-butyl phthalate Di-n-octylphthalate Dibenzo(a,h)anthracene Dibenzofuran ,2-Dichlorobenzene ,3-Dichlorobenzene ,4-Dichlorobenzidine ,4-Dichlorophenol Diethylphthalate Dimethyl phthalate Dimethyl phthalate ,4-Dimitro-2-methylphenol ,4-Dinitro-2-methylphenol ,4-Dinitrotoluene ,6-Dinitrotoluene is(2-Ethylhexyl)phthalate	7005-72-3	8270D	ND	5.2	ug/L	1
Di-n-octylphthalate Dibenzo(a,h)anthracene Dibenzofuran ,2-Dichlorobenzene ,3-Dichlorobenzene ,4-Dichlorobenzidine ,4-Dichlorophenol Diethylphthalate Dimethyl phthalate Dimethyl phthalate ,4-Dimitrophenol ,6-Dinitro-2-methylphenol ,4-Dinitrophenol ,4-Dinitrotoluene ,6-Dinitrotoluene is(2-Ethylhexyl)phthalate	218-01-9	8270D	ND	5.2	ug/L	1
Dibenzo(a,h)anthracene Dibenzofuran ,2-Dichlorobenzene ,3-Dichlorobenzene ,4-Dichlorobenzene ,4-Dichlorobenzidine ,4-Dichlorophenol Diethylphthalate Dimethyl phthalate Dimethyl phthalate ,4-Dimitro-2-methylphenol ,4-Dinitrophenol ,4-Dinitrotoluene ,6-Dinitrotoluene is(2-Ethylhexyl)phthalate	84-74-2	8270D	ND	5.2	ug/L	1
libenzofuran ,2-Dichlorobenzene ,3-Dichlorobenzene ,4-Dichlorobenzene ,3'-Dichlorobenzidine ,4-Dichlorophenol iethylphthalate imethyl phthalate ,4-Dimethylphenol ,6-Dinitro-2-methylphenol ,4-Dinitrophenol ,4-Dinitrotoluene ,6-Dinitrotoluene is(2-Ethylhexyl)phthalate	117-84-0	8270D	ND	5.2	ug/L	1
,2-Dichlorobenzene ,3-Dichlorobenzene ,4-Dichlorobenzene ,3'-Dichlorobenzidine ,4-Dichlorophenol iethylphthalate imethyl phthalate ,4-Dimethylphenol ,6-Dinitro-2-methylphenol ,4-Dinitrophenol ,4-Dinitrotoluene ,6-Dinitrotoluene is(2-Ethylhexyl)phthalate	53-70-3	8270D	ND	5.2	ug/L	1
,3-Dichlorobenzene ,4-Dichlorobenzene ,3'-Dichlorobenzidine ,4-Dichlorophenol biethylphthalate bimethyl phthalate ,4-Dimethylphenol ,6-Dinitro-2-methylphenol ,4-Dinitrotoluene ,6-Dinitrotoluene is(2-Ethylhexyl)phthalate	132-64-9	8270D	ND	5.2	ug/L	1
A-Dichlorobenzene ,3'-Dichlorobenzidine ,4-Dichlorophenol Diethylphthalate Dimethyl phthalate ,4-Dimethylphenol ,6-Dinitro-2-methylphenol ,4-Dinitrotoluene ,6-Dinitrotoluene is(2-Ethylhexyl)phthalate	95-50-1	8270D	ND	5.2	ug/L	1
,3'-Dichlorobenzidine ,4-Dichlorophenol Diethylphthalate Dimethyl phthalate ,4-Dimethylphenol ,6-Dinitro-2-methylphenol ,4-Dinitrophenol ,4-Dinitrotoluene ,6-Dinitrotoluene is(2-Ethylhexyl)phthalate	541-73-1	8270D	ND	5.2	ug/L	1
,4-Dichlorophenol biethylphthalate bimethyl phthalate ,4-Dimethylphenol ,6-Dinitro-2-methylphenol ,4-Dinitrophenol ,4-Dinitrotoluene ,6-Dinitrotoluene is(2-Ethylhexyl)phthalate	106-46-7	8270D	ND	5.2	ug/L	1
iethylphthalate imethyl phthalate ,4-Dimethylphenol ,6-Dinitro-2-methylphenol ,4-Dinitrophenol ,4-Dinitrotoluene ,6-Dinitrotoluene is(2-Ethylhexyl)phthalate	91-94-1	8270D	ND	26	ug/L	1
Dimethyl phthalate ,4-Dimethylphenol ,6-Dinitro-2-methylphenol ,4-Dinitrophenol ,4-Dinitrotoluene ,6-Dinitrotoluene is(2-Ethylhexyl)phthalate	120-83-2	8270D	ND	5.2	ug/L	1
,4-Dimethylphenol ,6-Dinitro-2-methylphenol ,4-Dinitrophenol ,4-Dinitrotoluene ,6-Dinitrotoluene is(2-Ethylhexyl)phthalate	84-66-2	8270D	ND	5.2	ug/L	1
,6-Dinitro-2-methylphenol ,4-Dinitrophenol ,4-Dinitrotoluene ,6-Dinitrotoluene is(2-Ethylhexyl)phthalate	131-11-3	8270D	ND	5.2	ug/L	1
,4-Dinitrophenol ,4-Dinitrotoluene ,6-Dinitrotoluene is(2-Ethylhexyl)phthalate	105-67-9	8270D	ND	5.2	ug/L	1
,4-Dinitrotoluene ,6-Dinitrotoluene is(2-Ethylhexyl)phthalate	534-52-1	8270D	ND	26	ug/L	1
,6-Dinitrotoluene is(2-Ethylhexyl)phthalate	51-28-5	8270D	ND	26	ug/L	1
is(2-Ethylhexyl)phthalate	121-14-2	8270D	ND	10	ug/L	1
	606-20-2	8270D	ND	10	ug/L	1
Juoranthene	117-81-7	8270D	ND	5.2	ug/L	1
labranaliche	206-44-0	8270D	ND	5.2	ug/L	1
luorene	86-73-7	8270D	ND	5.2	ug/L	1
exachlorobenzene	118-74-1	8270D	ND	5.2	ug/L	1
lexachlorobutadiene	87-68-3	8270D	ND	5.2	ug/L	1
lexachlorocyclopentadiene	77-47-4	8270D	ND	26	ug/L	1
fexachloroethane	67~72-1	8270D	ND	5.2	ug/L	1
ndeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND	5.2	ug/L	1

	B = Detected in the method blank	E - quantitation of composing exceeded the date	ration ratigo
ND = Not detected at or above the PQL	J = Estimated result < PQL and ≥ MDL	P = The RPD between two GC columns exceeds	40%
Where applicable, all soil sample analysis are reported on a dry	weight basis unless flagged with a "W"	N = Recovery is out of criteria	H = Out of holding time

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Semivolatile Organic Compounds by GC/MS

Client: S&ME, Inc.

Description: MW-3

Date Sampled:04/14/2011 1120

Date Received: 04/14/2011

Run

1

94

27

28-128

10-148

Prep Method Analytical Method Dilution Analysis Date 04/16/2011 2050 3520C 8270D 1

Analyst Prep Date 04/15/2011 1507 57520 JWS

Parameter	CAS Number	Analytical	Result	Q	PQL	Units	Run
Isophorone	78-59-1	Method 8270D	ND		5.2	ug/L	1
2-Methylnaphthalene	91-57-6	8270D	ND		5.2	ug/L	1
2-Methylphenol	95-48-7	8270D	ND		5.2	ug/L	1
3 & 4-Methylphenol	106-44-5	8270D	ND		10	ug/L	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		5.2	ug/L	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		5.2	ug/L	1
Naphthalene	91-20-3	8270D	ND		5.2	ug/L	1
2-Nitroaniline	88-74-4	8270D	ND		10	ug/L	1
3-Nitroaniline	99-09-2	8270D	ND		10	ug/L	1
4-Nitroaniline	100-01-6	8270D	ND		10	ug/L	1
Nitrobenzene	98-95-3	8270D	ND		5.2	ug/L	1
2-Nitrophenol	88-75-5	8270D	ND		10	ug/L	1
4-Nitrophenol	100-02-7	8270D	ND		26	ug/L	1
Pentachlorophenol	87-86-5	8270D	ND		26	ug/L	1
Phenanthrene	85-01-8	8270D	ND		5.2	ug/L	1
Phenol	108-95-2	8270D	ND		5.2	ug/L	1
Pyrene	129-00-0	8270D	ND		5.2	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8270D	ND		5.2	ug/L	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		5.2	ug/L	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		5.2	ug/L	1
Surrogate	Run 1 Accept Q % Recovery Limi						
2,4,6-Tribromophenol	98 41-1	44					
2-Fluorobiphenyl	100 37-1	29					
2-Fluorophenol	91 24-1	27					
Nitrobenzene-d5	87 38-1	27					

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range P = The RPD between two GC columns exceeds 40% ND = Not detected at or above the PQL J = Estimated result < PQL and > MDL Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" N = Recovery is out of criteria H = Out of holding time

Shealy Environmental Services, Inc.

Phenol-d5

Terphenyl-d14

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Laboratory ID: MD14023-003

Matrix: Aqueous

Batch

Client: S&ME, Inc.

Description: MW-3

Date Sampled:04/14/2011 1120

Laboratory ID: MD14023-003 Matrix: Aqueous

Date Received: 04/14/2011

Run 1	Prep Method 3520C	Analytical Method 8081B	Dilution 1	Analysis E 04/19/2011		alyst CM	Prep Da 04/15/201		Batch 57519		
Paran	neter			CAS Number	Analytic Metho		Result	Q	PQL	Units	Run
Aldrin				309-00-2	8081	В	ND		0.026	ug/L	1
	-BHC			319-84-6	8081	B -	ND		0.026	ug/L	1
peta-E				319-85-7	8081	В	ND		0.026	ug/L	1
	BHC			319-86-8	8081	В	ND		0.026	ug/L	1
	na-BHC (Lindane)			58-89-9	8081	В	ND		0.026	ug/L	1
-	-Chlordane		5	103-71-9	8081	В	ND		0.026	ug/L	1
	na-Chlordane		5	103-74-2	8081	В	ND		0.026	ug/L	1
9ann 4.4'-⊡				72-54-8	8081	В	ND		0.026	ug/L	1
4,4'-C				72-55-9	8081	В	ND		0.026	ug/L	1
4,4'-C				50-29-3	8081	В	ND		0.026	ug/L	1
Dieldi				60-57-1	808	В	ND		0.026	ug/L	1
	sulfan i			959-98-8	808	В	ND		0.026	ug/L	1
	sulfan II		33	213-65-9	808	IB	ND		0.026	ug/L	1
	sulfan sulfate			1031-07-8	808	IB	ND		0.026	ug/L	1
Endri	-			72-20-8	808	B	ND		0.026	ug/L	1
	n aldehyde		-	7421-93-4	808	IB	ND		0.026	ug/L	1
	n ketone		53	3494-70-5	808	IB	ND		0.026	ug/L	1
	achlor			76-44-8	808	IB	ND		0.026	ug/L	1
	achlor epoxide			1024-57-3	808	18	ND		0.026	ug/L	1
•	oxychlor			72-43-5	808	1B	ND		0.10	ug/L	1
	phene		i	3001-35-2	808	1B	ND		0.26	ug/L	1
Surro	ogate	Q	Run % Reco								
Deca	chlorobiphenyl	N	3.0) 20-1	31						
	chloro-m-xylene		57	26-1	32						

PQL = Practical quantitation limit	B = Detected in the method blank	E = Quantitation of compound exceeded t	he calibration range
ND = Not detected at or above the PQL	J = Estimated result < PQL and ≥ MDL	P = The RPD between two GC columns et	xceeds 40%
Where applicable, all soil sample analysis are reported on a dr	/ weight basis unless flagged with a "W"	N = Recovery is out of criteria	H = Out of holding time

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ICP-AES

Client: S&ME, Inc.

Description: MW-3

Date Sampled:04/14/2011 1120

Date R	eceived: 04/14/2011						
Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	04/19/2011 1927	CDF	04/18/2011 2147	57708
2	3005A	6010C	1	04/20/2011 1640	CDF	04/18/2011 2147	57708

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Dissolved Aluminum	7429-90-5	6010C	ND		0.20	mg/L	1
Dissolved Antimony	7440-36-0	6010C	ND		0.010	mg/L	1
Dissolved Arsenic	7440-38-2	6010C	ND		0.010	mg/L	1
Dissolved Barium	7440-39-3	6010C	ND		0.025	mg/L	1
Dissolved Beryllium	7440-41-7	6010C	ND		0.0040	mg/L	1
Dissolved Cadmium	7440-43-9	6010C	0.0023		0.0020	mg/L	1
Dissolved Calcium	7440-70-2	6010C	ND		5.0	mg/L	1
Dissolved Chromium	7440-47-3	6010C	ND		0.0050	mg/L	1
Dissolved Cobalt	7440-48-4	6010C	ND		0.025	mg/L	1
Dissolved Copper	7440-50-8	6010C	ND		0.0050	mg/L	1
Dissolved Iron	7439-89-6	6010C	1.2		0.10	mg/L	1
Dissolved Lead	7439-92-1	6010C	ND		0.010	mg/L	1
Dissolved Magnesium	7439-95-4	6010C	ND		5.0	mg/L	1
Dissolved Manganese	7439-96-5	6010C	0.031		0.015	mg/L	1
Dissolved Nickel	7440-02-0	6010C	ND		0.040	mg/L	1
Dissolved Potassium	7440-09-7	6010C	`ND		5.0	mg/L	1
Dissolved Selenium	7782-49-2	6010C	ND		0.010	mg/L	2
Dissolved Silver	7440-22-4	6010C	ND		0.0050	mg/L	1
Dissolved Sodium	7440-23-5	6010C	ND		5.0	mg/L	1
Dissolved Thallium	7440-28-0	6010C	ND		0.050	mg/L	1
Dissolved Vanadium	7440-62-2	6010C	ND		0.050	mg/L	1
Dissolved Zinc	7440-66-6	6010C	ND		0.020	mg/L	1

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range J = Estimated result < PQL and \geq MDL P = The RPD between two GC columns exceeds 40% ND = Not detected at or above the PQL Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" N = Recovery is out of criteria H = Out of holding time

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				•	1					
	Client: S&ME, Inc				Laboratory ID: MD14023-003					
Des	cription: MW-3							Matrix: Aqu	eous	
Date S	ampled:04/14/2011	1120								
Date Re	eceived: 04/14/2011									
Run 1	Prep Method	Analytical Method 7470A	Dilution 1	Analysis 04/26/2011	Analyst KJC	Prep Da 04/25/201		Batch 58215		
Param	leter			CAS Number	lytical ethod	Result	Q	PQL	Units	Run
Dissol	ved Mercury		7	439-97-6	7470A	ND		0.00010	mg/L	1

 PQL = Practical quantitation limit
 B = Detected in the method blank
 E = Quantitation of compound exceeded the calibration range

 ND = Not detected at or above the PQL
 J = Estimated result < PQL and ≥ MDL</td>
 P = The RPD between two GC columns exceeds 40%

 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
 N = Recovery is out of criteria
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CVAA

TAL Metals

Client: S&ME, Inc.

Description: MW-3

Date Sampled:04/14/2011 1120

Date Received: 04/14/2011

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/26/2011 1134	KJĊ	04/25/2011 1824	58215
1	3005A	6010C	1	04/15/2011 2000	CDF	04/14/2011 2047	57485

Parameter	CAS	Analytical	Result	Q PQL	Units	Run
rdialitetei	Number	Method	Result			Kun
Aluminum	7429-90-5	6010C	44	0.20	mg/L	1
Antimony	7440-36-0	6010C	ND	0.010	mg/L	1
Arsenic	7440-38-2	6010C	0.027	0.010	mg/L	1
Barium	7440-39-3	6010C	0.087	0.025	mg/L	1
Beryllium	7440-41-7	6010C	ND	0.0040	mg/L	1
Cadmium	7440-43-9	6010C	ND	0.0020	mg/L	1
Calcium	7440-70-2	6010C	ND	5.0	mg/L	1
Chromium	7440-47-3	6010C	0.17	0.0050	mg/L	1
Cobalt	7440-48-4	6010C	ND	0.025	mg/L	1
Copper	7440-50-8	6010C	0.077	0.0050	mg/L	1
Iron	7439-89-6	6010C	59	0.10	mg/L	1
Lead	7439-92-1	6010C	0.025	0.010	mg/L	1
Magnesium	7439-95-4	6010C	ND	5.0	mg/L	1
Manganese	7439-96-5	6010C	0.10	0.015	mg/L	1
Mercury	7439-97-6	7470A	0.0017	0.00010	mg/L	1
Nickel	7440-02-0	6010C	0.049	0.040	mg/L	1
Potassium	7440-09-7	6010C	ND	5.0	mg/L	1
Selenium	7782-49-2	6010C	ND	0.010	mg/L	1
Silver	7440-22-4	6010C	ND	0.0050	mg/L	1
Sodium	7440-23-5	6010C	ND	5.0	mg/L	1
Thallium	7440-28-0	6010C	ND	0.050	mg/L	1
√anadium	7440-62-2	6010C	0.21	0.050	•	1
Zinc	7440-66-6	6010C	0.055	0.020	mg/L	1

 PQL = Practical quantitation limit
 B = Detected in the method blank
 E = Quantitation of compound exceeded the calibration range

 ND = Not detected at or above the PQL
 J = Estimated result < PQL and ≥ MDL</td>
 P = The RPD between two GC columns exceeds 40%

 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
 N = Recovery is out of criteria
 H = Out of holding time

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Laboratory ID: MD14023-003 Matrix: Aqueous

Volatile Organic Compounds by GC/MS

Laboratory ID: MD14023-004

Matrix: Aqueous

Client: S&ME, Inc.

Description: MW-4

Date Sampled:04/14/2011 1215

Date Received: 04/14/2011

Prep Method **Analytical Method** Dilution Analysis Date Analyst Prep Date Batch Run ВΜ 1 5030B 8260B 1 04/18/2011 1345 57685 CAS Analytical Q PQL Parameter Result Units Run Number Method Acetone 67-64-1 8260B ND 20 ug/L 1 71-43-2 8260B ND 5.0 ug/L Benzene 1 75-27-4 ND Bromodichloromethane 8260B 5.0 ug/L 1 ND Bromoform 75-25-2 8260B 5.0 ug/L 1 5.0 74-83-9 ND Bromomethane (Methyl bromide) 8260B ug/L 1 2-Butanone (MEK) 78-93-3 8260B ND 10 ug/L 1 Carbon disulfide 75-15-0 8260B ND 5.0 ug/L 1 Carbon tetrachloride 56-23-5 8260B ND 5.0 ug/L 1 ND Chlorobenzene 108-90-7 8260B 5.0 ug/L 1 Chloroethane 75-00-3 8260B ND 5.0 ug/L 1 Chloroform 67-66-3 8260B ND 5.0 ug/L 1 Chloromethane (Methyl chloride) 74-87-3 8260B ND 5.0 ug/L 1 1,2-Dibromo-3-chloropropane (DBCP) 96-12-8 8260B ND 5.0 ug/L 1 Dibromochloromethane 124-48-1 8260B ND 5.0ug/L 1 ND 1,2-Dibromoethane (EDB) 106-93-4 8260B 5.0 ug/L 1 1,2-Dichlorobenzene 95-50-1 8260B ND 5.0 ug/L 1 1.3-Dichlorobenzene 541-73-1 8260B ND 5.0ug/L 1 1,4-Dichlorobenzene 106-46-7 8260B ND 5.0 ug/L 1 1,1-Dichloroethane 75-34-3 8260B ND 5.0 1 ug/L 1.2-Dichloroethane 107-06-2 8260B ND 5.0 ug/L 1 8260B ND 5.0 1,1-Dichloroethene 75-35-4 ug/L 1 cis-1,2-Dichloroethene 8260B ND 5.0ug/L 156-59-2 1 ND trans-1,2-Dichloroethene 156-60-5 8260B 5.0 ug/L 1 ND 1,2-Dichloropropane 78-87-5 8260B 5.0ug/L 1 cis-1,3-Dichloropropene 10061-01-5 8260B ND 5.0ug/L 1 trans-1,3-Dichloropropene 10061-02-6 8260B ND 5.0 ug/L 1 Ethylbenzene ND 100-41-4 8260B 5.01 ug/L 2-Hexanone 591-78-6 8260B ND 10 ug/L 1

					~	
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND	5.0	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND	5.0	ug/L	1
Toluene	108-88-3	8260B	ND	5.0	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND	5.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND	5.0	ug/L	1
Trichloroethene	79-01-6	8260B	ND	5.0	ug/L	1
Vinyl chloride	75-01-4	8260B	NÐ	2.0	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND	5.0	ug/L	1

8260B

8260B

8260B

8260B

8260B

1634-04-4

108-10-1

75-09-2

91-20-3

100-42-5

ND

ND

ND

ND

ND

5.0

10

5.0

5.0

5.0

ug/L

ug/L

ug/L

ug/L

ug/L

1

1

1

1

1

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range ND = Not detected at or above the PQL J = Estimated result < PQL and > MDL P = The RPD between two GC columns exceeds 40% Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" N = Recovery is out of criteria H = Out of holding time

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Methyl tertiary butyl ether (MTBE)

4-Methyl-2-pentanone

Methylene chloride

Naphthalene

Styrene

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Volatile Organic Compounds by GC/MS

Client: S&ME, Inc. Description: MW-4 Date Sampled:04/14/2011 1215 Date Received: 04/14/2011

Laboratory ID: MD14023-004 Matrix: Aqueous

SurrogateQ% RecoveryCceptance
LimitsBromofluorobenzene10070-1301,2-Dichloroethane-d410370-130Toluene-d811570-130

 PQL = Practical quantitation limit
 B = Detected in the method blank
 E = Quantitation of compound exceeded the calibration range

 ND = Not detected at or above the PQL
 J = Estimated result < PQL and > MDL
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Semivolatile Organic Compounds by GC/MS

Client: S&ME, Inc.

Description: MW-4

Date Sampled:04/14/2011 1215

Laboratory ID: MD14023-004 Matrix: Aqueous

Batch

Date Received: 04/14/2011

Run Prep Method

1

Analytical Method 3520C

8270D

04/16/2011 2109

Dilution Analysis Date

1

Analyst Prep Date JWS

04/15/2011 1507 57520

Acenaphthene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene	Number 83-32-9 208-96-8 120-12-7	Method 8270D 8270D	ND	5.2	ug/L	
Acenaphthylene Anthracene Benzo(a)anthracene	208-96-8					1
Anthracene Benzo(a)anthracene			ND	5.2	ug/L	1
Benzo(a)anthracene	+ ,	8270D	ND	5.2	ug/L	1
	56-55-3	8270D	ND	5.2	ug/L	1
zenine (a)pji enie	50-32-8	8270D	ND	5.2	ug/L	1
Benzo(b)fluoranthene	205-99-2	8270D	ND	5.2	ug/L	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND	5.2	ug/L	1
Benzo(k)fluoranthene	207-08-9	8270D	ND	5.2	ug/L	, 1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND	5.2	ug/L	1
Butyl benzyl phthalate	85-68-7	8270D	ND	10	ug/L	1
Carbazole	86-74-8	8270D	ND	5.2	ug/L	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND	5.2	ug/L	1
4-Chloroaniline	106-47-8	8270D	ND	5.2	ug/L	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND	5.2	ug/L	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND	5.2	ug/L	. 1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND	5.2	ug/L	1
2-Chloronaphthalene	91-58-7	8270D	ND	5.2	ug/L	1
2-Chlorophenol	95-57-8	8270D	ND	5.2	ug/L	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND	5.2	ug/L	1
Chrysene	218-01-9	8270D	ND	5.2	ug/L	1
Di-n-butyl phthalate	84-74-2	8270D	ND	5.2	ug/L	1
Di-n-octylphthalate	117-84-0	8270D	ND	5.2	ug/L	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND	5.2	ug/L	1
Dibenzofuran	132-64-9	8270D	ND	5.2	ug/L	1
1,2-Dichlorobenzene	95-50-1	8270D	ND	5.2	ug/L	1
1,3-Dichlorobenzene	541-73-1	8270D	ND	5.2	ug/L	1
1,4-Dichlorobenzene	106-46-7	8270D	ND	5.2	ug/L	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND	26	ug/L	1
2,4-Dichlorophenol	120-83-2	8270D	ND	5.2	ug/L	1
Diethylphthalate	84-66-2	8270D	ND	5.2	ug/L	1
Dimethyl phthalate	131-11-3	8270D	ND	5.2	ug/L	1
2,4-Dimethylphenol	105-67-9	8270D	ND	5.2	ug/L	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND	26	ug/L	1
2,4-Dinitrophenol	51-28-5	8270D	ND	26	ug/L	1
2,4-Dinitrotoluene	121-14-2	8270D	ND	10	ug/L	1
2,6-Dinitrotoluene	606-20-2	8270D	ND	10	ug/L	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND	5.2	ug/L	י 1
Fluoranthene	206-44-0	8270D	ND	5.2	ug/L	1
Fluorene	86-73-7	8270D	ND	5.2	ug/∟ ug/L	1
fexachlorobenzene	118-74-1	8270D	ND	5.2	ug/L	1
lexachlorobutadiene	87-68-3	8270D	ND	5.2	ug/L	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND	26	ug/L	1
lexachioroethane	67-72-1	8270D	ND	5.2	ug/L	1
ndeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND	5.2 5.2	ug/L	1

ND = Not detected at or above the PQL J = Estimated result < PQL and \geq MDL P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" N = Recovery is out of criteria

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H = Out of holding time

Semivolatile Organic Compounds by GC/MS

Client: S&ME, Inc.

Description: MW-4

Date Sampled:04/14/2011 1215

Laboratory ID: MD14023-004

Batch

Matrix: Aqueous

Date Received: 04/14/2011

Run Prep Method Analytical Method Dilution Analysis Date Analyst 04/16/2011 2109 3520C 8270D 1 1

Prep Date JWS 04/15/2011 1507 57520

D		CAS	Analytical	B	~	DOL	1114	ъ.
Parameter		ımber	Method	Result	Q	PQL	Units	Run
Isophorone	78	8-59-1	8270D	ND		5.2	ug/L	1
2-Methylnaphthalene	9	1-57-6	8270D	ND		5.2	ug/L	1
2-Methylphenol	9	5-48-7	8270D	ND		5.2	ug/L	1
3 & 4-Methylphenol	100	5-44-5	8270D	ND		10	ug/L	1
N-Nitrosodi-n-propylamine	621	1-64-7	8270D	ND		5.2	ug/L	1
N-Nitrosodiphenylamine (Diphenylamine)	86	5-30-6	8270D	ND		5.2	ug/L	1
Naphthalene	91	1-20-3	8270D	ND		5.2	ug/L	1
2-Nitroaniline	88	8-74-4	8270D	ND		10	ug/L	1
3-Nitroaniline	99	9-09-2	8270D	ND		10	ug/L	1
4-Nitroaniline	100)-01- 6	8270D	ND		10	ug/L	1
Nitrobenzene	98	8-95-3	8270D	ND		5.2	ug/L	1
2-Nitrophenol	88	8-75-5	8270D	ND		10	ug/L	1
4-Nitrophenol	100)-02-7	8270D	ND		26	ug/L	1
Pentachiorophenol	83	7-86-5	8270D	ND		26	ug/L	1
Phenanthrene	8	5-01-8	8270D	ND		5.2	ug/L	1
Phenol	108	3-95-2	8270D	ND		5.2	ug/L	1
Pyrene	129	9-00-0	8270D	ND		5.2	ug/L	1
1,2,4-Trichlorobenzene	120)-82-1	8270D	ND		5.2	ug/L	1
2,4,5-Trichlorophenol	9:	5-95-4	8270D	ND		5.2	ug/L	1
2,4,6-Trichlorophenol	88	3-06-2	8270D	ND		5.2	ug/L	1
Surrogate	Run 1 Q % Recover	Accepta v Limits						
2,4,6-Tribromophenol	78	41-14						
2-Fluorobiphenyl	83	37-12						
2-Fluorophenol	87	24-12	-					
Nitrobenzene-d5	83	38-12						
Phenol-d5	89	28-12						
Terphenyl-d14	10	10-14						

E = Quantitation of compound exceeded the calibration range PQL = Practical quantitation limit B = Detected in the method blank P = The RPD between two GC columns exceeds 40% J = Estimated result < PQL and > MDL ND = Not detected at or above the PQL Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" N = Recovery is out of criteria H = Out of holding time

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Organochlorine Pesticides by GC

Client: S&ME, Inc.

Description: MW-4

Laboratory ID: MD14023-004

Matrix: Aqueous

Date S	Sampled:04/14/2011	1215										
Date R	eceived: 04/14/2011											
Run 1	Prep Method 3520C	Analytical Metho 8081		Dilution 1	Analysis 04/19/201		Analyst NCM	Prep Da 04/15/201		Batch 57519		·
Paran	neter				CAS Number	Analytical Method		Result	Q	PQL	Units	Run
Aldrin					309-00-2	-00-2		ND		0.026	ug/L	1
alpha-	BHC			3	319-84-6		8081B	ND		0.026	ug/L	1
beta-E	BHC			3	319-85-7		8081B	ND		0.026	ug/L	1
delta-E	внс			3	319-86-8		8081B	ND		0.026	ug/L	1
gamm	a-BHC (Lindane)				58-89-9		8081B	ND		0.026	ug/L	1
alpha-	Chlordane			51	03-71-9		8081B	ND		0.026	ug/L	1
gamm	a-Chlordane			51	03-74-2		8081B	ND		0.026	ug/L	1
4,4'-D	DD				72-54-8		8081B	ND		0.026	ug/L	1
4,4'-Di	DE				72-55-9		8081B	ND		0.026	ug/L	1
4,4'-DI	DT				50-29-3		8081B	ND		0.026	ug/L	1
Dieldri	in				60-57-1		8081B	ND		0.026	ug/L	1
Endos	ulfan I			ç	59-98-8		8081B	ND		0.026	ug/L	1
Endos	ulfan II			332	13-65-9		8081B	ND		0.026	ug/L	1
Endos	ulfan sulfate			10)31-07-8		8081B	ND		0.026	ug/L	1
Endrin)				72-20-8		8081B	ND		0.026	ug/L	1
Endrin	aldehyde			74	121-93-4		8081B	ND		0.026	ug/L	1
Endrin	a ketone			534	94-70-5		8081B	ND		0.026	ug/L	1
Hepta	chlor				76-44-8		8081B	ND		0.026	ug/L	1
Hepta	chlor epoxide			10	24-57-3		8081B	ND		0.026	ug/L	1
Metho	xychlor				72-43-5		8081B	ND		0.10	ug/L	1
Тохар	hene			80	01-35-2		8081B	ND		0.26	ug/L	1
Surro	gate		Q	Run 1 % Recov		ance its						
Decac	hlorobiphenyl		N	3.2	20-1	31						

37 Tetrachloro-m-xylene 26-132

B = Detected in the method blank E = Quantitation of compound exceeded the calibration range PQL = Practical quantitation limit J = Estimated result < PQL and \geq MDL P = The RPD between two GC columns exceeds 40% ND = Not detected at or above the PQL Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" N = Recovery is out of criteria H = Out of holding time

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ICP-AES

Client: S&ME, Inc.

Description: MW-4

Date Sampled:04/14/2011 1215

Laboratory ID: MD14023-004 Matrix: Aqueous

Date Received: 04/14/2011

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6010C	1	04/19/2011 1933	CDF	04/18/2011 2147	57708
2	3005A	6010C	1	04/20/2011 1646	CDF	04/18/2011 2147	57708

Parameter	CAS Number	Analytical Method	Result	Q PQL	Units	Run
Dissolved Aluminum	7429-90-5	6010C	ND	0.20	mg/L	1
Dissolved Antimony	7440-36-0	6010C	ND	0.20	mg/L	י א
Dissolved Arsenic	7440-38-2	6010C	ND	0.010	•	1
Dissolved Arsenic Dissolved Barium	7440-38-2	6010C	ND	0.025	mg/L	4
					mg/L	1
Dissolved Beryllium	7440-41-7	6010C	ND	0.0040	mg/L	1
Dissolved Cadmium	7440-43-9	6010C	ND	0.0020	mg/L	1
Dissolved Calcium	7440-70-2	6010C	ND	5.0	mg/L	1
Dissolved Chromium	7440-47-3	6010C	ND	0.0050	mg/L	1
Dissolved Cobalt	7440-48-4	6010C	ND	0.025	mg/L	1
Dissolved Copper	7440-50-8	6010C	ND	0.0050	mg/L	1
Dissolved Iron	7439-89-6	6010C	0.32	0.10	mg/L	1
Dissolved Lead	7439-92-1	6010C	ND	0.010	mg/L	1
Dissolved Magnesium	7439-95-4	6010C	ND	5.0	mg/L	1
Dissolved Manganese	7439-96-5	6010C	0.062	0.015	mg/L	1
Dissolved Nickel	7440-02-0	6010C	ND	0.040	mg/L	1
Dissolved Potassium	7440-09-7	6010C	ND	5.0	mg/L	1
Dissolved Selenium	7782-49-2	6010C	ND	0.010	mg/L	2
Dissolved Silver	7440-22-4	6010C	ND	0.0050	mg/L	1
Dissolved Sodium	7440-23-5	6010C	ND	5.0	mg/L	1
Dissolved Thallium	7440-28-0	6010C	ND	0.050	mg/L	1
Dissolved Vanadium	7440-62-2	6010C	ND	0.050	mg/L	1
Dissolved Zinc	7440-66-6	6010C	ND	0.020	mg/L	1

 PQL = Practical quantitation limit
 B = Detected in the method blank
 E = Quantitation of compound exceeded the calibration range

 ND = Not detected at or above the PQL
 J = Estimated result < PQL and ≥ MDL</td>
 P = The RPD between two GC columns exceeds 40%

 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
 N = Recovery is out of criteria
 H = Out of holding time

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	Client: S&ME, Inc	•					La	boratory ID: MD1	4023-004	
Des	cription: MW-4							Matrix: Aqu	eous	
Date S	ampled:04/14/2011	1215								
Date Re	eceived: 04/14/2011									
Run 1	Prep Method	Analytical Method 7470A	Dilution 1	Analysis I 04/26/2011		•		Batch 58215		
Param	eter			CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Dissol	ved Mercury			7439-97-6		ND		0.00010	mg/L.	1

B = Detected in the method blank PQL = Practical quantitation limit E = Quantitation of compound exceeded the calibration range ND = Not detected at or above the PQL $J = Estimated result < PQL and \geq MDL$ P = The RPD between two GC columns exceeds 40% Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" N = Recovery is out of criteria H = Out of holding time

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Page: 29 of 30 Level 1 Report v2.1

CVAA

TAL Metals

Client: S&ME, Inc.

Description: MW-4

Date Sampled:04/14/2011 1215

Date Received: 04/14/2011

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/26/2011 1138	KJC	04/25/2011 1824	58215
1	3005A	6010C	1	04/15/2011 2004	CDF	04/14/2011 2047	57485

Parameter	CAS Number	Analytical Method	Result	Q PQL	Units	Run
Aluminum	7429-90-5	601DC	390	0.20	mg/L	1
Antimony	7440-36-0	6010C	ND	0.010	mg/L	1
Arsenic	7440-38-2	6010C	0.041	0.010	-	1
Barium	7440-38-2	6010C	0.43	0.025	mg/L mg/L	1
Beryllium	7440-39-3	6010C	0.0042	0.025	mg/∟ mg/L	1
Cadmium	7440-43-9	6010C	ND	0.0020	mg/L	1
Calcium	7440-70-2	6010C	ND	5.0	mg/L	1
Chromium	7440-47-3	6010C	0.39	0.0050	mg/L	1
Cobalt	7440-48-4	6010C	ND	0.025	mg/L	1
Соррег	7440-50-8	6010C	0.20	0.0050	mg/L	1
Iron	7439-89-6	6010C	140	0.10	mg/L	1
Lead	7439-92-1	6010C	0.19	0.010	mg/L	1
Magnesium	7439-95-4	6010C	8.3	5.0	mg/L	1
Manganese	7439-96-5	6010C	0.33	0.015	mg/L	1
Mercury	7439-97-6	7470A	0.0017	0.00010	mg/L	1
Nickel	7440-02-0	6010C	0.11	0.040	mg/L	1
Potassium	7440-09-7	6010C	6.0	5.0	mg/L	1
Selenium	7782-49-2	6010C	ND	0.010	mg/L	1
Silver	7440-22-4	6010C	ND	0.0050	mg/L	1
Sodium	7440-23-5	6010C	ND	5.0	mg/L	1
Thallium	7440-28-0	6010C	ND	0.050	mg/L	1
Vanadium	7440-62-2	6010C	0.86	0.050	mg/L	1
Zinc	7440-66-6	6010C	0.20	0.020	mg/L	1

 PQL = Practical quantitation limit
 B = Detected in the method blank
 E = Quantitation of compound exceeded the calibration range

 ND = Not detected at or above the PQL
 J = Estimated result < PQL and ≥ MDL</td>
 P = The RPD between two GC columns exceeds 40%

 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
 N = Recovery is out of criteria
 H = Out of holding time

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Sheafy Environ Document Nur Revision Nurn	nber F-AD-I		Page 1 of 3 Replaces Date: 0512607 Effective Date: 02/23/11
	ſ		Sample Receipt Checklist (SRC)
Client:	<u>, </u>	me	Cooler Inspected by/date: Gue Y/14/11 Lot #: MD 144 23
Means of		🔲 SESI	Client UPS FedEx Airborne Exp Other
Yes Q	No		L. Were castody seals present on the cooler?
Ves 🔲	No 🗍	L	2. If custody seals were present, were they intact and unbroken?
Cooler II)/tempera	ture upon r	$\operatorname{eccipt} \frac{5 \cdot 10}{5 \cdot 10} \circ \operatorname{C} \frac{1 \circ \operatorname{C}}{1 \cdot 10} \circ \operatorname{C} \frac{1 \circ \operatorname{C}}$
Method: Method o		nperature f	
Ifrespon	se is No fe	or Yes for I	4, 15, 16), an explanation/resolution must be provided.
Ves 🗍	No	NAD	 If temperature of any cooler exceeded 6.0°C, was Project Manager notified? PM notified by SRC, phone, note (circle one), other: (For coolers received via commercial courier. PMs are to be notified immediately.
Yes 🗍	No	NADZ	4. Is the commercial courier's packing slip attached to this form?
Yes D	No		5. Were proper custody procedures (relinquished/received) followed?
Yes D	No		6. Were sample IDs listed?
Yes Z			7. Was collection date & time listed?
Yes 🛛	No 🗍		8. Were tests to be performed listed on the COC?
Yes I	No 🗌		9. Did all samples arrive in the proper containers for each test?
Yes Z	No 🗌		10. Did all container label information (ID, date, time) agree with COC?
Yes 🖵	No		11. Did all containers arrive in good condition (unbroken, lids on, etc.)?
Yes Z	NO	ç çan Merneinelini Anakaleri esilçesi	12. Was adequate sample volume available?
Yes 🖂	No		13. Were all samples received within ½ the holding time or 48 hours, whichever
\$		1	esmes first?
Yes Yes T	Nor		14. Were any samples containers missing?
	NoD		15. Were there any excess samples not listed on COC? 16. Were bubbles present >"pea-size" (%"ar 6mm in diameter) in any VOA
Notes and a second seco			
Yes E			17. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
Yes L	No	NAC	18. Were all cyanide and/or sulfide samples received at a pH>12? 19. Were all applicable NH3/TKN/cyanide/phenol/BNA/pest/PCB/terb
Yes 🗋	No 🗌 -	NAM	(<0.2mg/L)samples free of residual chlorine?
Yes 🗍	No	NAR	20. Were collection transperatures documented on the COC for NC samples?
Sample F	reservar	ion (Mus	t be completed for any sample(s) incorrectly preserved or with headspace.)
Sample(s			were received incorrectly preserved and were adjusted
		ple receivii	bg with $(H_3SO_4, HNO_3, HCLNaOH)$ with the SR # (number)
Sample(s)		were received with bubbles >6 mm in diameter.
Sample(s)		were received with TRC >0.2 mg/L for NH3/
TKNácya	nide/BNA	/pest/PCB	
Correction Was client			
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<u>Comments</u>	· · · · · · · · · · · · · · · · · · ·		

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Level 1 Report v2.1

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Report of Analysis

S&ME, Inc.

134 Suber Road Columbia, SC 29210 Attention: Thomas Behnke

Project Name: Condor Site

Project Number:1614-11-149

Lot Number: MD15030 Date Completed:04/26/2011

· Ka

Nisreen Saikaly Project Manager



This report shall not be reproduced, except in its entirety, without the written approval of Shealy Environmental Services, Inc.

The following non-paginated documents are considered part of this report: Chain of Custody Record and Sample Receipt Checklist.

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Page: 1 of 5 Level 1 Report v2.1

SC DHEC No: 32010

NELAC No: E87653

NC DEHNR No: 329

Case Narrative S&ME, Inc. Lot Number: MD15030

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

All results listed in this report relate only to the samples that are contained within this report.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved NELAC standards, the Shealy Environmental Services, Inc. ("Shealy") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Shealy policies. Any exceptions to the NELAC standards, the QAMP, SOPs or policies are qualified on the results page or discussed below.

Shealy is not NELAC certified for Phosphorus by 365.1 but is certified in SC and NC.

Shealy is not NELAC certified for VPH, but is certified for VPH in NC.

If you have any questions regarding this report please contact the Shealy Project Manager listed on the cover page.

Sample Summary S&ME, Inc. Lot Number: MD15030

Sample Number	Sample iD	Matrix	Date Sampled	Date Received
001	MW-1	Aqueous	04/14/2011 0950	04/15/2011
(1 sample)		·		

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Executive Summary S&ME, Inc.

Lot Number: MD15030

Sample	e Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	MW-1	Aqueous	Aluminum	6010C	24		mg/L	5
001	MW-1	Aqueous	Barium	6010C	0.10		mg/L	5
001	MW-1	Aqueous	Cadmium	6010C	0.030		mg/L	5
001	MVV-1	Aqueous	Calcium	6010C	6.0		mg/L	5
001	MW-1	Aqueous	Chromium	6010C	0.41		mg/L	5
001	MW-1	Aqueous	Copper	6010C	0.16		mg/L	5
001	MW-1	Aqueous	Iron	6010C	52		mg/L	5
001	MW-1	Aqueous	Lead	6010C	0.042		mg/L	5
001	MW-1	Aqueous	Manganese	6010C	0.29		mg/L	5
001	MW-1	Aqueous	Mercury	7470A	0.00052		mg/L	5
001	MW-1	Aqueous	Nickel	6010C	0.12		mg/L	5
001	MW-1	Aqueous	Vanadium	6010C	0.18		mg/L	6
001	MW-1	Aqueous	Zinc	6010C	0.32		mg/L	6

(13 detections)

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Page: 4 of 5 Level 1 Report v2.1

TAL Metals

Client: S&ME, Inc.

Description: MW-1

Date Sampled:04/14/2011 0950

Laboratory ID: MD15030-001 Matrix: Aqueous

Date Received: 04/15/2011

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/26/2011 1141	KJC	04/25/2011 1824	58215
1	3005A	6010C	1	04/19/2011 1939	CDF	04/18/2011 2147	57708
2	3005A	6010C	1	04/20/2011 1652	CDF	04/18/2011 2147	57708

Parameter	CAS Number	Analytical Method	Result	Q PQL	Units	Run
Aluminum	7429-90-5	6010C	24	0.20	mg/L	1
Antimony	7440-36-0	6010C	ND	0.010	mg/L	1
Arsenic	7440-38-2	6010C	ND	0.010	mg/L	1
Barium	7440-30-2	6010C	0.10	0.025	mg/L	1
Beryllium	7440-41-7	6010C	ND	0.0040	mg/L	1
Cadmium	7440-43-9	6010C	0.030	0.0020	mg/L	1
Calcium	7440-70-2	6010C	6.0	5.0	mg/L	1
Chromium	7440-47-3	6010C	0.41	0.0050	mg/L	1
Cobalt	7440-48-4	6010C	ND	0.025	mg/L	1
Copper	7440-50-8	6010C	0.16	0.0050	mg/L	1
iron	7439-89-6	6010C	52	0.10	mg/L	1
Lead	7439-92-1	6010C	0.042	0.010	mg/L	1
Magnesium	7439-95-4	6010C	ND	5.0	mg/L	1
Manganese	7439-96-5	6010C	0.29	0.015	mg/L	1
Viercury	7439-97-6	7470A	0.00052	0.00010	mg/L	1
Nickel	7440-02-0	6010C	0.12	0.040	mg/L	1
Potassium	7440-09-7	6010C	ND	5.0	mg/L	1
Selenium	7782-49-2	6010C	ND	0.010	mg/L	2
Silver	7440-22-4	6010C	ND	0.0050	mg/L	1
Sodium	7440-23-5	6010C	ND	5.0	mg/L	1
Thallium	7440-28-0	6010C	ND	0.050	mg/L	1
Vanadium	7440-62-2	6010C	0.18	0.050	mg/L	1
Zinc	7440-66-6	6010C	0.32	0.020	mg/L	1

 PQL = Practical quantitation limit
 B = Detected in the method blank
 E = Quantitation of compound exceeded the calibration range

 ND = Not detected at or above the PQL
 J = Estimated result < PQL and ≥ MDL</td>
 P = The RPD between two GC columns exceeds 40%

 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
 N = Recovery is out of criteria
 H = Out of holding time

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Page: 5 of 5 Level 1 Report v2.1

SHEALS Chain of Custody	Record	Talop	Sheaiy West hone No.	105 Colu (803)	Vantaga nbla, Sor	Point C uth Carr N Fox	trive ≻ina 29 : No, (80	172	} ***?	Nu	nber	00810
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Project Hestro La SHE	2, NaC-426	4 S. HCu, S. Na Dala	in order to be an excit	ž.	U.		6) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1					Preservative Lot No.
Project Number 11-149 P.O.N.	nder	a Vati	ÎX .									אר פיי טרא
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mw-1 4/14	14 9:50	GX	1997		<u> </u>							Turbid
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3. Rolinguished by	militi em 201 ci és (setimonor au és as	Dalo	Tinte		3. Recipio	ed by		194495 2012 1266 Arr, gang 1, 19	t i na sa san an an an an an an	Oate	an ann an thar na rainn dhanann	Tinw
4. Relinquished by J Cytake	10 Marine Formation Exercise Sectors 100	PH 15/11	Faixe 16:20	3	4. Lansar		sver V	transministra Serre	ana 2007 a 2	Dayy 7	kh	THE PLANE AND A STATE OF A STATE
Note: All samples are roto unless other an			receipt		LAH (ASE Generation		اللغ نوبي الم	ริณหวา	Re Pack	12		*C Temp Mank OY (# M

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Shealy Environmental Services, Inc. Document Number: F-AD-016 Revision Number: 7		Page 1 of 1 Replaces Date 05/29/37 Effective Date: 02/13/11
11× -	Sample Receipt Checklist (SRC)	
Client: <u>IN Mark</u>	Cooler Inspected by/date: [Mac- 1 4/1-/1/2 Lot #:	MA100 2
Means of receipt: 27 SESI	Client UPS FedEx Airborn: Exp] Other
<u>Yes</u> No Z	1. Were custody seals present on the cooler?	
Yes 🗌 No.📶	2. If custody seals were present, were they intact and unbroken?	
Cooler ID/temperature repont	eceint / · D · °C / · °C / °C / °C	
· · ·	<u>* * * * * * * * * * * * * * * * * * * </u>	ф. Ф
Method: 🔲 Temperature	Blank Against Bottles	
Method of coolant: E W	et lee 🔲 Blue lee 📋 Dry lee 🗌 None	
If response is No (or Yes for	14, 15, 16), an explanation/resolution must be provided.	
	3. If temperature of any cooler exceeded 6.0°C, was Project Man	ager not fied?
	PM notified by SRC, phone, note (circle one), other	, (For
	coolers received via commercial courier, PMs are to be notified	I immediately.
Yes No NAG	4. Is the commercial courier's packing slip attached to this form?	
Yes Z No	5. Were proper custody procedures (relinquished/received) follow	
Yes No	6. Were sample IDs listed?	
Yes, Z No	7. Was collection date & time listed?	
Yes ZINO	8. Were tests to be performed listed on the COC?	
Yeszel No	9. Did all samples arrive in the proper containers for each test?	
Yes El No D	10, Did all container label information (1D, date, time) agree with	COC?
Yes ZIINO	11. Did all containers arrive in good condition (unbroken, lids on	, ctc.)?
Yes ZINO	12. Was adequate sample volume available?	
Yes Z No C	13. Were all samples received within ½ the holding time or 48 ho comes first?	urs, whichever
Yes DINOZ	14. Were any samples containers missing?	
Yes No Z	15. Were there any excess samples nor listed on COC?	
Yes D NOD NAZ	16. Were bubbles present >"pca-size" (¼"or 6mm in diameter) in visls?	any VOA
Yes D No NA D	17. Were all metals/O&G/HEM/nutrient samples received at a pl	lof<2?
YE DINODINAS	18. Were all cyanide and/or sulfide samples received at a pH >12	
	19. Were all applicable NH3/TKN/cyanide/phenol/BNA/pest/PCL	
	(<0.2mg/L)samples free of residual chlorine?	
Yes No NA	20. Were collection temperatures documented on the COC for N	2 samples?
Sample Preservation (Mu	st be completed for any sample(s) incorrectly preserved or with heac	(space.)
Sample(s)	were received incorrectly preserved a	
accordingly in sample receiv		
Sample(s)	were received with hubbles >6 mm in die	ancier.
Sample(s)	were received with TRC >0.2 mg/l.	for NH3/
TKN/cyanide/BNA/pest/PCE		Pro 110 Tumor / P. T. S. 1000 . 1 / Antonio Martine Martine Martine Martine Martine Martine Martine Martine Mar
	2004-20170-2017-00-00-00-00-00-00-00-00-00-00-00-00-00	
Corrective Action taken, if n	ecessaty:	
Was client notified: Yes [SESI employee:		Ne 🗌

Shealy Environmental Ser	vices, Inc.			
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Comments

accord .

Level 1 Report v2.1

and a second
Report of Analysis

S&ME, Inc.

134 Suber Road Columbia, SC 29210 Attention: Thomas Behnke

Project Name: Conder Site

Project Number:1614-11

Lot Number: MD11031 Date Completed:04/28/2011

·Ka

Nisreen Saikaly Project Manager



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The following non-paginated documents are considered part of this report: Chain of Custody Record and Sample Receipt Checklist.

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Page: 1 of 23 Level 1 Report v2.1 SC DHEC No: 32010

NELAC No: E87653

NC DEHNR No: 329

Case Narrative S&ME, Inc. Lot Number: MD11031

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

All results listed in this report relate only to the samples that are contained within this report.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved NELAC standards, the Shealy Environmental Services, inc. ("Shealy") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Shealy policies. Any exceptions to the NELAC standards, the QAMP, SOPs or policies are qualified on the results page or discussed below.

Shealy is not NELAC certified for Phosphorus by 365.1 but is certified in SC and NC.

Shealy is not NELAC certified for VPH, but is certified for VPH in NC.

If you have any questions regarding this report please contact the Shealy Project Manager listed on the cover page.

Sample Summary S&ME, Inc. Lot Number: MD11031

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	SW-1	Aqueous	04/08/2011 1550	04/11/2011
002	SW-2	Aqueous	04/08/2011 1443	04/11/2011
003	SW-3	Aqueous	04/08/2011 1522	04/11/2011
004	SS-1	Solid	04/08/2011 1550	04/11/2011
005	SS-2	Solid	04/08/2011 1443	04/11/2011
006	SS-3	Solid	04/08/2011 1522	04/11/2011

(6 samples)

SHEALY ENVIRONMENTAL SERVICES, INC.

Executive Summary S&ME, Inc.

Lot Number: MD11031

Sample	o Sample ID	Matrix	Parameter	Method	Result	Q Units	Page
001	SW-1	Aqueous	Aluminum	6010C	0.49	mg/L	8
001	SW-1	Aqueous	Iron	6010C	1.8	mg/L	8
002	SW-2	Aqueous	Aluminum	6010C	1.5	mg/L	11
002	SW-2	Aqueous	Barium	6010C	0.026	mg/L	11
002	SW-2	Aqueous	Iron	6010C	3.0	mg/L	11
002	SW-2	Aqueous	Lead	6010C	0.012	mg/L	11
002	SW-2	Aqueous	Manganese	6010C	0.018	mg/L	11
003	SW-3	Aqueous	Aluminum	6010C	0.22	mg/L	14
003	SW-3	Aqueous	Iron	6010C	0.35	mg/L	14
004	SS-1	Solid	Acetone	8260B	1800	ug/kg	15
004	SS-1	Solid	2-Butanone (MEK)	8260B	56	ug/kg	15
004	SS-1	Solid	Aluminum	6010C	9800	mg/kg	17
004	SS-1	Solid	Arsenic	6010C	1.9	mg/kg	17
004	SS-1	Solid	Barium	6010C	33	mg/kg	17
004	SS-1	Solid	Beryllium	6010C	0.53	mg/kg	17
004	SS-1	Solid	Chromium	6010C	7.8	mg/kg	17
004	SS-1	Solid	Соррег	6010C	4.6	mg/kg	17
004	SS-1	Solid	Iron	6010C	1500	mg/kg	17
004	SS-1	Solid	Lead	6010C	11	mg/kg	17
004	SS-1	Solid	Manganese	6010C	11	mg/kg	17
004	SS-1	Solid	Selenium	6010C	2.2	mg/kg	17
004	SS-1	Solid	Vanadium	6010C	10	mg/kg	17
005	SS-2	Solid	Acetone	8260B	860	ug/kg	18
005	SS-2	Solid	Aluminum	6010C	4300	mg/kg	20
005	SS-2	Solid	Arsenic	6010C	1.6	mg/kg	20
005	SS-2	Solid	Barium	6010C	27	mg/kg	20
005	SS-2	Solid	Chromium	6010C	4.2	mg/kg	20
005	SS-2	Solid	Copper	6010C	3.2	mg/kg	20
005	SS-2	Solid	Iron	6010C	2000	mg/kg	20
005	SS-2	Solid	Lead	6010C	6.3	mg/kg	20
005	SS-2	Solid	Manganese	6010C	23	mg/kg	20
005	SS-2	Solid	Selenium	6010C	2.0	mg/kg	20
005	SS-2	Solid	Vanadium	6010C	7.2	mg/kg	20
006	SS-3	Solid	2-Butanone (MEK)	8260B	150	ug/kg	21
006	SS-3	Solid	Aluminum	6010C	10000	mg/kg	23
006	SS-3	Solid	Arsenic	6010C	4.8	mg/kg	23
006	SS-3	Solid	Barium	6010C	44	mg/kg	23
006	SS-3	Solid	Chromium	6010C	11	mg/kg	23
006	SS-3	Solid	Copper	6010C	9.0	mg/kg	23
006	SS-3	Solid	iron	6010C	13000	mg/kg	23
006	SS-3	Solid	Lead	6010C	14	mg/kg	23
006	SS-3	Solid	Manganese	6010C	15	mg/kg	23
006	SS-3	Solid	Selenium	6010C	6.6	mg/kg	23
006	SS-3	Solid	Vanadium	6010C	21	mg/kg	23
006	SS-3	Solid	Zinc	6010C	13	mg/kg	23

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Executive Summary (Continued) Lot Number: MD11031

Sample Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page

(45 detections)

Client: S&ME, Inc.

Description: SW-1

Date Sampled:04/08/2011 1550

Laboratory ID: MD11031-001

Matrix: Aqueous

Date Received: 04/11/2011

Run 1	Prep Method Analytical Method 5030B 8260B	Dilution Analysis 1 04/13/201		Prep Da	ate	Batch 57359		
Paran	neter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aceto	ne	67-64-1	8260B	ND		20	ug/L	1
Benze	ne	71-43-2	8260B	ND		5.0	ug/L	1
Bromo	odichloromethane	75-27-4	8260B	ND		5.0	ug/L	1
Bromo	oform	75-25-2	8260B	ND		5.0	ug/L	1
Bromo	omethane (Methyl bromide)	74-83-9	8260B	ND		5.0	ug/L	1
	anone (MEK)	78-93-3	8260B	ND		10	ug/L	1
	n disulfide	75-15-0	8260B	ND		5.0	ug/L	1
	n tetrachloride	56-23-5	8260B	ND		5.0	ug/L	1
Chlore	benzene	108-90-7	8260B	ND		5.0	ug/L	1
Chloro	bethane	75-00-3	8260B	ND		5.0	ug/L	1
Chlore		67-66-3	8260B	ND		5.0	ug/L	1
	omethane (Methyl chloride)	74-87-3	8260B	ND		5.0	ug/L	1
	bromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.0	ug/L	1
	nochloromethane	124-48-1	8260B	ND		5.0	ug/L	1
1.2-Di	bromoethane (EDB)	106-93-4	8260B	ND		5.0	ug/L	1
	chlorobenzene	95-50-1	8260B	ND		5.0	ug/L	1
1,3-Di	chlorobenzene	541-73-1	8260B	ND		5.0	ug/L	1
1,4-Di	chlorobenzene	106-46-7	8260B	ND		5.0	ug/L	1
1,1-Di	chloroethane	75-34-3	8260B	ND		5.0	ug/L	1
1,2-Di	chloroethane	107-06-2	8260B	ND		5.0	ug/L	1
1.1-Di	chloroethene	75-35-4	8260B	ND		5.0	ug/L	1
cis-1,2	2-Dichloroethene	156-59-2	8260B	ND		5.0	ug/L	1
trans-	1,2-Dichloroethene	156-60-5	8260B	ND		5.0	ug/L	1
1,2-Di	chloropropane	78-87-5	8260B	ND		5.0	ug/L	1
cis-1,3	3-Dichloropropene	10061-01-5	8260B	ND		5.0	ug/L	1
trans-	1,3-Dichloropropene	10061-02-6	8260B	ND		5.0	ug/L	1
Ethylb	enzene	100-41-4	8260B	ND		5.0	ug/L	1
- 2-Hex	anone	591-78-6	8260B	ND		10	ug/L	1
Methy	I tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.0	ug/L	1
4-Meth	nyi-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
	lene chloride	75-09-2	8260B	ND		5.0	ug/L	1
	halene	91-20-3	8260B	ND		5.0	ug/L	1
Styren		100-42-5	8260B	ND		5.0	ug/L	1
-	2-Tetrachloroethane	79-34-5	8260B	ND		5.0	ug/L	1
	hloroethene	127-18-4	8260B	ND		5.0	ug/L	1
Toluer		108-88-3	8260B	ND		5.0	ug/L	1
	Trichloroethane	71-55-6	8260B	ND		5.0	ug/L	1
	Trichloroethane	79-00-5	8260B	ND		5.0	ug/L	1
	proethene	79-01-6	8260B	ND		5.0	ug/L	1
	chloride	75-01-4	8260B	ND		2.0	ug/L	1
								•

 PQL = Practical quantitation limit
 B = Detected in the method blank
 E = Quantitation of compound exceeded the calibration range

 ND = Not detected at or above the PQL
 J = Estimated result < PQL and ≥ MDL</td>
 P = The RPD between two GC columns exceeds 40%

 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
 N = Recovery is out of criteria
 H = Out of holding time

8260B

ND

5.0

1330-20-7

Shealy Environmental Services, Inc.

Xylenes (total)

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1

ug/L

Client: S&ME, Inc. Description: SW-1 Date Sampled:04/08/2011 1550 Date Received: 04/11/2011 Laboratory ID: MD11031-001 Matrix: Aqueous

Surrogate	Run 1 A Q % Recovery	cceptance Limits	
Bromofluorobenzene	116	70-130	
1,2-Dichloroethane-d4	93	70-130	
Toluene-d8	114	70-130	

 PQL = Practical quantitation limit
 B = Detected in the method blank
 E = Quantitation of compound exceeded the calibration range

 ND = Not detected at or above the PQL
 J = Estimated result < PQL and > MDL
 P = The RPD between two GC columns exceeds 40%

 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
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Client: S&ME, Inc.

Description: SW-1

Date Sampled:04/08/2011 1550

Date Received: 04/11/2011

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/25/2011 2301	KJC	04/25/2011 1824	58214
1	3005A	6010C	1	04/15/2011 0206	CDF	04/13/2011 1714	57334

Descurrentes	CAS	Analytical	Deput	Q PQL	Units	Run
Parameter	Number	Method	Result	Q PQL	Units	Run
Aluminum	7429-90-5	6010C	0.49	0.20	mg/L	1
Antimony	7440-36-0	6010C	ND	0.010	mg/L	1
Arsenic	7440-38-2	6010C	ND	0.010	mg/L	1
Barium	7440-39-3	6010C	ND	0.025	mg/L	1
Beryllium	7440-41-7	6010C	ND	0.0040	mg/L	1
Cadmium	7440-43-9	6010C	ND	0.0020	mg/L	1
Calcium	7440-70-2	6010C	ND	5.0	mg/L	1
Chromium	7440-47-3	6010C	ND	0.0050	mg/L	1
Cobait	7440-48-4	6010C	ND	0.025	mg/L	1
Copper	7440-50-8	6010C	ND	0.0050	mg/L	1
Iron	7439-89-6	6010C	1.8	0.10	mg/L	1
Lead	7439-92-1	6010C	ND	0.010	mg/L	1
Magnesium	7439-95-4	6010C	ND	5.0	mg/L	1
Manganese	7439-96-5	6010C	ND	0.015	mg/L	1
Mercury	7439-97-6	7470A	ND	0.00010	mg/L	1
Nickel	7440-02-0	6010C	ND	0.040	mg/L	1
Potassium	7440-09-7	6010C	ND	5.0	mg/L	1
Selenium	7782-49-2	6010C	ND	0.010	mg/L	1
Silver	7440-22-4	6010C	ND	0.0050	mg/L	1
Sodium	7440-23-5	6010C	ND	5.0	mg/L	1
Thallium	7440-28-0	6010C	ND	0.050	mg/L	1
Vanadium	7440-62-2	6010C	ND	0.050	mg/L	1
Zinc	7440-66-6	6010C	ND	0.020	mg/L	1

 PQL = Practical quantitation limit
 B = Detected in the method blank
 E = Quantitation of compound exceeded the calibration range

 ND = Not detected at or above the PQL
 J = Estimated result < PQL and ≥ MDL</td>
 P = The RPD between two GC columns exceeds 40%

 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
 N = Recovery is out of criteria
 H = Out of holding time

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Laboratory ID: MD11031-001

Matrix: Aqueous

Client: S&ME, Inc.

Description: SW-2

Date Sampled:04/08/2011 1443

Laboratory ID: MD11031-002

Matrix: Aqueous

Date Received: 04/11/2011

	~~~	 0,100			
		Pren		11	
- P	Zun	Pren	Met	non	

RunPrep MethodAnalytical Method15030B8260B	Dilution Analysis 1 04/13/2011	-	Prep Da	te	<b>Batch</b> 57359		
••••••••••••••••••••••••••••••••••••••	CAS	Analytical					
Parameter	Number	Method	Result	Q	PQL	Units	Rur
Acetone	67-64-1	8260B	ND		20	ug/L	1
Benzene	71-43-2	8260B	ND		5.0	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		5.0	ug/L	1
Bromoform	75-25-2	8260B	ND		5.0	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		5.0	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		5.0	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		5.0	ug/L	1
Chloroethane	75-00-3	8260B	ND		5.0	ug/L	1
Chloroform	67-66-3	8260B	ND		5.0	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.0	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		5.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.0	ug/L	1
1.2-Dichlorobenzene	95-50-1	8260B	ND		5.0	ug/L	1
1.3-Dichlorobenzene	541-73-1	8260B	ND		5.0	ug/L	1
1.4-Dichlorobenzene	106-46-7	8260B	ND		5.0	ug/L	1
1.1-Dichloroethane	75-34-3	8260B	ND		5.0	ug/L	, 1
1.2-Dichloroethane	107-06-2	8260B	ND		5.0	ug/L	1
1.1-Dichloroethene	75-35-4	8260B	ND		5.0	-	1
,	75-55-4 156-59-2	8260B	ND		5.0	ug/L	
cis-1,2-Dichloroethene trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.0	ug/L ug/L	1 1
	78-87-5	8260B	ND		5.0		1
1,2-Dichloropropane						ug/L	
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		5.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylene chloride	75-09-2	8260B	ND		5.0	ug/L	1
Naphthalene	91-20-3	8260B	ND		5.0	ug/L	1
Styrene	100-42-5	8260B	ND		5.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.0	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		5.0	ug/L	1
Toluene	108-88-3	8260B	ND		5.0	ug/L	1
I,1,1-Trichloroethane	71-55-6	8260B	ND		5.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.0	ug/L	1
Trichloroethene	7 <del>9</del> -01-6	8260B	ND		5.0	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		2.0	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		5.0	ug/L	1

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range J = Estimated result < PQL and  $\geq$  MDL P = The RPD between two GC columns exceeds 40% ND = Not detected at or above the PQL Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"  $\,$ N = Recovery is out of criteria H = Out of holding time

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Page: 9 of 23 Level 1 Report v2.1 Client: S&ME, Inc. Description: SW-2 Date Sampled:04/08/2011 1443 Date Received: 04/11/2011 Laboratory ID: MD11031-002 Matrix: Aqueous

Surrogate	Run 1 A Q % Recovery	cceptance Limits
Bromofiuorobenzene	115	70-130
1,2-Dichloroethane-d4	88	70-130
Toluene-d8	116	70-130

 PQL = Practical quantitation limit
 B = Detected in the method blank
 E = Quantitation of compound exceeded the calibration range

 ND = Not detected at or above the PQL
 J = Estimated result < PQL and > MDL
 P = The RPD between two GC columns exceeds 40%

 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
 N = Recovery is out of criteria
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Client: S&ME, Inc.

Description: SW-2

Date Sampled:04/08/2011 1443

Date Received: 04/11/2011

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/25/2011 2304	KJC	04/25/2011 1824	58214
1	3005A	6010C	1	04/15/2011 0210	CDF	04/13/2011 1714	57334

	CAS	Analytical				
Parameter	Number	Method	Result	Q PQL	Units	Run
Aluminum	7429-90-5	6010C	1.5	0.20	mg/L	1
Antimony	7440-36-0	6010C	ND	0.010	mg/L	1
Arsenic	7440-38-2	6010C	ND	0.010	mg/L	1
Barium	7440-39-3	6010C	0.026	0.025	mg/L	1
Beryllium	7440-41-7	6010C	ND	0.0040	mg/L	1
Cadmium	7440-43-9	6010C	ND	0.0020	mg/L	1
Calcium	7440-70-2	6010C	ND	5.0	mg/L	1
Chromium	7440-47-3	6010C	ND	0.0050	mg/L	1
Cobalt	7440-48-4	6010C	ND	0.025	mg/L	1
Copper	7440-50-8	6010C	ND	0.0050	mg/L	1
Iron	7439-89-6	6010C	3.0	0.10	mg/L	1
Lead	7439-92-1	6010C	0.012	0.010	mg/L	1
Magnesium	7439-95-4	6010C	ND	5.0	mg/L	1
Manganese	7439-96-5	6010C	0.018	0.015	mg/L	1
Mercury	7439-97-6	7470A	ND	0.00010	mg/L	1
Nickel	7440-02-0	6010C	ND	0.040	mg/L	1
Potassium	7440-09-7	6010C	ND	5.0	mg/L	1
Selenium	7782-49-2	6010C	ND	0.010	mg/L	1
Silver	7440-22-4	6010C	ND	0.0050	mg/L	1
Sodium	7440-23-5	6010C	ND	5.0	mg/L	1
Thallium	7440-28-0	6010C	ND	0.050	mg/L	1
Vanadium	7440-62-2	6010C	ND	0.050	mg/L	1
Zinc	7440-66-6	6010C	ND	0.020	mg/L	1

 PQL = Practical quantitation limit
 B = Detected in the method blank
 E = Quantitation of compound exceeded the calibration range

 ND = Not detected at or above the PQL
 J = Estimated result < PQL and ≥ MDL.</td>
 P = The RPD between two GC columns exceeds 40%

 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
 N = Recovery is out of criteria
 H = Out of holding time

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Laboratory ID: MD11031-002

Matrix: Aqueous

Client: S&ME, Inc.

Description: SW-3

Date Sampled:04/08/2011 1522

Laboratory ID: MD11031-003

Matrix: Aqueous

Date Received: 04/11/2011

Run 1	Prep Method 5030B	Analytical Method 8260B	Dilution 1	Analysis Da 04/21/2011	-	Prep Da	ate	<b>Batch</b> 58021		
				CAS	Analytical					
Param	neter			Number	Method	Result	Q	PQL	Units	Run
Acetor	ne			67-64-1	8260B	ND		20	ug/L	1
Benze	ne			71-43-2	8260B	ND		5.0	ug/L	1
Bromo	dichloromethane			75-27-4	8260B	ND		5.0	ug/L	1
Bromo	oform			75-25-2	8260B	ND		5.0	ug/L	1
Bromo	methane (Methyl br	romide)		74-83-9	8260B	ND		5.0	ug/L	1
2-Buta	inone (MEK)			78-93-3	8260B	ND		10	ug/L	1
Carbo	n disulfide			75-15-0	8260B	ND		5.0	ug/L	1
Carbo	n tetrachloride			56-23-5	8260B	ND		5.0	ug/L	1
Chloro	benzene		1	108-90-7	8260B	ND		5.0	ug/L	1
Chloro	ethane			75-00-3	8260B	ND		5.0	ug/L	1
Chloro	form			67-66-3	8260B	ND		5.0	ug/L	1
Chloro	methane (Methyl ch	nloride)		74-87-3	8260B	ND		5.0	ug/L	1
l,2-Dil	bromo-3-chloroprop	ane (DBCP)		96-12-8	8260B	ND		5.0	ug/L	1
Dibron	nochloromethane		1	24-48-1	8260B	ND		5.0	ug/L	1
1,2-Dil	bromoethane (EDB)		1	106-93-4	8260B	ND		5.0	ug/L	1
1,2-Dio	chlorobenzene			95-50-1	8260B	ND		5.0	ug/L	1
1,3-Dio	chlorobenzene		5	541-73-1	8260B	ND		5.0	ug/L	1
1,4-Dio	chlorobenzene		1	06-46-7	8260B	ND		5.0	ug/L	1
1,1-Die	chloroethane			75-34-3	8260B	ND		5.0	ug/L	1
1,2-Dio	chloroethane		1	107-06-2	8260B	ND		5.0	ug/L	1
1,1-Dio	chloroethene			75-35-4	8260B	ND		5.0	ug/L	1
cis-1,2	-Dichloroethene		1	56-59-2	8260B	ND		5.0	ug/L	1
rans-1	1,2-Dichioroethene		1	56-60-5	8260B	ND		5.0	ug/L	1
i,2-Dio	chloropropane			78-87-5	8260B	ND		5.0	ug/L	1
is-1,3	-Dichloropropene		100	)61-01-5	8260B	ND		5.0	ug/L	1
rans-1	1,3-Dichloropropene		100	061-02-6	8260B	ND		5.0	ug/L	1
Ethylb	enzene		1	00-41-4	8260B	ND		5.0	ug/L	1
2-Hexa	anone		5	591-78-6	8260B	ND		10	ug/L	1
vlethyl	l tertiary butyl ether	(MTBE)	16	334-04-4	8260B	ND		5.0	ug/L	1
I-Meth	yl-2-pentanone		1	08-10-1	8260B	ND		10	ug/L	1
	ene chloride			75-09-2	8260B	ND		5.0	ug/L	1
vaphtl	nalene			91-20-3	8260B	ND		5.0	ug/L	1
Styren			1	00-42-5	8260B	ND		5.0	ug/L	1
,1,2,2	-Tetrachioroethane			79-34-5	8260B	ND		5.0	ug/L	1
	hloroethene		1	27-18-4	8260B	ND		5.0	ug/L	1
oluer	ne		1	08-88-3	8260B	ND		5.0	ug/L	1
I,1, <b>1</b> -7	Frichloroethane			71-55-6	8260B	ND		5.0	ug/L	1
	Frichloroethane			79-00-5	8260B	ND		5.0	ug/L	1
Frichlo	roethene			79-01-6	8260B	ND		5.0	ug/L	1
/inyl c	hloride			75-01-4	8260B	ND		2.0	ug/L	1
Vlene	es (total)		13	330-20-7	8260B	ND		5.0	ug/L	1

 PQL = Practical quantitation limit
 B = Detected in the method blank
 E = Quantitation of compound exceeded the calibration range

 ND = Not detected at or above the PQL
 J = Estimated result < PQL and ≥ MDL</td>
 P = The RPD between two GC columns exceeds 40%

 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
 N = Recovery is out of criteria
 H = Out of holding time

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Page: 12 of 23 Level 1 Report v2.1 Client: S&ME, Inc. Description: SW-3 Date Sampled:04/08/2011 1522 Date Received: 04/11/2011 Laboratory ID: MD11031-003 Matrix: Aqueous

Surrogate	Run 1 A Q % Recovery	cceptance Limits
Bromofluorobenzene	122	70~130
1,2-Dichloroethane-d4	119	70-130
Toluene-d8	114	70-130

 PQL = Practical quantitation limit
 B = Detected in the method blank
 E = Quantitation of compound exceeded the calibration range

 ND = Not detected at or above the PQL
 J = Estimated result < PQL and > MDL
 P = The RPD between two GC columns exceeds 40%

 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
 N = Recovery is out of criteria
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Client: S&ME, Inc.

Description: SW-3

Date Sampled:04/08/2011 1522

Date Received: 04/11/2011

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	04/25/2011 2306	KJC	04/25/2011 1824	58214
1	3005A	6010C	1	04/15/2011 0214	CDF	04/13/2011 1714	57334

Parameter	CAS	Analytical	Result	Q PQL	Units	Run
Falameter	Number	Method			Units	Run
Aluminum	7429-90-5	6010C	0.22	0.20	mg/L	1
Antimony	7440-36-0	6010C	ND	0.010	mg/L	1
Arsenic	7440-38-2	6010C	ND	0.010	mg/L	1
Barium	7440-39-3	6010C	ND	0.025	mg/L	1
Beryllium	7440-41-7	6010C	ND	0.0040	mg/L	1
Cadmium	7440-43-9	6010C	ND	0.0020	mg/L	1
Calcium	7440-70-2	6010C	ND	5.0	mg/L	1
Chromium	7440-47-3	6010C	ND	0.0050	mg/L	1
Cobalt	7440-48-4	6010C	ND	0.025	mg/L	1
Copper	7440-50-8	6010C	ND	0.0050	mg/L	1
Iron	7439-89-6	6010C	0.35	0.10	mg/L	1
Lead	7439-92-1	6010C	ND	0.010	mg/L	1
Magnesium	7439-95-4	6010C	ND	5.0	mg/L	1
Manganese	7439-96-5	6010C	ND	0.015	mg/L	1
Mercury	7439-97-6	7470A	ND	0.00010	mg/L	1
Nickel	7440-02-0	6010C	ND	0.040	mg/L	1
Potassium	7440-09-7	6010C	ND	5.0	mg/L	1
Selenium	7782-49-2	6010C	ND	0.010	mg/L	1
Silver	7440-22-4	6010C	ND	0.0050	mg/L	1
Sodium	7440-23-5	6010C	ND	5.0	mg/L	1
Thallium	7440-28-0	6010C	ND	0.050	mg/L	1
Vanadium	7440-62-2	6010C	ND	0.050	mg/L	1
Zinc	7440-66-6	6010C	ND	0.020	mg/L	1

 PQL = Practical quantitation limit
 B = Detected in the method blank
 E = Quantitation of compound exceeded the calibration range

 ND = Not detected at or above the PQL
 J = Estimated result < PQL and > MDL
 P = The RPD between two GC columns exceeds 40%

 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
 N = Recovery is out of criteria
 H = Out of holding time

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Laboratory ID: MD11031-003 Matrix: Aqueous

Client: S&ME, Ir	٦C
Description: SS-1	

Date Sampled:04/08/2011 1550

Date Received: 04/11/2011

Laboratory ID: MD11031-004 Matrix: Solid

% Solids: 43.0 04/11/2011 2230

Run Prep Method **Analytical Method Dilution** Analysis Date Analyst Prep Date Batch Sample Wt.(g) 04/21/2011 0149 5035 8260B LBS 1 1 57888 4.96CAS Analytical Parameter Q POL Units Result Run Number Method 47 Acetone 67-64-1 8260B 1800 ug/kg 1 Benzene 71-43-2 8260B ND 12 1 ug/kg 75-27-4 Bromodichloromethane 8260B ND 12 ug/kg 1 75-25-2 8260B ND 12 Bromoform ug/kg 1 Bromomethane (Methyl bromide) 74-83-9 8260B ND 12 ug/kg 1 23 2-Butanone (MEK) 78-93-3 8260B 56 ug/kg 1 Carbon disulfide 8260B NÐ 12 75-15-0 ug/kg 1 Carbon tetrachloride 56-23-5 8260B ND 12 ug/kg 1 ND Chlorobenzene 108-90-7 12 8260B ug/kg 1 Chloroethane 75-00-3 8260B ND 12 ug/kg 1 Chloroform 67-66-3 8260B ND 12 ug/kg 1 Chloromethane (Methyl chloride) ND 12 74-87-3 8260B ug/kg 1 1,2-Dibromo-3-chloropropane (DBCP) 96-12-8 8260B ND 12 ug/kg 1 Dibromochloromethane 124-48-1 8260B ND 12 1 ug/kg 1,2-Dibromoethane (EDB) 106-93-4 8260B ND 12 ug/kg 1 1,2-Dichlorobenzene 95-50-1 8260B ND 12 ug/kg 1 1,3-Dichlorobenzene 541-73-1 8260B ND 12 ug/kg 1 1,4-Dichlorobenzene 106-46-7 8260B ND 12 ug/kg 1 1,1-Dichloroethane 75-34-3 8260B ND 12 1 ug/kg 1,2-Dichloroethane 107-06-2 8260B ND 12 1 ug/kg ND 12 1,1-Dichloroethene 75-35-4 8260B ug/kg 1 cis-1,2-Dichloroethene 156-59-2 8260B ND 12 ug/kg 1 trans-1,2-Dichloroethene 156-60-5 8260B ND 12 ug/kg 1 78-87-5 8260B NÐ 12 1,2-Dichloropropane 1 ug/kg 10061-01-5 8260B ND 12 cis-1,3-Dichloropropene ug/kg 1 trans-1,3-Dichloropropene 10061-02-6 8260B ND 12 ug/kg 1 ND 12 Ethylbenzene 100-41-4 8260B 1 ug/kg 2-Hexanone 591-78-6 8260B ND 23 ug/kg 1 12 Methyl tertiary butyl ether (MTBE) 1634-04-4 8260B ND ug/kg 1 4-Methyl-2-pentanone ND 23 108-10-1 8260B ug/kg 1 Methylene chloride 75-09-2 8260B ND 12 ug/kg 1 Naphthalene 91-20-3 8260B ND 12 ug/kg 1 Styrene 100-42-5 8260B ND 12 ug/kg 1 1,1,2,2-Tetrachloroethane 79-34-5 8260B ND 12 ug/kg 1 Tetrachloroethene 127-18-4 8260B ND 12 1 ug/kg Toluene 108-88-3 8260B ND 12 1 ug/kg 1,1,1-Trichloroethane ND 12 71-55-6 8260B ug/kg 1 ND 12 1,1,2-Trichloroethane 79-00-5 8260B ug/kg 1 Trichloroethene 79-01-6 ND 12 8260B ug/kg 1 Vinyl chloride 75-01-4 8260B ND 12 ug/kg 1 Xylenes (total) 1330-20-7 8260B ND 12 ug/kg 1

PQL = Practical quantitation limit	B = Detected in the method blank	E = Quantitation of compound exceeded	the calibration range
ND = Not detected at or above the PQL	<pre>J = Estimated result &lt; PQL and &gt; MDL</pre>	P = The RPD between two GC columns (	exceeds 40%
Where applicable, all soil sample analysis are reported	on a dry weight basis unless flagged with a "W"	N = Recovery is out of criteria	H = Out of holding time

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Client: S&ME, Inc. Description: SS-1 Date Sampled:04/08/2011 1550 Date Received: 04/11/2011 Laboratory ID: MD11031-004 Matrix: Solid % Solids: 43.0 04/11/2011 2230

Surrogate	Run 1 Av Q % Recovery	cceptance Limits
1,2-Dichloroethane-d4	101	53-142
Bromofluorobenzene	75	47-138
Toluene-d8	95	68-124

 PQL = Practical quantitation limit
 B = Detected in the method blank
 E = Quantitation of compound exceeded the calibration range

 ND = Not detected at or above the PQL
 J = Estimated result < PQL and > MDL
 P = The RPD between two GC columns exceeds 40%

 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
 N = Recovery is out of criteria
 H = Out of holding time

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Client: S&ME, Inc.

Description: SS-1

Date Sampled:04/08/2011 1550

Date Received: 04/11/2011

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	04/12/2011 2319	KJC	04/12/2011 1933	57247
1	3050B	6010C	1	04/14/2011 2249	CDF	04/13/2011 0930	57183

<b>-</b> /	CAS	Analytical		-			_
Parameter	Number	Method	Result	Q	PQL	Units	Run
Aluminum	7429-90-5	6010C	9800		22	mg/kg	1
Antimony	7440-36-0	6010C	ND		1.1	mg/kg	1
Arsenic	7440-38-2	6010C	1.9		1.1	mg/kg	1
Barium	7440-39-3	6010C	33		2.9	mg/kg	1
Beryllium	7440-41-7	6010C	0.53		0.45	mg/kg	1
Cadmium	7440-43-9	6010C	ND		0.22	mg/kg	1
Calcium	7440-70-2	6010C	ND		560	mg/kg	1
Chromium	7440-47-3	6010C	7.8		0.56	mg/kg	1
Cobalt	7440-48-4	6010C	ND		2.9	mg/kg	1
Copper	7440-50-8	6010C	4.6		0.56	mg/kg	1
Iron	7439-89-6	6010C	1500		11	mg/kg	1
Lead	7439-92-1	6010C	11		1. <b>1</b>	mg/kg	1
Magnesium	7439-95-4	6010C	ND		560	mg/kg	1
Manganese	7439-96-5	6010C	11		1.7	mg/kg	1
Мегсигу	7439-97-6	7471B	ND		0.18	mg/kg	1
Nickel	7440-02-0	6010C	ND		4.5	mg/kg	1
Potassium	7440-09-7	6010C	ND		560	mg/kg	1
Selenium	7782-49-2	6010C	2.2		1.1	mg/kg	1
Silver	7440-22-4	6010C	ND		0.56	mg/kg	1
Sodium	7440-23-5	6010C	ND		560	mg/kg	1
Thallium	7440-28-0	6010C	ND		5.6	mg/kg	1
Vanadium	7440-62-2	6010C	10		5.6	mg/kg	1
Zinc	7440-66-6	6010C	ND		5.6	mg/kg	1

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range ND = Not detected at or above the PQL J = Estimated result < PQL and > MDL P = The RPD between two GC columns exceeds 40% Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"  $\,$ N = Recovery is out of criteria H = Out of holding time

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Laboratory ID: MD11031-004 Matrix: Solid

% Solids: 43.0 04/11/2011 2230

Client: S&ME, Inc.

Description: **SS-2** Date Sampled:**04/08/2011 1443** 

Date Gampled.04/00/2011 14-

Laboratory ID: MD11031-005 Matrix: Solid

% Solids: 36.4 04/11/2011 2230

RunPrep MethodAnalytical Method150358260B	Dilution Analysis 1 04/21/2011		Prep Date	<b>Batch</b> 57888	Sample Wt.(g) 3.21	
	CAS	Analytical	Deeult			 D
Parameter	Number	Method	Result	Q P	QL Units	Run
Acetone	67-64-1	8260B	860		86 ug/kg	1
Benzene	71-43-2	8260B	ND		21 ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		21 ug/kg	• 1
Bromoform	75-25-2	8260B	ND		21 ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		21 ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		43 ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		21 ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		21 ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		21 ug/kg	1
Chloroethane	75-00-3	8260B	ND		21 ug/kg	1
Chloroform	67-66-3	8260B	ND		21 ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		21 ug/kg	1
,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		21 ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		21 ug/kg	1
,2-Dibromoethane (EDB)	106-93-4	8260B	ND		21 ug/kg	1
,2-Dichlorobenzene	95-50-1	8260B	ND		21 ug/kg	1
,3-Dichlorobenzene	541-73-1	8260B	ND		21 ug/kg	1
,4-Dichlorobenzene	106-46-7	8260B	ND		21 ug/kg	1
,1-Dichloroethane	75-34-3	8260B	ND		21 ug/kg	1
,2-Dichloroethane	107-06-2	8260B	ND		21 ug/kg	1
,1-Dichloroethene	75-35-4	8260B	ND		21 ug/kg	1
is-1,2-Dichloroethene	156-59-2	8260B	ND		21 ug/kg	1
ans-1,2-Dichloroethene	156-60-5	8260B	ND		21 ug/kg	1
,2-Dichloropropane	78-87-5	8260B	ND		21 ug/kg	1
is-1,3-Dichloropropene	10061-01-5	8260B	ND		21 ug/kg	1
ans-1,3-Dichloropropene	10061-02-6	8260B	ND		21 ug/kg	1
thylbenzene	100-41-4	8260B	ND		21 ug/kg	1
-Hexanone	591-78-6	8260B	ND		43 ug/kg	1
lethyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		21 ug/kg	1
-Methyl-2-pentanone	108-10-1	8260B	ND		43 ug/kg	1
fethylene chloride	75-09-2	8260B	ND		21 ug/kg	1
laphthalene	91-20-3	8260B	ND		21 ug/kg	1
ityrene	100-42-5	8260B	ND		21 ug/kg	1
,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		21 ug/kg	1
etrachloroethene	127-18-4	8260B	ND		21 ug/kg	1
oluene	108-88-3	8260B	ND		21 ug/kg 21 ug/kg	1
,1,1-Trichloroethane	71-55-6	8260B	ND		21 ug/kg 21 ug/kg	1
.1.2-Trichloroethane	79-00-5	8260B	ND		21 ug/kg 21 ug/kg	1
richloroethene	79-01-6	8260B	ND		21 ug/kg 21 ug/kg	, 1
inyl chloride	75-01-4	8260B	ND		21 ug/kg 21 ug/kg	י 1
(ylenes (total)	1330-20-7	8260B	ND		21 ug/kg 21 ug/kg	1

PQL = Practical quantitation limit	B = Detected in the method blank	E = Quantitation of compound exceeded to	he calibration range
ND = Not detected at or above the PQL	J = Estimated result < PQL and <u>&gt; MDL</u>	P = The RPD between two GC columns et	xceeds 40%
Where applicable, all soil sample analysis are reported on a c	iry weight basis unless flagged with a "W"	N = Recovery is out of criteria	H = Out of holding time

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Client: S&ME, Inc. Description: SS-2 Date Sampled:04/08/2011 1443 Date Received: 04/11/2011 Laboratory ID: MD11031-005 Matrix: Solid % Solids: 36.4 04/11/2011 2230

Surrogate	Run 1 A Q % Recovery	Acceptance Limits
1,2-Dichloroethane-d4	100	53-142
Bromofluorobenzene	88	47-138
Toluene-d8	99	68-124

 PQL = Practical quantitation limit
 B = Detected in the method blank
 E = Quantitation of compound exceeded the calibration range

 ND = Not detected at or above the PQL
 J = Estimated result < PQL and ≥ MDL</td>
 P = The RPD between two GC columns exceeds 40%

 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
 N = Recovery is out of criteria
 H = Out of holding time

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Client: S&ME, Inc.

Description: SS-2

Date Sampled:04/08/2011 1443

Date Received: 04/11/2011

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	04/12/2011 2321	KJC	04/12/2011 1933	57247
1	3050B	6010C	1	04/14/2011 2253	CDF	04/13/2011 0930	57183

	CAS	Analytical					
Parameter	Number	Method	Result	Q	PQL	Units	Run
Aluminum	7429-90-5	6010C	4300		27	mg/kg	1
Antimony	7440-36-0	6010C	ND		1.4	mg/kg	1
Arsenic	7440-38-2	6010C	1.6		1.4	mg/kg	1
Barium	7440-39-3	6010C	27		3.6	mg/kg	1
Beryllium	7440-41-7	6010C	ND		0.55	mg/kg	1
Cadmium	7440-43-9	6010C	ND		0.27	mg/kg	1
Calcium	7440-70-2	6010C	ND		680	mg/kg	1
Chromium	7440-47-3	6010C	4.2		0.68	mg/kg	1
Cobalt	7440-48-4	6010C	ND		3.6	mg/kg	1
Copper	7440-50-8	6010C	3.2		0.68	mg/kg	1
Iron	7439-89-6	6010C	2000		14	mg/kg	1
Lead	7439-92-1	6010C	6.3		1.4	mg/kg	1
Magnesium	7439-95-4	6010C	ND		680	mg/kg	1
Manganese	7439-96-5	6010C	23		2.1	mg/kg	1
Mercury	7439-97-6	7471B	ND		0.20	mg/kg	1
Nickel	7440-02-0	6010C	ND		5.5	mg/kg	1
Potassium	7440-09-7	6010C	ND		680	mg/kg	1
Selenium	7782-49-2	6010C	2.0		1.4	mg/kg	1
Silver	7440-22-4	6010C	ND		0.68	mg/kg	1
Sodium	7440-23-5	6010C	ND		680	mg/kg	1
Thallium	7440-28-0	6010C	ND		6.8	mg/kg	1
Vanadium	7440-62-2	6010C	7.2		6.8	mg/kg	1
Zinc	7440-66-6	6010C	ND		6.8	mg/kg	1

 PQL = Practical quantitation limit
 B = Detected in the method blank
 E = Quantitation of compound exceeded the calibration range

 ND = Not detected at or above the PQL
 J = Estimated result < PQL and > MDL
 P = The RPD between two GC columns exceeds 40%

 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
 N = Recovery is out of criteria
 H = Out of holding time

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Laboratory ID: MD11031-005 Matrix: Solid

% Solids: 36.4 04/11/2011 2230

Client: S&ME, Inc.

Description: SS-3

Date Sampled:04/08/2011 1522

Laboratory ID: MD11031-006 Matrix: Solid % Solids: 19.5 04/11/2011 2230

Date Received: 04/11/2011

Run 1	Prep Method 5035	Analytical Method 8260B	Dilution 1	Analysis D 04/21/2011		alyst BS	Prep Dat	te	<b>Batch</b> 57888	Sample Wt 3.44	.(g)	
2	5035	8260B	50	04/22/2011	2153 E	ЗМ			58234	3.78		
Param	eter			CAS Number	Analytic Metho		Result	Q	PQL		Units	Run
Acetor	e			67-64-1	8260	В	ND		680	0	ug/kg	2
Benze	ne			71-43-2	8260	В	ND		3	7	ug/kg	1
Вгото	dichloromethane			75-27-4	8260	В	ND		3	7	ug/kg	1
-	-					_			_	_		

Bromodichloromethane	75-27-4	8260B	ND	37	ug/kg	1	
Bromoform	75-25-2	8260B	ND	37	ug/kg	1	
Bromomethane (Methyl bromide)	74-83-9	8260B	ND	37	ug/kg	1	
2-Butanone (MEK)	78-93-3	8260B	150	75	ug/kg	1	
Carbon disulfide	75-15-0	8260B	ND	37	ug/kg	1	
Carbon tetrachloride	56-23-5	8260B	ND	37	ug/kg	1	
Chlorobenzene	108-90-7	8260B	ND	37	ug/kg	1	
Chloroethane	75-00-3	8260B	ND	37	ug/kg	1	
Chloroform	67-66-3	8260B	ND	37	ug/kg	1	
Chloromethane (Methyl chloride)	74-87-3	8260B	ND	37	ug/kg	1	
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND	37	ug/kg	1	
Dibromochloromethane	124-48-1	8260B	ND	37	ug/kg	1	
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND	37	ug/kg	1	
1,2-Dichlorobenzene	95-50-1	8260B	ND	37	ug/kg	1	
1,3-Dichlorobenzene	541-73-1	8260B	ND	37	ug/kg	1	
1,4-Dichlorobenzene	106-46-7	8260B	ND	37	ug/kg	1	
1,1-Dichloroethane	75-34-3	8260B	ND	37	ug/kg	1	
1,2-Dichloroethane	107-06-2	8260B	ND	37	ug/kg	1	
1,1-Dichloroethene	75-35-4	8260B	ND	37	ug/kg	1	
cis-1,2-Dichloroethene	156-59-2	8260B	ND	37	ug/kg	1	
trans-1,2-Dichloroethene	156-60-5	8260B	ND	37	ug/kg	1	
1,2-Dichloropropane	78-87-5	8260B	ND	37	ug/kg	1	
cis-1,3-Dichloropropene	10061-01-5	8260B	ND	37	ug/kg	1	
trans-1,3-Dichloropropene	10061-02-6	8260B	ND	37	ug/kg	1	
Ethylbenzene	100-41-4	8260B	ND	37	ug/kg	1	
2-Hexanone	591-78-6	8260B	ND	75	ug/kg	1	
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND	37	ug/kg	1	
4-Methyl-2-pentanone	108-10-1	8260B	ND	75	ug/kg	1	
Methylene chloride	75-09-2	8260B	ND	37	ug/kg	1	
Naphthalene	91-20-3	8260B	ND	37	ug/kg	1	
Styrene	100-42-5	8260B	ND	37	ug/kg	1	
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND	37	ug/kg	1	
Tetrachloroethene	127-18-4	8260B	ND	37	ug/kg	1	
Toluene	108-88-3	8260B	ND	37	ug/kg	1	
1,1,1-Trichloroethane	71-55-6	8260B	ND	37	ug/kg	1	
1,1,2-Trichloroethane	79-00-5	8260B	ND	37	ug/kg	1	
Trichloroethene	79-01-6	8260B	ND	37	ug/kg	1	
Vinyl chloride	75-01-4	8260B	ND	37	ug/kg	1	
Xylenes (total)	1330-20-7	8260B	ND	37	ug/kg	1	

PQL = Practical quantitation limit	B = Detected in the method blank	E = Quantitation of compound exceeded the calibration range				
ND = Not detected at or above the PQL J = Estimated result < PQL and > MDL		P = The RPD between two GC columns exceeds 40%				
Where applicable, all soil sample analysis are reported on a dry	N = Recovery is out of criteria	H = Out of holding time				

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Client: S&ME, Inc. Description: SS-3 Date Sampled:04/08/2011 1522 Date Received: 04/11/2011

Laboratory ID: MD11031-006 Matrix: Solid % Solids: 19.5 04/11/2011 2230

Surrogate	Q	Run 1 / % Recovery	Acceptance Limits	Q	Run 2 A % Recovery	cceptance Limits
1,2-Dichloroethane-d4		101	53-142		63	53-142
Bromofluorobenzene		84	47-138		57	47-138
Toluene-d8		98	68-124	Ν	57	68-124

 PQL = Practical quantitation limit
 B = Detected in the method blank
 E = Quantitation of compound exceeded the calibration range

 ND = Not detected at or above the PQL
 J = Estimated result < PQL and ≥ MDL</td>
 P = The RPD between two GC columns exceeds 40%

 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
 N = Recovery is out of criteria
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Page: 22 of 23 Level 1 Report v2.1

Client: S&ME, Inc.

Description: SS-3

Date Sampled:04/08/2011 1522

Date Received: 04/11/2011

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	04/12/2011 2325	KJC	04/12/2011 1933	57247
1	3050B	6010C	1	04/14/2011 2256	CDF	04/13/2011 0930	57183

	CAS	Analytical					
Parameter	Number	Method	Result	Q	PQL	Units	Run
Aluminum	7429-90-5	6010C	10000		50	mg/kg	1
Antimony	7440-36-0	6010C	ND		2.5	mg/kg	1
Arsenic	7440-38-2	6010C	4.8		2.5	mg/kg	1
Barium	7440-39-3	6010C	44		6.6	mg/kg	1
Beryllium	7440-41-7	6010C	ND		1.0	mg/kg	1
Cadmium	7440-43-9	6010C	ND		0.50	mg/kg	1
Calcium	7440-70-2	6010C	ND		1300	mg/kg	1
Chromium	7440-47-3	6010C	11		1.3	mg/kg	1
Cobalt	7440-48-4	6010C	ND		6.6	mg/kg	1
Copper	7440-50-8	6010C	9.0		1.3	mg/kg	1
Iron	7439-89-6	6010C	13000		25	mg/kg	1
Lead	7439-92-1	6010C	14		2.5	mg/kg	1
Magnesium	7439-95-4	6010C	ND		1300	mg/kg	1
Manganese	7439-96-5	6010C	15		3.8	mg/kg	1
Mercury	7439-97-6	7471B	ND		0.37	mg/kg	1
Nickel	7440-02-0	6010C	ND		10	mg/kg	1
Potassium	7440-09-7	6010C	ND		1300	mg/kg	1
Selenium	7782-49-2	6010C	6.6		2.5	mg/kg	1
Silver	7440-22-4	6010C	ND		1.3	mg/kg	1
Sodium	7440-23-5	6010C	ND		1300	mg/kg	1
Thallium	7440-28-0	6010C	ND		13	mg/kg	1
Vanadium	7440-62-2	6010C	21		13	mg/kg	1
Zinc	7440-66-6	6010C	13		13	mg/kg	1

 PQL = Practical quantitation limit
 B = Detected in the method blank
 E = Quantitation of compound exceeded the calibration range

 ND = Not detected at or above the PQL
 J = Estimated result < PQL and > MDL
 P = The RPD between two GC columns exceeds 40%

 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
 N = Recovery is out of criteria
 H = Out of holding time

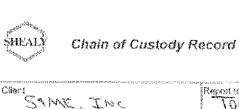
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Page: 23 of 23 Level 1 Report v2.1

Laboratory ID: MD11031-006 Matrix: Solid

% Solids: 19.5 04/11/2011 2230



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## Shealy Environmental Services, Inc. 106 Vantage Point Drive

West Columbia, South Carolina 29172 Telephone No. (803) 791-9700 - Fax No. (803) 791-9111 Number 01582

www.steelytab.com

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Level 1 Report v2.1

Sheidy Environmental Services, 140, Document Number, F-AD-416 Revision Number, 7	Page : of i Replaces Date, 6529/97 Effective Date; 62-25/1
	Sample Receipt Checklist (SRC)
Client: $\sum \tau m t^{\prime}$	Cooler Inspected by/date: or H/n/1/ Lout D11631
Means of receipt:	Client UPS FedEx Airbone Exp Other
Yes D No Z	1. Were custody seals present on the cooler?
Yes 🗌 No 🗍	2. If custody seals were present, were they intact and unbroken?
Cooler ID/temperature upon n	$\frac{\operatorname{eceipt} - \frac{\operatorname{for} \circ C}{1 - \operatorname{for} \circ C} = \frac{1 - \operatorname{for} \circ C}{1 - \operatorname{for} \circ C} = \frac{1 - \operatorname{for} \circ C}{1 - \operatorname{for} \circ C}$
Method: Temperature E Method of coelant: Wo	
If response is No (or Yes for 1	4, 15, 16), an explanation/resolution must be provided.
Yes D No D NA	3. If temperature of any cooler exceeded 6.0°C, was Project Manager notifical? PM notified by SRC, phone, note (circle one), other:
Yes DINO NAZZ	4. Is the commercial courier's packing slip attached to this form?
Yes PINOTI	5. Were proper custody procedures (relinquished/received) followed?
Yes ZA No	6. Were sample IDs listed?
Yes VI No	7. Was collection date & time listed?
Yes DY No D	8. Were tests to be performed listed on the COC?
Yes Z No	9. Did all samples arrive in the proper containers for each test?
Yes Z No	10. Did all container label information (ID, date, time) agree with COC?
Ves CINAL	11. Did all containers arrive in good condition (unbroken, lids on, etc.)?
Yes PI No []	12. Was adequate sample volume available?
Yes D No B	13. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
Yes I No E	14. Were any samples containers missing?
Yes D No Z	15. Were there any excess samples net listed on COC?
Yes I No.27 NA I	16. Were bubbles present >"pea-size" (%"or 6mm in diameter) in any VOA vials?
Yes ETTNOD INAD.	17. Were all metals/O&G/HEM/mar/ent samples received at a pH of <2?
Yes TINOTINA	18. Were all cyanide and/or sulfide samples received at a pH >12?
Yes D NOD NATI	<ol> <li>Were all applicable NH3/TKN/cyanide/phenol/BNA/pest/PCB/herb (&lt;0.2mg/L)samples free of residual chlorine?</li> </ol>
YES TINOTINATI	20. Were collection temperatures documented on the COC for NC samples?
- รู้การกระทรกระบบครั้งการกระบบครั้งสามารถสามารถสามารถสามารถสามารถสามารถสามารถสามารถสามารถสามารถสามารถสามารถสา	
	t be completed for any sample(s) incorrectly preserved or with headspace.)
Sample(s) accordingly in sample receiving	were received incorrectly preserved and were adjusted ag with(H ₂ SO ₄ , HNO ₅ , HCI, NaOH) with the SR # (number)
Semple(s)	were received with bubbles >6 mm in diameter.
Sample(s)	were received with TRC >0.2 mg/L for NH3/
TKN/cyanida/BNA/pest/PCB	
Corrective Action taken. If no Was client notified: Yes [ SESI employee: Comments:	Cessarv:     Did elient respond:     Yes     No       No     Date of response:

Shealy Environmental Services, Inc. 106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

Level 1 Report v2.1

# WELL LOGS – FORM 1903

D H E C	2600 B	Water Well Record Bureau of Water Ill Street, Columbia, SC 29201-1708; (803) 898-	<b>MW-1</b>
1. WELL OWNER INFORMATION: Name: John Conder Ltd.	Partnership	7. PERMIT NUMBER: Site ID - 28-04743	4300
(last) Address: 514 Walnut Street City: Camden State; 5		8. USE: ☐ Residential ☐ Public Supply ☐ Irrigation ☐ Air Conditioning ☐ Test Well XX Monitor Well	<ul> <li>Process</li> <li>Emergency</li> <li>Replacement</li> </ul>
Telephone: Work: 610.775.6406 2. LOCATION OF WELL: Name: Smith Road Site	Home: COUNTY: Kershaw	9. WELL DEPTH (completed)     Date Started: 4-10       39     ft.       Date Completed: 4-1       10. CASING: XXThreaded	1-11
Street Address: Hwy 601 & I- City: Lugoff Latitude: N 34 11' 53.6"Longitu	Zip:	in. to ft. depth Drive Shoe?	ft.
3. PUBLIC SYSTEM NAME:	PUBLIC SYSTEM NUMBER:	in. to         ft. depth           11. SCREEN: Type:         PVC           Diam.:         1 inch           Slot/Gauge:         0.010           Length:         5 ft	
4. ABANDONMENT: Yes	~	Set Between: ft. and ft. NOTE: ft. Set Between: ft. USESE	MULTIPLE SCREENS COND SHEET
Formation Description	ft. toft. *Thickness Depth to of Bottom of Stratum Stratum	Sieve Analysis  Yes (please enclose) No  12. STATIC WATER LEVEL ft. below la  13. PUMPING LEVEL Below Land Surface.	ind surface after 24 hours
See Geologist Logs		ft. after hrs. Pumping Pumping Test: ☐ Yes (please enclose) ☐ No Yield:  14. WATER QUALITY Chemical Analysis ☐ Yes ☐No Bacterial Analysis ☐ Please enclose lab results.	
		15. ARTIFICIAL FILTER (filter pack)       XXYes □ No         Installed from       32         Effective size       #2         Uniformity Coefficient         16. WELL GROUTED?         XXYes	
		Neat Cement XXXBentonite Bentonite/Cement Oth   Depth: From 0 ft. to      17. NEAREST SOURCE OF POSSIBLE CONTAMINATION:   Type   Well Disinfected Yes No    Amo	<b>32</b> ft. ft.
		18. PUMP:         Date installed:           Mfr. Name:            H.P         Volts           TYPE:         Submersible         Jet (shallow)           I Jet (deep)         Reciprocating         Center	Capacity gpm
		Concord, NC 28026	B C D (circle one)
*Indicate Water Bearing Zones (Use a 2nd sheet if needed) 5. REMARKS:		Telephone No.: 704.933.5538 Fax No.: 7 20. WATER WELL DRILLER'S CERTIFICATION: This well was driller my direction and this report is true to the best of my knowledge	
		Tenze. White fr.	ate: 4/20/11
6 TYPE: ☐ Mud Rotary ☐ Jett ☐ Dug ☐ Air ☐ Cable tool ☐ Oth	Rotary 🛛 Driven	If D Level Driller, provide supervising driller's name: Arlen Burney	

COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

D H E C	2600 Bi	Water Well Record MW-2 Bureau of Water Ill Street, Columbia, SC 29201-1708; (803) 898-4300
PROMOTE PROTECT PROSPER		
1. WELLOWNER INFORMATION: Name: John Conder Ltd.	Partnorchin	7. PERMIT NUMBER: Site ID - 28-04743
(last)	(first)	
Address: 514 Walnut Street	• •	8. USE:
City: Camden State: State:	SC Zip: 29020	□ Irrigation □ Air Conditioning □ Emergency □ Test Well ₩X Monitor Well □ Replacement
Telephone: Work: 610.775.6406	Home:	9. WELL DEPTH (completed) Date Started: 4-10-11
2. LOCATION OF WELL:		ft. Date Completed: 4-11-11
Name: Smith Road Site		10. CASING: XX Threaded U Welded
Street Address: Hwy 601 & I-2	20	Diam.:1 inch Height: Above Below [_]
City: Lugoff	Zip:	Type: XX PVC 🗖 Galvanized Surface ft.
-		□     Steel     □     Other     Weight     Weight       □     In. to     8     ft. depth     Drive Shoe?     □     Yes     No
Latitude:N 34 11' 42.3"Longitu		in. to ft. depth
3. PUBLIC SYSTEM NAME:	PUBLIC SYSTEM NUMBER:	11. SCREEN: PVC Diam. 1 inch
/		Slot/Gauge: 0.010
4. ABANDONMENT: 12 Yes	~	Set Between:         8         ft. and         13         ft.         NOTE: MULTIPLE SCREENS          ft. and        ft.         USE SECOND SHEET        ft.         USE SECOND SHEET
Grouted Depth: from		Sieve Analysis 🗖 Yes (please enclose) 🗍 No
Formation Description	*Thickness Depth to ' of Bottom of	12. STATIC WATER LEVEL ft, below land surface after 24 hours
	Stratum Stratum	13. PUMPING LEVEL Below Land Surface.
See Geologist Logs		Pumping Test:
		14. WATER QUALITY Chemical Analysis □ Yes □No Bacterial Analysis □ Yes □ No
		Please enclose lab results.
		15. ARTIFICIAL FILTER (filter pack) XX Yes □ No
-		Installed from         6         ft. to         13         ft.           Effective size         #2         Uniformity Coefficient
		16. WELL GROUTED?
		□ Neat Cement XXX3entonite □ Bentonite/Cement □ Other Depth: From0 ft. to6 ft.
		17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ft direction
		Well Disinfected Types Vice Amount:
		18. PUMP: Date installed: Not installed
		Mfr. Name: Model No.:
		H.P Volts Length of drop pipe ft. Capacity gpm
		TYPE: 🖸 Submersible 🔲 Jet (shailow) 🔲 Turbine
		☐ Jet (deep)
		19. WELL DRILLER: Terry White CERT. NO.: 1810
		Address: (Print) POBox 1369 Level: A B C D (circle one)
		Concord, NC 28026
*Indicate Water Bearing Zones		Telephone No.: 704.933.5538 Fax No.: 704.933.5539
(lipp o find sheet if readed)		20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under
(Use a 2nd sheet if needed)		my direction and this report is true to the best of my knowledge and belief.
5. REMARKS:		
		Tenge. White for
		Date: 4/20/11
6. TYPE: I Mud Rotary Jett	34	If D Level Driller, provide supervising driller's name:
Cable tool	•	Arlen Burney

D H E C	2600 Bu	Water Well Record Bureau of Water Ill Street, Columbia, SC 29201-1708; (803) 898	<b>MW-3</b> 3-4300
1. WELLOWNER INFORMATION: Name: John Conder Ltd. (last)	Partnership (first)	7. PERMIT NUMBER: Site ID - 28-04743	
Address: 514 Walnut Street City: Camden State:	SC zip: 29020	8. USE:       □ Residential       □ Public Supply         □ Irrigation       □ Air Conditioning         □ Test Well       XX Monitor Well         9. WELL DEPTH (completed)       Date Started:	Replacement
Name: Smith Road Site Street Address: Hwy 601 & I-	COUNTY: Kershaw 20	23 ft. Date Completed: 4- 10. CASING: XX Threaded	11-11
City: Lugoff Latitude: N 34 11' 39.0"Longitu	Zip: ide: <b>W 80 43' 0.2''</b>		lb./ft.
3. PUBLIC SYSTEM NAME:		11. SCREEN:         PVC         Diam.:         1 inch           Type:         0.010         Length:         5 ft           Slot/Gauge:         18         ft, and         23         ft.         NOTE	
4. ABANDONMENT: 🗹 Yes ~			: MULTIPLE SCREENS
Grouted Depth: from	_ ft. to ft. *Thickness Depth to	Sieve Analysis	land surface after 24 hours
Formation Description	of Bottom of Stratum Stratum	13. PUMPING LEVEL Below Land Surface.     ft. after hrs. Pumping	
See Geologist Logs		Pumping Test:	
		15. ARTIFICIAL FILTER (filter pack)       XX Yes       □ No         Installed from       16       ft. to         Effective size       #2       Uniformity Coefficier	<b>23</b> ft.
		16. WELL GROUTED? KXXYes ☐ No ☐ Neat Cement XXXBentonite ☐ Bentonite/Cement ☐ C Depth: From0_ft. to	
		17. NEAREST SOURCE OF POSSIBLE CONTAMINATION:         Type         Type         Well Disinfected       Yes         No       Type:         Ar	
			Capacity gpm urbine entrifugal
		Address: (Print) P O Box 1369 Level: A Concord, NC 28026	b.: <b>1810</b> B C D (circle one) $\Box \Box XX$
*Indicate Water Bearing Zones		20. WATER WELL DRILLER'S CERTIFICATION: This well was dri	
(Use a 2nd sheet if needed) 5. REMARKS:		my direction and this report is true to the best of my knowled Tenz R. White Jr.	ge and belief. Date: 4/20/11
6. TYPE:  Mud Rotary  Jet Dug  Air Cable tool  Oth	Rotary 🕅 Driven	If D Level Driller, provide supervising driller's name: Arlen Burney	

D H E C	2600 BL	Water Well Record MW-4 Bureau of Water Ill Street, Columbia, SC 29201-1708; (803) 898-4300
PROMOTE PROTECT PROSPER           1. WELL OWNER INFORMATION:           Name:         John Conder Ltd.	Partnership	7. PERMIT NUMBER: Site ID - 28-04743
(last) Address: 514 Walnut Street City: Camden State: \$		8. USE:       Image: Constraint of the second
Name: Smith Road Site	COUNTY: Kershaw	9. WELL DEPTH (completed) Date Started: 4-10-11          13       ft.       Date Completed: 4-11-11         10. CASING: XX Threaded       Welded
Street Address: Hwy 601 & I- City: Lugoff Latitude: N 34 11' 38.3"Longitu	Zip:	Diam.:         1 inch         Height: Above Below           Type:         XX PVC         Galvanized         Surface           Steel         Other         Weight         Model           0         in. to         8         ft. depth          in. to         ft. depth         Drive Shoe?         Yes
3. PUBLIC SYSTEM NAME:	PUBLIC SYSTEM NUMBER:	
4. ABANDONMENT: La Yes		Slot/Gauge:         U.U10         Length:         5 ft           Set Between:         8         ft. and         13         ft.         NOTE: MULTIPLE SCREENS          ft, and        ft.         USE SECOND SHEET        ft.         USE SECOND SHEET
Grouted Depth: from Formation Description	ft. toft. *Thickness Depth to of Bottom of	Sieve Analysis  Yes (please enclose)  No  No  12. STATIC WATER LEVEL ft. below land surface after 24 hourse
See Geologist Logs	Stratum Stratum	13. PUMPING LEVEL Below Land Surface.
		Yield:
		15. ARTIFICIAL FILTER (filter pack)       XX Yes □ No         Installed from       6         ft. to       13         Effective size       #2         Uniformity Coefficient
		16. WELL GROUTED?     ★★★     No       □ Neat Cement     ★★★     ★★       Depth:     From     0     ft. to
		17. NEAREST SOURCE OF POSSIBLE CONTAMINATION:       ft.       direction         Type
		18. PUMP: Date installed:
		19. WELL DRILLER: Terry White CERT. NO.: 1810 Address: (Print) P O Box 1369 Concord, NC 28026
*Indicate Water Bearing Zones		Telephone No.:         704.933.5538         Fax No.:         704.933.5539           20.         WATER WELL DRILLER'S CERTIFICATION: This well was drilled under
(Use a 2nd sheet if needed) 5. REMARKS:		my direction and this report is true to the best of my knowledge and belief. Tang L. White $f_{L}$ Date: 4/20/11
6. TYPE:  Mud Rotary Jett Dug Air Cable tool Oth	Rotary 🕅 Driven	If D Level Driller, provide supervising driller's name: Arlen Burney

COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

SCDHEC TEMPORARY WELL PERMIT



South Carolina Department of Health and Environmental Control Temporary Monitoring Well Approval

Approval is hereby granted to: on behalf of: Facility: Site Identification: County: Tom Behnke, PG/ S&ME, Inc John Conder/ John Conder Ltd. Partnership Smith Rd (S-28-369) 28-04743 Kershaw

This approval is for the installation of 4 temporary groundwater-monitoring wells. The temporary wells are to be installed in the locations as illustrated on the submitted map and per the proposed construction details provided by your correspondence dated 4/6/11. The temporary wells are to be installed following all of the applicable requirements of R.61-71.

## Please note that R.61-71 requires the following:

- 1. All wells shall be drilled, constructed, and abandoned by a South Carolina certified well driller per R.61-71.D.1.
- 2. A Water Well Record Form or other form provided or approved by the Department shall be completed and submitted to the Department within 30 days after well completion or abandonment unless the Department has approved another schedule. The form should contain the "as-built" construction details and all other information required by R.61-71.H.1.f
- 3. All analytical data and water levels obtained from each monitoring well shall be submitted to the Department within 30 days of receipt of laboratory results unless another schedule has been approved by the Department as required by R.61-71.H.1.d.
- 4. All temporary monitoring wells shall be abandoned within 5 days of borehole completion using appropriate methods as required by R.61-71.H.4.c.
- 5. If any of the information provided to the Department changes, Jonathan McInnis (803 896-4061, mcinnijg@dhec.sc.gov) shall be notified a minimum of twenty-four hours prior to well construction as required by R.61-71.H.1.a.

This approval is pursuant to the provisions of Section 44-55-40 of the 1976 South Carolina Code of Laws and R.61-71 of the South Carolina Well Standards and Regulations, dated April 26, 2002.

Date of Issuance: 4/6/11

Approval #: 4161

Jonathan G. McInnis, Program Manager Federal & State Site Assessment Site Assessment Remediation & Revitalization Division Bureau of Land & Waste Management



South Carolina Department of Health and Environmental Control

April 6, 2011

John Conder John Conder Ltd. Partnership 514 Walnut St Camden, SC 29020

Re: Temporary Monitoring Well Approval Request received 4/6/11 Kershaw County Site ID: 28-04743

Dear Mr. Conder :

The South Carolina Department of Health and Environmental Control (SCDHEC) has reviewed and approved the referenced temporary monitoring well approval request submitted 4/6/11. The original temporary monitoring well approval has been sent to Tom Behnke, PG/ S&ME, Inc. and a copy is enclosed for your records. The analytical results from the groundwater samples should be submitted to my attention on or before 6/6/11. Please note the following:

- Well construction and sampling derived waste including but not limited to drill cuttings, drilling fluids, and development/purge water should be managed properly and in compliance with applicable requirements. If containerized, each vessel should be clearly labeled with regards to contents, source, and date of activity.
- Monitoring wells are to yield groundwater samples representative of the zone monitored per R.61-71 H.1.c of the South Carolina Well Standards and Regulations (e.g. low flow sampling techniques are recommended for samples to be analyzed for metals to reduce induced turbidity).
- ➤ If this investigation is conducted as part of a potential real estate transaction, the potential purchaser may want to contact SCDHEC's Brownfields Program before this work is performed. The Brownfields Program offers a mechanism to avoid liability for contamination that may be found during this investigation. The investigation proposed may satisfy part or all of the required assessment if pre-approved by the Brownfields Program. The Brownfields Program may be reached at 1-866-576-3432.

If you have any questions, please contact me at (803) 896-4061.

Sincerely,

Jonathar G. McInnis, Program Manager Federal & State Site Assessment Section

- enc: Monitor well approval
- cc: SCDHEC EQC Region Tom Behnke, PG/ S&ME, Inc 134 Suber Rd., Columbia, SC 29210



indicated that the metal objects appeared to be in a severely deteriorated condition. In order to determine whether or not the metal objects contain and/or have led to the release of hazardous substances, pollutants, or contaminants; additional sampling was conducted.

On September 5, 2007 EPA and START personnel returned to the Site to conduct sampling activities in an attempt to identify a release of any hazardous substances at the Site. Upon arrival at the Site, START conducted a radiation survey with a Ludlum radiation meter. None of the values exceeding background readings for the Site. Additionally, a Toxic Vapor Analyzer (TVA)- 1000 equipped with a combination photoionization (PID) flame ionization (FID) detector was used to screen the Site for organic vapor concentrations. None of the readings exceeded background levels. Soil and groundwater samples were collected from the Site in order to quantify and document releases to the environment and to collect any evidence indicating the potential contents of the buried drums.

The two permanent wells were original targeted for sampling, but the water level indicator showed that the well adjacent to Building #1 had approximately 1 foot of muddy water in it, an insufficient volume to perform the necessary purging. Two subsurface soil samples and one duplicate were collected in the vicinity of the buried drums based on the results of the geophysical survey, visible staining and PID/FID readings.

Analytical results from the groundwater sample indicate that aluminum, chromium, nickel, iron and potassium were detected above the Method Detection Limit. However, none of the results were above the Region 9 PRGs for direct contact exposure with tap water. Analytical results for the subsurface soil samples indicate that 15 metals, 7 pesticides, 3 SVOCs, and 7 VOCs were detected in one or more of the soil samples. Arsenic concentrations ranged from 2.3 mg/kg to 3.3 mg/kg.

### **Planned Removal Actions**

RECOMMENDATION

Based on the removal site evaluation, the Wateree Chemical Site should be assigned a no further action for conducting a time-critical removal action. Site conditions do not meet the requirements for initiating a time-critical removal action according to criteria listed in Section 300.415 (b)(2) of the NCP. The site does not pose an immediate threat to the public health or welfare or the environment because of the following:

Soil exposure pathway: There are no occurrences of soil contamination on the surface or in the subsurface, in excess of the Removal Action Levels.

Surface water migration pathway: One surface water and three sediment samples were collected from the unnamed tributary east of the Site. Two sediment samples contained heavy metals and volatile organic compounds at concentrations more than three times background, but none exceeding EPA Region 9 PRGs.

Groundwater migration pathway: Although two groundwater samples did exceed MCLs for lead, the site is located in an area where the nearby population utilizes drinking water from the municipal water supply. Additional sampling conducted at a later date using the proper purging techniques did not indicate any contaminants above MCLs.

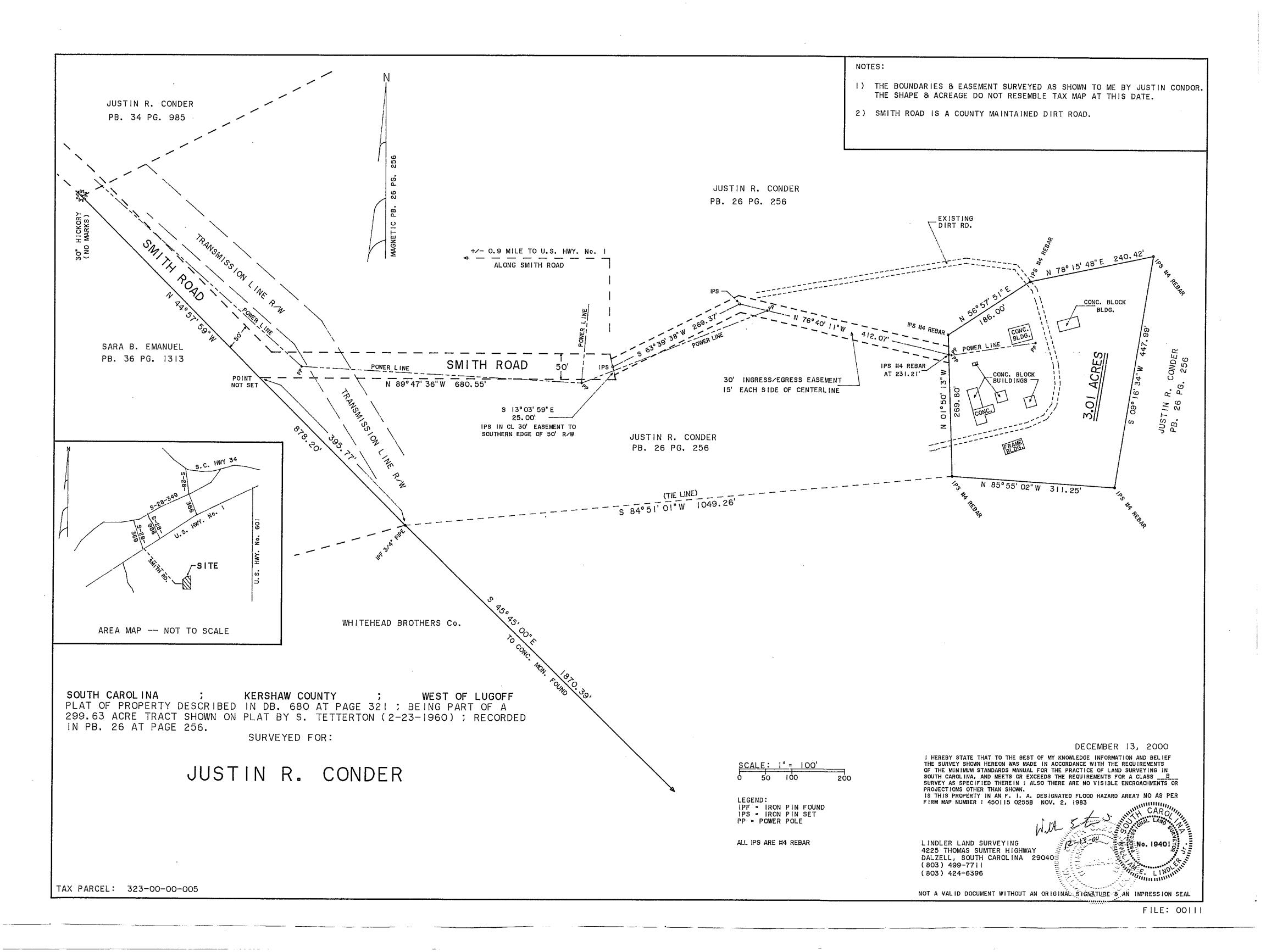
Air migration pathway: The air migration pathway does not pose a threat at the Site due to its remote location and limited number of residents within 0.5 miles of the facility.

The investigations conducted as part of this RSE attempted to evaluate the conditions at the Site in order to identify the applicability of the criteria stated in Section 300.415(b)(2) of the NCP. Although trace levels of contaminants were identified in the vicinity of the unidentified metal objects in the subsurface, none of the values are above Removal Action Levels. This evidence, in addition to the lack of exposure pathways, leads to the conclusion that the Site should be assigned a no further action for removal activities.

### **Next Steps**

In the event that the property encompassing the Site transitions into residential use, the need for CERCLA activity may want to be reevaluated.

web sites regional web sites profile bulletins images documents POLREPs contacts links



WATEREE CHEMICAL COMPANY

SITE SCREENING INVESTIGATION KERSHAW COUNTY SCD 987 566 122

Date Completed: September 27, 1993

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Wateree Chemical Company SCD 987 566 122 Page 1

1. INTRODUCTION/EXECUTIVE SUMMARY

The Old Wateree Chemical Company site in Kershaw County, South Carolina is the former location of a chemical manufacturing plant in operation from 1964 until 1976. Wateree Chemical manufactured a variety of chemicals for sale to schools, companies, and foreign countries. Wastes from the chemical operations were treated and then discharged to a sandhill and pit for percolation into the soil. The chemical company ceased operations in 1976, and numerous other companies leased the facility. In the late 1980's, Polymer Equipment Cleaning (PEC) was contracted by Mack Trucks, Inc. to clean automotive equipment using high pressure water. PEC was issued a permit to operate a septic tank and tille field system to handle wastewater. Currently the site is abandoned.

During the site recompaissance, areas of stained soil were observed around all five buildings. Fifty-five gallon drums, paint cans, and bottles were scattered throughout the property. Since then, Laidlaw Environmental Services has been contracted by the property owner, Carolina Continental Insurance, to remove the containers of waste. Heavy metal and semi-volatile contamination was detected in soil and a groundwater sample on-site. One of the two septic tanks used in PECs deaming operations was sampled and found to have a flashpoint of 120° F. No contamination above background levels was detected in the downgradient surface water and sediment samples.

Within four miles of the Old Wateree Chemical site, approximately 3,788 people are served by groundwater as a source of drinking water; however, the nearest well is located 1600 feet from the site. Extensive freshwater wetlands exist within 15 miles downgradient of the site. Taking into account the dilution factors for flow in Gillies Creek and the Wateree River, the potential for impact to surface water targets is minimal. No surface water intakes for drinking water are located within the 15 mile downstream distance. Potential air and soil puthway targets are minimal due to the small neighboring population. Bacd on results from the Site Sereening Investigation, the Old Wateree Chemical Company is given a low priority for further action under the Federal Superfund Program.

Wateree Chemical Company SCD 987 566 122 Page 3

Present Operator:

None (Ref. 5, 7).

### B. Site Description

Wateree Chemical Company is located off a dirt road in Kershaw County that runs 0.75 miles south of the intersection of U.S. Highway 1 and Secondary Road 369. The site is geographically positioned at 34 degrees, 12 minutes, 2.5 seconds north latitude and 080 degrees, 43 minutes, and 08.5 seconds west longitude (Ref. 1).

The area surrounding the site is predominantly rural. The 3 acre site is located between the Towns of Lugoff and Eigin. The nearest residence is located approximately 1,600 feet north of the site along the dirt access road (Ref. 1).

The facility consists of five concrete block buildings, two concrete pads, a metal shed, two wells, and a septic tank (See Appendix A). Building #, which appeared to have been a garage, is located on the south side of the property. Stained soil was observed around the concrete pad adjacent to the building. Fourteen drums, bottles, and twenty-seven (27) 5 gallon paint cans were scattered in this area. A two foot diameter well was located south of the concrete pad. Storage building #2 contained many paint cans and a few rasy drums. Building #2 and building #3 had floor drain pipes along the sides that appeared to flow onto the ground. Building #5 was an old office building with an adjacent concrete pad. The pad and soils were stained in this area. Drainage from the pad appeared to flow onto the ground and then into a manole "sever" connected to a septic tank. A two inch diameter well is located behind a small building cust of the office. Drums, paint cans, and debris are scattered throughout the property (Ref. 7, appendix A).

C. Regulatory History/RCRA Summary

Wateree Chemical Company was issued a permit to construct two no-discharge surface water disposal systems. Permit No. 2327 was issued on September 27, 1972 by the South Carolina Pollution Control Anthority for distribution boxes, pipe distributors, and a spillage catch tank (Ref. 8). A memorandum from Wateree Chemical makes reference to a sandhill and pit for waste disposal (Ref. 11). A 1983 DHEC inspection found an old 8' x 8' treatment pit behind building #1 (Ref. 35).

The South Carolina Department of Health and Euvironmental Control issued a construction permit to Polymer Equipment Cleaning on August 25, 1988. The permit allowed for limited quantities of vastowater from equipment cleaning operations to be disposed through a septic tank system. The permit was in accordance with an approved plan

### Wateree Chemical Company SCD 987 566 122 Page 4

by Palmer and Mallard which included a 1,000 gallon grease trap, a 1,000 septic tank, and a 250 foot drain tile (Ref. 9, 10).

Wateree Chemical Company ceased operations at this facility prior to the inception of RCRA regulations; therefore, Wateree Chemical Company was never permitted to treat, store, or dispose of hazardous waste on-site. Also, Wateree Chemical was never issued an NPDES permit.

### D, Process and Waste Disposal History

Wateree Chemical Company began operating at the Lugoff site in the early 1960's as a chemical manufacturer for universities, large chemical companies, and foreign countries (Ref. 11). According to Mr. Wannamaker, a wide variety of "unusual or unavailable" compounds were produced. Major products included carboxylic acids, organohalides, organomitrites and organosulfur compounds, and other products including amines, ethers, and hydrocarbons (Ref. 11, 12).

Waste from the chemical manufacturing and cooling water was discharged on the side of a sand hill and allowed to percolate through the soil. A waste pit was located at the base of the hill (Ref. 11). Prior to discharge, chemicals were oxidized (using chromic acid, peroxides, or sodium cyanide) or diluted (Ref. 11, 12). Mercury sulfate and potassium dichromate were added to determine COD, and according to Mr. Wannamaker, "one actually pollutes to determine the degree of pollution" (Ref. 12). After the site was abandoned, Mr. Capers Dixon of SCDHEC inspected the facility. On May 5, 1979, and in 1983, many 55 gailon drams and glass containers of chemicals still remained on-site. Strong chemical odors and arcus of possible buried waste were noted (Ref. 13).

During the late 1980's, Polymer Equipment Cleaning (PEC) leased the property from Carolina Continental, PEC was under a contract with Mack Trucks to remove oil and paint coated equipment used in automobile assembly lines. PEC used high pressure water to wash equipment on one of the concrete slabs. Runoff accumulated in a ditch that discharged directly to the ground (Ref. 9). In 1988, PEC was permitted by DHEC to install two 1,000 gallon oil and water separators (Ref. 10). Water would drain from a new, enclosed concrete slab to a sloped trench with a filtering screen. The screen was devised to catch paint chips which after accumulation, were to be taken to a county landfill. The effittent would enter an 1,000 gallon grease trap then an 1,000 gallon septic tank before discharging to a 250 front tile field (Ref. 9). The enclosed concrete slab and filtering screen was not obscreed during the 1991 CERCLA site inspection; however, the septie tank was present.

Wateree Chemical Company SCD 987 566 122 Page 6

A surface soil sample, WC-SS-02, was collected between the concrete storage pad and the garage (building #1). The sample consisted of sand mixed with paint chips and was collected from a depth of up to 3 inches (Ref. 17).

A surface soil sample, WC-SS-03, was collected from below a pvc discharge pipe downgradient of a small waste pile (drums, bottles, and debris) at building #1. The sample consisted of sandy soil mixed with reddish clay. The sample was collected at a depth of 0 to 5 inches (Ref. 17).

A surface soil sample, WC-SS-04, was collected between a large pit at the southeast end of the site and the circle driveway. The sandy soil was stained with a black substance. The sample was collected from a depth of 0-3 inches (Ref. 17).

A surface soil sample, WC-SS-05, was collected from a wash basin and runoff ditch leading from building #4. The sample was collected from a depth of 0 to 3 inches (Ref. 17).

A surface soil sample, WC-SS-06, was collected from between the concrete pad and the manhole cover near the office (building #3). The sandy soil contained some red clay and was mixed with paint and shingle chips near the surface. The sample was collected from a depth of 0 to 6 inches (Ref. 17).

A background surface water sample, WC-SW-07, was collected from the stream located 200 yards southeast of the facility. The sample was collected 50 yards upstream from possible runoff from the site and consisted of clear liquid. A background sediment sample, WC-SD-07, was collected from this same location. The sample consisted of fine grained white sand and was collected from a depth of 9 inches (Ref. 17).

A surface water sample, WC-SW-08, was collected approximately 75 yards downstream of the facility. The water sample appeared clear. A sediment sample, WC-SD-08, was collected from the same location and consisted of fine white sand. The sample was collected from a depth of 8 inches (Ref. 17).

A waste sample, WC-WA-09, was collected from the manhole labeled "sewer" near building #5. The sample consisted of a cloudy grey liquid mixed with grit (Ref. 17).

A background private well sample, WC-PW-10, was collected from Mr, Albert Branham's residence at 536 Smith Road approximately 0.50 miles from the site. WC-PW-11 was a bailed sample collected from the on-site well near the garage (building #1). Sample WC-PW-12 was eliminated because the diameter of the casing of the other on-site well was too small to be sampled (Ref. 18, 19). Wateree Chemical Company SCD 987 566 122 Page 5

### E. Removal/Remedial Actions

Mr. Leon Goodall of Carolina Continental contracted Laidlaw Environmental Sorvices to visibly clean up the Old Wateree Chemical property. The old drums, paint cans, and other wastes were stored in one of the buildings on-site. Some materials were placed in over-packed drums, Fourteen (14) 55 gallon drums, twenty-seven (27) 5 gallon cans, and one hundred and nineteen (119) cans and bottles were inventoried. The clean-up took place after the February 27, 1991 site reconnaissance. Mr. Goodall stated that off-site removal of the waste was included in his contract with Laidlaw; however, as of August 12, 1991, the waste had not been removed (Ref. 14, 15).

### III, FIELD INVESTIGATIONS

#### A. CERCLA Inspection Activities

A periphery hydrogeologic inspection was conducted by Judy Canova, Gerald Shealy, and Chuck Arnold of SCDHEC on February 27, 1991. This was conducted in order to identify local groundwater use and to generally identify the shallow geologic units. This information was determined by reviewing literature and completing a near-site soil boring (Ref. 6).

A site reconnaissance was performed on February 27, 1991, by Susan Snook, Judy Canova, Chuck Arnold, and Gerald Shealy of SCDHEC. Mr. Earl Watts, a local resident, provided additional information during the site tour, SCDHEC personnel videotaped the area and possible sources of contamination (Ref. 7).

Samples were collected on March 19, 1991 by Gerald Shealy and Chuck Arnold of DHEC Waste Assessment and Carl Adams and Buck Corley from DHEC Emergency Response. The weather was clear and cool with temperatures around 50° F. Sampling activities were conducted in Level D protection. The collected samples were refrigerated and transported to DHEC's Central Laboratory at State Park. All samples were analyzed for chemicals found in the BPA Target Compound List with the exception of pesticides and herbicides (Ref. 17).

### B. Sample Types

A background surface soil sample, WC-SS-01 was collected 25 yards northwest of a light pole designated as CA-93 and 40 yards from the split in the circle driveway. The sample consisted of brownish grey, yellow, and black sandy soil. The sample was collected from a depth of 8-10 inches (Ref. 17).

Wateree Chemical Company SCD 987 566 122 Page 7

### C. Analytical Results

Laboratory analysis of soil and groundwater samples collected at the Old Wateree Chemical Company revealed heavy metals and semi-volatiles as shown in Table I. Background sample WC-SS-01 detected no organics and metals that are consistent with natural levels. Semi-volatile compounds were only detected in two samples, WC-SS-02 and WC-SS-04. Sample WC-SS-02, collected near a concrete pad at building #1, contained aceasphtene (5.710 ppm), fluorene (4.800 ppm), naphthalene (10.200 ppm), phenaathrene (3.590 ppm), 2-methyl naphthalene (4.200), and ibberzofuran (7.800 above 3X background levels. Sample WC-SS-04, collected from an on-site pit, contained 4-chloro-3 methyl phenol (.987) above 3X the background level (Ref, 20).

Chromium, copper, magnesium, lead, and zine were above 3X background levels in samples WC-SS-02, WC-SS-03, WC-SS-04, WC-SS-05, Aluminum was the only contaminant detected above 3X background in sample WC-SS-06. Barium was detected greater than 3X the background in samples WC-SS-02, WC-SS-04, and WC-SS-05. Sample WC-SS-04 contained elevated levels of cobait and vancdium. Molybednum was detected above 3X background in samples WC-SS-02, WC-SS-04. Mercury was detected above 3X background only in sample WC-SS-02 and WC-SS-04. Mercury was detected above 3X the background only in sample WC-SS-03 no contaminants were detected above background levels in the surface water or sediment samples. No volatiles or semi-volatiles were detected in Sample WC-WA-09, collected from the manhole; however, it was unable to be analyzed for metals due to the low 120° flashpoint (Ref. 20).

No contaminants were ascertained above the minimum detection limits in the background groundwater sample WC-PW-10. Cadmium, chromium, and lead were detected above drinking water standards in WC-PW-11. Numerous volatile organic compounds detected in sample WC-PW-11 are listed in Table I (Ref. 19).

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	WC-IS-81				(17)	<5.D	91.			×1.5	¢1.0	6.0	42.0	42,D	<5.0	45.0	022			GUI>		
	PARAMUTTRS (ppm)				Aluction		Detrining	Coleman	CODAIC	Cbrowium	Copper	Manganete	Molytadanam	Nexel	Lead	A stituture	Lucrative .	Allaport v	Zinc	Nercury		

440

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Wateree Chemical Company SCD 987 566 122 Page 10

GROUNDWATER PATHWAY ΓV.

A. Regional Hydrogeology

Underlying the Wateree Chemical site are the following geologic units: the Middendorf/Saprolite and the Bedrock. The Middendorf/Saprolite is composed of medium to coarse grained sand with clay lenses and occurs from the ground surface to 100 feet. Laminated phyllite makes up the bedrock found below the Middendorf/Saprolite (Ref. 21).

The aquifer of concern includes the interconnecting Middendorf/Saprolite and Bedrock. No known confining layer exists between these units. The depth to groundwater is estimated between 10 and 20 feet. Predominant flow direction of the groundwater is east toward an unnamed stream in the Saprolite/Middendorf (Ref. 1). Groundwater flow direction in the bedrock fractures is unknown. The hydraulic conductivity of the Middendorf/Saprolite is estimated between  $10^3$  to  $10^3$  cm/sac. The site is not in an area of karst topography (Ref. 21). The net precipitation for this area in South Carolina is between 15 and 30 inches per year (Ref. 22).

B. Groundwater Use

A large number of the people living within a four mile radius of the Old Wateree Chemical Company are supplied water from the Lugoff Water District or the Town of Elgin Water District. According to Mr. Harold Cassidy, Lugoff Water District is supplied by a surface water intake and 4 public supply wells which are located within the four mile radius. Well #4 is located 1.5 miles northeast, well #5 is located 2.5 miles north-northeast, and well #6 is located 3.5 miles northeast of the site (Ref. 1, 23). Lugoff supplies to approximately 1,859 residential taps (Ref. 24).

Lugoff's surface water intake is used for 100% of the water supply in the winter months. According to Mr. Randy Bowers of Lugoff's Water Filtration Plant, the wells are used only for the hot and dry summer months. During periods of high water demand, all four wells may be used simultaneously. It is possible for the well water to be mixed with the surface water in the storage tanks (Ref. 25). Based on this information, the maximum use of the wells could be 100% during June, July, and August. It is therefore assumed that a maximum of 25% of the annual water use originates from the 4 groundwater wells and 75% originates from the surface water intake. Table 2 depicts this information.

The Town of Elgin receives its water supply from 8 groundwater wells (two of which are located within the four mile radius). Well #KER 141 is located 3.3 miles south-southwest of the site, and Well #KER 252 is located 3.5 miles southwest of the site. Elgin supplies an approximate 1,167 residential taps (Ref. 24, 21).

PARAMETERS (ppm)	WC-SS-01	WCSEAR	WCSS-03	WCSS-04	WCSS-05	WCSS-06	WCPW-40 Background (ug/l)	WC.PW-11 (ug/l)
							<4.0	<4.0
Naphihalanu	DX. >	144-01			•		<4.0	<4.0
Phenamhrone	<.N0	3.590						411
2-Methy: Naphthalene	005.5	43.600	,			-	<4.0	n+>
Diseasefinte	200	7.800	•	•	•		64.0	<4.0
A Chioro-3-Methyl	DOE >	90E.>		£967		•	<4.0	4.0
Phenol							410	135
Chlordene			,		•		)	
		•	•	•	•	-	<20	57
Bestone				-			<20	10.2
1,1Dichloroethane					,	•	<70	201
1,1 Dichlorocthene	,		•	·				140
Devil Demonst				•	•	•	<2.0	100
TXUM DOUXOUC					•	•	<2.0	15.1

DETECTION 0ELOW

LIMITS

Wateree Chemical Company SCD 987 566 122 Page 11

Cont RESULTS.

Assuming the homes not on public water draw groundwater from private wells, Table 2 depicts the population served by wells for given distances from the site. The number of people per household in Kershaw County is 2.73, according to the 1990 U.S. Bureau of the Census (Ref. 1, 26). The nearest private groundwater well is approximately 1600 feet northwest of the site; however, file information indicates that the on-site well was used as a source of drinking water (Ref. 1, 21). Mr. John Oxner of the Cienson Extension Service was not aware of any groundwater irrigation within four miles of the site (Ref. 27).

Approximated Public and Private Groundwater Use Within the 4 Mile Radius TABLE II;

	POPULATI		
RADIL	PRIVATE	PUBLIC	TOTAL
0 - 1/4	0	0	0
1/4 - 1/2	8	0	8
1/2 - 1	14	0	14
1.2	238	317 ¹	\$55
2 - 3	541	634 ²	1175
3 - 4	923	11133	2036
		TOTAL;	3788

This restituten number of well users for Logal is calculated by asseming 25% of the annual water supply objects from geometry and the state of the

Two of the wells assumed to supply 317 people are within the 2-3 mile radius. 2

The approximate sumber of people sarylised by Lugal's well (J17) was added to the number of people supplied by Elgin's two wells in the 3-4 wills nuffin. Elgin's 1,167 residential tops supply as approximate 3,155 people; therefore, it is assumed that each of the rew wells apply 399 people.

### C. Groundwater Impact

3

Based on the sample data from WC-PW-11, groundwater on-site has been impacted by heavy metals and volatile organics above drinking water standards (See Table 1). This well was once used as a source of drinking water for employees of the Wateree Chemical Company. A sample from a nearby private well, WC-PW-12, does not appear to have been impacted by activities from the site (Ref. 17).

E I: Soil and Groundwater Results Above 3x Background Levels

TABLE I:

#### V. SURFACE WATER PATHWAY

#### A. Regional Characteristics

The Old Wateree Chemical Company site is located on solis classified as Alley sand. This soil type is characterized by slow runoff, low erosion potential, slow permeability, and low available water capacity. Alley sand is well drained and not considered characteristic of flooding; however, the downgradient drainage areas consisting of Chewaela loam are poorly drained and typical of Pleidmont and Central Plain flood areas. The upgradient drainage area consist of Alpin sand with slow runoff, low erosion potential, and rapid permeability (Ref. 28). The site is not located in a flood plain (Ref. 29).

The abandoned facility is located approximately 500 feet west of an unnamed tributary which flows approximately 0.75 miles to Gillies Creek. Gillies Creek flows approximately 2.75 miles and branches into a series of canalis that meander through the Betty Neck Swamp to the Wateree River. The Wateree River flows the remainder of the 15 mile critical distance limit (Ref. 1). One branch of Gillies Creek flows approximately 2.57 miles to the Wateree River. The Wateree River flows the remainder of the 15 miles to the Wateree River. Another branch flows through the Betty Neck Swamp approximately 4 miles to a take and then .5 miles to the Wateree River (Ref. 1). According to maps by the Army Corp of Engineers, Gillies Creek or the Wateree River near the site. Wateree's gaging station near Camden fluctuates from <1,000 to >10,000 cfs due to releases from the Wateree Hydroelectric Plant (Ref. 30). The two year-24 hour rainfall estimate for Kershaw County is 3.65 inches (Ref. 31).

#### B. Surface Water Use

No surface water intakes for drinking water or irrigation of food and forage crops are known within 15 miles downstream of the site (Ref. 32, 27). The Waterce River is commonly used for recreational boating, swimming, and fishing (Ref. 27). Extensive freshwater wellands occur 1.5 mile downgradient of the site for the remainder of the 15 mile downstream limit. Greater than 20 miles of freshwater wellands border Gillies Creek and the Waterce River. Approximately 18 miles of wetlands are located downgradient along Gillies Creek (Ref. 1).

C. Surface Water Impact

Surface water and sediment samples taken from the unnamed tributary downgradient of the site did not detect contamination above background levels (Ref. 20). It is likely, however, that contaminants were discharged to the stream during the operations of the chemical company. It is also possible that contaminants from the groundwater may

Wateree Chemical Company SCD 987 566 122 Page 14

VIII. CONCLUSION AND RECOMMENDATIONS

Wateree Chemical Company owned and operated a chemical manufacturing company from 1964 until 1972. The property was sold to Leon Goodall of Carolina Continental Insurance in 1972, and Wateree Chemical continued operating at the facility until 1976. A wide range of chemicals were manufactured in various quantities. Wastes and cooling water was oxidized or diluted and then discharged on a sandhill for percolation into the soil. In the late 1980's Polymer Equipment Cleaning operated an automotive part washing system for Mack Trucks, Inc. Currently the site is abandoned. Soil samples and a groundwater sample on-site detected contamination from heavy metals, semi-volatiles, and volatiles. The underground tank was unable to be analyzed for metals due to the low 120° F flashpoint.

It is estimated that approximately 3,788 people use groundwater within a four mile radius of the site. No surface water intakes for drinking water are located within 15 miles downstream of the site. Preshwater wellands incorporate a majority of the downstream area, and a state threatened species, the Pine Barrens treefrog, is located nearby. The high flow in downstream waters should lessen any impact due to expected dilution.

Due to the low number of potential targets for the groundwater, air, and soil exposure pathways, the Old Wateree Chemical Company is given a low priority for further action under the Federal Superfund Program. Further investigation of the site by potentially responsible parties is recommended. This investigation should include test borings and the installation of groundwater monitoring wells. Also, geophysical methods should be used to locate possible buried waste and a pit previously reported on-site.

#### Wateree Chemical Company SCD 987 566 122 Page 13

discharge to surface water. Table III shows a summary of surface water and sediment analysis.

TABLE 111: S	UMMARY OF S	URFACE WATE	R AND SEDIMI	NT DATA
PARAMETERS METALS (mg/kg)	WC-SW-07	WC-SW-08	WC-SD-07	WC-SD-08
Aluminum	.090	.140	64	63
Manganese	.040	.030	1.4	<1.0
Zinc	<.010	< 0.10	97	<1.0

#### VI. SOIL EXPOSURE PATHWAY

Soil samples taken at the Oid Wateree Chemical Company reveal the presence of heavy metals and semi-volatiles as shown in Table 1. Access to the site is limited due to the low number of nearby residences. The abandoned facility is not enclosed by fencing but the access road is gated. The facility is located at the end of a dirt road in a very overgrown area. No schools, daycare centers, or sensitive environments are adjacent to or within 200 feet of the site. Due to the small neighboring population, the site poses a minimal threat for the soil exposure pathway (Ref. 1, 7, 34).

#### VII. AIR PATHWAY

No air monitoring programs have been conducted at the Old Wateree Chemical site. Contaminants were detected in surface soil samples collected on-site. Since the nearby population is minimal and no schools or daycare centers are adjacent to the site, and no endangered species are within the four mile radius, the potential threat from an air release is minimal. Particulate transport is limited due to tall vegetative growth around the site (Ref. 1, 7, 34).

Wateree Chemical Company SCD 987 566 122 Page 15

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minutes 1971.	
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*Town of Elgin and Town of Lugoff water lines added.

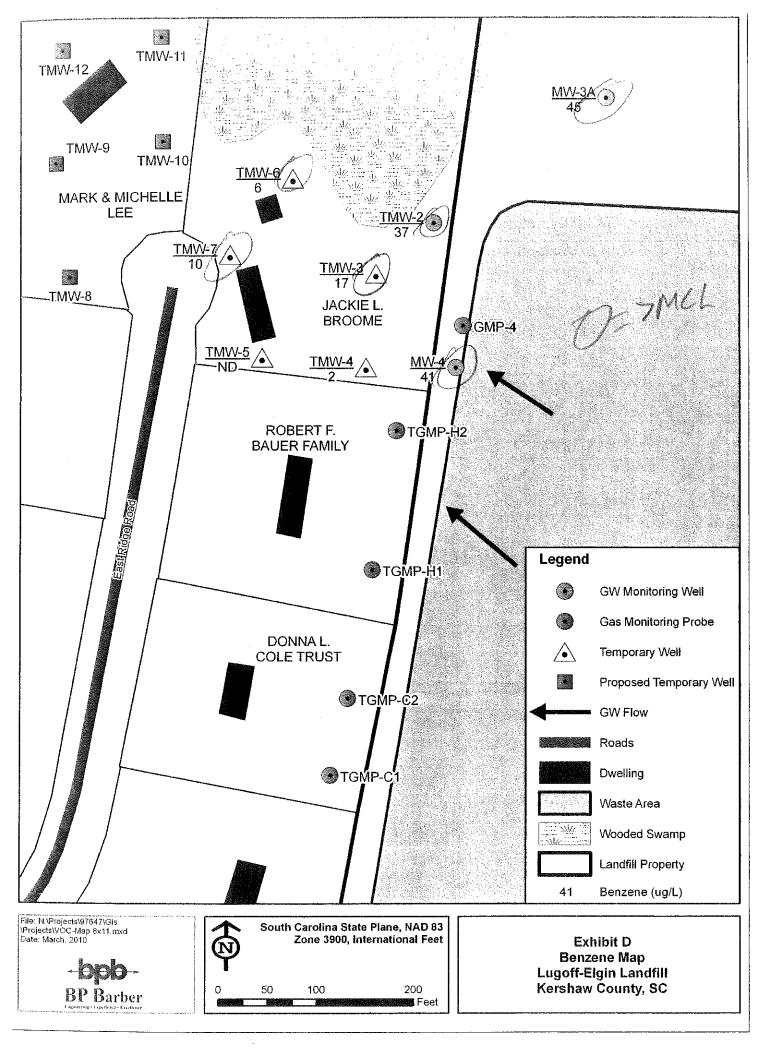
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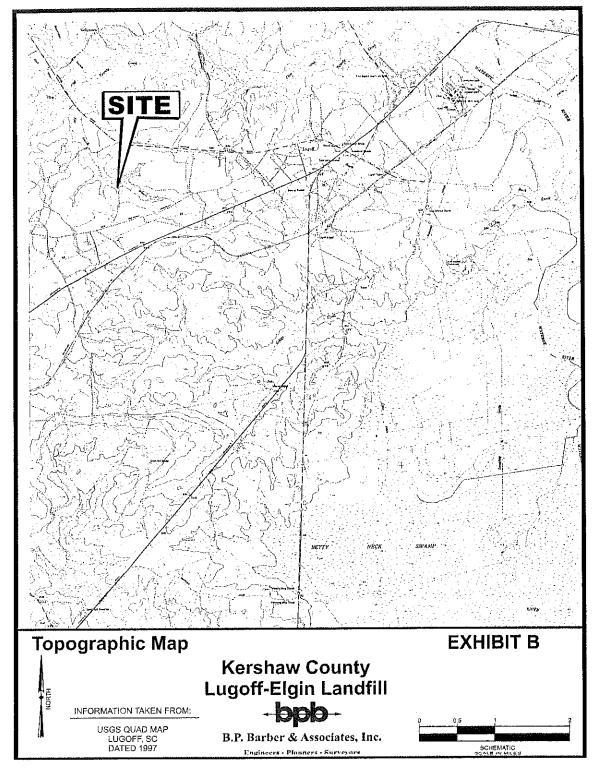
#### Wateree Chemical Company SCD 987 566 122 Page 16

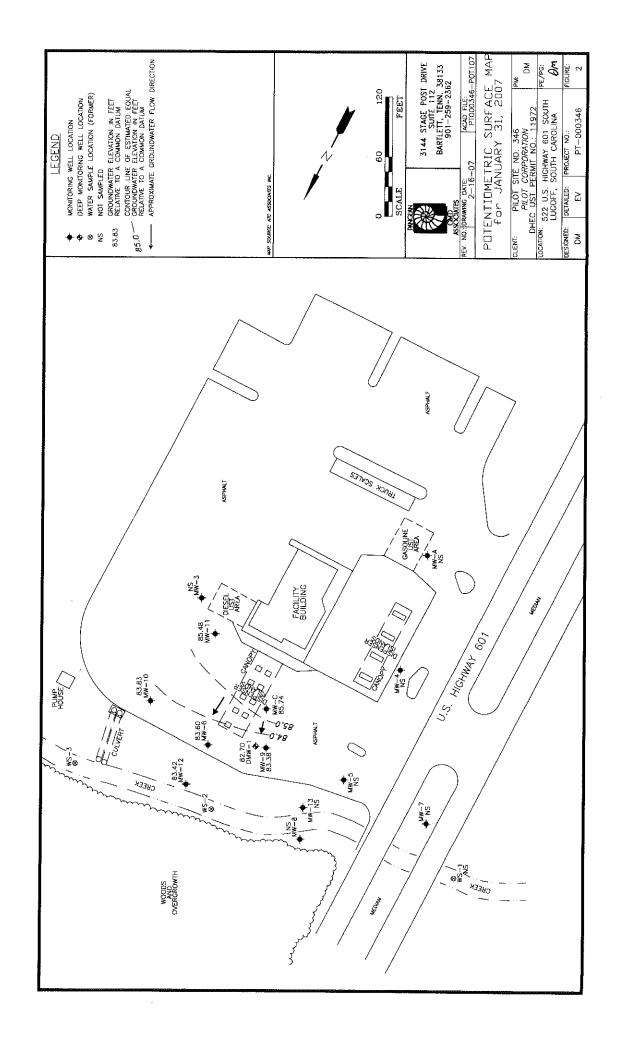
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	USI Management Tracking BOTH billable and unbillable tanks ation for P-11972 Facility: PILOT TRAVEL CENTER 346
<u>Bus.</u> Address	522 HWY 601 S I 20 AT EXIT 91     Phone     803-438-5175       LUGOFF     SC 29078     County     Kershaw     District     Sumter EQC Office
Category	Retail Sales <u>Last Inspection</u> 09/15/10 <u>Trans. of Ownership</u> 06/01/94
Tank Owner Bus.	PILOT TRAVEL CENTERS LLC PO BOX 10146
Address	KNOXVILLE TN 37939-0146 Phone 865-588-7488 Financial Mechanism Expiration Date
<u>Operator</u>	Self Insurance 280.95 26 August 2011
<u>Bus.</u> Address	Phone
Land Owner Bus.	PILOT TRAVEL CENTERS LLC PO BOX 10146
Address	KNOXVILLE TN 37939-0146 <u>Phone</u> 865-588-7488
Tanks	6 <u>Billable</u> 6 <u>Aband.</u> 0 <u>Other</u> 0
	Compliance Operator(s) ID Training Date
0	N Name Dete: 40/24/02
<u>Significant?</u> Site Memo <u>:</u>	Y <u>Memo Date:</u> 10/24/03 During site visit to observe site check for contamination from dispenser leak, found at least one bailer full of free product in MW-6.
Sile Meillo.	
Significant?	N Memo Date: 06/15/07
Site Memo:	Does have Dispenser sumps on all. Diesel dispenser sumps and one gasoline dispenser sump are made of a goopey substance.
<u>one nighter</u>	
Significant?	N <u>Memo Date:</u> 02/26/08
Site Memo:	Received a report of a customer getting gas in their vehicle. The customer reported to Pilot (Steven Blair) with Risk Management.
<u></u>	Customer was told that the facility had a report of a tank "shifting and breaking" yesterday and that the tank was taking on water and out of operation. Eric Cathcart contacted the facility manager (Sheila), she reported that she is unaware of any problems and her ATG was not sending an alarm. Trey has been dispatched to visit the site on 2/26/08 to investigate. Report from Trey on site-Veder Root probes reported no water in gas tanks and less than 1" in diesel. Pilot will be conducting the remote leak detection this evening and will fax the results to this office in 2 days. Store manager did confirm that she has had two recent complaints of water in gas. Eric Cathcart.
Significant?	N Memo Date: 08/19/08
<u>Site Memo:</u>	Discussed plan for piping associated with new tank and reconfiguration for diesel distribution with Royal Harris of Dynamis (contractor for new tank install and piping reconfigurations at this facility). The first two dispenser sets on the truck side will dispense ultra low sulfur dieseland these dispensers will be served by double wall piping coming from the new tankthe last diesel dispenser set on the truck side will be reconfigured with a master/slave combo dispenserand these dispensers will have under dispenser containment and will be served by double wall pipingthe product to these dispensers will come off the existing trunk lineon the auto side, double wall piping for ultra low sulfur diesel will come from the new tank to a transition sump where it will be hooked into the existing single wall system that serves the diesel dispensers on the auto side. I
Significant?	N <u>Memo Date:</u> 08/08/01
Site Memo:	For inspections, contact the facility at (803) 438-5175 or call the corporate office at 1-800-562-6210 and speak to Jason McClain at ext 2438, Ted Asbury at ext 2033, or Gary Douglas at ext 2746

17

## SCDHEC US I Management I racking BOTH billable and unbillable tanks Site Information for P-11972 Facility: PILOT TRAVEL CENTER 346

Significant?	Y Memo Date: 03/16/05	
Site Memo:	This site is across the street from UST # 11860	3.00 × 1.00
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Significant?	N <u>Memo Date:</u> 02/10/10	n an
Site Memo:	Interstitial Monitoring (new diesel tank only): piping run terminates at e	ach dispenser; sensors at both ends
	n an	
Significant?	N <u>Memo Date:</u> 02/24/01	
Site Memo:	05/22/97 IC summery sheet showed that the plus tank failed leak i failed 3/97 & 4/97. I left i NOV for failure to re	check 1/97, 2/97, & 3/97. One DL tank port a suspected release. MHP
	04/21/99–Diesel tanks are manifolded together. RHR	5-21-99tank #2 tested 4-99 because of inv control i
	problemstightjek gas	tanks on simplicity, dsl on sir. cja 12/13/99
	New contact for inspections: Jason McCain (770) 331-9208) cja i	06/26/00
Significant?	N Memo Date: 09/28/01	
Site Memo:	9-26-01 - Site is Impressed Current System with rectifier now showing	8 Amps. and .7 Volts after repairs which closely correlates to
neo mento.	readings prior to 8-2001. I saw 12 months montitoring records and clo	sed that citation. Dispenser #22 was to be repaired this
	afternoon, and I am am aweaiting a copy of the work order/ invoice. R	registation Certificate is being mailed to facility with instructions
	to post. CDJ	

<u>Rei. No.</u> 1 <u>Active Tnks</u>	Reported NFA Confirmed CU Init. CU Compl. CU > MCL	05/29/94 06/17/94 05/28/94		07/14/94		<u>ualified</u> eterm. Dt anager	Petroleum 2AA 60 Y 11/23/94 THOMA, DEBRA L CAMDEN GAS & C	· · · · · · · · · · · · · · · · · · ·	et et Dt	N State
Ranking Rel. No. 1	SCRBCA:	2AA - 0 to	1 yr threat to	o health			FP Thick:	Unknown		· · · · · · · · · · · · · · · · · · ·
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## SCDHEC US I Management Tracking

BOTH billable and unbillable tanks 👙

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## Site Information for P-11972 Facility: PILOT TRAVEL CENTER 346

SuperB		Original Qualif	ied Date	20-SEP-	94	те			
Check List		Release Repor	ted:	05/29/94				•	n est et
<u>Rei. No.</u> 1		Deductible Gro	oup from F	<u>Release R</u>	eport Date:	25K			the Anna the St
	Y	All tanks Regis	stered? T	anks mus	t be registere	ed Before eligible.			· · · ·
	Y	Fees Paid to d	ate?		2 - A				
	N	Contamination	<u>requiring</u>	Remedia	tion confirme	ed?			, <b>.</b>
			Ē	Enviro Co	mpany			<b>Deductible</b>	Limit Amount
	Ν	Enviro Insuran	ice?						
		A written state	ment of N	o Insuran	ce dated:	11/21/94			
		Abatement Me				nt Method: Emptie	ed		
		Approved by:		, BRIAN A			Approved date:	11/23/94	Qualified? Y
				, בונט מווי					
Rel. No. 2	Ren	orted 11/17/	03 <b>St</b> ati	us Confir	ned - Active	Product	Petroleum	Compl Require	ed Y
Active Tnks	NFA				h SUPERB	RBCA / Score	2AA 0	Compliance M	
	Con	<u>firmed</u> 12/04/	03 <u>Eme</u>	r. Resp.	ri t	Superb Qualified	Y		<u>et Dt</u> - 01/23/04
	<u>cu i</u>				11/17/03	Superb Determ. Di		Fin Res Mecha	anism
		Compl. > MCL	<u>Tran</u> Sour	sferred	UST	Project Manager Responsible Party	THOMA, DEBRA		
	002	MOL	<u></u>		001	responsible runt			
Ranking Rel. No. 2		<u></u>	- 0 to 1 yr tl		ealth		<u>FP Thick:</u>	-	
Analyticals		taminant	ug/L	RBSL 5	Score	<u>SSTL's</u>	<u>Other Co</u> EDB	<u>ntaminants</u>	ug/L <u>SSTL's</u> 0
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		Ibenzene	0	700	0				Ũ
	Xylei	ne	0	10000	0				
		hthalene	0	25	0				
	МТВ	Ē	0	40	0				
			Total S	score:	0		•		$1000 - M_{\odot}$
Receptor Ttype	<u> </u>	CREEK			Ground Wat	1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -			
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SCDHEC US I Management Tracking

BOTH billable and unbillable tanks Site Information for P-11972 Facility: PILOT TRAVEL CENTER 346

Tank No.	1	<u>Const.</u>	07/05/89	<u>Class</u>	Р	Tank Const. Mat.	SC		<u> Pipe Const, Mat.</u>	FP	
		Operate	02/12/90	T Status	CIU	Tank Protect.	FC	<u>CP</u>	Pipe Protect.	FC <u>CP</u>	
		Notify	03/07/89	Capacity		Tank Cont, Meth.	sw		Pipe Cont, Meth,	sw	
· · ·		Variance		Product	PREM	Overfill Type		Ver 03/07/89	Piping Type	PR	
	•	Compl.	09/15/10	C Status		Age @ Notif.	0		Dist, to Well	300	
		Spill Det.		Left Gal.		Owner @ ABD			1	<u>Last Use</u>	
		Aband,	00.01100	Method		CAS No.	Cher	m.			
			penser Co		Drop Tube	Y Tank Leak De		CITLDS	Pipe Leak Det.		
										10/12/09	
ank No.	2	Const.	07/05/89	Class	Р	Tank Const. Mat.	SC		Pipe Const. Mat.	FP	
<u>unin neg</u>	-	Operate	02/12/90	T Status	CIU	Tank Protect.	FC	<u>CP</u>	Pipe Protect	FC <u>CP</u>	
i.		Notify	03/07/89	Capacity		Tank Cont, Meth,		<u> </u>	Pipe Cont. Meth.		
		Variance	00/01/00	Product	RUL	Overfill Type		<u>Ver</u> 03/07/89		PR	
		Compl.	09/15/10	<u>C Status</u>		Age @ Notif.	0		Dist, to Well	300	
		Spill Det.		Left Gal.		<u>Owner @ ABD</u>	~			Last Use	
		Aband,	00/07/08	Method		CAS No.	Cher	m		<u></u>	
			penser Co		Drop Tube	Y Tank Leak De		CITLDS	Pipe Leak Det.	LLD 10/12	,,,,,,
			ipenaci oc	<u></u>		I THIN LOUN DI	<u></u> .	GITLDG		CITLDS	109
										10/12/09	
Tank No.	~	Const.	07/05/00	Class	P	Tank Const. Mat.	SC		Pipe Const, Mat,		
ank ino.	3		07/05/89 02/12/90	T Status		Tank Protect.	FC	CP :	Pipe Protect.	FC <u>CP</u>	
		<u>Operate</u>						<u>CP</u>			
		<u>Notify</u>	03/07/89	<u>Capacity</u>		Tank Cont. Meth.		Mar 02/07/00	Pipe Cont. Meth.	SW	
		Variance		Product	RUL	Overfill Type		<u>Ver</u> 03/07/89	Piping Type	PR	
		Compl.	09/15/10	<u>C Status</u>	IN	Age @ Notif.	0		Dist. to Well	300	
		Spill Det.	03/07/89	<u>Left Gal.</u>		Owner @ ABD	~			<u>Last Use</u>	
		Aband.		Method	D	CAS No.	<u>Cher</u>		Dina Laals Dat		
		Under Dis	penser Co	<u>nt.</u> 1	Drop Tube	Y <u>Tank Leak De</u>	<u>er,</u> (	CITLDS	Pipe Leak Det.	LLD 10/12 CITLDS	709
										10/12/09	
				01		Tank Canat Mat			Bine Const Mat		
<u>ſank No.</u>	4	<u>Const.</u>	07/05/89	<u>Class</u> T Status	P	Tank Const. Mat.	SC	<b>CD</b>	<u>Pipe Const. Mat.</u>	FP	
		<u>Operate</u>	02/12/90	T Status	CIU	Tank Protect.	FC	<u>CP</u>	Pipe Protect	FC <u>CP</u>	
	:	<u>Notify</u>	03/07/89	Capacity		Tank Cont. Meth.			Pipe Cont, Meth.	SW	
		Variance		Product	DL	Overfill Type	BFVV	<u>Ver</u> 03/07/89	Piping Type	PR	
·	• • • • • • • • • • • •	Compl.	09/15/10	<u>C Status</u>	IN	Age @ Notif.	0		Dist. to Well	·/300 · · · ·	: 
n an ann an 11. An an 21 an Anna Anna Anna Anna Anna Anna Anna		Spill Det.	03/07/89	<u>Left Gal.</u>		Owner @ ABD	<i></i>			Last Use	2., 78. 9
	12 1	Aband,		<u>Method</u>		CAS No.	Cher		1918 <b>(</b> )		
	·	Under Dis	penser Co	<u>nt.</u> N	Drop Tube	N <u>Tank Leak De</u>			Pipe Leak Det.		
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fank No.	5	<u>Const.</u>	07/05/89	<u>Class</u>	Р	Tank Const, Mat.	SC	÷	Pipe Const. Mat.	FP	
		<u>Operate</u>	02/12/90	<u>T Status</u>		Tank Protect.	FC	CP	Pipe Protect.	FC <u>CP</u>	
		<u>Notify</u>	03/07/89	<u>Capacity</u>	12,000	Tank Cont. Meth.	SW		Pipe Cont. Meth.	SW	
		<u>Variance</u>		Product	DL	<u>Overfill Type</u>	BFVV	<u>Ver</u> 03/07/89	Piping Type	PR	
		<u>Compl.</u>	09/15/10	<u>C Status</u>	IN	<u>Age @ Notif.</u>	0		Dist. to Well	300	
		Spill Det.	03/07/89	<u>Left Gal.</u>		Owner @ ABD				<u>Last Use</u>	
		Aband.		Method		CAS No.	<u>Cher</u>	<u>n.</u>			
		<u>Under Dis</u>	penser Co	<u>nt.</u> N	<u>Drop Tube</u>	N <u>Tank Leak De</u>	<u>et.</u> (	CITLDS	<u>Pipe Leak Det.</u>	MAN	
							ſ	04/15/04		10/12/09	

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## SCDHEC US I Management TrackingBOTH billable and unbillable tanksSite Information for P-11972Facility: PILOT TRAVEL CENTER 346

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Tank No.	6	Const.	07/09/08	Class	Р	Tank Const. Mat.	PU	Pipe Const, Mat.	FP
		Operate	10/07/08	T Status	CIU	Tank Protect.	PU <u>CP</u>	Pipe Protect.	FC <u>CP</u>
	÷.,	<u>Notify</u>	06/24/08	<u>Capacity</u>	20,000	Tank Cont, Meth.	DW	Pipe Cont. Meth.	DW-16 CF 554
s içen		<u>Variance</u>	t di di c	Product	DL	<u>Overfill Type</u>	BFVV Ver 10/02/08	Piping Type	
		Compl.	09/15/10	C Status	IN.	Age @ Notif.	0	Dist. to Well	500
		Spill Det.	10/02/08	<u>Left Gal.</u>		Owner @ ABD			Last Use
÷		Aband,	1. A. A.	Method		CAS No.	<u>Chem.</u>	~1	
		Under Dis	penser Co	<u>nt.</u> N	Drop Tube	N <u>Tank Leak D</u>	et. CITLDS IM	<u>Pipe Leak Det.</u>	LLD" 10/12/09
							10/09/08		IM 10/12/09
:			set a						CITLDS 10/12/09



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March 11, 2011

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## PILOT TRAVEL CENTER 346

522 HWY 601 S I 20 AT EXIT 91 LUGOFF, SC 29078

Inquiry Number: April 12, 2011

# EDR Site Report™



440 Wheelers Farms Road Milford, CT 06461 Toll Free: 800.352.0050 www.edmet.com

#### WASTE MANAGEMENT

Facility has reported leaking underground storage tank incidents

DATABASE: Leaking Petroleum Storage Tank Database (LUST)

**PILOT TRAVEL CENTER 346** 522 HWY 601 S I 20 AT EXIT 91 LUGOFF, SC 29078 EDR ID #\$110338695 LUST: Facility ID: 11972 Release Number: Facility Status: conduct invest/risk assessment Substance: PETRO PILOT TRAVEL CENTERS LLC Owner: NFA Date: Not reported Date Confirmed: 06/17/<del>9</del>4 05/29/94 Report Date: 2AA Rank LUST DETAIL: 11/17/2003 Release Date: Not reported PILOT TRAVEL CENTERS LLC PO BOX 10146 Cleanup Complete Date: RP Name: RP Address: RP City: RP State: KNOXVILLE TN RP Zip: SCRBCA Class Code: 37939-0146 CLASS2AA Depth to Ground Water: Not reported Ground Water Flow Direction: Not reported THOMA, DEBRA L With SUPERB Project Manager: Release Fin Type Code: Release Date: Cleanup Complete Date: 5/29/1994 Not reported CAMDEN GAS & OIL CO 802 HERMITAGE POND RD **RP** Name: **RP** Address: RP City: RP State: CAMDEN SC RP Zip: SCRBCA Class Code: 29020 CLASS2AA Depth to Ground Water: 7 Ground Water Flow Direction: NW THOMA, DEBRA L With SUPERB Project Manager: Release Fin Type Code: Facility ID: Release Number: 11972 2 Facility Status: conduct invest/risk assessment PETROL Substance: PILOT TRAVEL CENTERS LLC Owner: NFA Date: Not reported Date Confirmed: 12/04/03 Report Date: 11/17/03 2AA Rank: LUST DETAIL: Release Date: 11/17/2003 Not reported PILOT TRAVEL CENTERS LLC PO BOX 10146 Cleanup Complete Date: RP Name: RP Address: RP City: RP State: RP Zip: SCRBCA Class Code: KNOXVILLE TN 37939-0146 CLASS2AA Depth to Ground Water: Ground Water Flow Direction: Not reported Not reported THOMA, DEBRA L Project Manager: Release Fin Type Code: With SUPERB Release Date: 5/29/1994 Cleanup Complete Date: RP Name: Not reported CAMDEN GAS & OIL CO 802 HERMITAGE POND RD RP Address: RP City: CAMDEN RP State: SC RP Zip: 29020 SCRBCA Class Code: CLASS2AA

## PILOT TRAVEL CENTER 346

522 HWY 601 S I 20 AT EXIT 91 LUGOFF, SC 29078

Inquiry Number: April 12, 2011

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# EDR Site Report™



440 Wheelers Farms Road Milford, CT 06461 Toll Free: 800.352.0050 www.edmet.com

### WASTE MANAGEMENT

#### Facility manages registered underground storage tanks

#### DATABASE: Petroleum Storage Tank Database (UST)

PILOT TRAVEL CENTER 346 522 HWY 601 S I 20 AT EXIT 91 LUGOFF, SC 29078 EDR ID #U004154214

UST; Facility ID: Owner: Owner Contact: Owner Address: Owner City,St,Zip: Owner Phone: Contact: Contact: Contact Tel:

> Tank ID: Capacity: Product: Calcage: Status:

Tank ID: Capacity: Product: Calcage: Status:

Tank ID: Capacity: Product: Calcage: Status:

Tank ID: Capacity: Product: Calcage: Status:

Tank ID: Capacity: Product: Calcage: Status:

Tank ID: Capacity: Product: Calcage: Status: 11972 PILOT TRAVEL CENTERS LLC TED ASHBURY PO BOX 10146 KNOXVILLE, TN 37939-0146 865-588-7488 TED ASHBURY 803-438-5175 1 12000 PREM 0 Currently in use 2 12000 RUL 0 Currently in use 3 12000 RUL 0 Currently in use 4 12000 Diesel 0 Currently in use 5 12000

Diesel 0 Currently in use

6 20000 Diesel 0 Currently in use



C. Earl Hunter, Commissioner Promoting and protecting the health of the public and the environment.

**MS RENEE THOMAS** PANTRY INC PO BOX 1410 SANFORD NC 27331

**Conditional No Further Action** Re: Pantry 833, 521 Hwy. 601 S., Lugoff, SC UST Permit #11860; CA #31050 Release #1 reported July 5, 1994 Release #2 reported February 1, 2001 Groundwater Sampling report received November 5, 2007 Kershaw County

Dear Ms. Thomas:

The Underground Storage Tank (UST) Program of the South Carolina Department of Health and Environmental Control (SCDHEC) has reviewed the referenced report. Based on data obtained from the risk-based assessment and verification monitoring, the above referenced UST releases do not present a significant threat to human health or the environment. Therefore, no further action regarding these releases will be required at this time. This decision is based on the following assumptions and conditions:

Assumptions and Conditions:

- The property on which the UST releases occurred and properties adjacent to the site are currently 1) commercial/residential and are reasonably anticipated to remain commercial/residential in the future based on existing zoning ordinances.
- Groundwater is not currently being used and is reasonably anticipated not to be used in the future within the actual 2) or predicted area of petroleum impact. The groundwater should not be used as a source of drinking water or for irrigation within the area of petroleum impacts.
- All petroleum chemicals of concern (CoC) associated with the referenced UST releases are below the Site-Specific 3) Target Levels (SSTL) in soil and ground water, and groundwater monitoring has verified that natural attenuation is occurring, Based on these site-specific conditions, the CoC will not exceed Risk Based Screening Levels (RBSL) at any potential receptors and/or exposure points.
- Land use should not change (e.g., from commercial to residential) without notifying the Bureau of the proposed use. 4) Any site excavation activities may encounter petroleum-impacted soil that must be disposed of in a method approved by the Department.
- If CoC from the referenced release are detected at levels that present a risk to human health or the environment, 5) this office, under authority established in the South Carolina UST Control Regulations (SCUSTCR) R.61-92 Part 280, may require additional site rehabilitation.
- This correspondence does not exempt the UST system from any additional requirements (e.g., notification, 6) operation, release detection, and closure) of the SCUSTCR, the SUPERB Act or any other non-UST activities where there may be Department involvement.



2600 Bull Street • Columbia, SC 29201 • Phone: (803) 898-3432 • www.scdhec.gov

Ms. Thomas

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The Bureau will be notified within 30 days of any changes to any of the above assumptions and conditions until all petroleum constituents are at or below RBSL. If site conditions are changed without Department approval, the owner or operator will be in violation of a Department order enforceable pursuant to the 1976 Code Section 44-2-140.

The referenced release has been placed on a registry of releases in the SCDHEC Freedom of Information office. The release will remain on this registry until all petroleum CoC have attenuated by natural and biological means to the RBSL. If you choose to remove the release from the registry in the future, laboratory analysis must document that each CoC is at or below the RBSL. Samples may be collected from temporary or the existing permanent monitoring wells; however, these sampling and laboratory analytical costs will not be compensated from the SUPERB Account.

The Department intends to report this closure to the United States Environmental Protection Agency. If for any reason you disagree with this decision not to require any further environmental rehabilitation activities, please contact me in writing within thirty (30) days of the date of this letter. After this 30-day period, any significant increase in levels of petroleum chemicals of concern will be attributed to current UST operations and will be considered a new release.

The following options are offered:

Option 1:

You may choose to abandon all of the monitoring wells at this time. Should you choose to abandon the wells, cost agreement #31050 has been approved for the abandonment of up to 254 feet of well. Upon approval and proper abandonment of the wells in accordance with South Carolina Well Standards and Regulations (R. 61-71), a final payment for cleanup actions associated with this release will be issued from the SUPERB Account.

Option 2: You may choose to keep some or all of the wells for future monitoring in order to verify that the intrinsic remediation process has been successful in reducing all CoC concentrations below RBSL. The SUPERB Account will not be responsible for the future maintenance, monitoring, and abandonment of these wells. Additionally, the SUPERB Account will not provide compensation for future soil and/or groundwater sampling and/or laboratory analysis to document further natural attenuation to RBSL.

Please complete the attached option form and return it to my attention within 30 days from the date of this letter. Should you choose to abandon any monitoring wells, a report of abandonment is due within 60 days from the date of this letter. On all correspondence related to this facility, please reference the UST Permit #11860. Should you have any questions, please feel free to contact me at (803) 896-6397 or thomadl@dhec.sc.gov.

Sincerely,

Debra L. Thoma, Hydrogeologist Northeast SC Corrective Action Section Assessment and Corrective Action Division Underground Storage Tank Program Bureau of Land and Waste Management

enc: Options Form Cost Agreement

cc:

Bob Bolton, ATC Associates, 400 Northeast Dr., Unit Q., Columbia, SC, 29203 (w/enc) Technical File (w/o enc)

## Monitoring Well Option Form

UST Permit.# 11860

Facility Name: Pantry 833

Facility Address: 521 Hwy 601 S., Lugoff, SC

County: Kershaw

No additional cleanup efforts are required for the July 5, 1994 and February 1, 2001 UST releases at the above referenced facility. Public notice is required as there are residual levels of Chemicals of Concern (CoC). Therefore, its existence is being highlighted on a registry of releases in the SCDHEC Freedom of Information office. The releases will remain on this registry until all petroleum CoC have attenuated by natural and biological means to the Risk-Based Screening Level (RBSL). The following options are offered:

#### Option 1:

You may choose to abandon all the monitoring wells at this time. Should you choose to abandon the wells, cost agreement #31050 has been approved for the abandonment of up to 254 feet of well. Upon approval and proper abandonment of wells in accordance with the South Carolina Well Standards and Regulations (R. 61-71), a final payment for cleanup actions associated with this release will be issued from the SUPERB Account.

#### Option 2:

You may choose to keep some or all of the wells for future monitoring in order to verify that the intrinsic remediation process has been successful in reducing all CoC concentrations below RBSL. The SUPERB Account will not be responsible for the future maintenance, monitoring, and abandonment of these wells. Additionally, the SUPERB Account will not provide compensation for future soil and/or ground-water sampling and/or laboratory analysis to document further natural attenuation to RBSL.

At this time I choose (Please mark one):

_ Option One.

Option Two. Keep Monitoring Wells

(Please list wells you wish to keep by number.)

Name (Please Print)

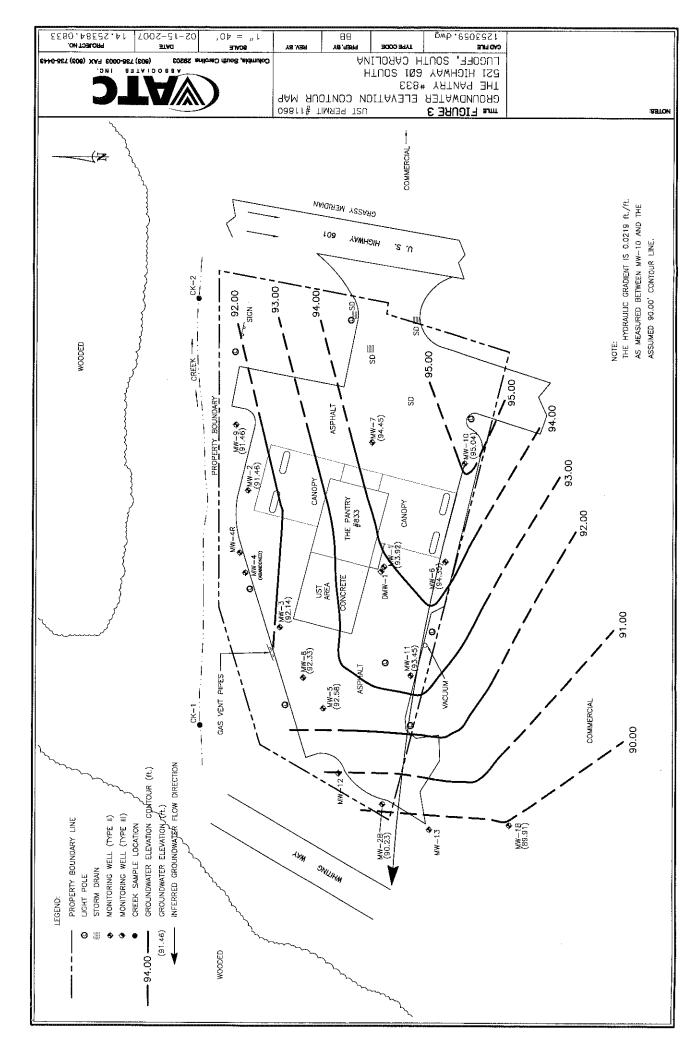
Date

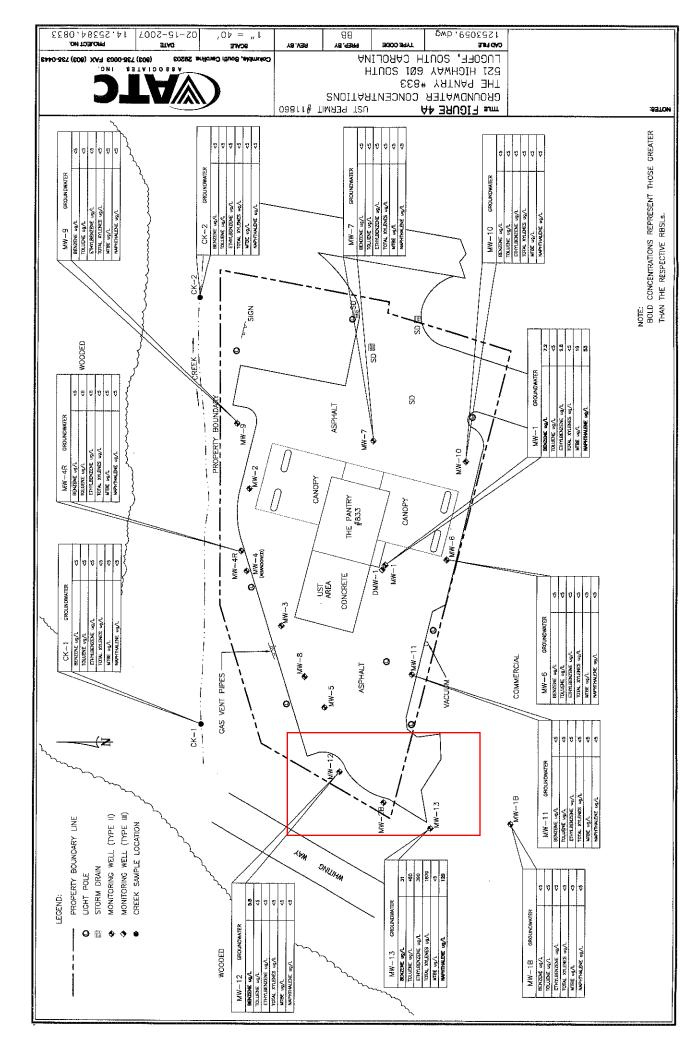
Signature

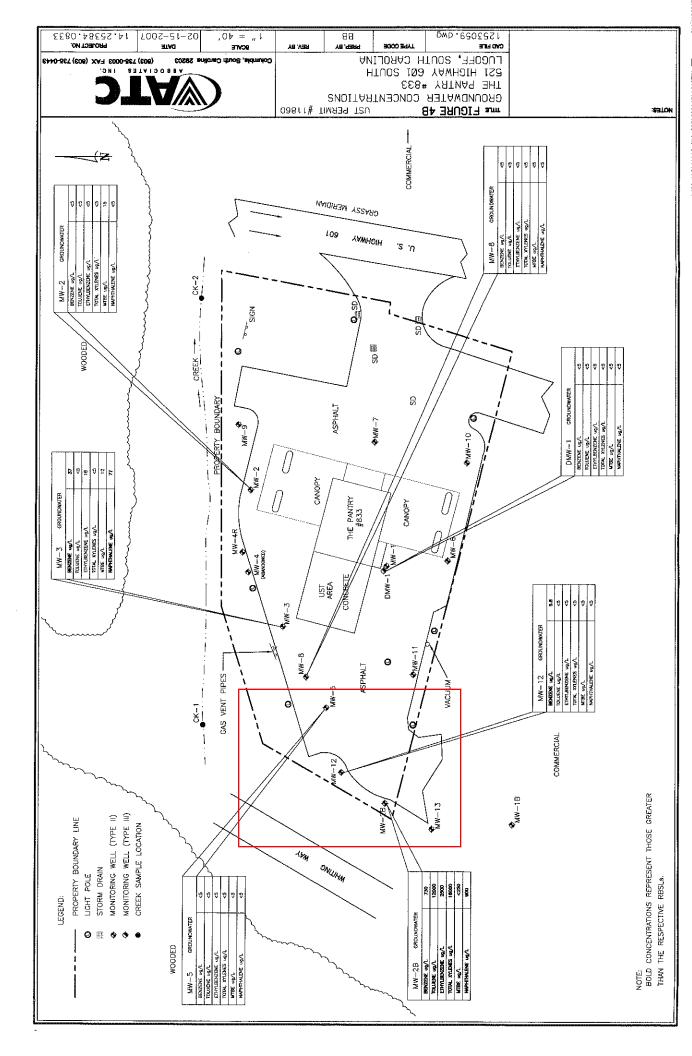
Telephone Number

Please return this form to:

SCDHEC Underground Storage Tank Program Attention: Debra Thoma 2600 Bull Street Columbia, SC 29201







Page 2 of 2 http://www.scdhec.gov/environment/lwm/Databases/tanks_db/select.asp?site_num=11860... 2/24/2011 Pipe Leak Detects: LLD 02/17/09 LTT 02/17/2009 SIR 02/17/2009 Aband/Closure Method: Aband/Closure Method: Pipe Leak Detects: LLD.02/17/2009 LTT 02/17/2009 SIR 02/17/2009 Distance to Well (feet): 300 300 Aband/Closure Date: Aband/Closure Date: Tank Leak Detects: SIR 02/24/05 Tank Leak Detects: SIR 05/22/06 Compliance Status Date: 12/11/2009 12/11/2009 Compliance Status: IN Overfill Type: BEVV Overfill Type: BFW Piping Type: PR Piping Type: PR South Carolina Depart Back to Search Ň Tank Containment Method: <u>Sw</u> Tank Containment Method: SW Pipe Containment Method: <u>SW</u> Pipe Containment Method: <u>SW</u> Tank Status: C(U South Carolina Underground Storage Tank Registry Pipe Pipe Protection: Protection EC Test Date: Tank Protection Protection: Test Date: EC Tank Protection: Protection EC Pipe Pipe Protection: Protection FC Test Date: Capacity: 10000 CAS Code: Scennence Tank Construction: EP Pipe Construction: <u>FP</u> Tank Construction: ER Pipe Construction: EP Product: RUL Page 1 of 2 http://www.scdhec.gov/environment/lwm/Databases/tanks_db/select.asp?site_num=11860... 2/24/2011 Aband/Closure Method: Pipe Leak Detects: LLD 02/17/09 LTT 02/17/2009 SIR 02/17/2009 C. Departments of Reifib and Environmental Confer Mission Sciences (Sciences) Distance to Well (feet): 300 Distance to Well (feet): South Carolina Underground Aband/Closure Date: Compliance Status Date: 12/11/2009 Tank Status: Compliance Compliance <u>CIU</u> Status: Status Date: Tank Leak Detects: <u>SIR</u> Storage Tank Registry 521 HWY 601 S 10/17/2001 **CLASS2AA** Compliance Status: Tank Owner Last Name: PANTRY INC PANTRY 833 9/8/1994 **CLASS2AA** 7/5/1994 2/1/2001 LUGOFF Kershaw SC 29078 Overfill Type: BEVV 11860 Piping Type: PR Displaying all releases: ~ > **Buvironmental Quality Control** 2 Displaying all tanks: Cleanup Complete Date: SCRBCA Class Code: C Qualified Index: Y N Cleanup Complete Date: SCRBCA Class Code: ( Tank Owner First Name: Tank Status: Tank Containment Method: SW Pipe Containment Method: <u>SW</u> Release Number: Release Date: Confirmed Date: Confirmed Date: Release Number: South Carolina Underground Storage Tank Registry Qualified Index: Release Date: Facility Name: Site Number; Address 1: Address 2: Protection Test Date: Pipe Protection Test Date: Capacity: 10000 Capacity: 10000 County: State: City: Zip: Tank Protection: 1 EC Pipe Protection: 1 FC CAS Code: CAS Code: Pipe Construction: FP Tank Construction: f<u>P</u> Product: PLUS Product: PREM

## PANTRY 833

521 HWY 601 S LUGOFF, SC 29078

Inquiry Number: April 12, 2011

# EDR Site Report™



440 Wheelers Farms Road Milford, CT 06461 Toll Free: 800.352.0050 www.edmet.com

#### WASTE MANAGEMENT

#### Facility has reported leaking underground storage tank incidents

#### DATABASE: Leaking Petroleum Storage Tank Database (LUST)

PANTRY 833 521 HWY 601 S LUGOFF, SC 29078 EDR ID #S105684837 LUST: Facility ID: 11860 Release Number: monitored natural attenuation Facility Status: PETRO Substance: PANTRY INC Owner: NFA Date: 11/29/07 Date Confirmed: 09/08/94 Report Date: 07/05/94 Rank: 2AA LUST DETAIL: Release Date: 2/1/2001 Not reported PANTRY INC Cleanup Complete Date: **RP** Name: **RP Address:** 1801 DOUGLAS DR RP City: RP State: RP Zip: SCRBCA Class Code: SANFORD NC 27330 CLASS2AA Depth to Ground Water: Ground Water Flow Direction: 5 NW Project Manager: Release Fin Type Code: THOMA, DEBRA L With Insurance Policy 7/5/1994 Release Date: Not reported PANTRY INC Cleanup Complete Date: RP Name: RP Address: RP City: RP State: RP Zip: SCRBCA Class Code: 1801 DOUGLAS DR SANFORD NC 27330 CLASS2AA Depth to Ground Water: Ground Water Flow Direction: 5.5 Ν Project Manager: Release Fin Type Code: THOMA, DEBRA L With SUPERB 11860 Facility ID: Release Number: 2 monitored natural attenuation Facility Status: PETROL PANTRY INC Substance: Owner: 11/29/07 NFA Date: Date Confirmed: 10/17/01 02/01/01 Report Date: 2AA Rank: LUST DETAIL: Release Date: Cleanup Complete Date: 2/1/2001 Not reported PANTRY INC RP Name: RP Address: 1801 DOUGLAS DR RP Address. RP City: RP State: RP Zip: SCRBCA Class Code: SANFORD NC 27330 CLASS2AA Depth to Ground Water: Ground Water Flow Direction: NW THOMA, DEBRA L Project Manager: With Insurance Policy Release Fin Type Code: 7/5/1994 Release Date: Not reported PANTRY INC Cleanup Complete Date: **RP Name:** 1801 DOUGLAS DR **RP** Address: RP City: RP State: RP Zip: SCRBCA Class Code: SANFORD NC 27330 CLASS2AA

## **PANTRY 833** 521 HWY 601 S

LUGOFF, SC 29078

Inquiry Number: April 12, 2011

# EDR Site Report[™]



440 Wheelers Farms Road Milford, CT 06461 Toll Free: 800.352.0050 www.edmet.com

#### WASTE MANAGEMENT

## Facility manages registered underground storage tanks

### DATABASE: Petroleum Storage Tank Database (UST)

PANTRY 833 521 HWY 601 S LUGOFF, SC 29078 EDR ID #U004017230 UST: ST: Facility ID: Owner: Owner Contact: Owner Address: Owner City,St,Zip: Owner Phone: Contact: 11860 11860 PANTRY INC MARY BATCHELOR 1801 DOUGLAS DR SANFORD, NC 919-774-6700 MARY BATCHELOR Not reported Contact: Contact Tel: Tank ID: 1 10000 Capacity: Product: Calcage: Status: RUL 0 Currently in use Tank ID: 2 10000 Capacity: PLUS Product: Calcage: 0 Currently in use Status: 3 10000 Tank ID: Capacity: Product: Calcage: PREM ò Currently in use Status:

...Continued...

## MULTIMEDIA

## Facility is listed in a county/local unique database

## DATABASE: State/County (LOCAL)

	PANTRY 833 521 HWY 601 S LUGOFF, SC 29078 EDR ID #U004017230	
54	C GWIC: Bureau: EAP ID: Solid Waste Permit #: Bureau of Land & Waste Management File #: Permit Number: WPC Permit: Program: Contamination: Petroleum Products: Volatile Organic Compounds: Metals: Nitrates or Potential to Nitrate: Pesticides & Herbicides: Polychlorinated Biphenyls: Base, Neutral, & Acid Extractables: Phenols: Base, Neutral, & Acid Extractables: Phenols: Radionucides Over Max Contaminant Levels: Sources Not In Other Categories: Source: Underground Storage Tanks: Pits, Ponds, & Lagoons: Spills & Leaks: Landfills: Aboveground Storage Tank: Spray Irrigation: Single-Event Spill: Unpermitted Disposal: Septic Tank/Tile Field: Substances Not In Other Categories: Sources of Contamination Undetermined: Assessment: Monitoring: Remediation: Surface Impact: Drinking Water Well Impact: Remarks: Site ID # 11860. RBC	11860 Not reported DUST PETRO True False False False False False False False False False

Site Informa	ation for P-11860	Facility: P	ANTRY 833				
<u>Bus.</u> Address	521 HWY 601 S LUGOFF	SC 29078	<u>Phone</u> County	803-438-9389 Kershaw	<u>I</u>	District Sumter EQC Off	ice
<u>Category</u>	Retail Sales	Li	ast Inspection	02/09/11	Trans,	of Ownership	
Tank Owner		•				River also De	
<u>Bus.</u> Address	PO BOX 1410 SANFORD	NC 27331-1	1410 <u>Phone</u>	919-774-6700		Financial Re Financial Mechanism	Expiration Date
<u>Operator</u> <u>Bus.</u>					· .	Letter of Credit	08 March 2022
Address			Phone				
Land Owner Bus.	PANTRY INC 1801 DOUGLAS DR						
Address	SANFORD	NC 27330	Phone	919-774-6700			
<u>Tanks</u>	3 <u>Billable</u> 3	Aband.	0 <u>Other</u>	0			
	Compliance	e Operator(s)			ID	Training Date	
<u>Significant?</u> <u>Site Memo:</u>	Y <u>Memo Date:</u> Release #2 is covered an overfill by a deliver	i by Eagle Tran				•	Release #2 for this site was opy of their MCS-90 form.)
	Release #2 is covered	i by Eagle Tran				•	
	Release #2 is covered	i by Eagle Tran y driver. Eagle				•	
<u>Site Memo:</u>	Release #2 is covered an overfill by a deliver	i by Eagle Tran y driver. Eagle 02/24/01 apos;BRIEN FF ABLY WAS DH id sample for i iment at both e	ROM TET. HE S EC'S DIS nds. Impact val	AID THAT THE APPROVAL. 03 addition	release, a REASON /27/98 KT al BTEX a	and we have received a c I THEY DID'T i TA and TPH as well. May 18, 1-19-01-—Ca	opy of their MCS-90 form.) DRILL TI Talked to Fred Lyke, he will
<u>Site Memo:</u> Significant?	Release #2 is covered an overfill by a deliver N <u>Memo Date:</u> TALKED TO DEE O& FORTH WELL PROB/ hydrometer sample an 10/31/00–Contain	by Eagle Tran y driver. Eagle 02/24/01 apos;BRIEN FF ABLY WAS DH id sample for i iment at both e	ROM TET. HE S EC'S DIS nds. Impact val	AID THAT THE APPROVAL. 03 addition ves ok. WKG	release, a REASON /27/98 KT al BTEX a	and we have received a c I THEY DID'T i TA and TPH as well. May 18, 1-19-01-—Ca	opy of their MCS-90 form.) DRILL TI Talked to Fred Lyke, he will 1998. KTA
<u>Site Memo:</u> Significant?	Release #2 is covered an overfill by a deliver N <u>Memo Date:</u> TALKED TO DEE O&a FORTH WELL PROB/ hydrometer sample an 10/31/00–Contain suspected release at t	by Eagle Tran y driver. Eagle 02/24/01 apos;BRIEN FF ABLY WAS DH id sample for i iment at both e his i	ROM TET. HE S EC'S DIS nds. Impact val	AID THAT THE AID THAT THE APPROVAL. 03 addition ves ok. WKG te caused by de	release, a REASON /27/98 KT al BTEX a liveryjeł	and we have received a c I THEY DID'T i TA and TPH as well. May 18, 1-19-01-—Ca	opy of their MCS-90 form.) DRILL TI Talked to Fred Lyke, he will 1998. KTA onnie Anderson told me abour
<u>Site Memo:</u> <u>Significant?</u> <u>Site Memo:</u> <u>Significant?</u>	Release #2 is covered an overfill by a deliver N <u>Memo Date:</u> TALKED TO DEE O&a FORTH WELL PROB/ hydrometer sample an 10/31/00–Contain suspected release at t	by Eagle Tran y driver. Eagle 02/24/01 apos;BRIEN FF ABLY WAS DH id sample for i iment at both e his i 03/16/05	ROM TET. HE S IEC'S DIS Inds. Impact val si	AID THAT THE AID THAT THE APPROVAL. 03 addition ves ok. WKG te caused by de	release, a REASON /27/98 KT al BTEX a liveryjeł	and we have received a c I THEY DID'T i IA and TPH as well. May 18, 1-19-01-—Co k	opy of their MCS-90 form.) DRILL TI Talked to Fred Lyke, he will 1998. KTA onnie Anderson told me abour
<u>Site Memo:</u> <u>Significant?</u> <u>Site Memo:</u> <u>Significant?</u>	Release #2 is covered an overfill by a deliver N <u>Memo Date:</u> TALKED TO DEE O& FORTH WELL PROB/ hydrometer sample an 10/31/00-Contain suspected release at t	by Eagle Tran y driver. Eagle 02/24/01 apos;BRIEN FF ABLY WAS DH id sample for i iment at both e his i 03/16/05	ROM TET. HE S IEC'S DIS Inds. Impact val si	AID THAT THE AID THAT THE APPROVAL. 03 addition ves ok. WKG te caused by de	release, a REASON /27/98 KT al BTEX a liveryjeł	and we have received a c I THEY DID'T i IA and TPH as well. May 18, 1-19-01Co k	opy of their MCS-90 form.) DRILL TI Talked to Fred Lyke, he will 1998. KTA onnie Anderson told me abour
<u>Site Memo:</u> <u>Significant?</u> <u>Site Memo:</u> <u>Significant?</u>	Release #2 is covered an overfill by a deliver N <u>Memo Date:</u> TALKED TO DEE O& FORTH WELL PROB/ hydrometer sample an 10/31/00-Contain suspected release at t	by Eagle Tran y driver. Eagle 02/24/01 apos;BRIEN FF ABLY WAS DH id sample for i iment at both e his i 03/16/05	ROM TET. HE S IEC'S DIS Inds. Impact val	AID THAT THE AID THAT THE APPROVAL. 03 addition ves ok. WKG te caused by de	release, a REASON /27/98 KT al BTEX a liveryjeł	and we have received a c I THEY DID'T i IA and TPH as well. May 18, 1-19-01Co k	opy of their MCS-90 form.) DRILL TI Talked to Fred Lyke, he will 1998. KTA onnie Anderson told me abour
<u>Site Memo:</u> <u>Significant?</u> <u>Site Memo:</u> <u>Significant?</u>	Release #2 is covered an overfill by a deliver N <u>Memo Date:</u> TALKED TO DEE O& FORTH WELL PROB/ hydrometer sample an 10/31/00-Contain suspected release at t	by Eagle Tran y driver. Eagle 02/24/01 apos;BRIEN FF ABLY WAS DH id sample for i iment at both e his i 03/16/05	ROM TET. HE S IEC'S DIS Inds. Impact val	AID THAT THE AID THAT THE APPROVAL. 03 addition ves ok. WKG te caused by de	release, a REASON /27/98 KT al BTEX a liveryjeł	and we have received a c I THEY DID'T i IA and TPH as well. May 18, 1-19-01Co k	opy of their MCS-90 form.) DRILL TI Talked to Fred Lyke, he will 1998. KTA onnie Anderson told me abour

<u>Rel. No.</u> 1	<b>Reported</b>	07/05/94	Status Confirmed - Closed	Product	Petroleum	Compl Required	Y
Active Tnks	<u>NFA</u>	11/29/07	Fin. Type With SUPERB	RBCA / Score	2AA 8	Compliance Met	N
	Confirmed	09/08/94	<u>Emer, Resp.</u>	Superb Qualified	Y	Compliance Met Dt	
	CU Init.	04/06/95	Abate. Met 07/13/94	Superb Determ, Dt	03/05/95	<u>Fin Res Mechanism</u>	
	CU Compl.		Transferred	Project Manager	THOMA, DEBRA L		
	<u>CU &gt; MCL</u>	11/05/07	Source UST	Responsible Party	PANTRY INC		

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## SCDHEC US I Management Tracking Site Information for P-11860 Facility: PANTRY 833

Ranking Rel. No. 1	SCRBCA:	2AA - 0 to 1 yr	threat to he	ealth			FP Thick: Unknown
Analyticals	Contaminan	t <u>uq/L</u>	RBSL	Score	SSTL's		Other Contaminants ug/L SSTL's
	Benzene		5	6	29204		DIPE 33
a state of	Toluene	1	1000	0	8696891		EDB
	Ethylbenzene		700	0	8413101		<b>TAA</b> 10
	Xylene	8.2	10000	0	999999999		TBA 520
	Naphthalene	51	25	2	1544732		WORST CASE
-	MTBE	14	40	0	123669		BTEXMN MW3
		Total	Score:	8			
Receptor Ttyp	e:	CREEK		Ground Wa	ater Flow:	N	
Distancd to F	leceptor:	30		<u>Seepage Ve</u>	elocity:	102	N
GW Depth:		5.5					

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SuperB	<u>Origina</u>	l Qualifie	d Date	19-SEP-9	4						
<u>Check List</u>	Release	e Reporte	ed:	07/05/94							
<u>Rel. No.</u> 1	<u>Deduct</u>	<u>ible Groι</u>	up from I	<u>Release Re</u>	port Date:	25K			· • • =		
	Y <u>All tank</u>	<u>s Regist</u>	ered? T	anks must	<u>be registe</u>	red Before e	ligible.		8.4% 1.55		
	Y <u>Fees P</u> a	aid to dat	te?								
	N <u>Contar</u>	nination i	requiring	Remediati	on confirn	ned?					
			<u> </u>	Enviro Com	ipany				<b>Deductible</b>	<u>Limit</u>	Amount
	N <u>Enviro</u>	Insuranc	<u>e?</u>								4
	<u>A writte</u>	en staterr	<u>ent of N</u>	o Insuranc	e dated:	07/29/94					
	Abatem	ent Met:	07/13	/94	Abateme	ent Method:	Emptie	ed			
	Approv	ed by:	MADA	BHUSHI, SI	RIRAM			Approved date:	03/05/95	Qualifie	d?Y
<u>Rel. No.</u> 2	Reported	02/01/0	i Štatu	us Confirm	ed - Closed	Product		Petroleum	Compl Requi	red Y	
Active Tnks	NFA	11/29/03		Type With		RBCA / S	core	2AA 94	Compliance M		
	Confirmed	10/17/0		r, Resp.		Superb C	ualified	n •.	Compliance		
	CU Init.	10/17/0		te, Met		Superb E	eterm, Df	t	Fin Res Mech	anism	
	CU Compl.		Tran	sferred		Project N	lanager	THOMA, DEBRA	L		1 an Augu
	<u>CU &gt; MCL</u>	11/05/07	7 <u>Sou</u>	r <u>ce</u> L	JST	Respons	ible Party	PANTRY INC		<u>.</u>	- <u></u>
Ranking	SCRBCA:	2AA - (	) to 1 yr t	hreat to hea	lth			FP Thick:	Unknown		
Rel. No. 2	<u>+</u>		-								
Analyticals	<u>Contaminan</u>	<u>t</u>	<u>ug/L</u>	RBSL	<u>Score</u>	<u>SSTL's</u>		Other Con	<u>taminants</u>	ug/L	<u>SSTL's</u>
	Benzene		220	5	44 5	29204 8696891		EDB LEAD		.02 5.6	
	Toluene Ethylbenzene	<b>_</b>	5400 1700	1000 700	5	8413101		MW-2B NC	) FP	5,6 0	
	Xylene		10200	10000	1	999999999		WORST C		v	
	Naphthalene		1000	25	40	1544732		2B			
	MTBE		41	40	1	123669					
			Total S	Score:	94						14 ⁰ 1 1 1 1 1 1
		CREEK		G	Fround Wa	ater Flow:	NW				
Receptor Ttype	<u>):</u>	UKEEN									
Receptor Ttype Distancd to Re	_	10			eepage Ve	elocity:	102				

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## SCDHEC US1 Management Tracking Site Information for P-11860 Facility: PANTRY 833

BOTH billable and unbillable tanks

<u>Tank No.</u>	1	<u>Const.</u>	05/22/89	<u>Class</u>	۰P	<u> Tank Const. Mat.</u>	FP	<u>Pipe Const. Mat.</u>	FP
		<u>Operate</u>	10/09/89	<u>T Status</u>	CIU	Tank Protect.	FC <u>CP</u>	Pipe Protect.	FC <u>CP</u>
		<u>Notify</u>	05/05/89	<u>Capacity</u>	10,000	Tank Cont. Meth.	SW	Pipe Cont, Meth,	SW
		<u>Variance</u>		Product	RUL	Overfill Type	BFVV <u>Ver</u> 05/22/89	<u>Piping Type</u>	PR State
		Compl.	02/09/11	<u>C Status</u>	IN	Age @ Notif.	0	Dist. to Well	300
		Spill Det.	05/22/89	Left Gal.	r	Owner @ ABD			Last Use
		Aband.		Method		CAS No.	<u>Chem.</u>		·
		<u>Under Dis</u>	spenser Co	<u>ent.</u> Y	Drop Tube	Y <u>Tank Leak De</u>	et. SIR 02/24/05	<u>Pipe Leak Det.</u>	LLD 12/28/10 SIR 12/28/10
Tank No.	2	Const.	05/22/89	<u>Class</u>	P	Tank Const, Mat.	FP	Pipe Const. Mat.	FP
		Operate	10/09/89	T Status	CIU	Tank Protect.	FC <u>CP</u>	Pipe Protect.	FC <u>CP</u>
		Notify	05/05/89	Capacity	10,000	Tank Cont. Meth.	sw	Pipe Cont. Meth.	SW
		Variance		Product	PLUS	Overfill Type	BFVV <u>Ver</u> 05/22/89	Piping Type	PR
		Compl.	02/09/11	C Status	IN	Age @ Notif.	0	Dist. to Well	300
		Spill Det.	05/22/89	Left Gal.		Owner @ ABD			<u>Last Use</u>
		Aband.		Method		CAS No.	<u>Chem.</u>		
		Under Dis	spenser Co	ent. Y	Drop Tube	Y <u>Tank Leak De</u>	et. SIR 05/22/06	<u>Pipe Leak Det.</u>	LLD 12/28/10 SIR 12/28/10
ľank No.	3	Const.	05/22/89	<u>Class</u>	Р	Tank Const. Mat.	FP	Pipe Const. Mat.	FP
		<u>Operate</u>	10/09/89	T Status	CIU	Tank Protect.	FC <u>CP</u>	<u>Pipe Protect,</u>	FC <u>CP</u>
		<u>Notify</u>	05/05/89	<u>Capacity</u>	10,000	Tank Cont, Meth.	SW	Pipe Cont. Meth.	SW
		<u>Variance</u>		Product	PREM	Overfill Type	BFVV Ver 05/22/89	<u>Piping Type</u>	PR
		Compl.	02/09/11	<u>C Status</u>	IN	Age @ Notif.	0	Dist, to Well	300
		<u>Spill Det.</u>	05/22/89	<u>Left Gal.</u>		Owner @ ABD			<u>Last Use</u>
		Aband.		Method		CAS No.	<u>Chem.</u>		
		Under Dis	spenser Co	<u>nt.</u> Y	Drop Tube	Y <u>Tank Leak De</u>	<u>∌t.</u> SIR	<u>Pipe Leak Det.</u>	SIR 12/28/10 LLD 12/28/10

 Description
 Descript la t L

h 🧳 Hischifter	SC DITEC	Home POI	NC RAL Con		onmental rgroun	Control
L. L.			e Tanl			u
	00	orag	- 1 OLAI		10019	
		Facility Na		SPEAKS 107		
		Site Numbe		19478		
			r Last Name: r First Name:	SPEAKS OIL CO	DINC	
		Address 1:	r First Name:	495 HWY 601 :	S	
		Address 1: Address 2:		TOO TWIN CCF	-	
		City:		LUGOFF		
		State:		SC		
		Zip:		29078		
		County:		Kershaw		
			Displaying all	tanks:		
Product: MP	CAS Code:	Capacity: 25000	<b>Tank Status:</b> CIU	Compliance Status: IN	Compliance Status Date: 1/13/2011	<b>Distance to Well (feet):</b> 50
Tank Construction: SC	Tank Protection: FC	Protection Test Date:	Tank Containment Method: <u>DW</u>	Overfill Type: DTSO	Aband/Closure Date:	Aband/Closure Method:
Pipe Construction: FX	Pipe Protection: FX	Pipe Protection Test Date:	Pipe Containment Method: DW	Piping Type: PR	Tank Leak Detects: IM 10/21/09	Pipe Leak Detects: ELD IMV LTT 01/13/2011
			Back to Se	arch		

http://www.scdhec.gov/environment/lwm/Databases/tanks_db/select.asp?site_num=19478... 2/24/2011

## SCDHEC US I Management Tracking BOTH billal Site Information for P-19478 Facility: SPEAKS 107

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BOTH billable and unbillable tanks

Bus.								· · · · · · · · · · · · · · · · ·	
Address	495 HWY 601 S LUGOFF	SC 29078	<u>Phone</u> County	803-438-5990 Kershaw		District Sumter	EQC Office		
ategory	Retail Sales	Last	Inspection	01/13/11	<u>Trans.</u>	of Ownership	. <b>.</b>		
<u>ank Owner</u> Bus.	SPEAKS OIL CO IN PO BOX 68	C	an a	· · · · ·		Correction of the second se	incial Respons	<u>ibility</u>	
ddress	CAMDEN	SC 29020-006	8 Phone	803-432-3501		Financial Mech		piration Da	ite
perator				н Х		Letter of Credit	12	January 202	22
lus. Iddress			Phone			and the second s			
and Owner	SPEAKS OIL CO IN 121 E DEKALB ST	c		ant An Anna Anna Anna Anna Anna Anna Anna A	<i>'</i> 1	ینیند. ۲۰ ۲۰۱۹ - ۲۰۱۹ - ۲۰۱۹ - ۲۰۱۹ - ۲۰۱۹ - ۲۰۱۹ - ۲۰۱۹ - ۲۰۱۹ - ۲۰۱۹ - ۲۰۱۹ - ۲۰۱۹ - ۲۰۱۹ - ۲۰۱۹ - ۲۰۱۹ - ۲۰۱۹ - ۲۰			
ddress	CAMDEN	SC 29020	<u>Phone</u>	803-432-3501		1. T			
anks	1 <u>Billable</u>	Aband.	0 <u>Other</u>	0					
	Complian	ce Operator(s)			ID	Training Date	2		
Significant? Site Memo:	Y <u>Memo Date:</u> Interstitial Monitoring		nate at last dis	sp furthest from th	ne tanks;	, visual monitorin	g at both ends		· · · · · · · · · · · · · · · · ·
			nate at last dis	sp furthest from t	ne tanks	, visual monitorin	g at both ends		
ite Memo:	Interstitial Monitoring	y: piping runs termir				; visual monitorin			
	Interstitial Monitoring 1 <u>Const.</u> 08/	9: piping runs termir 06/09 <u>Class</u>	P <u>I</u>	ank Const. Mat.	sc		Pipe Const. N		
ite Memo:	Interstitial Monitoring 1 <u>Const.</u> 08/ <u>Operate</u> 11/	9: piping runs termir 06/09 <u>Class</u> 03/09 <u>T Status</u>	P I CIU I	ank Const. Mat.	SC	visual monitorin	Pipe Const. M Pipe Protect.	FX	<u>CP</u>
ite Memo:	Interstitial Monitoring 1 <u>Const.</u> 08// <u>Operate</u> 11// <u>Notify</u> 08//	9: piping runs termir 06/09 <u>Class</u> 03/09 <u>T Status</u> 06/09 <u>Capacity</u>	P I CIU I 25,000 I	ank Const. Mat.	SC FC DW		Pipe Const. N	FX	<u>СР</u>
ite Memo:	Interstitial Monitoring 1 <u>Const.</u> 08/ <u>Operate</u> 11/ <u>Notify</u> 08/ <u>Variance</u>	9: piping runs termir 06/09 <u>Class</u> 03/09 <u>T Status</u> 06/09 <u>Capacity</u>	P I CIU I 25,000 I MP <u>Q</u>	ank Const. Mat. ank Protect. ank Cont. Meth.	SC FC DW	<u>CP</u>	Pipe Const. N Pipe Protect. Pipe Cont. Me	FX eth. DW	<u>CP</u>
ite Memo:	Interstitial Monitoring 1 <u>Const.</u> 08/ <u>Operate</u> 11/ <u>Notify</u> 08/ <u>Variance</u>	06/09 <u>Class</u> 03/09 <u>T Status</u> 06/09 <u>Capacity</u> <u>Product</u> 13/11 <u>C Status</u>	P I CIU I 25,000 I MP Q IN <u>A</u>	ank Const. Mat. ank Protect. ank Cont. Meth. Iverfill Type	SC FC DW DTSC	<u>CP</u>	Pipe Const. M Pipe Protect. Pipe Cont. Me Piping Type	FX eth. DW PR 50	_
ite Memo:	Interstitial Monitoring 1 <u>Const.</u> 08// <u>Operate</u> 11// <u>Notify</u> 08// <u>Variance</u> - <u>Compl.</u> 01/	06/09 <u>Class</u> 03/09 <u>T Status</u> 06/09 <u>Capacity</u> <u>Product</u> 13/11 <u>C Status</u>	P I CIU I 25,000 I MP Q IN A Q	ank Const. Mat. ank Protect, ank Cont. Meth. Iverfill Type ge @ Notif.	SC FC DW DTSC	<u>CP</u> 9 <u>Ver</u> 10/19/09	Pipe Const. M Pipe Protect. Pipe Cont. Me Piping Type Dist. to Well	FX eth. DW PR 50 Last	_
te Memo:	Interstitial Monitoring 1 <u>Const.</u> 08/ <u>Operate</u> 11// <u>Notify</u> 08/ <u>Variance</u> <u>Compl.</u> 01/ <u>Spill Det.</u> 10/	26/09 <u>Class</u> 03/09 <u>T Status</u> 06/09 <u>Capacity</u> 06/09 <u>Capacity</u> 13/11 <u>C Status</u> 19/09 <u>Left Gal.</u> <u>Method</u>	P I CIU I 25,000 I MP Q IN A Q	ank Const. Mat. ank Protect. ank Cont. Meth. verfill Type .ge @ Notif. wmer @ ABD AS No.	SC FC DW DTSC 0 <u>Che</u>	<u>CP</u> 9 <u>Ver</u> 10/19/09	Pipe Const. M Pipe Protect. Pipe Cont. Me Piping Type Dist. to Well	FX PR 50 Last	_

- - - -

## **SPEAKS 107** 495 HWY 601 S

LUGOFF, SC 29078

Inquiry Number: April 12, 2011

# EDR Site Report[™]



440 Wheelers Farms Road Milford, CT 06461 Toll Free: 800.352.0050 www.edmet.com

## WASTE MANAGEMENT

## Facility manages registered underground storage tanks

#### DATABASE: Petroleum Storage Tank Database (UST)

SPEAKS 107 495 HWY 601 S LUGOFF, SC 29078 EDR ID #U004140907

## UST:

ST: Facility ID; Owner: Owner Contact: Owner Address: Owner City,St,Zip: Owner Phone: Contact: Contact Tel:

Tank ID: Capacity: Product: Calcage: Status: 19478 SPEAKS OIL CO INC RICHARD CLARK 121 E DEKALB ST CAMDEN, SC 803-432-3501 RICHARD CLARK 803-438-5990

1 25000 Multiple Petroleum Products 0 Currently in use

1	South	a Car	olina 1	Under	rgroun	d
	St	orag	e Tanl	k Reg	istry	
	Facility N Site Num	ber:	05344		UIPMENT CO INC	
		ier Last Nan ier First Nar		HANICAL & EQ	UIPMENT CO INC	
	Address 1 Address 2		HWY 601 S			
	City: State: Zip: County:		LUGOFF SC 29078-0276 Kershaw	6		
	-		Displaying all	tanks:		
Product: KN	CAS Code:	<b>Capacity:</b> 560	Tank Status: ABD	Compliance Status:	Compliance Status Date:	Distance to Well (feet):
Tank Construction: SL	Tank Protection: PT	Protection Test Date:	Tank Containment Method: <u>SW</u>	Overfill Type:	Aband/Closure Date: 11/11/1911	Aband/Closur Method: RG
Pipe Construction: <u>SL</u>	Pipe Protection: PT	Pipe Protection Test Date:	Pipe Containment Method: <u>SW</u>	Piping Type:	Tank Leak Detects:	Pipe Leak Detects:
Product: GN	CAS Code:	<b>Capacity:</b> 3000	Tank Status: <u>ABD</u>	Compliance Status:	Compliance Status Date:	Distance to Well (feet):
Tank Construction: SL	<b>Tank Protection:</b> PT	Protection Test Date:	Tank Containment Method: <u>SW</u>	Overfill Type:	Aband/Closure Date: 3/19/1992	Aband/Closur Method: RG
Pipe Construction: <u>SL</u>	Pipe Protection: PT	Pipe Protection Test Date:	Pipe Containment Method: <u>SW</u>	Piping Type:	Tank Leak Detects:	Pipe Leak Detects:

### **WOLFE MECHANICAL & EQUIPMENT CO**

HWY 601 S LUGOFF, SC

Inquiry Number: April 12, 2011

# EDR Site Report™



440 Wheelers Farms Road Milford, CT 06461 Toll Free: 800.352.0050 www.edmet.com

### WASTE MANAGEMENT

### Facility manages registered underground storage tanks

### DATABASE: Petroleum Storage Tank Database (UST)

WOLFE MECHANICAL & EQUIPMENT CO INC HWY 601 S LUGOFF, SC EDR ID #U003526774

UST: Facility ID: Sadd Owner: Owner Contact: Owner Contact: Owner City,St,Zip: Contact: Contact: Contact: WILLIAM HYMAN WILLIAM HYMAN Contact Tel: -Contact Tel: -----------

Tank ID: Capacity: Product: Calcage: Status:

Tank ID: Capacity: Product: Calcage: Status: 2 560 Kerosene Not reported Abandoned

1 3000 Gasoline

5 Abandoned

South Carolina Underground Storage Tank Registry Page 2 of 2	Product:       CasCool:       Conditioner       Demonstrate       Demonstrate	http://www.sodhee.gov/environment/lwm/Databases/tanks_db/select.asp?site_num=05369 2/24/2011
South Carolina Underground Storage Tank Registry Page 1 of 2		http://www.scdhcc.gov/environment/lwni/Databases/tanks_db/sclect.asp?site_num=05369 2/24/2011

lus.		Y 601 S		Pho			District Country	500.05		
ddress	LUC	OFF	SC 29078	<u>Cou</u>	i <b>nty</b> Kershaw		District Sumter	EQC Office		211
ategory	Reta	ail Sales		Last Inspecti	<u>on</u>	Trans.	of Ownership		2	1945 (Be.)
ank Owner		AKS OIL CO INC	<b>)</b> , si terk							م الم مراجع المراجع
ius.		BOX 68		0000 Dh-	000 400 0504		Financial Mech	ancial Responsibilit Danism	Y. tion Date	
ddress	CAN	ADEN.	SC 29020	-0068 <u>Pho</u>	<u>ne</u> 803-432-3501		Training Date		tion Date	
)perator lus.							<u>, ridning Dak</u>	<u>-</u>		1. 19 J. 19
ddress			e de la companya de l La companya de la comp	Pho	ne					N 1
and Owner										
lus.										
ddress				<u>Pho</u>	ne					
an <u>ks</u>	4	<u>Billable</u> 0		4 <u>Othe</u>						
		Complian	ce Operator(s	<u>)</u>		D				
Tank No.	1	Const.	<u>Class</u>	R	<u>Tank Const. Mat.</u>	SL		Pipe Const. Mat.	SL	
		Operate	T Stat	us ABD	<u>Tank Protect.</u>	PT	<u>CP</u>	Pipe Protect.	CF	2
		<u>Notify</u>	<u>Capac</u>	<u>ity</u> 2,000	<u>Tank Cont. Meth.</u>	SW		Pipe Cont. Meth.	SW	
		<u>Variance</u>	<u>Produ</u>	<u>ct</u> DL	<u>Overfill Type</u>		<u>Ver</u>	Piping Type		
		<u>Compl.</u>	<u>C Stat</u>	us	<u>Age @ Notif.</u>			Dist. to Well		
		<u>Spill Det.</u>	<u>Left G</u>		Owner @ ABD		KS OIL CO INC		Last Use	
			11/11 <u>Metho</u> ser Cont. N		CAS No.	<u>Che</u>	<u>m.</u>	Pipe Leak Det		
		Under Dispens		Drop Tub						
<u>Tank No.</u>	2	Const.	<u>Class</u>	R	Tank Const. Mat.	SL	0.0	Pipe Const. Mat.		
		<u>Operate</u>		us ABD	<u>Tank Protect.</u> Tank Cont. Moth	PT SW	<u>CP</u>	<u>Pipe Protect.</u> Pipe Cont. Meth.	<u>CF</u> SW	-
		<u>Notify</u> Varian <u>ce</u>	<u>Capac</u> Produ		Tank Cont. Meth. Overfill Type	300	Ver	Piping Type	000	
		Compl.	<u>C Stat</u>	_	Age @ Notif.		<u></u>	Dist. to Well		· 4
		Spill Det.	Left G		Owner @ ABD	SPEA	KS OIL CO INC		Last Use	
	14 5 - 1		11/11 Metho	-	CAS No.	Che	<u>m.</u>	and the Alexandre		n na Ar Ar A
		Under Dispens		Drop Tub	N <u>Tank Leak D</u>	et.		<u>Pipe Leak Det</u>	<b>.</b>	
Tank No.	3	Const.	Class	R	Tank Const. Mat.	SL		Pipe Const, Mat,	SL	·····
	Ŭ	Operate	<u>T Stat</u>		Tank Protect.	PT	<u>CP</u>	Pipe Protect.	- CF	• • • • •
		Notify	Capac		Tank Cont. Meth.	sw		Pipe Cont. Meth.	sw	
		Variance	Produ		Overfill Type		Ver	Piping Type		· · · ·
		<u>Compl.</u>	<u>C Stat</u>	us	<u>Age @ Notif.</u>			Dist. to Well		
		<u>Spill Det.</u>	<u>Left G</u>	<u>al.</u>	Owner @ ABD	SPEA	KS OIL CO INC		<u>Last Use</u>	
			1/11 <u>Metho</u>		CAS No.	<u>Che</u>	<u>m.</u>			i de la compañía de la
		Under Dispens	<u>ser Cont.</u> N	Drop Tub	N <u>Tank Leak D</u>	<u>et.</u>		Pipe Leak Det	<u> </u>	
<u>Tank No.</u>	4	<u>Const.</u>	<u>Class</u>	R	<u>Tank Const. Mat.</u>	SL		<u>Pipe Const. Mat.</u>		
		<u>Operate</u>	<u>T Stat</u>	us ABD	<u>Tank Protect.</u>	PT	<u>CP</u>	<u>Pipe Protect.</u>	<u>CF</u>	-
		<u>Notify</u>	<u>Capac</u>	<u>ity</u> 1,000	<u>Tank Cont. Meth.</u>	SW		Pipe Cont. Meth.	SW	
		<u>Variance</u>	<u>Produ</u>		Overfill Type		<u>Ver</u>	Piping Type		
		Com <u>pl.</u>	C Stat	us	<u>Age @ Notif.</u>			<u>Dist. to Well</u>		
					A	000			1	
		Spill Det.	Left G	_	<u>Owner @ ABD</u> CAS No.	SPEA Che			<u>Last Use</u>	

### SCDHEC USI Management Tracking

BOTH billable and unbillable tanks

Site Information for N-05324 Facility: MOAKS EXXON 46382

<u>Bus.</u> Address	I 20 & US 601 PO BOX LUGOFF		29778	Phone County	Kershaw	District Sumter EQC Office
Category	National Marketer		Last Ins	pection		Trans. of Ownership
<u>Tank Owner</u> <u>Bus.</u> <u>Address</u>	EXXON MOBIL PO BOX 4336-1115B HOUSTON	тх	77210-4336	<u>Phone</u>	205-879-5095	Financial Responsibility Financial Mechanism Expiration Date
<u>Operator</u> <u>Bus,</u> <u>Address</u>	<ul> <li>A second sec second second sec</li></ul>			Phone		<u>Training Date</u>
<u>Land Owner</u> <u>Bus.</u> Address	р Р			Phone		$\sum_{i=1}^{n} \frac{1}{(1+i)^{n-1}} \sum_{i=1}^{n-1} \frac{1}{(1+i)^{n-1}$
<u>Tanks</u>	4 <u>Billable</u> 0 <u>Compliance</u>	<u>Aba</u> Ope		<u>Other</u>	0	ID

<u>Rel. No.</u> 1 <u>Active Tnks</u>	Reported NFA Confirmed CU Init. CU Compl. CU > MCL	12/20/91 06/29/00 03/18/92 03/18/92 06/29/00		<u>pe</u> Witl <u>Resp.</u> <u>Met</u> erred	ned - Closed h SUPERB 11/11/92 UST	Product RBCA / Score Superb Qualified Superb Determ. Dt Project Manager Responsible Party	Petroleum 3BF 48 Y 03/28/94 BRINEY, STEPHAI EXXON MOBIL	<u>Compl Required</u> <u>Compliance Met</u> <u>Compliance Met Dt</u> <u>Fin Res Mechanism</u> NIE M	
Ranking Rel. No. 1	SCRBCA:	3BF ~ GW	< 15 fee	t in san	d or gravel		FP Thick:	Unknown	
Analyticals	Contaminant	t u	g/L	RBSL	Score	<u>SSTL's</u>	Other Cont	aminants ug	<u>'L SSTL's</u>
	Benzene	-	36	5	7	0			
	Toluene	12:	500	1000	13	0			
14 A.	Ethylbenzene	2	700	700	4	0			
14.2	Xylene	153	350	10000	2	0		94	
	Naphthalene	- ¹	562	25	22	0			
	MTBE		0	40	, · <u>0</u>	0			1
		]	fotal Sco	re:	48				
Receptor Ttype	<u>.</u>			·	Ground Wat	er Flow:			
Distancd to Re	eceptor:	1			Seepage Vel	ocity:	يوند. موجد ومحدد والد	24. F. J.	
GW Depth:									

<u>SuperB</u> <u>Check List</u> <u>Rel. No.</u>	1	Y	Original Qualified Date       18-MAR-92         Release Reported:       12/20/91         Deductible Group from Release Report Date:       No deductible         All tanks Registered?       Tanks must be registered Before eligible.		
		Y	Fees Paid to date?		
		N	Contamination requiring Remediation confirmed? Enviro Company	Deductible	Limit Amount
		Ν	Enviro Insurance?		
			A written statement of No Insurance dated:         01/29/92           Abatement Met:         11/11/92         Abatement Method:         Permanently closed		
			Approved by: EFIS Approved da	ate: 03/28/94	<u>Qualified?</u> Y

### SCDHEC US I Management Tracking

BOTH billable and unbillable tanks

Site Information for N-05324 Facility: MOAKS EXXON 46382

ank No.	1	Const.		Class	N	Tank Const. Mat.	FP		Pipe Const. Mat.	FP	
		Operate		T Status	ABD	Tank Protect.		<u>CP</u>	Pipe Protect.	<u>CP</u>	
		Notify 00	6/23/87	Capacity	8,000	Tank Cont. Meth.	sw		Pipe Cont. Meth.	SW	- 554
		Variance	18 - 19 - A	Product	GN	<u>Overfill Type</u>		<u>Ver</u>	Piping Type		
		Compl.		C Status		Age @ Notif.	5		Dist. to Well		
· · ·		Spill Det.		<u>Left Gal.</u>		Owner @ ABD	EXXO	N MOBIL		<u>Last Use</u>	n an Anna Anna Anna Anna Anna Anna Anna
		Aband. 08	8/03/92	Method	RG	CAS No.	Cher	<u>n.</u> ,			
		<u>Under Dispe</u>	enser Con	<u>it.</u> N	Drop Tube	N <u>Tank Leak De</u>	<u>et.</u>		Pipe Leak Det.		;
ank No.	2	Const,		Class	N	Tank Const. Mat.	FP		Pipe Const. Mat.	FP	, t _j .
		Operate		T Status	ABD	Tank Protect.		CP	Pipe Protect.	CP	
		Notify 00	6/23/87	Capacity	8,000	Tank Cont. Meth.	SW		Pipe Cont. Meth.	SW	
		Variance		Product	GN	Overfill Type		<u>Ver</u>	Piping Type		
		Compl.		C Status		Age @ Notif.	5		Dist. to Well		
		Spill Det.		<u>Left Gal.</u>		Owner @ ABD	EXXO	N MOBIL		<u>Last Use</u>	
		Aband. 08	8/03/92	Method	RG	CAS No.	<u>Cher</u>	<u>n.</u>			
		Under Dispe	enser Con	<u>t.</u> N	Drop Tube	N <u>Tank Leak De</u>	et.		<u>Pipe Leak Det.</u>		
ank <u>No.</u>	3	Const,		Class	N	Tank Const. Mat.	FP		Pipe Const, Mat.	FP	
		Operate		T Status	ABD	Tank Protect,		<u>CP</u>	Pipe Protect.	CP	
		Notify 06	6/23/87	Capacity	8,000	Tank Cont. Meth.	sw		Pipe Cont. Meth.	sW	
		Variance		Product	GN	Overfill Type		Ver	Piping Type		
		Compl.		C Status		Age @ Notif.	5		Dist. to Well		
		Spill Det.		<u>Left Gal.</u>		Owner @ ABD	EXXO	N MOBIL		<u>Last Use</u>	
		Aband. 08	8/03/92	Method	RG	CAS No.	<u>Cher</u>	<u>n.</u>			
		<u>Under Dispe</u>	enser Con	<u>it.</u> N	Drop Tube	N <u>Tank Leak De</u>	<u>et.</u>		Pipe Leak Det.		
ank No.	4	Const.		Class	N	Tank Const. Mat.	FP		Pipe Const. Mat.	FP	
		Operate		T Status	ABD	Tank Protect.		<u>CP</u>	Pipe Protect.	CP	
		Notify 00	6/23/87	Capacity	1,000	Tank Cont. Meth.	sw		Pipe Cont, Meth,	SW	
		Variance		Product	WO	Overfill Type		Ver	Piping Type		
		Compl.		C Status		Age @ Notif.	5		Dist, to Well		
		Spill Det.		Left Gal.		Owner @ ABD	EXXO	N MOBIL		Last Use	:
		Aband, 08	8/03/92	Method	RG	CAS No.	<u>Cher</u>	<u>n.</u>		τ.	
		Under Dispe	enser Con	t. N	Drop Tube	N Tank Leak De	et.		Pipe Leak Det.	ay and the	

. . . . .

South Carolina Underground Storage Tank Registry

Page 1 of 2

Aband/Closure Method: <u>RG</u> Aband/Closure Method: <u>RG</u> Distance to Well (feet): Distance to Well (feet): Pipe Leak Detects: Pīpe Leak Detects: Aband/Closure , Date: 8/3/1992 Aband/Ciosure Date: 8/3/1992 Compliance Status Date: Compliance Status Date: Tank Leak Detects: Tank Leak Detects: South Carolina Department of Health Compliance Status: Compliance Status: Overfill Type: Overfill Type: Piping Type: Piping Type: Back to Search Tank Status: ABD Tank Status: 1 ABD Containment Method: <u>SW</u> unent Ë ž South Carolina Underground Storage Tank Registry Tank Containm Method: <u>SW</u> Tank Containm Method: SW Pipe Containm Method: <u>SW</u> Pipe Capacity: 8000 Tank Protection Protection: Test Date: Pipe Pipe Protection: Test Date: Capacity: 8000 Pipe Pipe Pipe Pipe Construction: Protection EP Tank Protection Protection: Test Date: CAS Code: CAS Code: Pipe Construction: 1 FP Tank Construction: EP Tank Construction: FP Stelleytero Product: GN Product: <u>GN</u> ဖ္န Aband/Closure Method: <u>RG</u> Aband/Closure Method: <u>RG</u> Distance to Well (feet): N. C. Depertuers of Realth and Environmental Constrait Constraints Distance to Well (feet): Pipe Leak Detects: Pipe Leak Detects: South Carolina Underground Aband/Closure | Date: 8/3/1992 Aband/Closure Compliance Status Date: Tank Status: Compliance Compliance <u>ABI</u> Status: Status Date: Tank Leak Detects: Tank Leak Detects: Storage Tank Registry Date: 8/3/1992 I 20 & US 601 PO BOX 14 MOAKS EXXON 46382 05324 12/20/1991 3/18/1992 CLASS3BF Tank Status: Compliance ABD Status: Tank Owner Last Name: EXXON MOBIL Overfill Type: Overfill Type: Piping Type: Piping Type: Displaying all releases: **Environmental Quality Control** LUGOFF SC Cleanup Complete Date: SCRBCA Class Code: CU Qualified Index: Y ≻ Displaying all tanks: Kershaw 29778 Pipe Containment P Method: T <u>SW</u> Pipe Containment P Method: T SW Containment Method: SW Tank Containment Method: Tank Owner First Name: Release Number: Confirmed Date: Release Date: Tank SW Facility Name: Capacity: 1000 Pipe Pipe Pipe Construction: Pipe Protection <u>FP</u> Test Date: Site Number: Tank Protection Protection: Test Date: Pipe Pipe Protection: Test Date: CAS Code: Capacity: 8000 Tank Protection Protection: Test Date: Address 2: City: Address 1: County: State: Zì**p**: CAS Code: Pipe Construction: FP Tank Construction: FE Tank Construction: FP Product: GN Product: WO

http://www.scdhcc.gov/environment/]wnn/Databases/tanks_db/select.asp?isite_num=05324... 2/24/2011

http://www.scdlhec.gov/enviroument/!wm/Databases/tanks_db/select.asp?site_num=05324... 2/24/2011

Page 2 of 2

# **MOAKS EXXON 46382**

I 20 & US 601 BOX 14 LUGOFF, SC 29778

Inquiry Number: April 12, 2011

# EDR Site Report™



440 Wheelers Farms Road Milford, CT 06461 Toll Free: 800.352.0050 www.edmet.com

### **MULTIMEDIA**

Facility is listed in a county/local unique database

#### DATABASE: State/County (LOCAL)

MOAKS EXXON 46382 I 20 & US 601 BOX 14 LUGOFF, SC 29778 EDR ID #S108979369

 RCR:
 Extity Responsibility:
 Exxon Mobil

 Region:
 4

 Tax Id:
 TM LOC 324 BLOCK 27

 Latitude:
 32.915619

 Longitude:
 -81.078804

 Tracking Number:
 5324

 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

 Condtions:
 Public Noticed Corrective Action Plan

 Associated Response/Corrective Action:
 Not reported

 Associated Chemicals Requiring:
 Benzene Toluene Ethylbenzene Xylene Naphthalene

# MOAKS EXXON 46382

I 20 & US 601 PO BOX 14 LUGOFF, SC 29778

Inquiry Number: April 12, 2011

# EDR Site Report™



440 Wheelers Farms Road Milford, CT 06461 Toll Free: 800.352.0050 www.edmet.com

### WASTE MANAGEMENT

### Facility manages registered underground storage tanks

#### DATABASE: Petroleum Storage Tank Database (UST)

MOAKS EXXON 46382 I 20 & US 601 PO BOX 14 LUGOFF, SC 29778 EDR ID #U003523657

UST:

Facility ID: Owner: Owner Contact: Owner Address: Owner City,St,Zip: Owner Phone: Contact: Contact: Contact Tel:

Tank ID: Capacity: Product: Calcage: Status:

Tank ID: Capacity: Product: Calcage: Status:

Tank ID: Capacity: Product: Calcage: Status:

Tank ID: Capacity: Product: Calcage: Status: 5324 EXXON MOBIL HEBER BRANHAM 217 COUNTRY CLUB PARK PMB# 101 BIRMINGHAM, AL 35213-4237 205-879-5095 HEBER BRANHAM Not reported 1 8000 Gasoline 5 Abandoned 2 8000 Gasoline 5 Abandoned 3 8000 Gasoline 5

5 Abandoned

4 1000 Waste Oil 5 Abandoned

,

...Continued...

### WASTE MANAGEMENT

### Facility has reported leaking underground storage tank incidents

DATABASE: Leaking Petroleum Storage Tank Database (LUST)

MOAKS EXXON 46382 I 20 & US 601 PO BOX 14 LUGOFF, SC 29778 EDR ID #U003523657

LUST: Facility ID: Release Number: Facility Status: Substance: Owner: NFA Date: Date Confirmed: Report Date: Rank:	05324 1 monitored natural attenuation PETRO EXXON MOBIL 06/29/00 03/18/92 12/20/91 3BF
LUST DETAIL: Release Date: Cleanup Complete Date: RP Name: RP Address: RP City: RP State: RP Zip: SCRBCA Class Code: Depth to Ground Water: Ground Water Flow Direction Project Manager: Release Fin Type Code:	12/20/1991 Not reported EXXON MOBIL 217 COUNTRY CLUB PARK PMB# 101 BIRMINGHAM AL 35213-4237 CLASS3BF Not reported Not reported SRINEY, STEPHANIE M With SUPERB

# **EXXON CO USA 4 6382** I20 & US 601 LUGOFF, SC 29078

Inquiry Number: April 12, 2011

# EDR Site Report™



440 Wheelers Farms Road Milford, CT 06461 Toll Free: 800.352.0050 www.edmet.com

#### WASTE MANAGEMENT

#### Facility generates hazardous waste

#### DATABASE: Resource Conservation and Recovery Information (RCRAInfo)

EXXON CO USA 4 6382 120 & US 601 LUGOFF, SC 29078 EDR ID #1004780473 RCRA-CESQG: Date form received by agency: 11/26/1990 Facility name: EXXON CO USA 4 6382 EXXON CO USA 4 638 120 & US 601 LUGOFF, SC 29078 SCD987580370 PO BOX 4415 HOUSTON, TX 77210 ALDA POOL PO POY 4447 Facility address: EPA ID: Mailing address: Contact: Contact address: PO BOX 4415 HOUSTON, TX 77210 Contact country: US Contact telephone: (713) 656-7709 Contact email: Not reported EPA Region: 04 04 Conditionally Exempt Small Quantity Generator Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month and accumulates at any time; 1 kg or less of acutely Classification: Description: during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste Owner/Operator Summary: EXXON CO USA PO BOX 4415 Owner/operator name: Owner/operator address: HOUSTON, TX 77210 Not reported (713) 656-7761 Owner/operator country: Owner/operator telephone: Legal status: Owner/Operator Type: Owner/Op start date: Owner/Op end date: Private Owner Not reported Not reported Handler Activities Summary: U.S. importer of hazardous waste: Mixed waste (haz. and radioactive): Recycler of hazardous waste: No Unknown No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: Used oil fuel burner: No No Used oil processor: No User oil refiner: Used oil fuel marketer to burner: No No Used oil Specification marketer: Used oil transfer facility: No No Used oil transporter: No Off-site waste receiver: Verified to be non-commercial Universal Waste Summary: Waste type: Accumulated waste on-site: Batteries No Generated waste on-site: Not reported Waste type: Lamps Accumulated waste on-site: No Not reported Generated waste on-site: Pesticides Waste type:

...Continued...

Accumulated waste on-site: Generated waste on-site:

Waste type: Accumulated waste on-site: Generated waste on-site:

Hazardous Waste Summary: Waste code: Waste name:

Violation Status:

D018 BENZENE

No Not reported

Thermostats No Not reported

No violations found

South Carolina Underground Storage Tank Registry

Page 1 of 2

South Carolina Underground Storage Tank Registry

Protection Test Date: Pipe Protection Test Date: Protection Test Date: Pipe Protection Test Date: Protection Test Date: Pipe Protection Test Date: Pipe Protection Test Date: Capacity: 4000 Capacity: 5000 Tank Protection Protection: Test Date: Capacity: 8000 Capacity: 8000 Tank Protection: 7 Tank Protection: 1 Tank Protection: Pipe Protection: Pipe Protection: Pipe Protection: Pipe Protection: CAS Code: CAS Code: CAS Code: CAS Code: Tank Construction: F Pipe Construction: P Tank Construction: Pipe Construction: | <u>Si</u> Tank Construction: 7 SL Pipe Construction: | <u>Si</u> Tank Construction: <u>입</u> Pipe Construction: <u>SL</u> S(@##)##?( Product: GN Product: GN Product: GN Product: <u>GN</u> 0. 11 c Aband/Closure Method: <u>RG</u> Aband/Closure Method: Aband/Closure Method: Distance to Well (feet): Distance to Well (feet): Distance to Well (feet): S. C. Department of Realth and Environmental Coaltra Pipe Leak Detects: Pipe Leak Detects: Pipe Leak Detects: 2 South Carolina Underground Aband/Closure Date: 12/11/1989 Aband/Closure Date: 12/11/1989 Aband/Closure Date: 12/11/1989 Compliance Status Date; Compliance Status Date: Compliance Status Date: Tank Leak Detects: Tank Leak Detects: Tank Leak Detects: Storage Tank Registry Tank Owner Last Name: CAMEN GAS & OIL CO Tank Owner First Name: Address 1: 120 & US 601 Address 2: LUGOFF City: HANDY MARKET 101 Compliance Status: Compliance Status: Tank Status: Compliance <u>ABD</u> Status: Overfill Type: Overfill Type: Overfill Type: Piping Type: Piping Type: Piping Type: LUGOFF SC 29078 Kershaw Environmental Quality Control Displaying all tanks: 09948 Pipe Containment F Method: 1 SW Pipe Containment F Method: T SW Tank Containment ( Method: 7 SW Tank Status: 0 ABD Pipe Containment Method: 3<u>W</u> Tank Status: ABD ŝ Tank Containm Method: <u>SW</u> Tank Containm Method: SW Facility Name: Site Number: Protection ( Test Date; | Pipe Protection Test Date: Pipe Protection Test Date: Protection Test Date: Pipe Protection Test Date: Tank Protection Protection: Test Date: Capacity: 3000 Capacity: 4000 Capacity: 3000 Zip: County: State: Pipe Protection: . Tank Protection: ` Pipe Protection: . Tank Protection: Pipe Protection: CAS Code: CAS Code: CAS Code: Pipe Construction: <u>SL</u> Pipe Construction: | <u>SL</u> Tank Construction: SL Pipe Construction: SL Tank Construction: <u>SL</u> Tank Construction: S.L Product: DL Product: DL Product: DL

Aband/Closure Method:

Aband/Closure Date: 12/11/1989

Overfill Type:

Tank Containme Method: <u>SW</u>

50

Pipe Leak Detects:

Tank Leak Detects:

Piping Type:

Pipe Containment H Method: S<u>W</u>

Back to Search

South Carol

Distance to Well (feet):

Compliance Status Date:

Compliance Status:

Tank Status: <u>ABD</u>

Aband/Closure Method:

Aband/Closure Date: 12/11/1989

Overfill Type:

Tank Containme Method: <u>SW</u>

Pipe Leak Detects:

Tank Leak Detects:

Piping Type:

Pipe Containment | Method: SW

Distance to Well (feet):

Compliance Status Date:

Compliance Status:

Tank Status: <u>ABD</u>

http://www.scdhec.gov/environment/iwm/Databases/tanks_db/select.asp?site_num=09948... 2/24/2011

http://www.scdhec.gov/environment/lwn/Databases/tanks_db/select.asp?site_num=09948... 2/24/2011

Page 2 of 2

Aband/Closure Method:

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Aband/Closure Date: 12/11/1989

Overfill Type:

Tank Containm Method: <u>SW</u>

Pipe Leak Detects:

Tank Leak Detects:

Pìping Type:

Pipe Containment | Method: SW

Distance to Well (feet):

Compliance Status Date:

Compliance Status:

Tank Status: 1 ABD

Aband/Closure Method:

Aband/Closure Date: 12/11/1989

Overfill Type:

<u>s</u>

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Pipe Leak Detects:

Tank Leak Detects:

Piping Type:

Pipe Containme Method: <u>SW</u>

Distance to Well (feet):

Compliance Status Date:

Compliance Status:

Tank Status: ABD Tank Containment Method:

# SCDHEC US | Management | racking BOTH billable and unbillable tanks

Site Info	ormation for N-09948	Facility: HANDY MARKET 101
Bus.	20 & US 601	Phone

Category Category Retail Sales       Lest Inspection       Trans. of Ownership         Category Cat	<u>Bus.</u>		& US 601	Pho		
Tank Owner       CAMDEN GAS & OL CO       Description       Bioschilder       Financial Responsibility         Gerator       SC 20020       Phone       803-432-6106       Financial Mechanian       Experiation Date         Gerator       SC 20020       Phone       803-432-6106       Financial Mechanian       Experiation Date         Address       Phone       Bioschilder       Phone       803-432-6106       Financial Responsibility         Address       Phone       Financial Responsibility       Training Date       Experiation Date         Bioschilder       Phone       Financial Responsibility       Experiation Date       Training Date         Bioschilder       Phone       Financial Responsibility       Experiation Date       Training Date         Bioschilder       Phone       7       Other       0       Experiation Date         Tank No.       1       Const.       Class       N       Tank Const. Mat.       SL       Pipe Protect.       CP         Variance       Product       SU       Tank Const. Mat.       SL       Pipe Lask Det.       Experiation Date         Tank No.       1       Const.       Class       N       Tank Const. Mat.       SL       Pipe Lask Det.         Tank No.       2	Address	LUC	SOFF S	C 29078 <u>Cou</u>	nty Kershaw	District Sumter EQC Office
Bus, Address       CAMOEN       SC 29020       Phone Phone       803-432-6106       Einancial Machanism       Expiration Date         Constance Bus, Address       Phone       803-432-6106       Financial Machanism       Expiration Date         Tanken       7       Billable       0       Aband, Compliance Operator(s)       0         Tank No, Bus, Address       7       Billable       0       Aband, Compliance Operator(s)       7       Other December Compliance Operator(s)       10         Tank No, Bus, Address       1       Censt, Compliance Operator(s)       Tank Const. Mat, December Compliance Operator(s)       St. December Compliance Operator(s)       Plop Const. Mat, St. December Compliance Operator(s)       St. December Compliance Operator(s)       St. December Compliance Operator(s)       December Compliance Operator(s)       CAMDEN GAS & OIL CO Last Use Compliance Operator(s)       CAMDEN GAS & OIL CO Last Use Compliance Operator(s)       December Compliance Operator(s)       Cambrid December Compliance Operator(s)       Dece	<u>Category</u>	Reta	ail Sales	Last Inspecti	on	Trans. of Ownership
Address CAMDEN SC 20020 Phone 803-432-6106 Financial Mechanism Expiration Date Dearator Bis. Address Phone End Owner Bus. Address Phone Tank No. 1 Const. Class N Tank Const. Mat. SL Pipe Const. Mat. SL Operate I Status ABD Tank Protect. CP Pipe Protect. CP Natify Capacity 5,000 Tank Cont. Mat. SL Pipe Const. Mat. SL Operate I Status ABD Tank Protect. CP Natify Capacity 8,000 Tank Cont. Mat. SL Pipe Const. Mat. SL Operate I Status ABD Tank Protect. CP Natify Capacity 8,000 Tank Cont. Mat. SL Pipe Const. Mat. SL Operate I Status ABD Tank Protect. CP Natify Capacity 8,000 Tank Cont. Mat. SL Pipe Const. Mat. SL Operate I Status ABD Tank Protect. CP Natify Capacity 8,000 Tank Cont. Mat. SL Pipe Cont. Mat. SL Operate I Status ABD Tank Protect. CP Natify Capacity 8,000 Tank Cont. Mat. SL Pipe Cont. Mat. SL Operate I Status ABD Tank Protect. CP Natify Capacity 8,000 Tank Cont. Mat. SL Pipe Cont. Mat. SL Operate I Status ABD Tank Protect. CP Natify Capacity 8,000 Tank Cont. Mat. SL Pipe Const. Mat. SL Operate I Status ABD Tank Protect. CP Natify Capacity 8,000 Tank Cont. Mat. SL Operate I Status ABD Tank Cont. Mat. SL Operate I Status ABD Tank Cont. Mat. SL Natify Capacity 8,000 Tank Cont. Mat. SL Pipe Cont. Mat. SL Pipe Leak Det. Tank No. 3 Cont. Ciase N Tank Cont. Mat. SL Pipe Leak Det. Tank No. 3 Cont. Ciase N Tank Cont. Mat. SL Pipe Leak Det. Tank No. 3 Cont. Ciase N Tank Cont. Mat. SL Pipe Leak Det. Tank No. 4 Cont. Mat. SL Pipe Cont. Mat. SL Operate I Status ABD Tank Protect. CP Natify Capacity 8,000 Tank Cont. Mat. SL Pipe Cont. Mat. SL Operate I Status ABD Tank Protect. CP Natify Capacity 8,000 Tank Cont. Mat. SL Pipe Cont. Mat. SL Operate I Status ABD Tank Protect. CP Pipe I Leak Det. Natify Capacity 8,000 Tank Cont. Mat. SL Pipe Cont. Mat. SL Operate I Status ABD Cam. Denet. Mat. SL Pipe Cont. Ma	Tank Owner Bus.			מא		
Bus. Matricess       Phone         Matricess       Phone         Bus. Address       Phone         Bus. Address       Phone         Tank No.       7       Billable       0         Tank No.       1       Const.       Class       N         Tank No.       1       Const.       Class       N         Tank No.       1       Const.       Class       N         Tank No.       1       Const.       Class       N       Tank Const. Mat.       St.         Pipe Protect.       Operate       Listus       ABD       Tank Protect.       CP       Pipe Protect.       CP         Solil Det.       Left Gal.       Owerfill Tyze       Var       Pipe Const. Mat.       St.         Solil Det.       Left Gal.       Owerfill Tyze       Var       Pipe Leak Det.       East Use         Aaand, 12/11/89       Method       RG       CAS No.       Chem.       Pipe Leak Det.       CP         Tank No.       2       Const.       Class N       Tank Const. Mat.       St.       Pipe Leak Det.       CP       Pipe Protect.       CP       CP       Pipe Trate.       CP       CP       Pipe Trate.       CP       CP       CP	Address				ne 803-432-6106	Financial Mechanism Expiration Date
Land Owner Bus, Address Phone Phon	<u>Operator</u> Bus.				_	Training Date
Bus,       Phone         Tanks       7       Billable       0       Aband.       7       Other       0         Tanks       7       Billable       0       Aband.       7       Other       0         Tanks       1       Compliance Operator(s)       ID       ID       ID         Tank No.       1       Const.       Class       N       Tank Const. Mat.       SL       Pipe Const. Mat.       SL         Compliance Operator(s)       Sum Const. Mat.       SL       Pipe Const. Mat.       SL       CP         Notify       Caseacity       5000       Tank Const. Mat.       SL       Pipe Const. Mat.       SL         Compl.       Cistitus       ABO       Tank Const. Mat.       SL       Pipe Const. Mat.       SL         Compl.       Cost       Deprotect       CP       Deprotect       CP         Aband.       12/11/89       Method       RG       CAS No.       Chem.         Under Disponser Cont.       N       Deprotect.       CP       Pipe Const. Mat.       SL         Spill Det.       Left Cast       Owerrifl Type       Ver       Pipe Const. Mat.       SL         Compl.       Castaus       Ape @ Notifs <th>Address</th> <th></th> <th></th> <th><u>Pho</u></th> <th>ne</th> <th></th>	Address			<u>Pho</u>	ne	
Address       Phone         Tanks       7       Billable       0       Aband.       7       Other       0         Tanks       7       Billable       0       Aband.       7       Other       0         Tanks       7       Billable       0       Aband.       7       Other       0         Tank No.       1       Const.       Class       N       Tank Const. Mat.       SL       Pipe Const. Mat.       SL         Variance       Product       GN       Overfill Type       Ver       Pipe Const. Mat.       SL         Spill Det       Laft Gat.       Overfill Type       Ver       Pipe Lask Det.       Last Use         Tank No.       2       Const.       Cass No.       Chem.       Pipe Lask Det.       Last Use         Tank No.       2       Const.       Cass No.       Chem.       Pipe Lask Det.       Const. Mat.       SL       Pipe Lask Det.         Tank No.       2       Const.       Cass No.       Tank Cont. Meth.       SW       Pipe Const. Mat.       SL       Operate       I Status       Aband.       Tank Cont. Meth.       SW       Pipe Lask Det.       Const. Mat.       SL       Operate       Cass No.       Chem.	Land Owner					
Image: Second Status     Image: Second Status       Tank No.     1     Const.     Class     N       Tank No.     2     Const.     Left Gal.     Owner @ ABD       Compliance Obsponser Cont.     N     Drop Tube     N     Tank Cont. Math.       Shill Det.     Left Gal.     Owner @ ABD     CAMDEN GAS & Oll. CO     Last Use       Aband.     12/11/68     Method     RG     GAS No.     Chem.       Under Dispenser Cont.     N     Drop Tube     N     Tank Cont. Math.     Sl.     Pipe Cont. Math.       Yariance     Product     GN     Owner @ ABD     CAMDEN GAS & Oll. CO     Last Use       Compl.     C.Status     Ane @ Notif.     Slib. to Weil     Scanser.     CP       Spill Det.     Left Gal.     Owner @ ABD     CAMDEN GAS & Oll. CO     Last Use       Compl.     C.Status     Ane @ Notif.     Dist. to Weil     Scanser.       Spill Det.     Left Gal.     Owner @ ABD     CAMDEN GAS & Oll. CO     Last Use </th <th><u>Bus.</u> Address</th> <th></th> <th></th> <th>Pho</th> <th>ne</th> <th>-2004 -</th>	<u>Bus.</u> Address			Pho	ne	-2004 -
Tank No.     1     Const.     Class     N     Tank Const. Mat.     SL     Pipe Const. Mat.     SL       Decrate     I Status     ABD     Tank Protect.     CP     Pipe Protect.     CP       Notify     Canachty 5,000     Tank Cont. Meth.     SW     Pipe Cont. Meth.     SW       Variance     Product     GN     Overfill Type     Vor     Piping Type       Compl.     C Status     Ase @ Notif.     Dist. to Well     Status     Ase @ Notif.       Shill Det.     Left Gal.     Owner @ ABD     CAMDEN GAS & Oll. CO     Last Use       Madro Dispenser Cont.     N     Drop Tube     N     Tank Leak Det.     Pipe Leak Det.       Tank No.     2     Const.     Class     N     Tank Cont. Meth.     SW       Variance     Product     GN     Overfill Type     Ver     Pipe Cont. Meth.     SW       Variance     Product     GN     Overfill Type     Ver     Piping Type       Compl.     C Status     Age @ Notif.     Dist. to Weil     SW       Shill Det.     Left Gal.     Owner@ ABD     CAMDEN GAS & Oll. CO     Last Use       Aband.     12/11/89     Method     RG     CAS No.     Chem.       Under Dispenser Cont.     N     Dron	Tanks	7	<u>Billable</u> 0 <u>A</u>	band. 7 <u>Other</u>	0	
Operate       Istatus       ABD       Tank Protect.       CP       Pipe Protect.       CP         Notify       Ganacity       5,000       Tank Cont. Meth.       SW       Pipe Cont. Meth.       SW         Variance       Product       GN       Overfill Type       Ver       Piping Type       Dist. to Well         Spill Det.       Left Gal.       Owner @ ABD       CAMDEN GAS & Oll. CO       Last Use         Moner Dispenser Cont.       N       Drop Tube       N       Tank Leak Det.       Pipe Const. Mat.       SL         Tank No.       2       Const.       Class       N       Tank Cont. Meth.       SW       Pipe Const. Mat.       SL         Variance       Product       GN       Overfill Type       Ver       Pipe Const. Mat.       SL         Variance       Product       GN       Overfill Type       Ver       Piping Type         Compl.       C Status       Age @ Notif.       Dist. to Well       Su         Spill Det.       Left Gal.       Owner @ ABD       CAMDEN GAS & Oll. CO       Last Use         Aband.       12/11/89       Method       RG       CAS No.       Chem.         Under Dispenser Cont.       N       Drop Tube       N       Tank Lea			Compliance Op	perator(s)		<u>ID</u>
Operate         Istatus         ABD         Tank Protect.         CP         Pipe Protect.         CP           Notify         Gapacity         5,000         Tank Cont. Meth.         SW         Pipe Cont. Meth.         SW           Variance         Product         GN         Overfill Type         Ver         Pipe Cont. Meth.         SW           Spill Det.         Left Gal.         Owner@ABD         CAMDEN GAS & OIL CO         Last Use           Junder Dispenser Cont.         N         Drop Tube         N         Tank Leak Det.         Pipe Leak Det.           Tank No.         2         Const.         Class         N         Tank Cont. Meth.         SU           Variance         Product         GAS         N         Tank Const. Mat.         SL         Pipe Const. Mat.         SL           Operate         I Status         ABD         Tank Cont. Meth.         SW         Pipe Const. Mat.         SL           Operate         I Status         ABD         Tank Cont. Meth.         SW         Pipe Const. Mat.         SL           Operate         I Status         ABD         Tank Cont. Meth.         SW         Pipe Const. Mat.         SL           Operate         I Status         ABD         Cant. Cont.						
Operate         Istatus         ABD         Tank Protect.         CP         Pipe Protect.         CP           Notify         Ganacity         5,000         Tank Cont. Meth.         SW         Pipe Cont. Meth.         SW           Variance         Product         GN         Overfill Type         Ver         Piping Type         Dist. to Well           Spill Det.         Left Gal.         Owner @ ABD         CAMDEN GAS & Oll. CO         Last Use           Moder Dispenser Cont.         N         Drop Tube         N         Tank Leak Det.         Pipe Leak Det.           Tank No.         2         Const.         Class         N         Tank Const. Mat.         SL         Pipe Const. Mat.         SL           Notify         Ganacity         8,000         Tank Const. Mat.         SL         Pipe Const. Mat.         SL           Notify         Ganacity         8,000         Tank Cont. Meth.         SW         Pipe Const. Mat.         SL           Operate         I Status         ABD         Tank Cont. Meth.         SW         Pipe Const. Mat.         SL           Operate         I Status         ABD         Tank Cont. Meth.         SW         Pipe Leak Det.         CP           Notify         Ganacity			· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·
Notify     Ganacity     5,000     Tank Cont. Meth.     SW     Pipe Cont. Meth.     SW       Variance     Product     GN     Overfill Type     Ver     Piping Type       Spill Det.     Left Gal.     Owner @ ABD     CAMDEN GAS & Oll. CO     Last Use       Jand.     12/11/89     Method     RG     CAS No.     Chem.       Under Dispenser Cont.     N     Drop Tube     N     Tank Leak Det.     Pipe Leak Det.       Solid Const.     N     Drop Tube     N     Tank Leak Det.     Pipe Const. Mat.     SL       Operate     I Status     ABD     Tank Const. Mat.     SL     Pipe Const. Mat.     SL       Yariance     Product     GN     Owner @ ABD     CAMDEN GAS & Oll. CO     Last Use       Aband.     12/11/89     Method     RG     CAS No.     Chem.       Under Dispenser Cont.     N     Drop Tube     N     Tank Const. Mat.     SL     Pipe Const. Mat.     SL       Operate     I Status     ABD     Tank Const. Mat.     SL     Dist. to Weil     Sull Sector       Aband.     12/11/89     Method     RG     CAS No.     Chem.     Dist. To Weil     Sull Sector       Inder Dispenser Cont.     N     Drop Tube     N     Tank Leak Det.	<u>Tank No.</u>	1	<u>Const.</u>	<u>Class</u> N	<u>Tank Const. Mat.</u>	SL Pipe Const. Mat. SL
Variance       Product       GN       Overfill Type       Ver       Piping Type         Spill Det       C Status       Ade @ Notif.       Dist. to Well       Dist. to Well         Spill Det       Left Gal.       Owner@ABD       CAMDEN GAS & OIL CO       Last Use         Aband, 12/11/89       Method       RG       CAS No.       Chem.         Under Dispenser Cont.       N       Drop Tube       N       Tank Leak Det.       Pipe Leak Det.         Tank No.       2       Const.       Class       N       Tank Const. Mat.       SL       Pipe Const. Mat.       SL         Operate       T Status       ABD       Tank Cont. Mat.       SL       CP       Pipe Const. Mat.       SL         Operate       T Status       ABD       Tank Cont. Mat.       SU       Pipe Cont. Meth.       SW         Variance       Product       GN       Overfill Type       Ver       Pipe Ing Type         Compl.       C Status       Age @ Notif.       Outer@ABD       CAMDEN GAS & OIL CO       Last Use         Aband.       12/11/89       Method       RG       CAS No.       Chem.       CP         Tank No.       3       Const.       Class       N       Tank Const. Mat.			<u>Operate</u>		Tank Protect.	<u>CP</u> <u>Pipe Protect</u> <u>CP</u>
Sound Letter     Compl.     C Status     Age @ Notif.     Dist. to Well       Aband.     12/11/89     Method     RG     CAS No.     Chem.       Junder Dispenser Cont.     N     Drop Tube     N     Tank Leak Det.     Pipe Leak Det.       Tank No.     2     Const.     Class     N     Tank Const. Mat.     SL     Pipe Const. Mat.     SL       Notify     Capacity     800     Tank Protect.     CP     Pipe Const. Mat.     SU       Notify     Capacity     800     Tank Protect.     CP     Pipe Const. Mat.     SU       Yariance     Product     GN     Owner @ ABD     CAMDEN GAS & Oll CO     Last Use       Aband.     12/11/89     Method     RG     CAS No.     Chem.       Yariance     Product     GN     Owner @ ABD     CAMDEN GAS & Oll CO     Last Use       Spill Det.     Left Gal.     Owner @ ABD     CAMDEN GAS & Oll CO     Last Use       Aband.     12/11/89     Method     RG     CAS No.     Chem.       Under Dispenser Cont.     N     Tank Const. Mat.     SL     Pipe Cont. Meth.     SW       Operate     I Status     ABD     Tank Cont. Math.     SW     Pipe Cont. Meth.     SW       Operate     I Status			<u>Notify</u>	<u>Capacity</u> 5,000	Tank Cont. Meth.	
Spill Det.     Left Gal.     Owner @ ABD     CAMDEN GAS & Oll CO     Last Use       Tank No.     2     Const.     N     Prop Tube     N     Tank Leak Det.     Pipe Leak Det.     Image Const. Mat.     SL       Tank No.     2     Const.     Glass     N     Tank Const. Mat.     SL     Pipe Const. Mat.     SL       Operate     I Status     ABD     Tank Protect.     CP     Pipe Const. Mat.     SL       Variance     Product     GN     Owner @ ABD     CAMDEN GAS & Oll CO     Last Use       Solil Det.     Left Gal.     Owner @ ABD     CAMDEN GAS & Oll CO     Last Use       Solil Det.     Left Gal.     Owner @ ABD     CAMDEN GAS & Oll CO     Last Use       Solil Det.     Left Gal.     Owner @ ABD     CAMDEN GAS & Oll CO     Last Use       Aband.     12/11/89     Method     RG     CAS No.     Chem.       Under Dispenser Cont.     N     Drop Tube     N     Tank Leak Det.     Pipe Leak Det.       Tank No.     3     Const.     Class     N     Tank Const. Mat.     SL     Pipe Const. Mat.     SL       Yariance     Product     GN     Owner @ ABD     CAMDEN GAS & Oll CO     Last Use       Solil Det.     Class     N     Tank Const. Mat			<u>Variance</u>		<u>Overfill Type</u>	
Aband, 12/11/89       Method Under Dispenser Cont.       N       Prop Tube       N       Tank Leak Det.       Pipe Leak Det.         Tank No.       2       Const., Operate       Class       N       Tank Const. Mat. SL       SL       Pipe Const. Mat. SL       SL         Notify       Capacity       S,000       Tank Cont. Meth. S,000       SV       Pipe Protect.       CP         Notify       Capacity       S,000       Tank Cont. Meth. SV       SV       Pipe Cont. Meth. SV       SV         Variance       Product       GN       Overfill Type       Ver       Piping Type         Compl.       C Status       Age @ Notif.       Dist. to Well       Status       Status         Aband.       12/11/89       Method       RG       CANDEN GAS & Oll CO       Last Use         Joinder Dispenser Cont.       N       Drop Tube       N       Tank Leak Det.       Pipe Const. Mat. SL       SL         Tank No.       3       Const.       Class       N       Tank Const. Mat. SV       SL       Pipe Const. Mat. SV       SL         Variance       Product       GN       Overr@ ABD       CAMDEN GAS & Oll CO       Last Use         Aband, 12/11/89       Method       RG       CAS No.       Chem. <th></th> <th></th> <th></th> <th><u>C Status</u></th> <th></th> <th></th>				<u>C Status</u>		
Inder Dispenser Cont.     N     Drop Tube     N     Tank Leak Det.     Pipe Leak Det.       Tank No.     2     Const.     Class     N     Tank Const. Mat.     SL     Pipe Const. Mat.     SL       Dperate     I Status     ABD     Tank Protect.     CP     Pipe Const. Mat.     SL       Notify     Capacity     8,000     Tank Protect.     CP     Pipe Const. Meth.     SW       Variance     Product     GN     Overrill Type     Ver     Piping Type       Compl.     C Status     Age @ Notif.     Dist. to Well     Jank Protect.     Dist. to Well       Spill Det.     Left Gal.     Owner @ ABD     CAMDEN GAS & OIL CO     Last Use       Aband.     12/11/89     Method     RG     CAS No.     Chem.       Under Dispenser Cont.     N     Drop Tube     N     Tank Const. Mat.     SL     Pipe Const. Mat.     SL       Goreate     I Status     ABD     Tank Const. Mat.     SL     Pipe Const. Mat.     SL     CP       Notify     Capacity     4,000     Tank Const. Mat.     SL     Pipe Cont. Meth.     SW       Variance     Product     GN     Overfill Type     Ver     Piping Type       Compl.     C Status     Age @ Notif.     Dis						CAMDEN GAS & OIL CO Last Use
Tank No.       2       Const.       Class       N       Tank Const. Mat.       SL       Pipe Const. Mat.       SL         Operate       I Status       ABD       Tank Protect.       CP       Pipe Protect.       CP         Notify       Capacity       8,000       Tank Const. Math.       SW       Pipe Const. Math.       SW         Variance       Product       GN       Owner @ ABD       CAMDEN GAS & Oll CO       Last Use         Aband.       12/11/89       Method       RG       CAS No.       Chem       East Use         Under Dispenser Cont.       N       Drop Tube       N       Tank Const. Mat.       SL       Pipe Leak Det.       East Use         Tank No.       3       Const.       Class       N       Tank Const. Mat.       SL       Pipe Const. Mat.       SL         Notify       Capacity       ABD       Tank Protect.       CP       Pipe Const. Mat.       SL         Operate       I Status       ABD       Tank Const. Mat.       SL       Pipe Const. Mat.       SL         Operate       I Status       ABD       Tank Const. Mat.       SL       CP       Pipe Const. Mat.       SL         Operate       I Status       ABD       Tank Const						
Operate       T Status       ABD       Tank Protect,       CP       Pipe Protect,       CP         Notify       Capacity       8,000       Tank Cont. Meth.,       SW       Pipe Cont. Meth.,       SW         Variance       Product       GN       Overfill Type       Ver       Piping Type       Dist. to Well         Spill Det.       Left Gal,       Owner @ ABD       CAMDEN GAS & Oll CO       Last Use         Aband,       12/11/89       Method       RG       CAS No.,       Chem,         Under Dispenser Cont.       N       Drop Tube       N       Tank Cont. Mat,       SL       Pipe Const. Mat,       SL         Operate       T Status       ABD       Tank Cont. Mat,       SL       Pipe Const. Mat,       SL         Notify       Capacity       4,000       Tank Cont. Meth,       SW       Pipe Cont. Meth,       SW         Variance       Product       GN       Overfill Type       Ver       Piping Type         Shift Det,       Left Gal,       Overfill Type       Ver       Pipe Const. Mat,       SU         Shift Det,       Left Gal,       Overfill Type       Ver       Piping Type         Shift Det,       Left Gal,       Overef @ ABD       CAMDEN GAS & Oll CO			Under Dispenser Co	ont, N <u>Drop Tube</u>	N <u>Tank Leak D</u>	<u>Det. Pipe Leak Det.</u>
Notify       Capacity       8,000       Tank Cont. Meth.       SW       Pipe Cont. Meth.       SW         Variance       Product       GN       Overfill Type       Ver       Piping Type         Compl.       C Status       Age @ Notif.       Dist. to Weil       Last Use         Aband.       12/11/89       Method       RG       CAMDEN GAS & OIL Co       Last Use         Inder Dispenser Cont.       N       Drop Tube       N       Tank Leak Det.       Pipe Leak Det.         Tank No.       3       Const.       Class       N       Tank Const. Mat.       SL       Pipe Const. Mat.       SL         Yariance       Class       N       Tank Const. Mat.       SL       Pipe Const. Mat.       SL         Yariance       Class       N       Tank Const. Mat.       SW       Pipe Const. Mat.       SW         Yariance       Product       GN       Overfill Type       Ver       Piping Type         Yariance       Product       GN       Overfill Type       Ver       Pipe Leak Det.         Yariance       Product       GN       Overfill Type       Ver       Piping Type         Yariance       Product       RG       CAS <no.< td="">       Chem.       Chem.</no.<>	<u>Tank No.</u>	2	<u>Const.</u>		Tank Const. Mat.	SL <u>Pipe Const. Mat.</u> SL
Variance       Product       GN       Overfill Type       Ver       Piping Type         Compl.       C Status       Age @ Notif.       Dist. to Well       Dist. to Well       Dist. to Well         Spill Det.       Left Gal.       Owner @ ABD       CAMDEN GAS & OIL CO       Last Use         Aband.       12/11/89       Method       RG       CAS No.       Chem.       Pipe Leak Det.         Iank No.       3       Const.       Class       N       Tank Const. Mat.       SL       Pipe Const. Mat.       SL         Operate       T Status       ABD       Tank Const. Mat.       SL       Pipe Const. Mat.       SL         Variance       Product       GN       Overfill Type       Ver       Pipe Const. Mat.       SL         Operate       T Status       ABD       Tank Protect.       CP       Pipe Const. Mat.       SL         Variance       Product       GN       Overfill Type       Ver       Pipe Cont. Meth.       SW         Spill Det.       Left Gal.       Owner @ ABD       CAMDEN GAS & OIL CO       Last Use         Aband.       12/11/89       Method       RG       CAS No.       Chem.         Under Dispenser Cort.       N       Tank Const. Mat. <td< th=""><th></th><th></th><th><u>Operate</u></th><th>T Status ABD</th><th><u>Tank Protect.</u></th><th><u>CP</u> <u>Pipe Protect.</u> <u>CP</u></th></td<>			<u>Operate</u>	T Status ABD	<u>Tank Protect.</u>	<u>CP</u> <u>Pipe Protect.</u> <u>CP</u>
Compl.       C Status       Age @ Notif.       Dist. to Well         Spill Det.       Left Gal.       Owner @ ABD       CAMDEN GAS & OIL CO       Last Use         Aband.       12/11/89       Method       RG       CAS No.       Chem.         Junder Dispenser Cont.       N       Drop Tube       N       Tank Leak Det.       Pipe Leak Det.         Tank No.       3       Const.       Class       N       Tank Leak Det.       CP       Pipe Leak Det.         Motify       Capacity       4,000       Tank Const. Mat.       SL       Pipe Const. Mat.       SL         Variance       Product       GN       Tank Const. Meth.       SW       Pipe Cont. Meth.       SW         Spill Det.       Left Gal.       Owner @ ABD       CAMDEN GAS & OIL CO       Last Use         Aband.       12/11/89       Method       RG       CAS No.       Chem.         Variance       Product       GN       Owner @ ABD       CAMDEN GAS & OIL CO       Last Use         Aband.       12/11/89       Method       RG       CAS No.       Chem.       Dist. to Well         Motify       Capacity       Age @ Notif.       SL       Pipe Leak Det.       Dipe Protect.       CP         Ta			<u>Notify</u>	<u>Capacity</u> 8,000	<u>Tank Cont. Meth.</u>	SW Pipe Cont. Meth. SW
Spill Det.       Left Gal.       Owner @ ABD       CAMDEN GAS & OIL CO       Last Use         Aband.       12/11/89       Method       RG       CAS No.       Chem.       Pipe Leak Det.       Pipe Leak Det.         Tank No.       3       Const.       Class       N       Tank Const. Mat.       SL       Pipe Leak Det.       CP         Motify       Gapacity       4,000       Tank Cont. Meth.       SW       Pipe Const. Mat.       SL         Variance       Product       GN       Owner @ ABD       CAMDEN GAS & OIL CO       Last Use         Spill Det.       Class       N       Tank Const. Mat.       SL       Pipe Const. Mat.       SL         Variance       Product       GN       Overfill Type       Ver       Piping Type       SW         Spill Det.       Left Gal.       Owner @ ABD       CAMDEN GAS & OIL CO       Last Use         Aband.       12/11/89       Method       RG       CAS No.       Chem.         Tank No.       4       Const.       Class       N       Tank Leak Det.       Pipe Leak Det.         Tank No.       4       Const.       Class       N       Tank Const. Mat.       SL       Pipe Const. Mat.       SL         Operate <th></th> <th></th> <th><u>Variance</u></th> <th><u>Product</u> GN</th> <th>Overfill Type</th> <th></th>			<u>Variance</u>	<u>Product</u> GN	Overfill Type	
Aband.       12/11/89       Method.       RG       CAS No.       Chem.         Tank No.       3       Const.       N       Drop Tube       N       Tank Leak Det.       Pipe Leak Det.         Tank No.       3       Const.       Class       N       Tank Const. Mat.       SL       Pipe Const. Mat.       SL         Operate       T Status       ABD       Tank Protect.       CP       Pipe Const. Mat.       SV         Notify       Capacity       4,000       Tank Cont. Meth.       SW       Pipe Cont. Meth.       SW         Variance       Product       GN       Overfill Type       Ver       Piping Type         Compl.       C Status       Age @ Notif.       Dist. to Well       SW         Spill Det.       Left Gal.       Owner @ ABD       CAMDEN GAS & Oll. CO       Last Use         Aband.       12/11/89       Method       RG       CAS No.       Chem.         Tank No.       4       Const.       Class       N       Tank Const. Mat.       SL         Operate       T Status       ABD       Tank Const. Mat.       SL       Pipe Const. Mat.       SL         Tank No.       4       Const.       Class       N       Tank Const. Mat				<u>C Status</u>		
Under Dispenser Cont.       N       Drop Tube       N       Tank Leak Det.       Pipe Leak Det.         Tank No.       3       Const.       Class       N       Tank Const, Mat.       SL       Pipe Const. Mat.       SL         Motify       Capacity       4,000       Tank Cont. Meth.       SW       Pipe Cont. Meth.       SW         Variance       Product       GN       Overrfill Type       Ver       Piping Type         Compl.       C Status       Age @ Notif.       Dist. to Well       SW         Spill Det.       Left Gal.       Owner @ ABD       CAMDEN GAS & Oll CO       Last Use         Aband.       12/11/89       Method       RG       CAS No.       Chem.         Under Dispenser Cont.       N       Tank Cont. Mat.       SL       Pipe Const. Mat.       SL         Tank No.       4       Const.       Class       N       Tank Cont. Mat.       SL       Pipe Leak Det.         Tank No.       4       Const.       Class       N       Tank Cont. Mat.       SL       Pipe Const. Mat.       SL         Variance       Product       GN       Overfill Type       Ver       Pipe Cont. Meth.       SW         Variance       Product       GN						
Tank No.       3       Const.,       Class       N       Tank Const. Mat.       SL       Pipe Const. Mat.       SL         Operate       I Status       ABD       Tank Protect.       CP       Pipe Protect.       CP         Notify       Capacity       4,000       Tank Cont. Meth.       SW       Pipe Const. Mat.       SW         Variance       Product       GN       Overfill Type       Ver       Piping Type         Compl.       C Status       Age @ Notif.       Dist. to Well       SW         Spill Det.       Left Gal.       Owner @ ABD       CAMDEN GAS & Oll CO       Last Use         Aband,       12/11/89       Method       RG       CAS No.       Chem.         Under Dispenser Cont.       N       Drop Tube       N       Tank Leak Det.       Pipe Const. Mat.       SL         Tank No.       4       Const.       Class       N       Tank Const. Mat.       SL       Pipe Const. Mat.       SL         Operate       T Status       ABD       Tank Const. Mat.       SL       Pipe Const. Mat.       SL         Operate       T Status       ABD       Tank Const. Meth.       SW       Pipe Cont. Meth.       SW         Variance       Product						
Operate       T Status       ABD       Tank Protect.       CP       Pipe Protect.       CP         Notify       Capacity       4,000       Tank Cont. Meth.       SW       Pipe Cont. Meth.       SW         Variance       Product       GN       Overfill Type       Ver       Piping Type       SW         Compl.       C Status       Age @ Notif.       Dist. to Well       Last Use       Last Use         Aband.       12/11/89       Method       RG       CAS No.       Chem.       Pipe Const. Mat.       SL         Tank No.       4       Const.       Class       N       Tank Const. Mat.       SL       Pipe Leak Det.       CP         Tank No.       4       Const.       Class       N       Tank Const. Mat.       SL       Pipe Const. Mat.       SL         Motify       Capacity       8,000       Tank Const. Mat.       SL       Pipe Const. Mat.       SL         Motify       Capacity       8,000       Tank Cont. Meth.,       SW       Pipe Cont. Meth.       SW         Variance       Product       GN       Overrill Type       Ver       Piping Type       SW         Notify       Capacity       8,000       Tank Cont. Meth.,       SW <t< th=""><th></th><th></th><th>Under Dispenser Co</th><th>ont. N <u>Drop Tube</u></th><th>N <u>Tank Leak D</u></th><th><u>Det. <u>Pipe Leak Det.</u></u></th></t<>			Under Dispenser Co	ont. N <u>Drop Tube</u>	N <u>Tank Leak D</u>	<u>Det. <u>Pipe Leak Det.</u></u>
Notify       Capacity       4,000       Tank Cont, Meth.       SW       Pipe Cont, Meth.       SW         Variance       Product       GN       Overfill Type       Ver       Piping Type       Dist, to Well       SW         Compl.       C Status       Age @ Notif.       Dist, to Well       Left Gal.       Owner @ ABD       CAMDEN GAS & OIL CO       Last Use         Aband.       12/11/89       Method       RG       CAS No.       Chem.       CP       Pipe Cont, Meth.       SL         Tank No.       4       Const.       Class       N       Tank Const, Mat.       SL       Pipe Const, Mat.       SL         Motify       Capacity       8,000       Tank Const, Mat.       SL       Pipe Const, Meth.       SW         Variance       Product       GN       Overfill Type       Ver       Pipe Cont, Meth.       SW         Variance       Product       GN       Overfill Type       Ver       Pipe Cont, Meth.       SW         Variance       Product       GN       Overfill Type       Ver       Piping Type       SW         Compl.       C Status       Age@ Notif.       Owner @ ABD       CAMDEN GAS & OIL CO       Last Use         Spill Det.       Left Gal.	<u>Tank No.</u>	3	Const.	<u>Class</u> N	<u>Tank Const. Mat.</u>	SL <u>Pipe Const. Mat.</u> SL
Variance       Product       GN       Overfill Type       Ver       Piping Type         Compl.       C Status       Age @ Notif.       Dist. to Well       Last Use         Spill Det.       Left Gal.       Owner @ ABD       CAMDEN GAS & OIL CO       Last Use         Aband.       12/11/89       Method       RG       CAS No.       Chem.         Tank No.       4       Const.       Class       N       Tank Leak Det.       Pipe Const. Mat.       SL         Motify       Capacity       8,000       Tank Protect.       CP       Pipe Cont. Meth.       SW         Variance       Product       GN       Overfill Type       Ver       Pipe Cont. Meth.       SU         Spill Det.       Capacity       8,000       Tank Cont. Meth.       SW       Pipe Cont. Meth.       SW         Variance       Product       GN       Overfill Type       Ver       Piping Type         Compl.       C Status       Age @ Notif.       Dist. to Well       SW         Spill Det.       Left Gal.       Owner @ ABD       CAMDEN GAS & OIL CO       Last Use         Aband.       12/11/89       Method       RG       CAS No.       Chem.			<u>Operate</u>	T Status ABD	Tank Protect.	<u>CP</u> <u>Pipe Protect.</u> <u>CP</u> <u>CP</u>
Compl.       C Status       Age @ Notif.       Dist. to Well         Spill Det.       Left Gal.       Owner @ ABD       CAMDEN GAS & OIL CO       Last Use         Aband.       12/11/89       Method       RG       CAS No.       Chem.         Under Dispenser Cont.       N       Drop Tube       N       Tank Leak Det.       Pipe Leak Det.         Tank No.       4       Const.       Class       N       Tank Const. Mat.       SL       Pipe Const. Mat.       SL         Motify       Capacity       8,000       Tank Cont. Meth.       SW       Pipe Cont. Meth.       SW         Variance       Product       GN       Overfill Type       Ver       Piping Type         Compl.       C Status       Age @ Notif.       Dist. to Well       SW         Spill Det.       Left Gal.       Owner @ ABD       CAMDEN GAS & OIL CO       Last Use         Aband.       12/11/89       Method       RG       CAS No.       Chem.			<u>Notify</u>	<u>Capacity</u> 4,000	<u>Tank Cont. Meth.</u>	SW <u>Pipe Cont. Meth.</u> SW
Spill Det.       Left Gal.       Owner @ ABD       CAMDEN GAS & OIL CO       Last Use         Aband.       12/11/89       Method       RG       CAS No.       Chem.         Tank No.       4       Const.       N       Drop Tube       N       Tank Leak Det.       Pipe Leak Det.         Tank No.       4       Const.       Class       N       Tank Const. Mat.       SL       Pipe Const. Mat.       SL         Operate       T Status       ABD       Tank Cont. Meth.       SW       Pipe Cont. Meth.       SW         Variance       Product       GN       Overfill Type       Ver       Piping Type         Compl.       C Status       Age @ Notif.       Dist. to Well       Dist. to Well         Spill Det.       Left Gal.       Owner @ ABD       CAMDEN GAS & OIL CO       Last Use         Aband.       12/11/89       Method       RG       CAS No.       Chem.				<u>Product</u> GN	Overfill Type	Ver Piping Type
Aband.       12/11/89       Method Under Dispenser Cont.       RG       CAS No.       Chem.         Tank No.       4       Const.       Class       N       Tank Leak Det.       Pipe Leak Det.         Tank No.       4       Const.       Class       N       Tank Const. Mat.       SL       Pipe Const. Mat.       SL         Operate       T Status       ABD       Tank Protect.       CP       Pipe Protect.       CP         Notify       Capacity       8,000       Tank Cont. Meth.       SW       SW       SW         Variance       Product       GN       Overfill Type       Ver       Piping Type         Compl.       C Status       Age @ Notif.       Dist. to Well       Last Use         Spill Det.       Left Gal.       Owner @ ABD       CAMDEN GAS & OIL CO       Last Use         Aband.       12/11/89       Method       RG       CAS No.       Chem.			<u>Compl.</u>	<u>C Status</u>		
Under Dispenser Cont.       N       Drop Tube       N       Tank Leak Det.       Pipe Leak Det.         Tank No.       4       Const.       Class       N       Tank Const. Mat.       SL       Pipe Const. Mat.       SL         Operate       T Status       ABD       Tank Protect.       CP       Pipe Const. Mat.       SL         Notify       Capacity       8,000       Tank Cont. Meth.       SW       Pipe Cont. Meth.       SW         Variance       Product       GN       Overfill Type       Ver       Piping Type       SW         Compl.       C Status       Age @ Notif.       Dist. to Well       Dist. to Well       Last Use         Spill Det.       Left Gal.       Owner @ ABD       CAMDEN GAS & OIL CO       Last Use         Aband.       12/11/89       Method       RG       CAS No.       Chem.						
Tank No.       4       Const.       Class       N       Tank Const. Mat.       SL       Pipe Const. Mat.       SL         Operate       T Status       ABD       Tank Protect.       CP       Pipe Protect.       CP         Notify       Capacity       8,000       Tank Const. Meth.       SW       Pipe Const. Mat.       SW         Variance       Product       GN       Overfill Type       Ver       Piping Type         Compl.       C Status       Age @ Notif.       Dist. to Well       Dist. to Well         Spill Det.       Left Gal.       Owner @ ABD       CAMDEN GAS & OIL CO       Last Use         Aband.       12/11/89       Method       RG       CAS No.       Chem.						
Operate       T Status       ABD       Tank Protect.       CP       Pipe Protect.       CP         Notify       Capacity       8,000       Tank Cont. Meth.       SW       Pipe Cont. Meth.       SW         Variance       Product       GN       Overfill Type       Ver       Piping Type         Compl.       C Status       Age @ Notif.       Dist. to Well       Dist. to Well         Spill Det.       Left Gal.       Owner @ ABD       CAMDEN GAS & OIL CO       Last Use         Aband.       12/11/89       Method       RG       CAS No.       Chem.			Under Dispenser Co	ont. N <u>Drop Tube</u>	N <u>Tank Leak D</u>	<u>Pipe Leak Det.</u>
NotifyCapacity8,000Tank Cont. Meth.SWPipe Cont. Meth.SWVarianceProductGNOverfill TypeVerPiping TypeCompl.C StatusAge @ Notif.Dist. to WellSpill Det.Left Gal.Owner @ ABDCAMDEN GAS & OIL COLast UseAband.12/11/89MethodRGCAS No.Chem.	<u>Tank No.</u>	4	Const.	<u>Class</u> N	<u>Tank Const. Mat.</u>	SL Pipe Const. Mat. SL
Variance     Product     GN     Overfill Type     Ver     Piping Type       Compl.     C Status     Age @ Notif.     Dist. to Well       Spill Det.     Left Gal.     Owner @ ABD     CAMDEN GAS & OIL CO     Last Use       Aband.     12/11/89     Method     RG     CAS No.     Chem.	2		<u>Operate</u>	<u>T Status</u> ABD	Tank Protect.	<u>CP</u> <u>Pipe Protect.</u> <u>CP</u>
Compl.     C Status     Age @ Notif.     Dist. to Well       Spill Det.     Left Gal.     Owner @ ABD     CAMDEN GAS & OIL CO     Last Use       Aband.     12/11/89     Method     RG     CAS No.     Chem.			<u>Notify</u>	Capacity 8,000	Tank Cont. Meth.	SW Pipe Cont. Meth. SW
Spill Det.         Left Gal.         Owner @ ABD         CAMDEN GAS & OIL CO         Last Use           Aband.         12/11/89         Method         RG         CAS No.         Chem.			<u>Variance</u>	Product GN	Overfill Type	Ver Piping Type
Aband. 12/11/89 Method RG CAS No. Chem.			<u>Compl.</u>	<u>C Status</u>	Age @ Notif.	Dist. to Well
			Spill Det.	<u>Left Gal.</u>	Owner @ ABD	CAMDEN GAS & OIL CO Last Use
the day Dispanses Cant M. Dapp Tube M. Tauld and Dat. Disc. Lock D. (						<u>Chem.</u>
Under Dispenser Cont. N Drop Tube N Tank Leak Det. Pipe Leak Det.	L		Under Dispenser Co	ont. N <u>Drop Tube</u>	N <u>Tank Leak D</u>	<u>Pipe Leak Det.</u>

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# SCDHEC US I Management Iracking BOTH billable and unbillable tanks

### Site Information for N-09948 Facility: HANDY MARKET 101

<u>ank No.</u>	5	Const.	<u>Class</u>	N	Tank Const. Mat.	SL	Pipe Const, Mat.	SL	
		Operate	T Status	ABD	Tank Protect.	<u>CP</u>	Pipe Protect.		<u>CP</u>
		<u>Notify</u>	<b>Capacity</b>	3,000	Tank Cont. Meth.	SW	Pipe Cont. Meth.	SW	
		<u>Variance</u>	Product	DL	Overfill Type	<u>Ver</u>	Piping Type		e so da que
		Compl.	C Status		Age @ Notif.		Dist. to Well		
		Spill Det.	Left Gal.	*	Owner @ ABD	CAMDEN GAS	S & OIL CO	<u>Last U</u>	<u>lse</u>
		Aband. 12/11/89	Method	RG	CAS No.	<u>Chem.</u>			4
		<u>Under Dispenser Co</u>	<u>nt.</u> N	Drop Tube	N Tank Leak De	<u>et.</u>	<u>Pipe Leak Det</u>	<u>.</u>	
ank No.	6	Const.	Class	N	Tank Const. Mat.	SL	Pipe Const. Mat.	SL	a 1015.
		Operate	T Status	ABD	Tank Protect.	<u>CP</u>	Pipe Protect.		<u>CP</u> . (13.35)
		Notify	<u>Capacity</u>	3,000	Tank Cont. Meth.	sw	Pipe Cont, Meth,	sw	
		<u>Variance</u>	Product	DL	<u>Overfill Type</u>	Ver	Piping Type		
		Compl.	C Status		<u>Age @ Notif.</u>		<u>Dist, to Well</u>		· .,
		Spill Det.	<u>Left Gal.</u>		Owner @ ABD	CAMDEN GAS	S & OIL CO	<u>Last U</u>	lse
		Aband. 12/11/89	Method	RG	CAS No.	<u>Chem.</u>			
		<u>Under Dispenser Co</u>	<u>nt.</u> N	Drop Tube	N <u>Tank Leak De</u>	ət.	<u>Pipe Leak Det</u>	±	
ank No.	7	Const.	Class	N	Tank Const. Mat.	SL	Pipe Const. Mat.	SL	
		Operate	T Status	ABD	Tank Protect.	<u>CP</u>	Pipe Protect.		<u>CP</u>
		Notify	<b>Capacity</b>	4,000	Tank Cont, Meth.	SW	Pipe Cont, Meth.	sw	
		Variance	Product	DL	Overfill Type	<u>Ver</u>	Piping Type		٨
		Compl.	C Status		Age @ Notif.		Dist. to Well		
		Spill Det.	<u>Left Gal.</u>		Owner @ ABD	CAMDEN GAS	S&OILCO	<u>Last U</u>	lse
		Aband. 12/11/89	Method	RG	CAS No.	Chem.			
		Under Dispenser Co	nt. N	Drop Tube	N Tank Leak De	et.	<u>Pipe Leak Det</u>	<u>.</u>	

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March 11, 2011

# **APPENDIX E**

# **INTERVIEW DOCUMENTATION**

### **QUESTIONNAIRE FOR USER/OWNER**

In order to assist in the environmental evaluation of the Conder Site, Kershaw County, South Carolina (S&ME Proposal No.1614-7911-10), S&ME, Inc. requests that the User of the Phase I report complete this questionnaire. Answers should be brief. We will contact you if further information is needed.

*****

- 1) What are the present and previous land uses for the property?
  - Present land use includes recreational alust al sand menus Premars land uses are the What current operations, if any, are performed on the property?
- 2) inin base betrue
- Are (Were) there any underground storage tanks (USTs) on the property? If so, how 3) many are there, what are they used for, and how big are they?

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Do you know of any environmental concerns (e.g., nearby landfills, chemical 4) spills either on-site or nearby)?

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5) Do you know of any hazardous waste generators on-site or nearby?

Nº.

- Do you know of any pending, threatened, or past litigation, administrative proceedings, or 6) notices of violation from any governmental entity relevant to hazardous substances or petroleum products in, on, or from the property?
- Do you know of any environmental liens or activity use limitations on the property? 7)
- Is there a value reduction of the property for environmental reasons? 8)

I hereby certify that the above information is true and correct.

Signature of Landowner or Client or person knowledgeable about the property.

If more than one individual provides information on this questionnaire, each should sign and indicate which responses he or she has provided.

2/18 Nelson Lindson Printed Name of Landowner/Person completing questionnaire Nelson

Date

No

No

### PHASE I ENVIRONMENTAL SITE ASSESSMENT USER FURNISHED INFORMATION

The following is a list of documents and information that could be useful to S&ME, Inc. in preparing your Phase I Environmental Site Assessment (ESA). Please check the appropriate boxes below, sign, and fax or mail (fax number 803-561-9177) this form along with the authorization to proceed and completed owner's questionnaire. We will contact you regarding review of any available materials. This form will be attached to, and made a part of, your completed Phase I ESA.

Yes	No
X	XX

- 1. Environmental site assessment reports
- 2. Environmental audit reports
- 3. Environmental permits (i.e. solid waste disposal permits, hazardous waste Disposal permits, wastewater permits, NPDES permits)
- 4. Registrations for underground and above-ground storage tanks
- 5. Material safety data sheets (MSDS)
- 6. Community right-to-know plan
- 7. Safety plans; preparedness and prevention plans; spill prevention, counter-Measure and control plans, etc.
- 8. Reports regarding hydrologic conditions on the property or surrounding area
- 9. Notices or other correspondence from any government agency relating to Past or existing environmental liens encumbering the property
- 10. Hazardous waste generator notices or reports
- 11. Geotechnical studies
  - 12. Information concerning any pending, threatened, or past litigation or Administrative proceedings relevant to hazardous substances or petroleum Products
- 13. Notices from any governmental entity regarding any possible violation of Environmental laws or possible liability relating to hazardous substances or petroleum products
  - 14. Disclosure of sumps, pits, drainage systems (i.e. the existence of and location)
  - 15. Building plans (architectural, utility, structural)
  - 16. Description of current site operations, including layout drawings or sketches
  - 17. Title report/chain-of-title
  - 18. Tax assessor records (previous owner and occupants)
  - 19. Purchase price analysis (if lower than comparables)
  - 20. Current and historical photographs of the site
  - 21. Current and historical topographic maps of the site

I have reviewed the above list and checked the "Yes" box for those items that would be available to S&ME for review and/or copy.

Signature

S&ME Proposal No. 1614-7911-10

January 4, 2011

Proposal for Professional Consulting Services Conder Site - Kershaw County, SC

### **OUESTIONNAIRE FOR USER/OWNER**

In order to assist in the environmental evaluation of the Conder Site, Kershaw County, South Carolina (S&ME Proposal No.1614-7911-10), S&ME, Inc. requests that the User of the Phase I report complete this questionnaire. Answers should be brief. We will contact you if further information is needed.

- What are the present and previous land uses for the property? Timber Truct, Jandalug pit, game fields 1)
- What current operations, if any, are performed on the property? Growing Timber, 2) mining tondalog, Hunting
- Are (Were) there any underground storage tanks (USTs) on the property? If so, how 3) many are there, what are they used for, and how big are they?
- Do you know of any environmental concerns (e.g., nearby landfills, chemical spills either on-site or nearby)? Old Chemical with adjoins Tract s upper routh rick off Smith Roads. (4)

Do you know of any hazardous waste generators on-site or nearby? 5)

- 6)Do you know of any pending, threatened, or past litigation, administrative proceedings, or notices of violation from any governmental entity relevant to hazardous substances or petroleum products in, on, or from the property? 110
- 7) Do you know of any environmental liens or activity use limitations on the property? 10
- Is there a value reduction of the property for environmental reasons?  $\sim 2^{\vartheta}$ 8)

I hereby certify that the above information is true and correct.

Signature of Landowner or Client or person knowledgeable about the property.

If more than one individual provides information on this questionnaire, each should sign and indicate which responses he or she has provided.

R Justin Conder Printed Name of Landowner/Person completing questionnaire

<u>2/22/11</u> Date

Proposal for Professional Consulting Services Conder Site – Kershaw County, SC S&ME Proposal No. 1614-7911-10 January 4, 2011

#### PHASE I ENVIRONMENTAL SITE ASSESSMENT USER FURNISHED INFORMATION

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Yes	No
1 6 2	

1.00		
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	V 2.	Environmental audit reports
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		Disposal permits, wastewater permits, NPDES permits)
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	لمعتيد والا	

I have reviewed the above list and checked the "Yes" box for those items that would be available to S&ME for review and/or copy.

Ringer 2/2 Signature 2/2 County has a copy of everything I have. <u>2/22/11</u> Date



S&ME, Inc. 134 Suber Road Columbia, SC 29210 (803) 561-9024 (Tel) (803) 561-9177 (fax)

# **INTERVIEW RECORD**

JOB NO.	1614-11-083	DATE:	4/29/	11
TALKED TO:	Walt Conder	TIME:	5PM	
WITH:	Property Owner	PLACED CAL	.L:	
PHONE NO.:	Site visit - in person	RECEIVED C	ALL:	
CONCERNING:	Subject Site – Conder owned properties			

S&ME interviewed Mr. Walt Conder during a site visit on April 29, 2011. He indicated the site was used for timber, hunting, and sand mining purposes and was aware of the former Wateree Chemical Company. Mr. Conder indicated they had no knowledge of environmental concerns, environmental liens, AULs, or ECs in association with the subject site.

PREPARED BY: Chris Daves

\$S8	<b>2ME</b>		S&ME, Inc. 134 Suber Road Columbia, SC 29210 (803) 561-9024 (Tel) (803) 561-9177 (fax)
	TELEPHONE RE	CORD	
JOB NO.	1614-11-083	DATE:	5/10/11
TALKED TO:	Mair DePratter	TIME:	11.45AM
WITH:	SCDHEC BLWM	PLACED C	CALL:
PHONE NO.:	803-896-44263		D CALL:
CONCERNING:	Sand Mine (Industrial Park Mine) on s	subject pror	pertv

S&ME interviewed Ms. Mair DePratter with the SCDHEC Bureau of Land & Waste Management Mining Division on May 10, 2011 regarding the on-site sand mine permit (I-000592). She indicated the mine on-site is for sand only and that the mine is inspected annually. She was unaware of previous violation or contamination issues associated with the sand mine.

PREPARED BY: Chris Daves

\$S8	<b>AME</b>		S&ME, Inc. 134 Suber Road Columbia, SC 29210 (803) 561-9024 (Tel) (803) 561-9177 (fax)
	TELEPHONE REC	ORD	
JOB NO.	1614-11-083	DATE:	2/25/11
TALKED TO:	Jason Williams	TIME:	10:40
WITH:	SCDHEC	_ PLACED CA	ALL:
PHONE NO.:	803-896-4161	_ RECEIVED	CALL:
CONCERNING	Wateree Chemical		

Jason was the SCDHEC project manager for the site. There is currently no regulatory action concerning the site. The site was cleaned up by the owners before SCDHEC investigated in 2001 so a lot of materials or evidence was probably removed. The EPA did an additional investigation in 2007 and will send EPA link to the report. No additional contamination was found and the site status is unchanged.

PREPARED BY: Tom Behnke, P.G

# **APPENDIX F**

# CONTRACT BETWEEN USER & S&ME, INC.

### TASK ORDER ENGINEER: ALLIANCE CONSULTING ENGINEERS, INC. CONSULTANT: S&ME



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PROJECT NAME:	Site Certification of the approximately 1,455-acre Conder
	Megasite in Kershaw County, South Carolina
PROJECT NO.:	11109-28
CLIENT:	Kershaw County
LOCATION:	Lugoff, South Carolina
DATE:	February 14, 2011
DESCRIPTION OF SERVICES:	<ul> <li>Performance of the following professional services for the Conder Megasite: <ol> <li>Phase I Environmental Site Assessment</li> <li>Protected Species Assessment</li> <li>Cultural Resources Identification Survey</li> </ol> </li> <li>As outlined in the Proposal for Professional Services Conder Site <ul> <li>Approximately 1,455 Acres Kershaw County, South Carolina, dated January 4, 2011 S&amp;ME Proposal No. 1614-7911-10, and revisions to the proposed fees based on discussions with Marty Baltzegar on February 17, 2011. Time schedule Invised to Lowcetts.</li> </ul> </li> </ul>
	Compensation will be: 1. The for Phase I Environmental Site Assessment 2. The for Protected Species Assessment 3. The for Cultural Resource Identification Survey and will not exceed said amount for each item without prior written authorization. Invoices for work complete should be submitted within 60 days of completion or payment will not be approved.
ACCEPTED:	SIGNATURE: MBalficeran DATE: 2/25/2011