

Environmental Consultants



Hussey Gay Bell & DeYoung Environmental, Inc.

PHASE I ENVIRONMENTAL SITE ASSESSMENT
CAMDEN TRUCK ROUTE-SEGMENT 1
S-45 (CHESTNUT FERRY ROAD) AND
S-897 (EHRENCLOU DRIVE)
Camden, South Carolina

APRIL 2011

Hussey Gay Bell & DeYoung, Inc.

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PHASE I ENVIRONMENTAL SITE ASSESSMENT
AT
CHESTNUT FERRY ROAD & EHRENCLOU DRIVE
KERSHAW COUNTY, CAMDEN, SOUTH CAROLINA

I) SUMMARY

In December 2010 and January 2011, Hussey, Gay, Bell, and DeYoung Environmental, Inc. (HGBD) performed a Phase I Environmental Site Assessment (Phase I ESA) for an approximately 1.7 mile corridor along S-897/Ehrenclou Drive and S-45/Chesnut Ferry Road located in Camden, South Carolina (Figure 1, Appendix I).

- The results of this Phase I ESA have revealed no current recognized environmental condition associated with the subject corridor.
- The results of this Phase I ESA have revealed no historical recognized environmental conditions associated with the subject corridor.
- The results of this Phase I ESA have revealed no *de minimis* conditions associated with the subject corridor.
- No properties with known underground storage tanks or hazardous waste were identified adjacent to or within the proposed rights of way for the subject project.
- In our professional opinion, no additional investigation is required to detect the presence of hazardous substances or petroleum products at the subject corridor.

Except for the limitations and exceptions discussed in Sections VI.A and VIII, this Phase I ESA was completed in general accordance with American Society for Testing and Materials (ASTM) Standard E1527-05. The methods employed for this Phase I ESA included examination of available background materials, file review, interviews, and field inspections.

This document was prepared in accordance with standard and appropriate methods employed in conducting a Phase I ESA. However, these methods may not have exposed all potential environmental threats to the project area. Conclusions presented apply to the site conditions observed at the time of the investigation and to those which may potentially impact the site in the future. The conclusions are not applicable to changes occurring after the investigation has been completed and of which HGBD is not aware and cannot evaluate.

II) INTRODUCTION

A) PURPOSE

Consistent with the ASTM Standard E1527-05, the principal objective of this Phase I ESA is to determine the potential for the presence of hazardous substances, petroleum products, or other environmental hazards at the subject property that could affect future development at the site. Release of materials into structures, soils, groundwater, and/or surface water may occur as a result of treatment, storage, disposal, generation, utilization, transport, or distribution operations. This study considers past, present, and possible future threats of environmental contamination due to these activities.

B) SCOPE-OF-SERVICES

This Phase I ESA was performed in general accordance with ASTM Standard E1527-05. Existing information pertaining to the site was obtained from a variety of sources. Interviews were conducted as appropriate with present and former site owners, managers, and occupants as well as with government officials (Appendix VI). Physical aspects of the vicinity were ascertained by examination of the United States Geological Survey (USGS) 7.5 minute topographic maps for Hagood, South Carolina dated 1948 and Camden South, South Carolina dated 1953, Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps (FIRM) dated September 26, 2008, and the U.S. Department of Agriculture Natural Resource Conservation Service (USDA-NRCS), Web Soil Survey of Kershaw County, South Carolina (Appendix V). Aerial photographs of the property dated 2009, 2006, 2005, 1994, 1982, 1964, 1953, and 1937 were reviewed from Environmental First Search, Inc. and from Google Earth to determine past uses of the subject site and vicinity (Appendix II). Various regulatory databases recording the presence and/or release of hazardous substances and petroleum products within a 1/2 to 1 mile radius of the site were reviewed and further inquiry was conducted as appropriate (Appendix IV).

A reconnaissance of the subject property and site vicinity was performed on December 9, 2010 to confirm land use patterns and physical features, and to record any observations which suggest potential adverse environmental impacts. If present, storage containers, including drums, barrels, and above or below ground tanks, were noted and investigated to the extent possible. If present, pits, ponds, lagoons, or other pools of liquid which may contain hazardous waste were examined, as well as any debris deposited at the site. Any physical signs suggesting a release, such as unusual odors, stressed vegetation, and stained soil or pavement were also noted and documented if observed. Observations were documented in the field with written notes and photographs.

C) SIGNIFICANT ASSUMPTIONS

While this report provides an overview of potential environmental concerns, both past and present, the Phase I ESA is limited by the availability of information at the time of the assessment. It is assumed that all information provided by outside parties was provided in good faith and is true and accurate. It is possible that unreported disposal of waste or illegal activities impairing the environmental status of the property may have occurred which could not be identified. The conclusions and recommendations regarding environmental conditions that are presented in this report are based on a scope of work authorized by the Client. Note, however, that virtually no scope of work, no matter how exhaustive, can identify all contaminants or all conditions above and below ground.

III) SITE DESCRIPTION

A) LOCATION AND LEGAL DESCRIPTION

The subject alignment is located in Camden, South Carolina (Figure 1, Appendix I). The subject corridor consists of an approximately 1.7 mile alignment beginning at US Highway 521/Sumter Highway/Broad Street, following S-897/Ehrenclou Drive and S-45/Chesnut Ferry Road, and ending at US Highway 1/West Dekalb Street. The proposed right of way width is expected to be 90 feet.

B) SITE AND VICINITY CHARACTERISTICS

The subject corridor is primarily asphalt paved roadway. Areas adjacent to the paved section are primarily wooded and undeveloped or maintained grass frontage (Photos 1, 2, and 3). Wetland areas are located along both sides of S-897/Ehrenclou Drive through the curve in the southern portion of the alignment (Photo 4). The topography of the subject site is primarily flat although there are some steep drop-offs to the wetlands and a steep rise to the east of the roadway just south of the South Carolina Air National Guard (SCANG) facility (Photo 5). Surface drainage appears to occur through roadside swales and overland flow to the wetlands in the southern portion of the alignment and to Bolton Branch creek (Photo 6) in the northern portion of the alignment.

The vicinity of the subject alignment is primarily undeveloped to the southwest of the corridor although the Camden High School Athletic Fields (Photo 7) and a wastewater treatment plant are located in this area. The development in the areas to the north and east of the subject alignment is primarily residential (Photo 8), although some institutional (Photo 9) and commercial development also exists (Photo 10).

C) STRUCTURES, ROADS, AND OTHER IMPROVEMENTS ON THE SITE

The subject corridor consists of an asphalt paved roadway section beginning at US Highway 521/Sumter Highway/Broad Street, following S-897/Ehrenclou Drive and S-45/Chesnut Ferry Road, and ending at US Highway 1/West Dekalb Street. The S-897/Ehrenclou Drive portion of the alignment appears to have been constructed between 1982 and 1994 based on a review of aerial photographs. The S-45/Chesnut Ferry Road section of the alignment was constructed prior to the 1937 aerial photograph.

D) CURRENT AND PAST USES OF THE SITE AND VICINITY

Historically the area has been primarily agricultural since at least 1937 with residential development beginning along S-45/Chesnut Ferry Road in the late 1950's and increasing into the 1980's. Most agricultural land use had ceased by 1994 as these areas had been replaced by wooded tracts, a school, a waste water treatment plant, and the SCANG facility.

IV) USER PROVIDED INFORMATION

A) TITLE RECORDS

An environmental title search was not reasonably ascertainable or practically reviewable for all the properties in the subject alignment. However, SCDOT has confirmed that all plan references are correct and the ownership instruments are in place for the existing ROW of S-897/Ehrenclou Drive and S-45/Chesnut Ferry Road. The subject corridor is primarily considered part of SCDOT ROW.

B) ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS

SCDOT is not aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law.

SCDOT is not aware of any AULs, such as engineering controls, land use restrictions or institutional controls that are in place and/or have been filed or recorded in a registry.

C) SPECIALIZED KNOWLEDGE

SCDOT specialized knowledge of the subject site does not extend to environmental conditions within the corridor.

D) COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

The Advanced Project Planning Report (APPR), dated February 2009 and prepared by the SCDOT in partnership with the Santee-Lynches Council of Governments (SLCOG) contains all information available to the SCDOT regarding the environmental conditions within the

subject corridor. Relevant pages from the APPR are attached to the SCDOT interview in Appendix VI.

E) OWNER, PROPERTY MANAGER, AND OCCUPANT INFORMATION

The subject corridor is primarily considered part of SCDOT ROW.

F) REASON FOR PERFORMING PHASE I

The Phase I ESA was prepared by HGBD at the request of Client. This Phase I ESA was requested for the following reasons:

- To identify UST's or hazardous materials that may be encountered or acquired by the project.

G) OTHER

The APPR, dated February 2009 and prepared by the SCDOT in partnership with the SLCOG contains all information available to the SCDOT regarding the environmental conditions within the subject corridor. Relevant pages from the APPR are attached to the SCDOT interview in Appendix VI.

V) RECORDS REVIEW

A) STANDARD ENVIRONMENTAL RECORD SOURCE

We have performed a review of the ASTM required standard environmental databases published by state and federal regulatory agencies to determine if the site or nearby properties are listed as having a past or present record of actual or potential adverse environmental impacts or are under investigation for potential adverse environmental impacts.

The following regulatory databases were obtained from the U.S. Environmental Protection Agency (USEPA) and the South Carolina Environmental Protection Division (SCEPD) through Environmental First Search, Inc.:

Database	ASTM Search Distance	Actual Search Distance
Federal NPL	1-mile radius	1-mile radius
Federal Delisted NPL	0.5-mile radius	0.5-mile radius
Federal CERCLIS	0.5-mile radius	0.5-mile radius
Federal CERCLIS NFRAP	0.5-mile radius	0.5-mile radius
Federal RCRA CORRACTS	1-mile radius	1-mile radius
Federal RCRA Non-CORRACTS TSD	0.5-mile radius	0.5-mile radius
Federal RCRA generators	property & adjoining	0.25-mile radius
Federal IC/EC registries	property only	0.50-mile radius
Federal ERNS	property only	0.12-mile radius
State/Tribal HSI sites	1-mile radius	1.0-mile radius
State/Tribal landfill/solid waste sites	0.5-mile radius	0.5-mile radius
State/Tribal registered UST/AST sites	adjoining properties	0.25-mile radius
State/Tribal Leaking UST sites	0.5-mile radius	0.5-mile radius
State/Tribal IC registries	property only	0.25-mile radius
State/Tribal EC registries	property only	0.5-mile radius
State/Tribal Voluntary Cleanup sites	0.5-mile radius	0.5-mile radius
State/Tribal Brownfield sites	0.5-mile radius	0.5-mile radius

Note: Facilities outside of the ASTM minimum search distance are not discussed further unless they have been determined to pose a risk to the subject site by the Environmental Professional.

The database review includes sites in Postal Zip Code area 29020. The selected radii and proximity guidelines are in general accordance with ASTM guidelines. Review of selected regulatory databases identified 10 listed regulatory facilities within the ASTM specified radii of concern. The results of the regulatory database search are included in Appendix IV.

1) HAZELWOOD CLEANERS: This facility is located at 529 East DeKalb Street, approximately 0.73 miles northeast of the subject corridor. This facility was reported in the STATE database due to its listing in the South Carolina dry cleaners restoration trust fund. However, based on the additional SCDHEC records reviewed through the Freedom of Information Act (FOIA), contamination was not found during the initial soil sampling investigation, which disqualified the facility from being eligible for the trust fund. Based on the location and the current status of this facility, it is the opinion of HGBD that this facility has not created a recognized environmental condition in the subject corridor.

2) CITY LAUNDRY AND CLEANERS: This facility is located at 404 Rutledge Street, approximately 0.76 miles northeast of the subject corridor. This facility was reported in the STATE database due to its listing in the South Carolina dry cleaners restoration trust fund. Further information regarding the site was requested through the FOIA but the file for this site was unable to be located by SCDHEC. However, due to the distance of the facility from the project, it is the opinion of HGBD that this facility has not created a recognized environmental condition in the subject corridor.

3) STOP N SAVE/EL CHEAPO: This facility is listed at 1024 West DeKalb Street, approximately 0.20 miles northeast of the subject corridor. Although the facility is reported with multiple names (Conoco #40002, S Mart 110, Camden Chevron, and Stop N Save 9) and two different facility ID's (10753 and 19193), they share the same address. The 10753 facility is listed in the LUST database and the 19193 facility is listed in the UST database. All five LUST's were removed from the site in 2005; one having a capacity of 4,000 gallons and four with a capacity of 10,000 gallons. A 12,000 gallon tank has since been installed.

Confirmed releases at the facility were reported on October 20, 1995 and April 25, 2002. Additional information was obtained through the FOIA. Groundwater flows to the south and southeast from the site. Sampling events have been conducted at the facility since August 2000 and the latest event was conducted in June 2008. Historically, contamination has been concentrated in the northwestern portion of the site where the UST's were located and free product was identified. Monitoring wells on the south side of West Dekalb Street have not been impacted by the release. Based on the location and the latest sampling results of the facility, it is the opinion of HGBD that this facility has not created a recognized environmental condition in the subject corridor.

4) CAMDEN MAINTENANCE FACILITY: This facility was located at 512 Fair Street, approximately 0.5 miles northeast of the subject corridor. This facility is listed in the UST and LUST databases. There were a total of seven UST's listed for this site. Two UST's are currently in use: one 12,000 gallon regular unleaded gasoline tank and one 12,000 gallon diesel tank. Two of the UST's were removed in 1990; one more was removed in 1992; and another two were removed in 1993. The five removed tanks had contained 550 gallons of waste oil, 6000 gallons of gasoline, 10,000 gallons of gasoline, and 12,000 gallons of diesel fuel, respectively.

A confirmed release at the facility was reported on June 7, 1993. The most recent sampling event was conducted at the facility in February of 2009. Groundwater flow was to the southeast at the time of sampling. Twenty five (25) wells were sampled. Although concentrations of multiple petroleum constituents exceeded maximum contamination levels (MCL's) on the site, all constituents analyzed in the wells closest to the subject corridor (MW-3, MW-17, MW-17D, and MW-18) were either below detection limits or well below risk based screening levels (RBSL). Based on the location of the facility, the latest groundwater sampling results, and the direction of groundwater flow from the site, it is the opinion of HGBD that this facility has not created a recognized environmental condition in the subject corridor.

5) SHIRLEY'S BAIT AND TACKLE SHOP: This facility is located at 209 Broad Street, approximately 0.05 miles north of the subject alignment. This facility is listed in the UST database. There were two tanks located at this facility that each had a capacity of 1,000 gallons of gasoline. The two tanks were closed in place and filled with concrete. No leaks or petroleum contamination have been reported for this facility. Based on the current status of this facility, it is the opinion of HGBD that this facility has not created a recognized environmental condition in the corridor.

6) SCARNG CAMDEN: The South Carolina Air National Guard (SCARNG) facility is located at 1100 Ehrenclou Drive, adjacent to the east of the subject corridor. This facility is listed in the RCRA database as a conditionally exempt very small quantity generator. The facility handles ignitable waste. No violations have been reported. Based on the current status of this facility, it is the opinion of HGBD that this facility has not created a recognized environmental condition in the corridor.

7) 902 BROAD STREET PROPERTY: This facility is located at 902 Broad Street, approximately 0.66 miles east of the subject site. This facility is listed in the LUST and UST databases. The two 1,000 gallon gasoline UST's at the site were reported as abandoned. A release was reported on May 14, 1999 but received No Further Action status on May 18, 1999. Based on the current status and location of this facility, it is the opinion of HGBD that this facility has not created a recognized environmental condition in the corridor.

8) CAMDEN HORSE TRAINING CENTER: This facility is located at 1130 Chestnut Street, approximately 0.6 miles north of the subject corridor. This facility is listed in the STATE database with ID SCS123457008 due to identified arsenic, chromium and lead in the groundwater and a was placed under a Declaration of Covenants and Restrictions to restrict the use of groundwater. On October 20, 2009 a Certificate of Completion was granted for the Voluntary Cleanup Contract after review of additional groundwater sampling results. The additional groundwater sampling showed that groundwater beneath the property had not

been impacted from onsite activities and the covenant to restrict groundwater use was lifted. Based on the location and current status of this facility, it is the opinion of HGBD that this facility has not created a recognized environmental condition in the corridor.

9) ELECTRICAL MAINTENANCE AND TESTING INC: This facility is located at 203 York Street, approximately 0.75 miles northeast of the subject corridor. This facility is listed the STATE database with ID SCD083417568. Further information regarding the site was requested through the FOIA but the file for this site was unable to be located by SCDHEC. However, due to the distance of the facility from the project, it is the opinion of HGBD that this facility has not created a recognized environmental condition in the subject corridor.

10) WEYLICHEM US, INC/WATEREE WASTEWATER FACILITY: This facility is located on the west side of the Wateree River at 568 Ward Street, approximately 0.8 miles southwest of the subject corridor. This facility is listed the RCRA Corrective Action database and lists ignitable waste, D000, and Benzene as present at the facility. The facility received 9 citations that included not meeting the requirements for Closure/Post Closure, general standards, groundwater monitoring, preparedness/prevention, financial violations and others. All violations were resolved during the years 1992-1994. A RCRA Facility Assessment and prioritization was conducted on 5/15/1997 and the facility was assigned a medium corrective action priority. Based on the location of this facility, it is the opinion of HGBD that this facility has not created a recognized environmental condition in the subject corridor.

B) ADDITIONAL ENVIRONMENTAL RECORD SOURCES

We have performed a review of additional environmental databases published by state and federal regulatory agencies to determine if the site or nearby properties are listed as having a past or present record of actual or potential adverse environmental impacts or are under investigation for potential adverse environmental impacts.

The following additional regulatory databases were obtained from USEPA and SCDHEC through Environmental First Search, Inc.:

Database	Search Distance
Federal Brownfield	0.5- mile radius
Tribal Lands	1.0- mile radius
State Spills	0.12- mile radius

The additional database review includes sites in Postal Zip Code area 29020. Review of these databases identified no additional facilities or conditions of concern, as determined by the Environmental Professional. The results of the regulatory database search are included in Appendix IV.

A review of Sanborn Fire Insurance Maps availability indicates there are no maps available for the subject corridor.

A review of City of Camden City Directories did not reveal any additional facilities of concern (Appendix IV).

C) PHYSICAL SETTING SOURCES

The USGS 7.5 minute topographic maps for Hagood, South Carolina dated 1948 and Camden South, South Carolina dated 1953 were examined for topographic and other features on the subject site. The ground surface of the subject property is depicted at approximately 140- to 180-feet in elevation. The surficial groundwater flow direction in the vicinity is generally southwest toward the lower lying areas associated with the Wateree River. It should be noted that the direction of groundwater flow can be altered locally by changes in surface topography and man-made modifications. Determination of the groundwater gradients would require potentiometric measurements and is outside of the scope of this Phase I ESA. Elevations are in accordance with the National Geodetic Vertical Datum (NGVD) of 1929. Please refer to Appendix V.

A review of FEMA FIRM's for the subject corridor indicated that the corridor is located primarily outside of the regulatory floodplain in Zone X; however, portions lie within the 100-year floodplain Zone AE near the Erenclou Drive and Broad Street/Sumter Highway intersection and around the Bolton Branch crossing. Please refer to Appendix V.

The USDA-NRCS, Web Soil Survey of Kershaw County, Georgia, indicated 10 primary soil types on the subject site. Please refer to the map and description in Appendix V.

VI) SITE RECONNAISSANCE

A) METHODOLOGY AND LIMITING CONDITIONS

The subject property was inspected by John Eden and Elizabeth Penn-Sanders on December 9, 2010. All areas of the subject property were accessible at the time of the inspection. Visual inspection was conducted by driving all accessible roads on the subject site and around the perimeter of the subject site and by walking areas inaccessible to vehicles. There were no visual or physical obstructions of the subject property; however, wetland areas were viewed only from surrounding uplands. The weather during the inspection was overcast.

The exterior of adjoining properties was visually evaluated for any recognized environmental concerns.

B) INTERIOR OBSERVATIONS

No buildings were located in the subject corridor and no interior inspections were conducted.

C) EXTERIOR OBSERVATIONS

- 1) *Hazardous Substances and Petroleum Products in Connection with Identified Uses:*
A total of 16 pole mounted transformers were observed inside the corridor.
- 2) *Storage Tanks:* Visual site inspection and the review of tank registration records are used to determine the possible existence of past and present storage tanks in the area of the subject property. It must be noted however, that the absence of certain site conditions or lack of records may restrict or prevent the determination of the number and contents of storage tanks on the subject property. No storage tanks were observed within the subject corridor.

- 3) *Odors:* No strong, pungent, or noxious odors were observed on the subject site.
- 4) *Pools of Liquid:* No standing water was observed within the subject corridor; however, there were wetlands adjacent to the alignment. There is also a crossing of Bolton Branch creek.
- 5) *Drums:* No drums were observed.
- 6) *Hazardous Substances and Petroleum Products Containers:* No containers with hazardous materials or petroleum products that might represent a recognized environmental condition were observed on the property.
- 7) *Unidentified Substance Containers:* No open or damaged containers containing unidentified substances suspected of being hazardous substances or petroleum products were observed on the property.
- 8) *PCBs:* The past use of PCBs in electrical equipment such as transformers, fluorescent lamp ballasts, and capacitors was common. PCBs in electrical equipment are controlled by 40 CFR, Part 761. According to this regulation there are three categories for classifying electrical equipment: less than 50 ppm of PCBs is considered “Non-PCB”; between 50 and 500 ppm is considered “PCB-Contaminated”; and greater than 500 ppm is considered “PCB”. There were 16 pole mounted transformers observed in good condition during the field investigation.
- 9) *Stained Soil or Pavement:* No areas of stained soil were observed on the property. No areas of stained pavement were observed on the property.
- 10) *Stressed Vegetation:* No areas of stressed vegetation were observed on the property.

- 11) *Solid Waste:* Minimal roadway litter was observed on the alignment; however, no staining of soils, no sheen on the liquid, and no stressed vegetation was observed. Although the waste should be disposed of properly, it is unlikely that hazardous substances or petroleum products have been released, and is therefore not considered to be a recognized environmental condition.
- 12) *Waste Water:* There was no waste water or other liquids being discharged into a drain, ditch, underground injection system, or stream on or adjacent to the property.
- 13) *Wells:* No wells were observed in the subject corridor.
- 14) *Septic Systems:* No septic systems or cesspools were observed in the subject corridor.

VII) INTERVIEWS

The purpose of interviewing is to obtain information indicating recognized environmental conditions in connection with the property. Copies of the interview documentation can be found in Appendix VI.

A) INTERVIEWS WITH PAST AND PRESENT OWNERS AND OCCUPANTS

Date	Name	Status	Organization
January 12, 2011	Henry Phillips	Project Manager	SCDOT

B) INTERVIEWS WITH STATE AND/OR LOCAL GOVERNMENT OFFICIALS

Date	Name	Title	Organization
January 12, 2011	Phil Elliot	Chief Deputy	Camden Fire Department
September 29, 2011	Brian Motley	ARME	SCDOT

VIII) LIMITATIONS & EXCEPTIONS OF ASSESSMENT

The conclusions presented in this report are professional opinions developed from the information gathered relative to the subject property as outlined in the report and interpretation of that information. HGBD warrants that the findings, recommendations, and professional advice contained herein represent good commercial and customary practice for conducting a Phase I ESA. HGBD does not warrant the accuracy or completeness of the information provided by outside sources referenced in this report. Additionally, if potentially environmentally significant information becomes available subsequent to the submittal of this report, HGBD reserves the right to amend the conclusions as presented herein.

This study is not intended to be an exhaustive investigation of specific contamination at the subject property, but rather provide an overview of information or recognized environmental conditions, or the potential for contamination at the subject site and adjacent properties.

Conclusions presented apply to the site conditions observed at the time of the investigation and those which may potentially impact the site in the future. The conclusions are not applicable to changes occurring after the investigation has been completed and of which HGBD is not aware and cannot evaluate. No other warranties are implied or expressed.

IX) FINDINGS AND CONCLUSIONS

•We have performed a Phase I ESA in conformance with the scope and limitations of ASTM E1527-05 of an approximately 1.7 mile corridor along S-897/Ehrenclou Drive and S-45/Chesnut Ferry Road located in Camden, South Carolina. Any exceptions to, or deletions from, this practice are described in Section VIII of this report. The methods employed for this Phase I ESA included examination of available background materials, file review, interviews, and field inspections. There were no data gaps that significantly affected our ability to identify recognized environmental conditions associated with the property. **This Phase I ESA has not revealed apparent evidence of recognized environmental conditions, historical recognized environmental conditions, or de minimis conditions on the subject property. No properties with known underground storage tanks or hazardous waste were identified adjacent to or within the proposed rights of way for the subject project.**

XI) BENEFICIARY

This report, and all work associated with this report, is for the sole use of the beneficiary and will not be transferred to any party other than the beneficiaries named as follows:


South Carolina Department of Transportation
955 Park Street
Columbia, SC 29201

Reliance on the information and conclusions in this report by any other person or entity is not authorized without the written consent of HGBD Environmental, Inc.

XII) SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in of 40 CFR §312.40. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312. Please refer to Appendix VIII.

HUSSEY, GAY, BELL & DEYOUNG ENVIRONMENTAL, INC.



Elizabeth Penn-Sanders

Environmental Staff



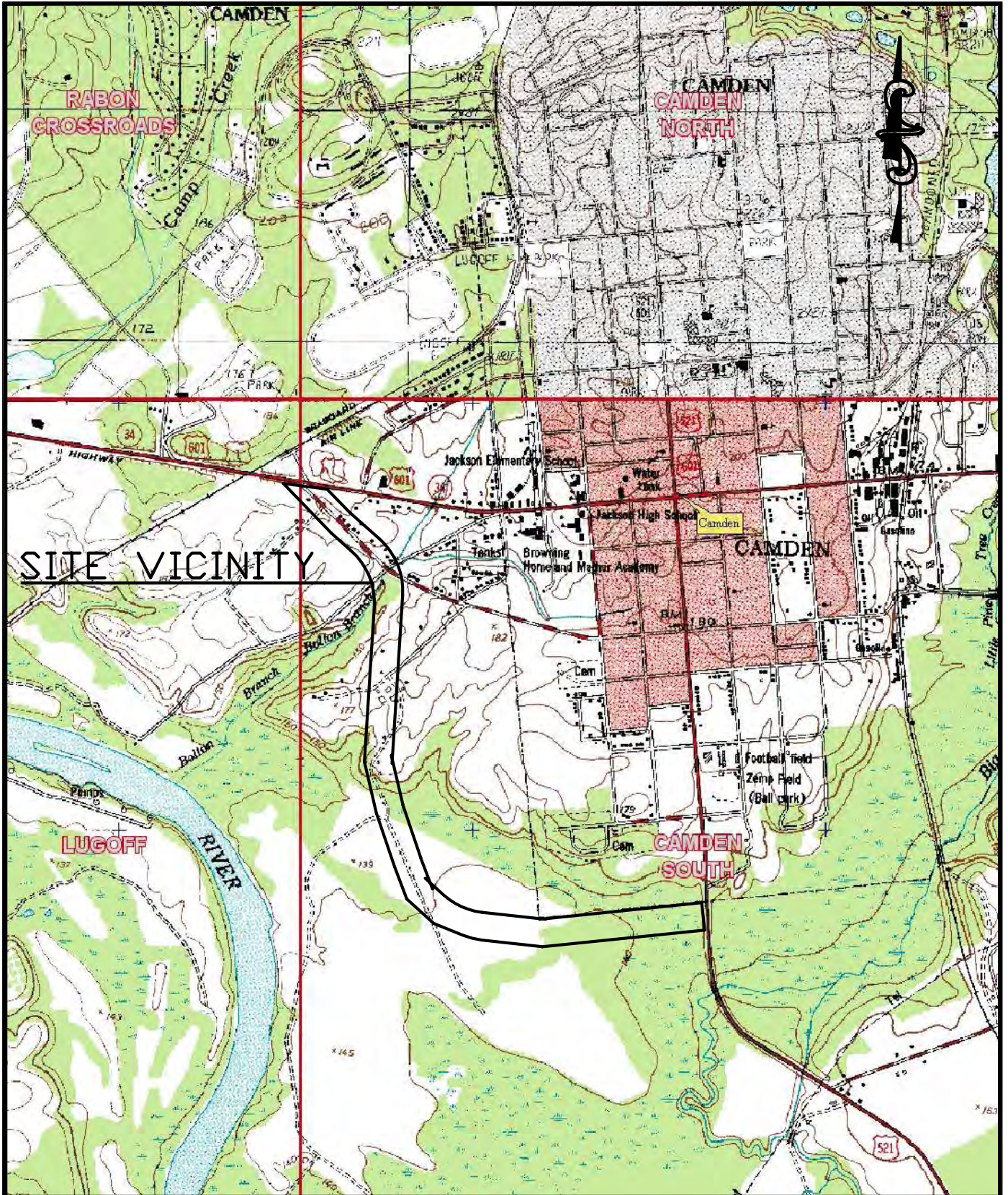
John N. Eden, P.E.

Environmental Engineer

APPENDIX I

FIGURE 1: SITE VICINITY MAP

FIGURE 2: SITE MAP



SITE VICINITY

FIGURE

1

CAMDEN TRUCK ROUTE-SEGMENT 1
 PHASE I ESA
 7.5" USGS QUADRANGLE

SITE VICINITY MAP

DESIGNED DRAWN CHECKED

DATE: APRIL 2011

JOB NO. 510105726

SCALE: 1" = 2,000'



APPENDIX II

AERIAL PHOTOGRAPHS

Environmental FirstSearch

Historical Aerial Photo

2009

, CAMDEN SC 29020

Environmental
FIRSTSEARCH



Job Number: 510105726
Target Site: (Latitude: 34.238189, Longitude: -80.615810)

Approximate Scale: 1 inch equals 1,125 feet

Environmental FirstSearch

Historical Aerial Photo

1994

, CAMDEN SC 29020



Job Number: 510105726
Target Site: (Latitude: 34.238189, Longitude: -80.615810)

Approximate Scale: 1 inch equals 1,125 feet

Environmental FirstSearch

Historical Aerial Photo

1982

, CAMDEN SC 29020



Job Number: 510105726
Target Site: (Latitude: 34.238189, Longitude: -80.615810)

Approximate Scale: 1 inch equals 1,125 feet

Environmental FirstSearch

Historical Aerial Photo

1964

, CAMDEN SC 29020



Job Number: 510105726
Target Site: (Latitude: 34.238189, Longitude: -80.615810)

Approximate Scale: 1 inch equals 1,125 feet

Environmental FirstSearch

Historical Aerial Photo

1953

, CAMDEN SC 29020



Job Number: 510105726
Target Site: (Latitude: 34.238189, Longitude: -80.615810)

Approximate Scale: 1 inch equals 1,125 feet

Environmental FirstSearch

Historical Aerial Photo

1937

, CAMDEN SC 29020



Job Number: 510105726
Target Site: (Latitude: 34.238189, Longitude: -80.615810)

Approximate Scale: 1 inch equals 1,125 feet



Google

©2010

Eye alt - 11562 ft

Feb 7, 1994

W. Dekalb St

State Rd 32

State Rd 32

State Rd 32

State Rd 32

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Feb 7, 1994

W. Dekalb St

State Rd 32

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Feb 7, 1994

W. Dekalb St

State Rd 32

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State Rd 32

Feb 7, 1994

W. Dekalb St

State Rd 32

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State Rd 32

State Rd 32

State Rd 32

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State Rd 32

State Rd 32

Image U.S. Geological Survey © 2010 Google

lat 34.238713° lon -80.614906° elev 172 ft

Imagery Dates: Feb 4, 1994 - Feb 7, 1994

3301 ft



3301 ft

Sep 5, 2005



Oct 2, 2010



Google

©2010

Imagery Dates: Jun 5, 2006 - Oct 2, 2010

lat: 34.238713° lon: -80.614906° elev: 172 ft.

Image © 2010 Google
Image USA Farm Service Agency

Eye alt: 11562 ft.

3301 ft

APPENDIX III

PHOTOGRAPHS



Photo 1: View of Ehrenclou Drive and Sumter Highway intersection, looking south along Sumter Highway.



Photo 2: View of Ehrenclou Drive that is primarily wooded with grass frontage, looking west.



Photo 3: View of Ehrenclou Drive curve, looking west.



Photo 4: View of curve on Ehrenclou Drive with wetlands, looking northwest.



Photo 5: View of South Carolina Air National Guard (SCANG), looking northeast.



Photo 6: View of Chestnut Ferry Road crossing Bolton Branch Creek, looking west.



Photo 7: View of Camden High School Athletic Field Complex, looking east.



Photo 8: View of residential development along Chestnut Ferry Road, looking north.



Photo 9: View of Camden High School, looking east.



Photo 10: View of commercial development, looking northeast.

APPENDIX IV

ENVIRONMENTAL RECORD SOURCES

FirstSearch Technology Corporation

Environmental FirstSearch™ Report

Target Property:

CAMDEN SC 29020

Job Number: 510105726

PREPARED FOR:

HGBD Environmental, Inc.

329 Commercial Dr

Savannah, GA, 31406

11-23-10



Tel: (781) 551-0470

Fax: (781) 551-0471

Environmental FirstSearch Search Summary Report

Target Site:

CAMDEN SC 29020

FirstSearch Summary

Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2>	ZIP	TOTALS
NPL	Y	10-21-10	1.00	0	0	0	0	0	0	0
NPL Delisted	Y	10-21-10	0.50	0	0	0	0	0	0	0
CERCLIS	Y	08-31-10	0.50	0	0	0	0	0	1	1
NFRAP	Y	08-31-10	0.50	0	0	0	0	0	0	0
RCRA COR ACT	Y	09-14-10	1.00	0	0	0	0	1	0	1
RCRA TSD	Y	09-14-10	0.50	0	0	0	0	0	0	0
RCRA GEN	Y	09-14-10	0.25	1	0	0	0	0	1	2
Federal Brownfield	Y	10-01-10	0.50	0	0	0	0	0	0	0
ERNS	Y	10-21-10	0.12	0	0	0	0	0	1	1
Tribal Lands	Y	12-01-05	1.00	0	0	0	0	0	1	1
State/Tribal Sites	Y	08-23-10	1.00	0	0	0	0	4	1	5
State Spills 90	Y	08-23-10	0.12	0	0	0	0	0	0	0
State/Tribal SWL	Y	05-01-10	0.50	0	0	0	0	0	4	4
State/Tribal LUST	Y	08-23-10	0.50	0	0	0	5	0	11	16
State/Tribal UST/AST	Y	08-23-10	0.25	0	1	1	0	0	1	3
State/Tribal EC	Y	01-19-10	0.50	0	0	0	0	0	0	0
State/Tribal IC	Y	01-19-10	0.25	0	0	0	0	0	0	0
State/Tribal VCP	Y	NA	0.50	0	0	0	0	0	0	0
State/Tribal Brownfields	Y	08-16-07	0.50	0	0	0	0	0	0	0
Federal IC/EC	Y	11-04-10	0.50	0	0	0	0	0	0	0
-TOTALS-				1	1	1	5	5	21	34

Notice of Disclaimer

Due to the limitations, constraints, and inaccuracies and incompleteness of government information and computer mapping data currently available to FirstSearch Technology Corp., certain conventions have been utilized in preparing the locations of all federal, state and local agency sites residing in FirstSearch Technology Corp.'s databases. All EPA NPL and state landfill sites are depicted by a rectangle approximating their location and size. The boundaries of the rectangles represent the eastern and western most longitudes; the northern and southern most latitudes. As such, the mapped areas may exceed the actual areas and do not represent the actual boundaries of these properties. All other sites are depicted by a point representing their approximate address location and make no attempt to represent the actual areas of the associated property. Actual boundaries and locations of individual properties can be found in the files residing at the agency responsible for such information.

Waiver of Liability

Although FirstSearch Technology Corp. uses its best efforts to research the actual location of each site, FirstSearch Technology Corp. does not and can not warrant the accuracy of these sites with regard to exact location and size. All authorized users of FirstSearch Technology Corp.'s services proceeding are signifying an understanding of FirstSearch Technology Corp.'s searching and mapping conventions, and agree to waive any and all liability claims associated with search and map results showing incomplete and or inaccurate site locations.

***Environmental FirstSearch
Site Information Report***

Request Date: 11-23-10
Requestor Name: ELIZABETH PENN-SANDERS
Standard: AAI

Search Type: LINEAR
 1.79 mile(s)
Job Number: 510105726
Filtered Report

Target Site:
 CAMDEN SC 29020

Demographics

Sites: 34	Non-Geocoded: 21	Population: NA
Radon: 0.8 - 2.8 PCI/L		
Fire Insurance Map Coverage: No		

Site Location

	<u>Degrees (Decimal)</u>	<u>Degrees (Min/Sec)</u>	<u>UTMs</u>
Longitude:	-80.591500	-80:35:29	Easting: 537602.998
Latitude:	34.275200	34:16:31	Northing: 3792550.457
Elevation:	241		Zone: 17

Comment

Comment: Complete Package

Additional Requests/Services

Adjacent ZIP Codes:					Services:		
ZIP Code	City Name	ST	Dist/Dir	Sel		Requested?	Date
					Fire Insurance Maps	No	
					Aerial Photographs	Yes	11-23-10
					Historical Topos	Yes	11-23-10
					City Directories	Yes	11-23-10
					Title Search/Env Liens	No	
					Municipal Reports	No	
					Online Topos	No	

***Environmental FirstSearch
Target Site Summary Report***

Target Property:

CAMDEN SC 29020

JOB: 510105726

TOTAL: 34

GEOCODED: 13

NON GEOCODED: 21

SELECTED: 0

<u>Map ID</u>	<u>DB Type</u>	<u>Site Name/ID/Status</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>ElevDiff</u>	<u>Page No.</u>
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No sites found for target address

***Environmental FirstSearch
Sites Summary Report***

Target Property:

CAMDEN SC 29020

JOB: 510105726

TOTAL: 34

GEOCODED: 13

NON GEOCODED: 21

SELECTED: 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
1	RCRAGN	SCARNG CAMDEN SC0000988428/VGN	1100 EHRENCLOU DR CAMDEN SC 29020	0.00 --	- 99	1
2	UST	SHIRLEYS BAIT & TACKLE SHOP N-28-NO-05395/ABANDONED	209 BROAD ST CAMDEN SC 29020	0.05 SE	- 84	2
3	UST	STOP N SAVE 9 19193/CURRENTLY IN USE	1024 DEKALB ST CAMDEN SC 29020	0.21 NW	- 79	3
4	LUST	CAMDEN CHEVRON P-28-NO-10753-1/	1024 WEST DEKALB ST CAMDEN SC 29020	0.26 NW	- 63	4
4	LUST	S MART 110 10753/NOT REPORTED	1024 WEST DEKALB ST CAMDEN SC 29020	0.26 NW	- 63	6
5	LUST	902 BROAD ST PROPERTY U-43-UU-18425-1/NFA	902 BROAD ST CAMDEN SC 29	0.50 NE	- 61	8
6	LUST	CAMDEN MAINTENANCE FACILITY P-28-GS-05320-1/	0 S FAIR ST CAMDEN SC 29020	0.50 SE	- 64	9
6	LUST	CAMDEN MAINTENANCE FACILITY 05320/NOT REPORTED	512 FAIR ST CAMDEN SC 29020	0.50 SE	- 64	10
7	STATE	CAMDEN HORSE TRAINING CENTER SCS123457008/NONE	1130 CHESTNUT ST CAMDEN SC 29020	0.69 NW	- 39	12
8	STATE	HAZELWOOD CLEANERS #1 SCDRY0051099/NONE	529 EAST DEKALB ST CAMDEN SC 29020	0.73 NE	- 49	13
9	STATE	CITY LAUNDRY AND CLEANERS SCR000003707/SPL;	404 RUTLEDGE ST CAMDEN SC 29020	0.76 NE	- 58	14
10	STATE	ELECTRICAL MAINTENANCE AND TESTING SCD083417568/NONE	203 YORK ST CAMDEN SC 29020	0.77 NE	- 69	15
11	RCRACOR	WEYLICHEM US INC WATEREE WASTEWATER SCD991278607/CA	568 WARD RD LUGOFF SC 29078	0.90 SW	- 101	16

Environmental FirstSearch

Sites Summary Report

Target Property:

CAMDEN SC 29020

JOB: 510105726

TOTAL: 34

GEOCODED: 13

NON GEOCODED: 21

SELECTED: 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	CERCLIS	CITY LAUNDRY & CLEANERS SCN000410108/NOT PROPOSED	UNKNOWN CAMDEN SC 29020	NON GC	N/A	N/A
	RCRAGN	HOWDEN BUFFALO INC SCR000073841/SGN	9 STEEPLE CHASE INDUSTRIAL CAMDEN SC 29020	NON GC	N/A	N/A
	ERNS	DUKE POWER COMPANY 514210/UNKNOWN	ATEREE HYDRO STATION WATER SC 29020	NON GC	N/A	N/A
	STATE	ELKAY INDUSTRIES INC SCS123456813/NONE	ICEY CREEK (DICEY FORD ROA CAMDEN SC 29020	NON GC	N/A	N/A
	SWL	CANTEY LCD & YARD TRASH LANDFILL 282618-1701/OPEN	UNKNOWN SC	NON GC	N/A	N/A
	SWL	LEE COUNTY (FORMERLYMERRELLS) COMP 312640-3001/OPEN	UNKNOWN CAMDEN SC 29020	NON GC	N/A	N/A
	SWL	RED HILL COMPOSTING FACILITY 422429-3001/OPEN	LANDFILL SC	NON GC	N/A	N/A
	SWL	RED HILL INDUSTRIAL SOLID WASTE LF 422444-1601/OPEN	LANDFILL SC	NON GC	N/A	N/A
	UST	CAMDEN POST OFFICE A-28-AA-16829/	DEKALB ST CAMDEN SC 29020	NON GC	N/A	N/A
	LUST	KERSHAW COUNTY AIRPORT N-28-NN-05342-1/	0 WOODWARD FIELD CAMDEN SC	NON GC	N/A	N/A
	LUST	KERSHAW COUNTY AIRPORT 05342/NFA	WOODYARD FIELD CAMDEN SC 29020	NON GC	N/A	N/A
	LUST	L & W AMOCO N-31-NO-05374-1/	I-20 CAMDEN SC 29020	NON GC	N/A	N/A
	LUST	LAKESIDE INN N-28-NO-05383-1/	0 RT 3 BOX 90 CAMDEN SC 29020	NON GC	N/A	N/A
	LUST	LAKESIDE INN 05383/NFA	RT 3 PO BOX CAMDEN SC 29020	NON GC	N/A	N/A
	LUST	LAKESIDE MARINA N-28-NO-05416-1/NFA	0 RT 3 HIGHWAY 97 CAMDEN SC 29020	NON GC	N/A	N/A
	LUST	RED HILL CONVENIENCE STORE N-28-NN-05353-1/	RT 1 CAMDEN SC 29020	NON GC	N/A	N/A
	LUST	REEVES BLOCK CO INC N-28-NN 16851-1/	0 N HIGHWAY #1 CAMDEN SC	NON GC	N/A	N/A
	LUST	SOUTHERN BELL CMDNSCPW N-28-NN-05349-1/	0 CATAWBA COURT CAMDEN SC	NON GC	N/A	N/A
	LUST	SOUTHERN BELL CMDNSCPW 05349/NFA	CATAWBA CT CAMDEN SC 29020	NON GC	N/A	N/A
	LUST	TOWN & COUNTRY N-28-NN-14960-1/	0 UNITED STATE HIGHWAY 1 CAMDEN SC 29020	NON GC	N/A	N/A

***Environmental FirstSearch
Sites Summary Report***

Target Property:

CAMDEN SC 29020

JOB:

510105726

TOTAL: 34

GEOCODED: 13

NON GEOCODED: 21

SELECTED: 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	TRIBALLAND	BUREAU OF INDIAN AFFAIRS CONTACT I BIA-29020/	UNKNOWN SC 29020	NON GC	N/A	N/A

***Environmental FirstSearch
Site Detail Report***

Target Property: CAMDEN SC 29020

JOB: 510105726

RCRAGN

SEARCH ID: 2	DIST/DIR: 0.00 --	ELEVATION: 142	MAP ID: 1
---------------------	--------------------------	-----------------------	------------------

NAME: SCARNG CAMDEN	REV: 9/14/10
ADDRESS: 1100 EHRENLOU DR	ID1: SC0000988428
CAMDEN SC 29020	ID2:
KERSHAW	STATUS: VGN
CONTACT:	PHONE:
SOURCE: EPA	

SITE INFORMATION

CONTACT INFORMATION: STEPHEN GARDNER
1 NATIONAL GUARD RD
COLUMBIA SC 292014766

PHONE: 8038064490

UNIVERSE INFORMATION:

NAIC INFORMATION

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

HAZARDOUS WASTE INFORMATION:

Ignitable waste

**Environmental FirstSearch
Site Detail Report**

Target Property: CAMDEN SC 29020

JOB: 510105726

UST

SEARCH ID: 8 **DIST/DIR:** 0.05 SE **ELEVATION:** 157 **MAP ID:** 2

NAME:	SHIRLEYS BAIT & TACKLE SHOP	REV:	8/23/10
ADDRESS:	209 BROAD ST	ID1:	N-28-NO-05395
	CAMDEN SC 29020	ID2:	05395
	KERSHAW	STATUS:	ABANDONED
CONTACT:		PHONE:	
SOURCE:	SC DHEC		

TOTAL NUMBER OF TANKS: 2

OWNER INFORMATION
OWNER: SHIRLEYS BAIT & TACKLE SHOP
209 S BROAD ST
CAMDEN SC 29020
OWNER TELEPHONE: 803-432-5311

OPERATOR: BOBBY SHIRLEY
803-432-5311

TANK INFORMATION
SITE ID: 05395
TANK NUMBER: 1
TANK STATUS: ABANDONED
CONTENTS: GASOLINE
TANK CAPACITY IN GALLONS: 1000
AGE: 25

SITE ID: 05395
TANK NUMBER: 2
TANK STATUS: ABANDONED
CONTENTS: GASOLINE
TANK CAPACITY IN GALLONS: 1000
AGE: 25

Environmental FirstSearch
Site Detail Report

Target Property: CAMDEN SC 29020

JOB: 510105726

UST

SEARCH ID: 7	DIST/DIR: 0.21 NW	ELEVATION: 162	MAP ID: 3
---------------------	--------------------------	-----------------------	------------------

NAME: STOP N SAVE 9	REV: 8/23/10
ADDRESS: 1024 DEKALB ST	ID1: 19193
CAMDEN SC 29020	ID2: 19193
KERSHAW	STATUS: CURRENTLY IN USE
CONTACT:	PHONE:
SOURCE: SC DHEC	

TOTAL NUMBER OF TANKS: 1

OWNER INFORMATION
OWNER: STOP N SAVE INC
2031 BULL ST
COLUMBIA SC 29203
OWNER TELEPHONE: 803-238-7671

OPERATOR: ZAHER MOHAMMAD
803-425-0043

TANK INFORMATION
SITE ID: 19193
TANK NUMBER: 1
TANK STATUS: CURRENTLY IN USE
CONTENTS: MULTIPLE PETROLEUM PRODUCTS
TANK CAPACITY IN GALLONS: 12000
AGE: 0

Environmental FirstSearch
Site Detail Report

Target Property:

CAMDEN SC 29020

JOB: 510105726

LUST

SEARCH ID: 9 **DIST/DIR:** 0.26 NW **ELEVATION:** 178 **MAP ID:** 4

NAME: CAMDEN CHEVRON **REV:** 4/1/03
ADDRESS: 1024 WEST DEKALB ST **ID1:** P-28-NO-10753-1
CAMDEN SC 29020 **ID2:**
KERSHAW **STATUS:**
CONTACT: **PHONE:**
SOURCE:

SITE INFORMATION

RELEASE CONFIRMATION DATE: 06/24/02
PRODUCT RELEASED: PETROL
PROJECT MANAGER: AKHVLEKT
NFA DATE:
RANK: 5B
OWNER: CAROLINA CONVENIENCE CORP

RELEASE CONFIRMATION DATE: 03/15/96
PRODUCT RELEASED: PETRO
PROJECT MANAGER: AKHVLEKT
NFA DATE:
RANK: 3BD
OWNER: CAROLINA CONVENIENCE CORP

TANK INFORMATION

TANK NUMBER: 1
TANK STATUS: CURRENTLY IN USE
CONTENTS: GASOLINE
TANK CAPACITY IN GALLONS: 10000
AGE: 0

TANK NUMBER: 1
TANK STATUS: CURRENTLY IN USE
CONTENTS: GASOLINE
TANK CAPACITY IN GALLONS: 10000
AGE: 0

TANK NUMBER: 2
TANK STATUS: CURRENTLY IN USE
CONTENTS: DIESEL
TANK CAPACITY IN GALLONS: 10000
AGE: 0

TANK NUMBER: 2
TANK STATUS: CURRENTLY IN USE
CONTENTS: DIESEL
TANK CAPACITY IN GALLONS: 10000
AGE: 0

TANK NUMBER: 3
TANK STATUS: CURRENTLY IN USE
CONTENTS: KEROSENE
TANK CAPACITY IN GALLONS: 4000
AGE: 0

TANK NUMBER: 3
TANK STATUS: CURRENTLY IN USE
CONTENTS: KEROSENE
TANK CAPACITY IN GALLONS: 4000

- Continued on next page -

**Environmental FirstSearch
Site Detail Report**

Target Property:

CAMDEN SC 29020

JOB:

510105726

LUST

SEARCH ID: 9 **DIST/DIR:** 0.26 NW **ELEVATION:** 178 **MAP ID:** 4

NAME: CAMDEN CHEVRON
ADDRESS: 1024 WEST DEKALB ST
CAMDEN SC 29020
KERSHAW

REV: 4/1/03
ID1: P-28-NO-10753-1
ID2:
STATUS:
PHONE:

CONTACT:
SOURCE:

AGE: 0

TANK NUMBER: 4
TANK STATUS: CURRENTLY IN USE
CONTENTS: GASOLINE
TANK CAPACITY IN GALLONS: 10000
AGE: 0

TANK NUMBER: 4
TANK STATUS: CURRENTLY IN USE
CONTENTS: GASOLINE
TANK CAPACITY IN GALLONS: 10000
AGE: 0

TANK NUMBER: 5
TANK STATUS: CURRENTLY IN USE
CONTENTS: GASOLINE
TANK CAPACITY IN GALLONS: 10000
AGE: 0

TANK NUMBER: 5
TANK STATUS: CURRENTLY IN USE
CONTENTS: GASOLINE
TANK CAPACITY IN GALLONS: 10000
AGE: 0

Environmental FirstSearch
Site Detail Report

Target Property:

CAMDEN SC 29020

JOB: 510105726

LUST

SEARCH ID: 10 **DIST/DIR:** 0.26 NW **ELEVATION:** 178 **MAP ID:** 4

NAME:	S MART 110	REV:	8/23/10
ADDRESS:	1024 WEST DEKALB ST CAMDEN SC 29020 KERSHAW	ID1:	10753
CONTACT:		ID2:	10753
SOURCE:	SC DHEC	STATUS:	NOT REPORTED
		PHONE:	

SITE INFORMATION

RELEASE REPORTED DATE: 10/20/95
RELEASE CONFIRMATION DATE: 03/15/96
PRODUCT RELEASED: PETRO
PROJECT MANAGER: THOMADL
NFA DATE:
RANK: 1C
OWNER: CAROLINA CONVENIENCE CORP

RELEASE REPORTED DATE: 04/25/02
RELEASE CONFIRMATION DATE: 06/24/02
PRODUCT RELEASED: PETROL
PROJECT MANAGER: THOMADL
NFA DATE:
RANK: 1C
OWNER: CAROLINA CONVENIENCE CORP

TANK INFORMATION

TANK NUMBER: 3
TANK STATUS: ABANDONED
CONTENTS: KEROSENE
TANK CAPACITY IN GALLONS: 4000
AGE: 0

TANK NUMBER: 2
TANK STATUS: ABANDONED
CONTENTS: DIESEL
TANK CAPACITY IN GALLONS: 10000
AGE: 0

TANK NUMBER: 5
TANK STATUS: ABANDONED
CONTENTS: GASOLINE
TANK CAPACITY IN GALLONS: 10000
AGE: 0

TANK NUMBER: 3
TANK STATUS: ABANDONED
CONTENTS: KEROSENE
TANK CAPACITY IN GALLONS: 4000
AGE: 0

TANK NUMBER: 4
TANK STATUS: ABANDONED
CONTENTS: GASOLINE
TANK CAPACITY IN GALLONS: 10000
AGE: 0

TANK NUMBER: 2
TANK STATUS: ABANDONED

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: CAMDEN SC 29020

JOB: 510105726

LUST

SEARCH ID: 10 **DIST/DIR:** 0.26 NW **ELEVATION:** 178 **MAP ID:** 4

NAME:	S MART 110	REV:	8/23/10
ADDRESS:	1024 WEST DEKALB ST	ID1:	10753
	CAMDEN SC 29020	ID2:	10753
	KERSHAW	STATUS:	NOT REPORTED
CONTACT:		PHONE:	
SOURCE:	SC DHEC		

CONTENTS: DIESEL
TANK CAPACITY IN GALLONS: 10000
AGE: 0

TANK NUMBER: 1
TANK STATUS: ABANDONED
CONTENTS: GASOLINE
TANK CAPACITY IN GALLONS: 10000
AGE: 0

TANK NUMBER: 5
TANK STATUS: ABANDONED
CONTENTS: GASOLINE
TANK CAPACITY IN GALLONS: 10000
AGE: 0

TANK NUMBER: 1
TANK STATUS: ABANDONED
CONTENTS: GASOLINE
TANK CAPACITY IN GALLONS: 10000
AGE: 0

TANK NUMBER: 4
TANK STATUS: ABANDONED
CONTENTS: GASOLINE
TANK CAPACITY IN GALLONS: 10000
AGE: 0

**Environmental FirstSearch
Site Detail Report**

Target Property:

CAMDEN SC 29020

JOB:

510105726

LUST

SEARCH ID: 11 **DIST/DIR:** 0.50 NE **ELEVATION:** 180 **MAP ID:** 5

NAME: 902 BROAD ST PROPERTY

REV: 8/23/10

ADDRESS: 902 BROAD ST
CAMDEN SC 29
KERSHAW

ID1: U-43-UU-18425-1

ID2: 18425

STATUS: NFA

CONTACT:

PHONE:

SOURCE: SC DHEC

SITE INFORMATION

RELEASE REPORTED DATE: 05/14/99
RELEASE CONFIRMATION DATE: 05/17/99
PRODUCT RELEASED: PETRO
PROJECT MANAGER: STEPPAK
NFA DATE: 05/18/99
RANK:
OWNER: JACK FAKOURY

TANK INFORMATION

TANK NUMBER: 1
TANK STATUS: ABANDONED
CONTENTS: GASOLINE
TANK CAPACITY IN GALLONS: 1000
AGE: 25

TANK NUMBER: 2
TANK STATUS: ABANDONED
CONTENTS: GASOLINE
TANK CAPACITY IN GALLONS: 1000
AGE: 25

Environmental FirstSearch
Site Detail Report

Target Property:

CAMDEN SC 29020

JOB: 510105726

LUST

SEARCH ID: 12 **DIST/DIR:** 0.50 SE **ELEVATION:** 177 **MAP ID:** 6

NAME: CAMDEN MAINTENANCE FACILITY
ADDRESS: 0 S FAIR ST
CAMDEN SC 29020
KERSHAW

REV: 1/9/03
ID1: P-28-GS-05320-1
ID2:
STATUS:
PHONE:

CONTACT:
SOURCE:

SITE INFORMATION

RELEASE CONFIRMATION DATE: 06/24/93
PRODUCT RELEASED: PETRO
PROJECT MANAGER: COLLINJH
NFA DATE:
RANK: 4AA
OWNER: SC DEPT OF TRANSPORTATION

TANK INFORMATION

TANK NUMBER: 1
TANK STATUS: ABD
CONTENTS: DIESEL
TANK CAPACITY IN GALLONS: 12000
AGE: 5

TANK NUMBER: 2
TANK STATUS: ABD
CONTENTS: GASOLINE
TANK CAPACITY IN GALLONS: 10000
AGE: 10

TANK NUMBER: 3
TANK STATUS: ABD
CONTENTS: GASOLINE
TANK CAPACITY IN GALLONS: 6000
AGE:

TANK NUMBER: 4
TANK STATUS: ABD
CONTENTS: GASOLINE
TANK CAPACITY IN GALLONS: 6000
AGE:

TANK NUMBER: 5
TANK STATUS: ABD
CONTENTS: WASTE OIL
TANK CAPACITY IN GALLONS: 550
AGE: 25

TANK NUMBER: 6
TANK STATUS: CURRENTLY IN USE
CONTENTS: DIESEL
TANK CAPACITY IN GALLONS: 12000
AGE: 0

TANK NUMBER: 7
TANK STATUS: CURRENTLY IN USE
CONTENTS: GASOLINE
TANK CAPACITY IN GALLONS: 12000
AGE: 0

Environmental FirstSearch
Site Detail Report

Target Property:

CAMDEN SC 29020

JOB: 510105726

LUST

SEARCH ID: 13 **DIST/DIR:** 0.50 SE **ELEVATION:** 177 **MAP ID:** 6

NAME:	CAMDEN MAINTENANCE FACILITY	REV:	8/23/10
ADDRESS:	512 FAIR ST	ID1:	05320
	CAMDEN SC 29020	ID2:	05320
	KERSHAW	STATUS:	NOT REPORTED
CONTACT:		PHONE:	
SOURCE:	SC DHEC		

SITE INFORMATION

RELEASE REPORTED DATE: 06/07/93
RELEASE CONFIRMATION DATE: 06/24/93
PRODUCT RELEASED: PETRO
PROJECT MANAGER: JOHNSOMS
NFA DATE:
RANK: 4AA
OWNER: SC DEPARTMENT OF TRANSPORTATION

TANK INFORMATION

TANK NUMBER: 4
TANK STATUS: ABANDONED
CONTENTS: GASOLINE
TANK CAPACITY IN GALLONS: 6000
AGE:

TANK NUMBER: 5
TANK STATUS: ABANDONED
CONTENTS: WASTE OIL
TANK CAPACITY IN GALLONS: 550
AGE: 25

TANK NUMBER: 3
TANK STATUS: ABANDONED
CONTENTS: GASOLINE
TANK CAPACITY IN GALLONS: 6000
AGE:

TANK NUMBER: 2
TANK STATUS: ABANDONED
CONTENTS: GASOLINE
TANK CAPACITY IN GALLONS: 10000
AGE: 10

TANK NUMBER: 1
TANK STATUS: ABANDONED
CONTENTS: DIESEL
TANK CAPACITY IN GALLONS: 12000
AGE: 5

TANK NUMBER: 6
TANK STATUS: CURRENTLY IN USE
CONTENTS: DIESEL
TANK CAPACITY IN GALLONS: 12000
AGE: 0

TANK NUMBER: 7
TANK STATUS: CURRENTLY IN USE
CONTENTS: RUL
TANK CAPACITY IN GALLONS: 12000

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: CAMDEN SC 29020

JOB: 510105726

LUST

SEARCH ID: 13	DIST/DIR: 0.50 SE	ELEVATION: 177	MAP ID: 6
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NAME: CAMDEN MAINTENANCE FACILITY	REV: 8/23/10
ADDRESS: 512 FAIR ST	ID1: 05320
CAMDEN SC 29020	ID2: 05320
KERSHAW	STATUS: NOT REPORTED
CONTACT:	PHONE:
SOURCE: SC DHEC	

AGE: 0

***Environmental FirstSearch
Site Detail Report***

Target Property: CAMDEN SC 29020

JOB: 510105726

STATE

SEARCH ID: 3	DIST/DIR: 0.69 NW	ELEVATION: 202	MAP ID: 7
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NAME: CAMDEN HORSE TRAINING CENTER	REV: 8/23/10
ADDRESS: 1130 CHESTNUT ST	ID1: SCS123457008
CAMDEN SC 29020	ID2:
KERSHAW	STATUS: NONE
CONTACT:	PHONE:
SOURCE: SCDHEC	

DETAILS NOT AVAILABLE

***Environmental FirstSearch
Site Detail Report***

Target Property: CAMDEN SC 29020

JOB: 510105726

STATE

SEARCH ID: 5	DIST/DIR: 0.73 NE	ELEVATION: 192	MAP ID: 8
---------------------	--------------------------	-----------------------	------------------

NAME: HAZELWOOD CLEANERS #1	REV: 8/23/10
ADDRESS: 529 EAST DEKALB ST	ID1: SCDRY0051099
CAMDEN SC 29020	ID2:
KERSHAW	STATUS: NONE
CONTACT:	PHONE:
SOURCE: SCDHEC	

DETAILS NOT AVAILABLE

***Environmental FirstSearch
Site Detail Report***

Target Property: CAMDEN SC 29020

JOB: 510105726

STATE

SEARCH ID: 4	DIST/DIR: 0.76 NE	ELEVATION: 183	MAP ID: 9
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NAME: CITY LAUNDRY AND CLEANERS	REV: 8/23/10
ADDRESS: 404 RUTLEDGE ST	ID1: SCR000003707
CAMDEN SC 29020	ID2:
KERSHAW	STATUS: SPL;
CONTACT:	PHONE:
SOURCE: SCDHEC	

DETAILS NOT AVAILABLE

***Environmental FirstSearch
Site Detail Report***

Target Property: CAMDEN SC 29020

JOB: 510105726

STATE

SEARCH ID: 6	DIST/DIR: 0.77 NE	ELEVATION: 172	MAP ID: 10
---------------------	--------------------------	-----------------------	-------------------

NAME: ELECTRICAL MAINTENANCE AND TESTING INC	REV: 8/23/10
ADDRESS: 203 YORK ST	ID1: SCD083417568
CAMDEN SC 29020	ID2:
KERSHAW	STATUS: NONE
CONTACT:	PHONE:
SOURCE: SCDHEC	

DETAILS NOT AVAILABLE

Environmental FirstSearch
Site Detail Report

Target Property:

CAMDEN SC 29020

JOB: 510105726

RCRACOR

SEARCH ID: 1 **DIST/DIR:** 0.90 SW **ELEVATION:** 140 **MAP ID:** 11

NAME:	WEYLICHEM US INC WATEREE WASTEWATER FACIL	REV:	9/14/10
ADDRESS:	568 WARD RD	ID1:	SCD991278607
	LUGOFF SC 29078	ID2:	
	KERSHAW	STATUS:	CA
CONTACT:		PHONE:	
SOURCE:	EPA		

SITE INFORMATION

CONTACT INFORMATION: WILHELM FRINGS
2114 LARRY JEFFERS RD
ELGIN SC 29045

PHONE: 8034383471

CONTACT INFORMATION: JEFFERY BATSON
568 WARD RD
LUGOFF SC 29078

PHONE: 8032541237

UNIVERSE INFORMATION:

NAIC INFORMATION

339999 - ALL OTHER MISCELLANEOUS MANUFACTURING
32511 - PETROCHEMICAL MANUFACTURING
562 - WASTE MANAGEMENT AND REMEDIATION SERVICES
32532 - PESTICIDE AND OTHER AGRICULTURAL CHEMICAL MANUFACTURING

ENFORCEMENT INFORMATION:

AGENCY: E - EPA **DATE:** 5/20/1992
TYPE: 120 - WRITTEN INFORMAL

AGENCY: E - EPA **DATE:** 2/4/1992
TYPE: 210 - INITIAL 3008(A) COMPLIANCE ORDER

AGENCY: E - EPA **DATE:** 9/7/1993
TYPE: 310 - FINAL 3008(A) COMPLIANCE ORDER

AGENCY: E - EPA **DATE:** 5/20/1992
TYPE: 120 - WRITTEN INFORMAL

AGENCY: E - EPA **DATE:** 2/4/1992
TYPE: 210 - INITIAL 3008(A) COMPLIANCE ORDER

AGENCY: E - EPA **DATE:** 9/7/1993
TYPE: 310 - FINAL 3008(A) COMPLIANCE ORDER

VIOLATION INFORMATION:

VIOLATION NUMBER: 0001 **RESPONSIBLE:** E - EPA
DETERMINED: 4/11/1991 **DETERMINED BY:** E - EPA
CITATION:

VIOLATION NUMBER: 0001 **RESPONSIBLE:** S - STATE
DETERMINED: 8/8/1991 **DETERMINED BY:** S - STATE
CITATION:

RESOLVED: 8/31/1993

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property:

CAMDEN SC 29020

JOB: 510105726

RCRACOR

SEARCH ID: 1 **DIST/DIR:** 0.90 SW **ELEVATION:** 140 **MAP ID:** 11

NAME: WEYLICHEM US INC WATEREE WASTEWATER FACIL **REV:** 9/14/10
ADDRESS: 568 WARD RD **ID1:** SCD991278607
LUGOFF SC 29078 **ID2:**
KERSHAW **STATUS:** CA
CONTACT: **PHONE:**
SOURCE: EPA

TYPE: TSD-CLOSURE/POST-CLOSURE REQUIREMENTS

RESOLVED: 9/7/1993
TYPE: TSD-CLOSURE/POST-CLOSURE REQUIREMENTS

VIOLATION NUMBER: 0002 RESPONSIBLE: E - EPA
DETERMINED: 4/11/1991 DETERMINED BY: E - EPA
CITATION:
VIOLATION NUMBER: 0002 RESPONSIBLE: S - STATE
DETERMINED: 8/8/1991 DETERMINED BY: S - STATE
CITATION:
RESOLVED: 8/31/1993
TYPE: TSD-OTHER REQUIREMENTS

RESOLVED: 9/7/1993
TYPE: TSD-CONTINGENCY PLAN REQUIREMENTS

VIOLATION NUMBER: 0003 RESPONSIBLE: E - EPA
DETERMINED: 4/11/1991 DETERMINED BY: E - EPA
CITATION:
VIOLATION NUMBER: 0003 RESPONSIBLE: S - STATE
DETERMINED: 12/10/1991 DETERMINED BY: S - STATE
CITATION: 265.15(b)(1)&(2)
RESOLVED: 1/15/1992
TYPE: TSD-GENERAL STANDARDS

RESOLVED: 9/7/1993
TYPE: TSD-OTHER REQUIREMENTS (OVERSIGHT)

VIOLATION NUMBER: 0004 RESPONSIBLE: E - EPA
DETERMINED: 5/6/1992 DETERMINED BY: E - EPA
CITATION:
VIOLATION NUMBER: 0004 RESPONSIBLE: S - STATE
DETERMINED: 12/10/1991 DETERMINED BY: S - STATE
CITATION: 265.32(c)
RESOLVED: 9/7/1993
TYPE: TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS

RESOLVED: 1/15/1992
TYPE: TSD-GENERAL STANDARDS

VIOLATION NUMBER: 0005 RESPONSIBLE: S - STATE
DETERMINED: 6/7/1993 DETERMINED BY: S - STATE
CITATION: 262.41
RESOLVED: 7/15/1993
TYPE: TSD-GENERAL STANDARDS

VIOLATION NUMBER: 0006 RESPONSIBLE: S - STATE
DETERMINED: 6/7/1993 DETERMINED BY: S - STATE
CITATION: 265.33
RESOLVED: 7/15/1993
TYPE: TSD-PREPAREDNESS/PREVENTION REQUIREMENTS

- Continued on next page -

**Environmental FirstSearch
Site Detail Report**

Target Property:

CAMDEN SC 29020

JOB: 510105726

RCRACOR

SEARCH ID: 1 **DIST/DIR:** 0.90 SW **ELEVATION:** 140 **MAP ID:** 11

NAME:	WEYLICHEM US INC WATEREE WASTEWATER FACIL	REV:	9/14/10
ADDRESS:	568 WARD RD	ID1:	SCD991278607
	LUGOFF SC 29078	ID2:	
	KERSHAW	STATUS:	CA
CONTACT:		PHONE:	
SOURCE:	EPA		

VIOLATION NUMBER: 0007 RESPONSIBLE: S - STATE
DETERMINED: 12/9/1993 DETERMINED BY: S - STATE
CITATION: 265.72
RESOLVED: 7/14/1994
TYPE: TSD-GROUNDWATER MONITORING REQUIREMENTS

VIOLATION NUMBER: 0008 RESPONSIBLE: S - STATE
DETERMINED: 5/31/1994 DETERMINED BY: S - STATE
CITATION: 265.16(c)
RESOLVED: 7/14/1994
TYPE: TSD-GENERAL STANDARDS

VIOLATION NUMBER: 0009 RESPONSIBLE: S - STATE
DETERMINED: 5/21/1994 DETERMINED BY: S - STATE
CITATION: 265.56
RESOLVED: 7/14/1994
TYPE: TSD-GENERAL STANDARDS

CORRECTIVE ACTION INFORMATION

CA EVENT: 5/15/1997 CA050 - RFA COMPLETED

CA EVENT: 5/15/1997 CA075ME - CA PRIORITIZATION-MEDIUM CA PRIORITY

HAZARDOUS WASTE INFORMATION:

Ignitable waste
D000
Benzene

Environmental FirstSearch Descriptions

NPL: EPA NATIONAL PRIORITY LIST - The National Priorities List is a list of the worst hazardous waste sites that have been identified by Superfund. Sites are only put on the list after they have been scored using the Hazard Ranking System (HRS), and have been subjected to public comment. Any site on the NPL is eligible for cleanup using Superfund Trust money. A Superfund site is any land in the United States that has been contaminated by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.**FINAL** - Currently on the Final NPL**PROPOSED** - Proposed for NPL

NPL DELISTED: EPA NATIONAL PRIORITY LIST Subset - Database of delisted NPL sites. 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.**DELISTED** - Deleted from the Final NPL

CERCLIS: EPA COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM (CERCLIS)- CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL.**PART OF NPL**- Site is part of NPL site**DELETED** - Deleted from the Final NPL**FINAL** - Currently on the Final NPL**NOT PROPOSED** - Not on the NPL**NOT VALID** - Not Valid Site or Incident**PROPOSED** - Proposed for NPL**REMOVED** - Removed from Proposed NPL**SCAN PLAN** - Pre-proposal Site**WITHDRAWN** - Withdrawn

NFRAP: EPA COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM ARCHIVED SITES - database of Archive designated CERCLA sites that, to the best of EPA's knowledge, assessment has been completed and has determined no further steps will be taken to list this site on the National Priorities List (NPL). 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.**NFRAP** – No Further Remedial Action Plan**P** - Site is part of NPL site**D** - Deleted from the Final NPL**F** - Currently on the Final NPL**N** - Not on the NPL**O** - Not Valid Site or Incident**P** - Proposed for NPL**R** - Removed from Proposed NPL**S** - Pre-proposal Site**W** – Withdrawn

RCRA COR ACT: EPA RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.**RCRAInfo** facilities that have reported violations and subject to corrective actions.

RCRA TSD: EPA RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM TREATMENT, STORAGE, and DISPOSAL FACILITIES - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are

required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984. Facilities that treat, store, dispose, or incinerate hazardous waste.

RCRA GEN: EPA/MA DEP/CT DEP RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM GENERATORS - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984. Facilities that generate or transport hazardous waste or meet other RCRA requirements. **LGN - Large Quantity Generators** **SGN - Small Quantity Generators** **VGN – Conditionally Exempt Generator.** Included are RAATS (RCRA Administrative Action Tracking System) and CMEL (Compliance Monitoring & Enforcement List) facilities. **CONNECTICUT HAZARDOUS WASTE MANIFEST –** Database of all shipments of hazardous waste within, into or from Connecticut. The data includes date of shipment, transporter and TSD info, and material shipped and quantity. This data is appended to the details of existing generator records. **MASSACHUSETTES HAZARDOUS WASTE GENERATOR –** database of generators that are regulated under the MA DEP. **VQN-MA =** generates less than 220 pounds or 27 gallons per month of hazardous waste or waste oil. **SQL-MA =** generates 220 to 2,200 pounds or 27 to 270 gallons per month of waste oil. **LQG-MA =** generates greater than 2,200 lbs of hazardous waste or waste oil per month.

Fed Brownfield: EPA BROWNFIELD MANAGEMENT SYSTEM (BMS) - database designed to assist EPA in collecting, tracking, and updating information, as well as reporting on the major activities and accomplishments of the various Brownfield grant Programs. **CLEANUPS IN MY COMMUNITY (subset)** - Sites, facilities and properties that have been contaminated by hazardous materials and are being, or have been, cleaned up under EPA's brownfield's program.

ERNS: EPA/NRC EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS) - Database of incidents reported to the National Response Center. These incidents include chemical spills, accidents involving chemicals (such as fires or explosions), oil spills, transportation accidents that involve oil or chemicals, releases of radioactive materials, sightings of oil sheens on bodies of water, terrorist incidents involving chemicals, incidents where illegally dumped chemicals have been found, and drills intended to prepare responders to handle these kinds of incidents. Data since January 2001 has been received from the National Response System database as the EPA no longer maintains this data.

Tribal Lands: DOI/BIA INDIAN LANDS OF THE UNITED STATES - Database of areas with boundaries established by treaty, statute, and (or) executive or court order, recognized by the Federal Government as territory in which American Indian tribes have primary governmental authority. The Indian Lands of the United States map layer shows areas of 640 acres or more, administered by the Bureau of Indian Affairs. Included are Federally-administered lands within a reservation which may or may not be considered part of the reservation. **BUREAU OF INDIAN AFFIARS CONTACT** - Regional contact information for the Bureau of Indian Affairs offices.

State/Tribal Sites: SCDHEC CERCLA (SUPERFUND LISTING) - database that is closely associated with EPA's CERCLIS list and identifies facilities and/or locations that South Carolina has recognized with potential or existing

environmental contamination. Included within the South Carolina Sites List report is the federal, state or local agency which has primary responsibility for the site assessment and the remedial activities, the project manager, and the support agency.

State Spills 90: SCDHEC SPILLS LIST - database of spills that have been reported to the South Carolina Department of Health and Environmental Control. The data includes occurred date, responsible party data and media affected.

State/Tribal SWL: SCDHEC SOILD WASTE FACILITIES LIST - database concerned with the handling of solid waste and includes locations identified with solid waste landfilling or associated activities involving the handling of solid waste. The presence of a site on this list does not necessarily indicate existing environmental contamination but rather the potential. Included in this database are the following types of permitted sites/facilities: ASSIGN TYPE

DESCRIPTION ASH	ASH MONOFILL LANDFILLS CDL	C&D AND LAND-
CLEARING DEBRIS LANDFILLS - PART III CIW	CELLULOSIC & INERT WASTE ONLY CLO	
CLOSED CWC	COMPOSTING & WOOD CHIPPING/SHREDDING FACILITY C&D	
CONSTRUCTION, DEMOLITION AND LAND-CLEARING DEBRIS IDW		INACTIVE DOMESTIC
WASTE PERMITS IND	INDUSTRIAL LANDFILLS IW	INERT WASTE
PERMITS LCD	LAND-CLEARING DEBRIS & YARD TRASH MSW	MUNICIPAL
SOLID WASTE LANDFILLS NO	NEVER OPENED SDG	SLUDGE MONOFILL
PERMIT SOIL	USED OIL PROCESSING FACILITY TIR	WASTE TIRE FACILITY

State/Tribal LUST: SCDHEC CONFIRMED RELEASE REPORT - database of petroleum storage systems that have reported a leaking underground storage tank. The data includes facilities and/or locations that have confirmed releases.

State/Tribal UST/AST: SCDHEC UNDERGROUND STORAGE TANK LISTING (COMPREHENSIVE) - database of registered underground stationary petroleum storage tanks. Inclusion on this list indicates the presence of stationary petroleum storage tanks and, therefore, the potential for environmental problems. It does not necessarily indicate existing problems.

State/Tribal EC: SCDHEC PUBLIC RECORD (SUBSET) - A database of Land Use Controls consisting of all eligible response sites' activities that: 1) Occurred between July 1, 2005 - June 30, 2006; 2) Were completed between July 1, 2005 - June 30, 2006; 3) Are anticipated to have work performed on them between July 1, 2006 - June 30, 2007. Eligible response sites include Voluntary Cleanup Program Sites, Brownfield Sites, State Superfund Sites, State Consent Agreement Sites, State Consent Order Sites, Dry-cleaning Sites, Certain Regulated Underground Storage Tanks (USTs) and Formerly Used Defense Sites.

State/Tribal IC: SCDHEC PUBLIC RECORD (SUBSET) - A database of Land Use Controls consisting of all eligible response sites' activities that: 1) Occurred between July 1, 2005 - June 30, 2006; 2) Were completed between July 1, 2005 - June 30, 2006; 3) Are anticipated to have work performed on them between July 1, 2006 - June 30, 2007. Eligible response sites include Voluntary Cleanup Program Sites, Brownfield Sites, State Superfund Sites, State Consent Agreement Sites, State Consent Order Sites, Dry-cleaning Sites, Certain Regulated Underground Storage Tanks (USTs) and Formerly Used Defense Sites.

State/Tribal Brownfields: SCDHEC PUBLIC RECORD (SUBSET) - A database consisting of all eligible response sites' (Brownfield's) activities that: 1) Occurred between July 1, 2005 - June 30, 2006; 2) Were completed between July 1,

2005 - June 30, 2006; 3) Are anticipated to have work performed on them between July 1, 2006 - June 30, 2007.

Federal IC / EC: EPA FEDERAL ENGINEERING AND INSTITUTIONAL CONTROLS- Superfund sites that have either an engineering or an institutional control. The data includes the control and the media contaminated. RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES (RCRA) – RCRA site the have institutional controls.

Environmental FirstSearch Database Sources

NPL: EPA Environmental Protection Agency

Updated quarterly

NPL DELISTED: EPA Environmental Protection Agency

Updated quarterly

CERCLIS: EPA Environmental Protection Agency

Updated quarterly

NFRAP: EPA Environmental Protection Agency.

Updated quarterly

RCRA COR ACT: EPA Environmental Protection Agency.

Updated quarterly

RCRA TSD: EPA Environmental Protection Agency.

Updated quarterly

RCRA GEN: EPA/MA DEP/CT DEP Environmental Protection Agency, Massachusetts Department of Environmental Protection, Connecticut Department of Environmental Protection

Updated quarterly

Fed Brownfield: EPA Environmental Protection Agency

Updated quarterly

ERNS: EPA/NRC Environmental Protection Agency National Response Center.

Updated annually

Tribal Lands: DOI/BIA United States Department of the Interior Bureau of Indian Affairs

Updated annually

State/Tribal Sites: SCDHEC South Carolina Department of Health and Environmental Control

Updated quarterly

State Spills 90: SCDHEC South Carolina Department of Health and Environmental Control

Updated quarterly

State/Tribal SWL: SCDHEC South Carolina Department of Health and Environmental Control

Updated annually

State/Tribal LUST: SCDHEC South Carolina Department of Health and Environmental Control

Updated quarterly

State/Tribal UST/AST: SCDHEC South Carolina Department of Health and Environmental Control

Updated quarterly

State/Tribal EC: SCDHEC South Carolina Department of Health and Environmental Control

Updated quarterly

State/Tribal IC: SCDHEC South Carolina Department of Health and Environmental Control

Updated quarterly

State/Tribal Brownfields: SCDHEC South Carolina Department of Health and Environmental Control

Updated quarterly

Federal IC / EC: EPA Environmental Protection Agency

Updated quarterly

Environmental FirstSearch
Street Name Report for Streets within .25 Mile(s) of Target Property

Target Property:

CAMDEN SC 29020

JOB: 510105726

Street Name	Dist/Dir	Street Name	Dist/Dir
Ballfield Dr	0.16 NW		
Ballfield Rd	0.17 NW		
Belton Ct	0.17 NW		
Bramblewood Plantation Rd	0.00--		
Broad St	0.01 SE		
Broome Dr	0.01 NW		
Campbell St	0.20 SE		
Chase Cir	0.01 NW		
Chestnut Ferry Rd	0.00--		
Church St	0.17 SE		
Collins Cir	0.13 NW		
Cureton Rd	0.06 NW		
Duell St	0.00--		
Ehrenclou Dr	0.00--		
Goodale Ave	0.20 NW		
Jackies Ln	0.05 NW		
Kings Ave	0.09 NW		
Laurens St	0.10 NW		
Market St	0.14 SE		
Mattison St	0.23 NW		
McLeod Ct	0.01 NW		
Meeting St	0.13 SE		
Memorial Ave	0.15 SE		
Old River Rd	0.00--		
Roberts Way	0.06 NW		
S-28-897	0.00--		
Smyrl Cir	0.04 NW		
State Road S-28-703	0.07 SE		
State Road S-28-82	0.13 NW		
Sumter Hwy	0.05 SE		
W Dekalb St	0.01 NW		
Wateree Blvd	0.00--		
Wateree St	0.06 SE		
Wylie St	0.04 NW		
York St	0.04 NE		



HISTORICAL FIRE INSURANCE MAPS

NO MAPS AVAILABLE

**11-23-10
510105726**

CAMDEN SC 29020

A search of FirstSearch Technology Corporation's proprietary database of historical fire insurance map availability confirmed that there are NO MAPS AVAILABLE for the Subject Location as shown above.

FirstSearch Technology Corporation's proprietary database of historical fire insurance map availability represents abstracted information from the Sanborn® Map Company obtained through online access to the U.S. Library of Congress via local libraries.

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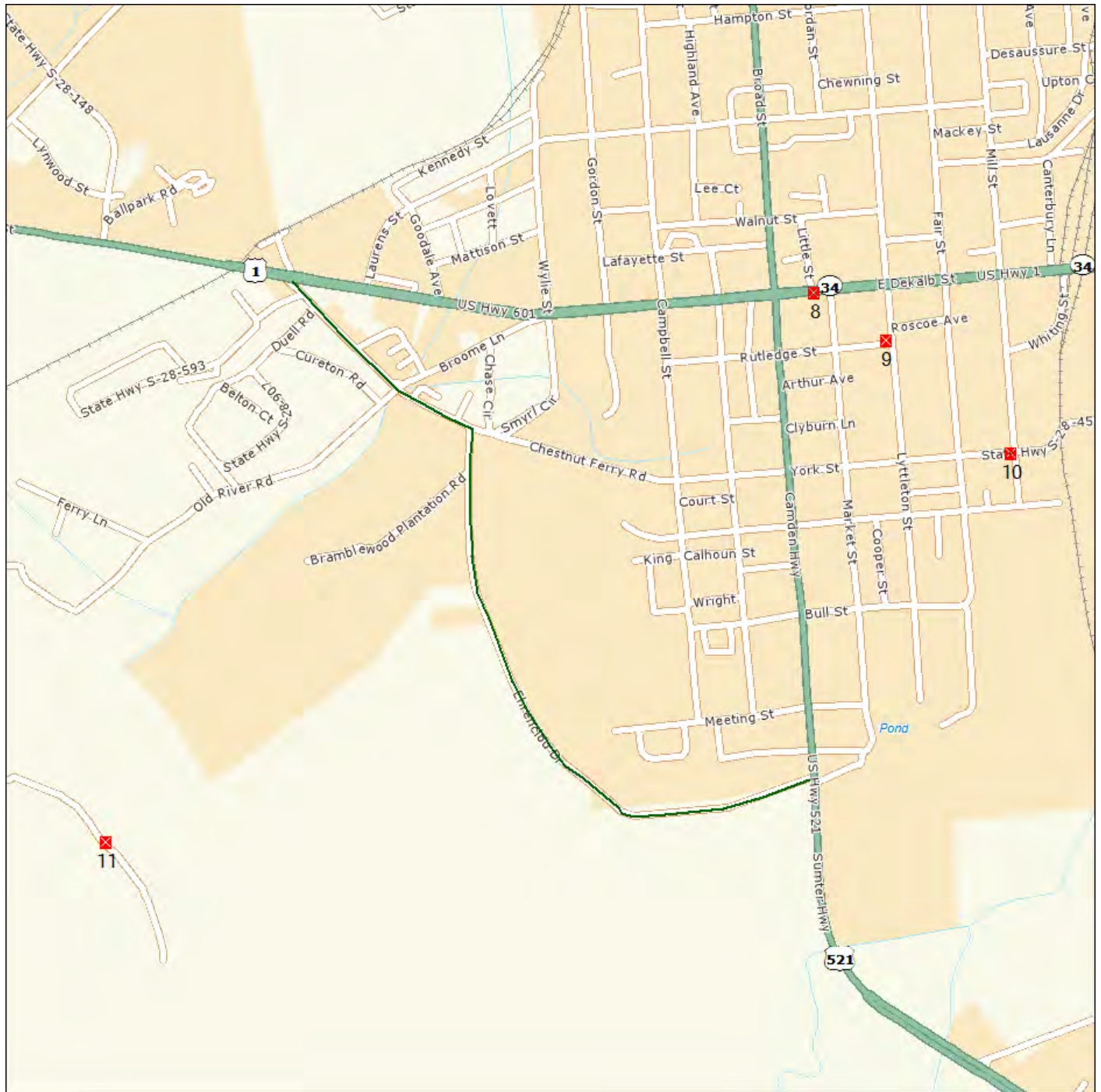


Environmental FirstSearch

1 Mile Radius from Line
ASTM Map: NPL, RCACOR, STATE Sites



, CAMDEN SC 29020



Source: Tele Atlas

- Linear Search Line
- Identified Site, Multiple Sites, Receptor
- NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste
- Triballand.....
- Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius





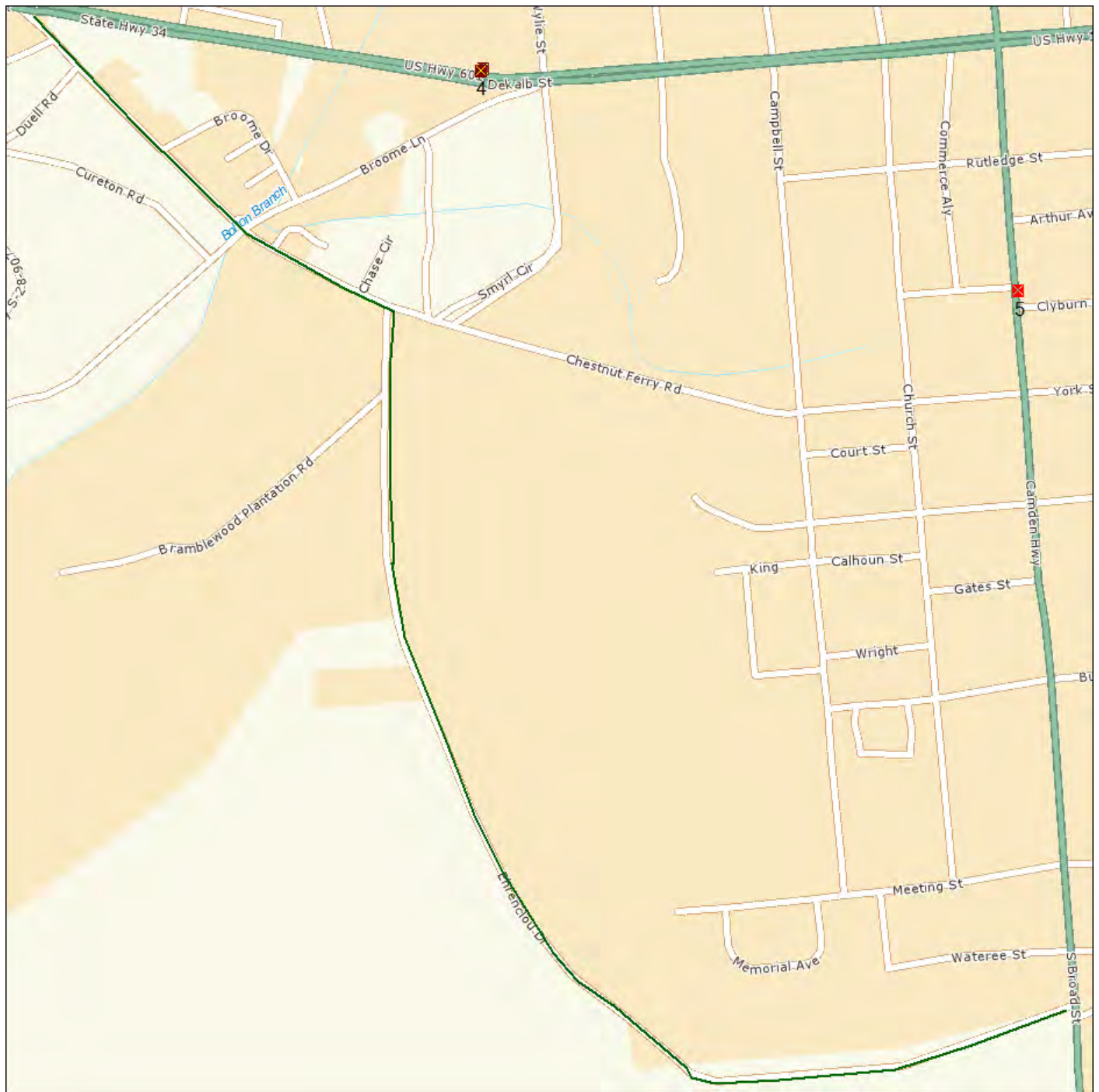
Environmental FirstSearch

.5 Mile Radius from Line

ASTM Map: CERCLIS, RCRATSD, LUST, SWL

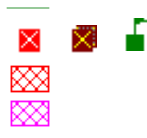


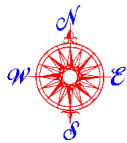
, CAMDEN SC 29020



Source: Tele Atlas

- Linear Search Line
- Identified Site, Multiple Sites, Receptor
- NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste
- Triballand.....
- Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius





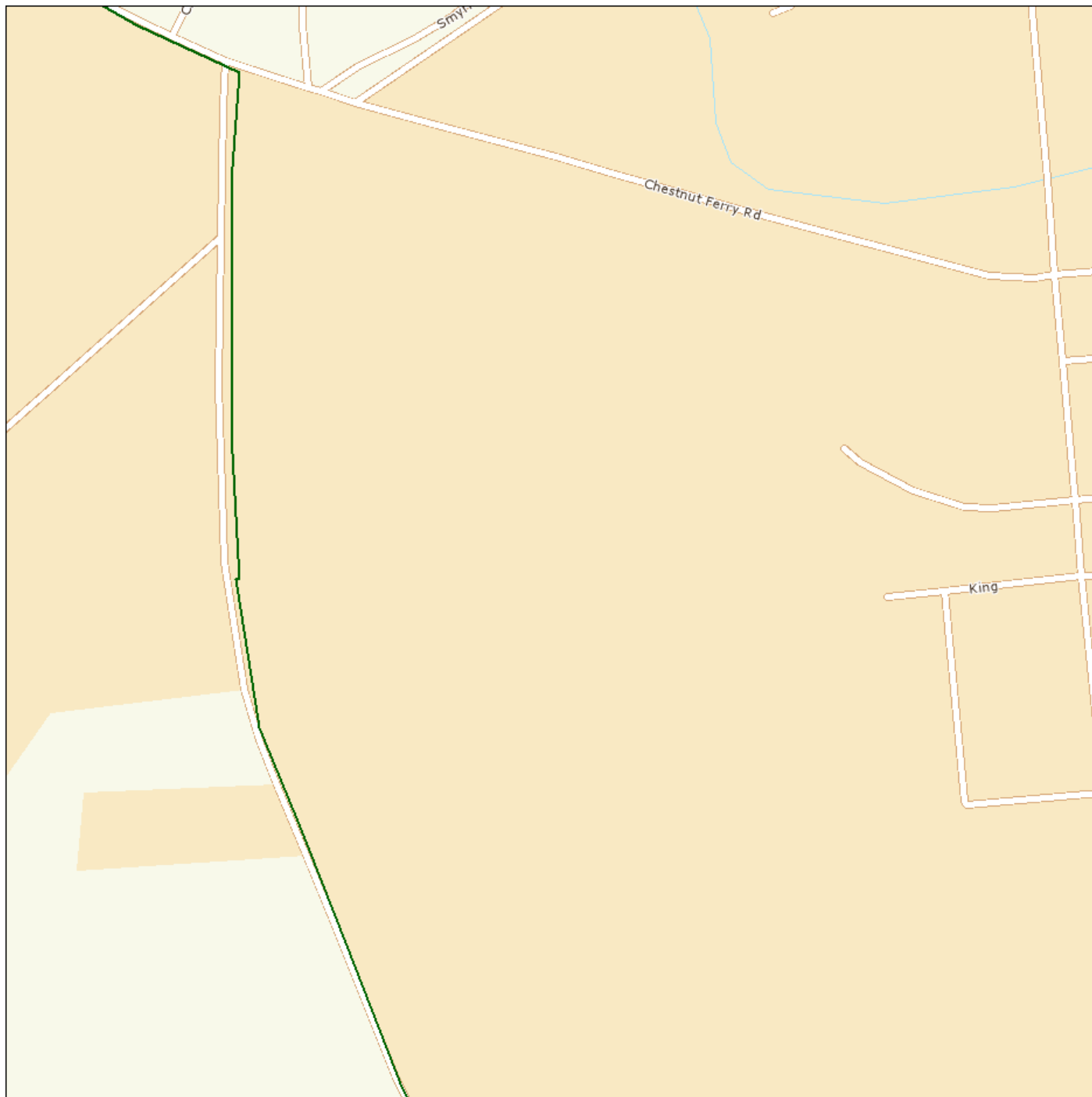
Environmental FirstSearch

.25 Mile Radius from Line

ASTM Map: RCRAGEN, ERNS, UST, FED IC/EC, METH LABS



, CAMDEN SC 29020



Source: Tele Atlas

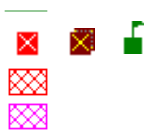
Linear Search Line

Identified Site, Multiple Sites, Receptor

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius



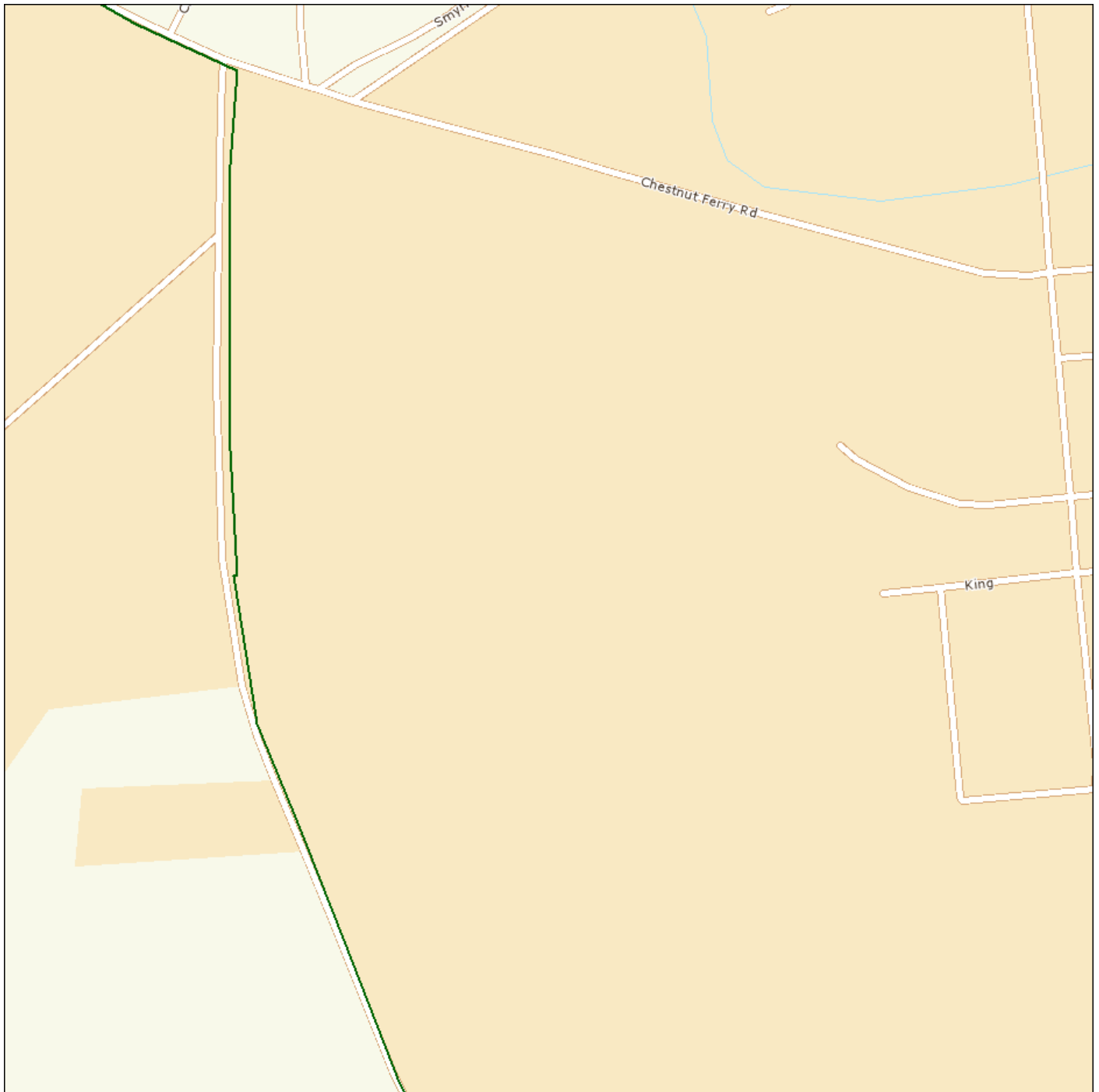


Environmental FirstSearch









.25 Mile Radius from Line
Non-ASTM Map: No Sites Found



, CAMDEN SC 29020



Source: Tele Atlas

- Linear Search Line 
 - Identified Site, Multiple Sites, Receptor   
 - NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste 
 - Triballand..... 
 - National Historic Sites and Landmark Sites  
- Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius

CITY DIRECTORY REVIEW

Report Date: November 24, 2010
 Client Job Number: 510105726
 FirstSearch Index Number: 247795
 Site Address(es): 1000-1100 Ehrenclou Drive
 Camden, SC 29020

A search was conducted for the subject area noted above to identify any Historical City Directory coverage/tenant information maintained at national repositories, local city/town libraries and/or various public sources.

The following information is the result of the search:

YEAR / SOURCE	CLOSEST LOWER ADDRESS LISTINGS	SUBJECT ADDRESS (ES)	CLOSEST UPPER ADDRESS LISTINGS
2010/Polk Directory	No Lower Listings No Lower Listings 82 Bramblewood Plantation Road A-1 Bonding & Enterprises Inc bonds-bail 101 Bramblewood Plantation Road Kershaw County Jail county govt Kershaw County Offices government offices-county 302 Chestnut Ferry Road Multiple Residential Listings Wylie Street Continues York Street Intersects Smyrl Circle Continues Chase Circle Begins Ehrenclou Drive Ends 1104-1108 Chestnut Ferry Road No Current Listing (2 Hses) Chestnut Ferry Road Intersects 1000 York Street Kershaw County Continuous Lrng schools Kershaw County Sch Mntnc Whse county government-genl offices Parents Center nonclassified establishments 813 York Street Residential Listing	1000 Ehrenclou Drive Not Listed 1022 Ehrenclou Drive Camden High School schools Kershaw County Sch Trnsprtn county government- genl offices Kershaw Radio Corp radio Stations/broadcasting co 1054 Ehrenclou Drive Highway Patrol State government- police 1056 Ehrenclou Drive Camden DMV department of motor vehicles 1100 Ehrenclou Drive Army National Guard state government National Guard Recruiter federal government	1105 Ehrenclou Drive Mini Storage storage- household & commercial Darryl Mc Caskill Builders home builders

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CONTINUED

<p>2005/Polk Directory</p>	<p>No Lower Listings</p> <p>No Lower Listings 82 Bramblewood Plantation Road A-1 Bonding & Enterprises Inc bonds-bail 101 Bramblewood Plantation Road Kershaw County Jail county govt Kershaw County Offices government offices-county</p> <p>302 Chestnut Ferry Road Multiple Residential Listings Wylie Street Continues York Street Intersects Smyrl Circle Continues Chase Circle Begins Ehrenclou Drive Ends 1102 Chestnut Ferry Road No Current Listing Chestnut Ferry Road Intersects 1000 York Street Kershaw County Continuous Kershaw County Teen Promotion human serv org Safe Center schools- genl interest 813 York Street Residential Listing</p>	<p>1000 Ehrenclou Drive Not Listed 1022 Ehrenclou Drive Camden High School schools 1054 Ehrenclou Drive Highway Patrol state government- police 1056 Ehrenclou Drive Public Safety Dept state government 1100 Ehrenclou Drive US Army National Guard federal government</p>	<p>1105 Ehrenclou Drive Mini Storage storage- household & commercial</p>
<p>2000/Polk Directory</p>	<p>No Lower Listings</p> <p>314 Chestnut Ferry Road Residential Listing York Street Continues Wylie Street Begins Smyrl Circle Begins 1102 Chestnut Ferry Road Residential Listing Ehrenclou Drive Ends Chase Circle Begins 1000 York Street Kershaw County Continuous Lrng Ctr elmntry scndry sch Chestnut Ferry Road Intersects 813 York Street Residential Listing</p>	<p>1000 Ehrenclou Drive Not Listed 1022 Ehrenclou Drive Camden H S elmntry scndry sch 1056 Ehrenclou Drive South Carolina Transportation Dept rgltn admn trnsprt 1100 Ehrenclou Drive South Carolina National Guard HHD 108 natl security</p>	<p>Chestnut Ferry Road Intersects Chase Circle Begins</p>

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<p>1995/Polk Directory</p>	<p>Street Not Listed</p> <p>1022 Chestnut Ferry Road Continuous Learning Center Kershaw county schools Wylie Street Intersects South Myrl Circle Intersects 1102 Chestnut Ferry Road Vacant Enrenclou Drive Intersects 813 York Street Residential Listing 809 York Street Residential Listing</p>	<p>Street Not Listed</p>	<p>Street Not Listed</p>
<p>1990/Polk Directory</p>	<p>Street Not Listed</p> <p>1000 Chestnut Ferry Road Camden Middle School 1102 Chestnut Ferry Road Residential Listing 813 York Street Vacant 809 York Street Residential Listing</p>	<p>Street Not Listed</p>	<p>Street Not Listed</p>
<p>1985/Polk Directory</p>	<p>Street Not Listed</p> <p>(No Address Number) Chestnut Ferry Road Camden Middle School 1102 Chestnut Ferry Road Residential Listing 813 York Street Residential Listing 809 York Street Residential Listing</p>	<p>Street Not Listed</p>	<p>Street Not Listed</p>
<p>1980/Polk Directory</p>	<p>Street Not Listed</p> <p>1102 Chestnut Ferry Road Residential Listing 1106 Chestnut Ferry Road Residential Listing 1000 York Street Camden Middle School Camden Middle Sch (North Bldg) 813 York Street Residential Listing</p>	<p>Street Not Listed</p>	<p>Street Not Listed</p>

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<p>1974-75/Hill Directory</p>	<p>Street Not Listed 1102 Chestnut Ferry Road Residential Listing 1106 Chestnut Ferry Road Residential Listing 1000 York Street Camden Middle School Camden Middle Sch (North Bldg) 813 York Street Residential Listing</p>	<p>Street Not Listed</p>	<p>Street Not Listed</p>
<p>1970/Hill Directory</p>	<p>Street Not Listed (No Address Numbers) Chestnut Ferry Road Jackson Junior High School Jackson High School 813 York Street Residential Listing 809 York Street Residential Listing</p>	<p>Street Not Listed</p>	<p>Street Not Listed</p>
<p>1966/Hill Directory</p>	<p>Street Not Listed (No Address Numbers) Chestnut Ferry Road Jackson High Sch 1102 Chestnut Ferry Road Residential Listing 1001 York Street Residential Listing 813 York Street Residential Listing</p>	<p>Street Not Listed</p>	<p>Street Not Listed</p>
<p>1964/Hill Directory</p>	<p>Street Not Listed (No Address Numbers) Chestnut Ferry Road Jackson High Sch Camden Launderama Vacant 809 York Street Residential Listing Campbell Intersects 719 York Street Residential Listing</p>	<p>Street Not Listed</p>	<p>Street Not Listed</p>

Notes:

Google Maps indicates Chestnut Ferry Road to be a continuation of York Street across Ehrenclou Drive

All listings observed for Ehrenclou Drive shown above, 2000-2010

Bramblewood Plantation Road not listed, 1964-2000

No further coverage available

GLOSSARY OF TERMS

“No Listing/Not Listed” - address not listed in the directory

“Vacant” or “No Current Listing” - status of address in directory

“Residential Listing” - one residential listing located at address

“Multiple Residential Listings” - more than one residential listing located at address

“Multiple Retail Listings” - more than one retail facility located at address

“Multiple Business Listings” - more than one business listing at address

“Multiple Government Offices” - more than one federal listing at an address

“Multiple Municipal Listings” - more than one municipal listing at an address

“Multiple Military Listings” - more than one military listing at an address

“Street Not Listed” - street not listed in directory

When multiple tenants/facilities are observed for one address, the information may be summarized as shown in the following examples:

- An apartment building will be represented by “Multiple Residential Listings”
- A retail shopping center will be represented by “Multiple Retail Listings” followed by a separate listing of sites, if present, which may contain the use of regulated/chemical/hazardous materials such as dry cleaners, photo finishers, hair salons, auto repair shops, etc.
- An office building consisting of attorneys, insurance, firms, or other facilities which do not indicate the use of regulated/chemical/hazardous materials will be represented by “Multiple Business Listings”

Residential addresses, including individual houses and apartment buildings, are listed as residential. Names of tenants can be provided if needed.

Unless otherwise noted, the subject address(es) plus four adjacent addresses up from the subject property and four addresses down from the subject property are included in the report, if available.

Although great care has been taken by FirstSearch Technology Corporation in compiling and verifying the information contained in this report to insure that it is accurate, FirstSearch Technology Corporation disclaims any and all liability for any errors, omissions, or inaccuracies in such information and data.

APPENDIX V

PHYSICAL SETTING SOURCES



Environmental FirstSearch

Historical Topographic Map



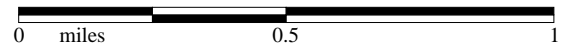
Quad Name: Camden South, SC
Year: 1953 Original Map Scale: 1: 24000

CAMDEN, SC



Job Number: 510105726
Target Site: -80.591500, 34.275200

W Quad Name: Lugoff, SC
Year: 1953 Original Map Scale: 1: 24000



Building		Railroad	
Topo Contour		Tanks	
Depression		Primary Highway	
Quarry or Open Pit Mine		Trail	



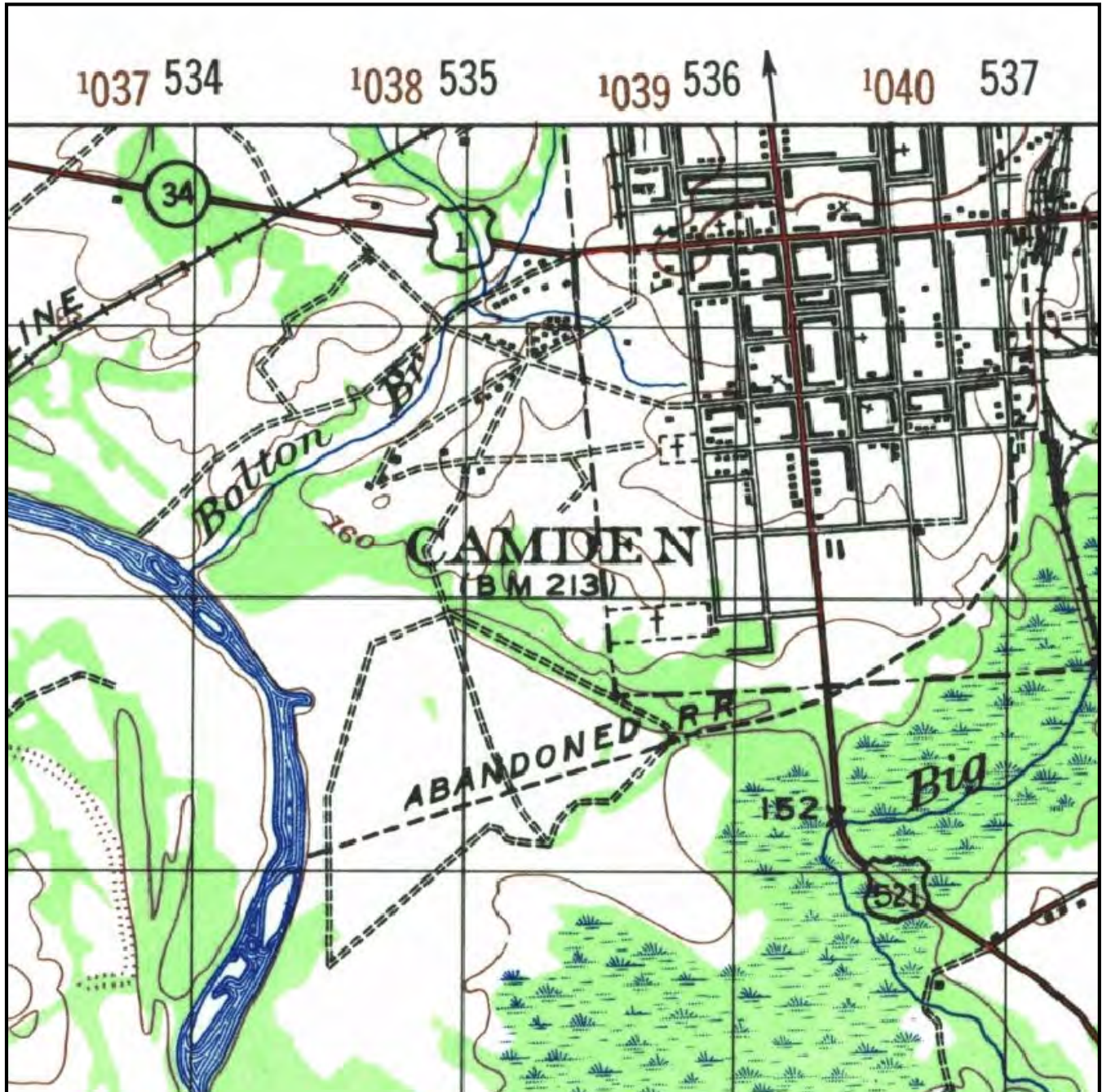
Environmental FirstSearch

Historical Topographic Map

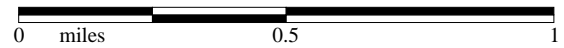


Quad Name: Hagood, SC
Year: 1948 Original Map Scale: 1: 50000

CAMDEN, SC



Job Number: 510105726
Target Site: -80.591500, 34.275200

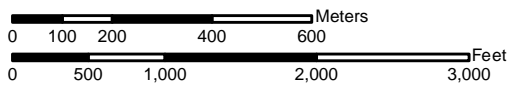


Building		Railroad	
Topo Contour		Tanks	
Depression		Primary Highway	
Quarry or Open Pit Mine		Trail	

Soil Map—Kershaw County Area, South Carolina




Map Scale: 1:15,000 if printed on A size (8.5" x 11") sheet.



MAP LEGEND






















Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Units

Special Point Features




-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot
-  Spoil Area
-  Stony Spot

 Very Stony Spot

 Wet Spot

 Other



Special Line Features

-  Gully
-  Short Steep Slope
-  Other






Political Features

 Cities

Water Features

-  Oceans
-  Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

MAP INFORMATION

Map Scale: 1:15,000 if printed on A size (8.5" × 11") sheet.

The soil surveys that comprise your AOI were mapped at 1:20,000.

Please rely on the bar scale on each map sheet for accurate map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>
 Coordinate System: UTM Zone 17N NAD83

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Kershaw County Area, South Carolina
 Survey Area Data: Version 12, Jan 8, 2009

Date(s) aerial images were photographed: 6/11/2006

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Kershaw County Area, South Carolina (SC610)			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Ch	Chewacla loam	171.2	18.2%
Co	Congaree loam	47.0	5.0%
GoA	Goldsboro loamy sand, 0 to 2 percent slopes	294.6	31.3%
Gr	Grady loam	22.3	2.4%
NoA	Norfolk loamy sand, 0 to 2 percent slopes	207.9	22.1%
NoB	Norfolk loamy sand, 2 to 6 percent slopes	151.2	16.1%
Pe	Pantego loam	6.7	0.7%
PnB	Pelion loamy sand, 2 to 6 percent slopes	2.6	0.3%
PnC	Pelion loamy sand, 6 to 10 percent slopes	5.9	0.6%
PsA	Persanti sandy loam, 0 to 2 percent slopes	7.3	0.8%
Ra	Rains sandy loam	15.5	1.6%
To	Toccoa sandy loam	2.6	0.3%
W	Water	5.7	0.6%
Totals for Area of Interest		940.5	100.0%

Kershaw County Area, South Carolina

W—Water

Map Unit Composition
Water: 100 percent

Data Source Information

Soil Survey Area: Kershaw County Area, South Carolina
Survey Area Data: Version 12, Jan 8, 2009

Kershaw County Area, South Carolina

To—Toccoa sandy loam

Map Unit Setting

Elevation: 470 to 1,500 feet

Mean annual precipitation: 45 to 60 inches

Mean annual air temperature: 63 to 72 degrees F

Frost-free period: 240 to 310 days

Map Unit Composition

Toccoa and similar soils: 100 percent

Description of Toccoa

Setting

Landform: Flood plains

Landform position (three-dimensional): Tread

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Loamy alluvium

Properties and qualities

Slope: 0 to 2 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Moderately well drained

Capacity of the most limiting layer to transmit water (Ksat): High (1.98 to 5.95 in/hr)

Depth to water table: About 30 inches

Frequency of flooding: Occasional

Frequency of ponding: None

Available water capacity: Moderate (about 6.6 inches)

Interpretive groups

Land capability (nonirrigated): 2w

Typical profile

0 to 9 inches: Sandy loam

9 to 49 inches: Sandy loam

49 to 60 inches: Loam

Data Source Information

Soil Survey Area: Kershaw County Area, South Carolina

Survey Area Data: Version 12, Jan 8, 2009

Kershaw County Area, South Carolina

Ra—Rains sandy loam

Map Unit Setting

Elevation: 40 to 450 feet

Mean annual precipitation: 45 to 60 inches

Mean annual air temperature: 63 to 72 degrees F

Frost-free period: 240 to 310 days

Map Unit Composition

Rains and similar soils: 100 percent

Description of Rains

Setting

Landform: Depressions, marine terraces

Landform position (three-dimensional): Tread

Down-slope shape: Concave, linear

Across-slope shape: Concave, linear

Parent material: Loamy marine deposits

Properties and qualities

Slope: 0 to 2 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Poorly drained

Capacity of the most limiting layer to transmit water

(Ksat): Moderately high to high (0.57 to 1.98 in/hr)

Depth to water table: About 0 to 12 inches

Frequency of flooding: None

Frequency of ponding: None

Available water capacity: Low (about 5.6 inches)

Interpretive groups

Land capability (nonirrigated): 3w

Typical profile

0 to 5 inches: Sandy loam

5 to 14 inches: Sandy loam

14 to 44 inches: Sandy clay loam

Data Source Information

Soil Survey Area: Kershaw County Area, South Carolina

Survey Area Data: Version 12, Jan 8, 2009

Kershaw County Area, South Carolina

PsA—Persanti sandy loam, 0 to 2 percent slopes

Map Unit Setting

Elevation: 40 to 450 feet

Mean annual precipitation: 45 to 60 inches

Mean annual air temperature: 63 to 72 degrees F

Frost-free period: 240 to 310 days

Map Unit Composition

Persanti and similar soils: 96 percent

Minor components: 4 percent

Description of Persanti

Setting

Landform: Marine terraces

Landform position (three-dimensional): Tread

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Clayey marine deposits

Properties and qualities

Slope: 0 to 2 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Moderately well drained

Capacity of the most limiting layer to transmit water

(Ksat): Moderately low to moderately high (0.06 to 0.20 in/hr)

Depth to water table: About 24 inches

Frequency of flooding: None

Frequency of ponding: None

Available water capacity: Moderate (about 8.3 inches)

Interpretive groups

Land capability (nonirrigated): 2w

Typical profile

0 to 6 inches: Sandy loam

6 to 32 inches: Clay

32 to 65 inches: Clay

Minor Components

Rains

Percent of map unit: 4 percent

Landform: Depressions, marine terraces

Landform position (three-dimensional): Tread

Down-slope shape: Concave, linear

Across-slope shape: Concave, linear

Data Source Information

Soil Survey Area: Kershaw County Area, South Carolina
Survey Area Data: Version 12, Jan 8, 2009

Kershaw County Area, South Carolina

PnC—Pelion loamy sand, 6 to 10 percent slopes

Map Unit Setting

Elevation: 40 to 450 feet

Mean annual precipitation: 45 to 60 inches

Mean annual air temperature: 63 to 72 degrees F

Frost-free period: 240 to 310 days

Map Unit Composition

Pelion and similar soils: 98 percent

Minor components: 2 percent

Description of Pelion

Setting

Landform: Marine terraces

Landform position (two-dimensional): Shoulder

Landform position (three-dimensional): Interfluve

Down-slope shape: Convex

Across-slope shape: Convex

Parent material: Loamy marine deposits

Properties and qualities

Slope: 6 to 10 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Moderately well drained

Capacity of the most limiting layer to transmit water (Ksat): Very low
to moderately high (0.00 to 0.57 in/hr)

Depth to water table: About 12 inches

Frequency of flooding: None

Frequency of ponding: None

Available water capacity: Low (about 4.7 inches)

Interpretive groups

Land capability (nonirrigated): 4e

Typical profile

0 to 6 inches: Loamy sand

6 to 14 inches: Loamy sand

14 to 20 inches: Sandy clay loam

20 to 37 inches: Clay

37 to 43 inches: Sandy loam

43 to 70 inches: Sandy clay loam

Minor Components

Rains

Percent of map unit: 2 percent

Landform: Depressions, marine terraces

Landform position (three-dimensional): Tread

Down-slope shape: Concave, linear

Across-slope shape: Concave, linear

Data Source Information

Soil Survey Area: Kershaw County Area, South Carolina
Survey Area Data: Version 12, Jan 8, 2009

Kershaw County Area, South Carolina

PnB—Pelion loamy sand, 2 to 6 percent slopes

Map Unit Setting

Elevation: 40 to 450 feet

Mean annual precipitation: 45 to 60 inches

Mean annual air temperature: 63 to 72 degrees F

Frost-free period: 240 to 310 days

Map Unit Composition

Pelion and similar soils: 97 percent

Minor components: 3 percent

Description of Pelion

Setting

Landform: Marine terraces

Landform position (two-dimensional): Summit

Landform position (three-dimensional): Interfluve

Down-slope shape: Convex

Across-slope shape: Convex

Parent material: Loamy marine deposits

Properties and qualities

Slope: 2 to 6 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Moderately well drained

Capacity of the most limiting layer to transmit water (Ksat): Very low
to moderately high (0.00 to 0.57 in/hr)

Depth to water table: About 12 inches

Frequency of flooding: None

Frequency of ponding: None

Available water capacity: Low (about 4.7 inches)

Interpretive groups

Land capability (nonirrigated): 2e

Typical profile

0 to 6 inches: Loamy sand

6 to 14 inches: Loamy sand

14 to 20 inches: Sandy clay loam

20 to 37 inches: Clay

37 to 43 inches: Sandy loam

43 to 70 inches: Sandy clay loam

Minor Components

Rains

Percent of map unit: 3 percent

Landform: Depressions, marine terraces

Landform position (three-dimensional): Tread

Down-slope shape: Concave, linear

Across-slope shape: Concave, linear

Data Source Information

Soil Survey Area: Kershaw County Area, South Carolina
Survey Area Data: Version 12, Jan 8, 2009

Kershaw County Area, South Carolina

Pe—Pantego loam

Map Unit Setting

Mean annual precipitation: 45 to 60 inches
Mean annual air temperature: 63 to 72 degrees F
Frost-free period: 240 to 310 days

Map Unit Composition

Pantego and similar soils: 100 percent

Description of Pantego

Setting

Landform: Stream terraces
Landform position (three-dimensional): Tread
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Loamy marine deposits

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Very poorly drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: About 0 to 12 inches
Frequency of flooding: None
Frequency of ponding: None
Available water capacity: High (about 9.4 inches)

Interpretive groups

Land capability (nonirrigated): 3w

Typical profile

0 to 14 inches: Loam
14 to 62 inches: Sandy clay loam

Data Source Information

Soil Survey Area: Kershaw County Area, South Carolina
Survey Area Data: Version 12, Jan 8, 2009

Kershaw County Area, South Carolina

NoB—Norfolk loamy sand, 2 to 6 percent slopes

Map Unit Setting

Mean annual precipitation: 45 to 60 inches

Mean annual air temperature: 63 to 72 degrees F

Frost-free period: 240 to 310 days

Map Unit Composition

Norfolk and similar soils: 100 percent

Description of Norfolk

Setting

Landform: Marine terraces

Landform position (three-dimensional): Tread

Down-slope shape: Convex

Across-slope shape: Convex

Parent material: Loamy marine deposits

Properties and qualities

Slope: 2 to 6 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Capacity of the most limiting layer to transmit water (Ksat): Very low
to high (0.00 to 1.98 in/hr)

Depth to water table: About 48 inches

Frequency of flooding: None

Frequency of ponding: None

Available water capacity: Moderate (about 8.1 inches)

Interpretive groups

Land capability (nonirrigated): 2e

Typical profile

0 to 8 inches: Loamy sand

8 to 14 inches: Loamy sand

14 to 60 inches: Sandy clay loam

60 to 70 inches: Sandy clay loam

Data Source Information

Soil Survey Area: Kershaw County Area, South Carolina

Survey Area Data: Version 12, Jan 8, 2009

Kershaw County Area, South Carolina

NoA—Norfolk loamy sand, 0 to 2 percent slopes

Map Unit Setting

Elevation: 40 to 450 feet

Mean annual precipitation: 45 to 60 inches

Mean annual air temperature: 63 to 72 degrees F

Frost-free period: 240 to 310 days

Map Unit Composition

Norfolk and similar soils: 95 percent

Minor components: 5 percent

Description of Norfolk

Setting

Landform: Marine terraces

Landform position (three-dimensional): Tread

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Loamy marine deposits

Properties and qualities

Slope: 0 to 2 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Capacity of the most limiting layer to transmit water (Ksat): Very low
to high (0.00 to 1.98 in/hr)

Depth to water table: About 48 inches

Frequency of flooding: None

Frequency of ponding: None

Available water capacity: Moderate (about 8.1 inches)

Interpretive groups

Land capability (nonirrigated): 1

Typical profile

0 to 8 inches: Loamy sand

8 to 14 inches: Loamy sand

14 to 60 inches: Sandy clay loam

60 to 70 inches: Sandy clay loam

Minor Components

Rains

Percent of map unit: 3 percent

Landform: Depressions, marine terraces

Landform position (three-dimensional): Tread

Down-slope shape: Concave, linear

Across-slope shape: Concave, linear

Grady

Percent of map unit: 2 percent

Landform: Depressions, marine terraces
Landform position (three-dimensional): Tread
Down-slope shape: Concave, linear
Across-slope shape: Concave, linear

Data Source Information

Soil Survey Area: Kershaw County Area, South Carolina
Survey Area Data: Version 12, Jan 8, 2009

Kershaw County Area, South Carolina

Gr—Grady loam

Map Unit Setting

Elevation: 100 to 450 feet

Mean annual precipitation: 45 to 60 inches

Mean annual air temperature: 63 to 72 degrees F

Frost-free period: 240 to 310 days

Map Unit Composition

Grady and similar soils: 100 percent

Description of Grady

Setting

Landform: Depressions, marine terraces

Landform position (three-dimensional): Tread

Down-slope shape: Concave, linear

Across-slope shape: Concave, linear

Parent material: Clayey marine deposits

Properties and qualities

Slope: 0 to 2 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Poorly drained

Capacity of the most limiting layer to transmit water

(Ksat): Moderately low to moderately high (0.06 to 0.20 in/hr)

Depth to water table: About 0 to 12 inches

Frequency of flooding: None

Frequency of ponding: None

Available water capacity: Moderate (about 8.3 inches)

Interpretive groups

Land capability (nonirrigated): 4w

Typical profile

0 to 3 inches: Loam

3 to 10 inches: Clay loam

10 to 60 inches: Clay

Data Source Information

Soil Survey Area: Kershaw County Area, South Carolina

Survey Area Data: Version 12, Jan 8, 2009

Kershaw County Area, South Carolina

GoA—Goldsboro loamy sand, 0 to 2 percent slopes

Map Unit Setting

Elevation: 40 to 450 feet

Mean annual precipitation: 45 to 60 inches

Mean annual air temperature: 63 to 72 degrees F

Frost-free period: 240 to 310 days

Map Unit Composition

Goldsboro and similar soils: 95 percent

Minor components: 5 percent

Description of Goldsboro

Setting

Landform: Marine terraces

Landform position (three-dimensional): Tread

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Loamy marine deposits

Properties and qualities

Slope: 0 to 2 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Moderately well drained

Capacity of the most limiting layer to transmit water

(Ksat): Moderately high to high (0.57 to 1.98 in/hr)

Depth to water table: About 24 inches

Frequency of flooding: None

Frequency of ponding: None

Available water capacity: Moderate (about 7.3 inches)

Interpretive groups

Land capability (nonirrigated): 2w

Typical profile

0 to 10 inches: Loamy sand

10 to 12 inches: Sandy loam

12 to 48 inches: Sandy clay loam

48 to 65 inches: Sandy clay loam

Minor Components

Rains

Percent of map unit: 3 percent

Landform: Depressions, marine terraces

Landform position (three-dimensional): Tread

Down-slope shape: Concave, linear

Across-slope shape: Concave, linear

Grady

Percent of map unit: 2 percent

Landform: Depressions, marine terraces
Landform position (three-dimensional): Tread
Down-slope shape: Concave, linear
Across-slope shape: Concave, linear

Data Source Information

Soil Survey Area: Kershaw County Area, South Carolina
Survey Area Data: Version 12, Jan 8, 2009

Kershaw County Area, South Carolina

Co—Congaree loam

Map Unit Setting

Elevation: 100 to 500 feet

Mean annual precipitation: 45 to 60 inches

Mean annual air temperature: 63 to 72 degrees F

Frost-free period: 240 to 310 days

Map Unit Composition

Congaree and similar soils: 100 percent

Description of Congaree

Setting

Landform: Flood plains

Landform position (three-dimensional): Tread

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Loamy alluvium

Properties and qualities

Slope: 0 to 2 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Capacity of the most limiting layer to transmit water

(Ksat): Moderately high to high (0.57 to 1.98 in/hr)

Depth to water table: About 30 inches

Frequency of flooding: Frequent

Frequency of ponding: None

Available water capacity: High (about 9.6 inches)

Interpretive groups

Land capability (nonirrigated): 3w

Typical profile

0 to 10 inches: Loam

10 to 37 inches: Loam

37 to 70 inches: Loam

Data Source Information

Soil Survey Area: Kershaw County Area, South Carolina

Survey Area Data: Version 12, Jan 8, 2009

Kershaw County Area, South Carolina

Ch—Chewacla loam

Map Unit Setting

Elevation: 50 to 300 feet

Mean annual precipitation: 45 to 60 inches

Mean annual air temperature: 63 to 72 degrees F

Frost-free period: 240 to 310 days

Map Unit Composition

Chewacla and similar soils: 95 percent

Minor components: 5 percent

Description of Chewacla

Setting

Landform: Flood plains

Landform position (three-dimensional): Tread

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Loamy alluvium

Properties and qualities

Slope: 0 to 2 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Somewhat poorly drained

Capacity of the most limiting layer to transmit water

(Ksat): Moderately high to high (0.57 to 1.98 in/hr)

Depth to water table: About 6 inches

Frequency of flooding: Occasional

Frequency of ponding: None

Available water capacity: High (about 9.7 inches)

Interpretive groups

Land capability (nonirrigated): 3w

Typical profile

0 to 8 inches: Loam

8 to 30 inches: Loam

30 to 54 inches: Loam

54 to 70 inches: Sandy loam

Minor Components

Pantego

Percent of map unit: 3 percent

Landform: Stream terraces

Landform position (three-dimensional): Tread

Down-slope shape: Linear

Across-slope shape: Linear

Wehadkee

Percent of map unit: 2 percent

Landform: Flood plains
Landform position (three-dimensional): Tread
Down-slope shape: Linear
Across-slope shape: Linear

Data Source Information

Soil Survey Area: Kershaw County Area, South Carolina
Survey Area Data: Version 12, Jan 8, 2009

APPENDIX VI

INTERVIEWS

Interview Log

09/29/11 – Brian Motley, Assistant Resident Maintenance Engineer (Kershaw County), SCDOT

Subject Corridor: S-897/Ehrenclou Drive and S-45/Chesnut Ferry Road ROW between US Highway 521/Sumter Highway/Broad Street and US Highway 1/West Dekalb Street.

Purpose: A Phase I Environmental Assessment is being conducted on the subject property at the request of the SCDOT. The following information is requested in order to evaluate the potential for petroleum or hazardous material contamination at the subject site. Please provide honest answers to the best of your ability. Thank you for your cooperation.

- Are you aware of any chemicals stored or spilled within the subject corridor?
No. Only, perhaps, at the sewage treatment plant but that is away from the corridor.
- Are you aware of any environmental cleanups conducted within the subject corridor?
No.
- Do you have any specialized knowledge of the site and surroundings? **No.** Does your knowledge give you reason to suspect any environmental concerns? **No.**
- Do you have any other knowledge that would be pertinent to the environmental professional? **There have been no major wrecks involving spills.**

Interview Log

01/12/11 – Henry Phillips, Environmental Project Manager, SCDOT

Subject Corridor: S-897/Ehrenclou Drive and S-45/Chesnut Ferry Road ROW between US Highway 521/Sumter Highway/Broad Street and US Highway 1/West Dekalb Street.


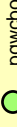
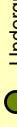
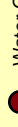
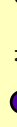


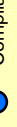
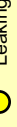

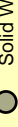

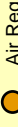
Purpose: A Phase I Environmental Assessment is being conducted on the subject property at the request of the SCDOT. The following information is requested in order to evaluate the potential for petroleum or hazardous material contamination at the subject site. Please provide honest answers to the best of your ability. Thank you for your cooperation.

- Are you aware of any environmental cleanup liens within the subject corridor?
No
- Are you aware of any AUL's such as engineering controls, land use restrictions, or institutional controls within the subject corridor?
No
- Are you aware of past uses within the subject corridor? If so, what are they?
None other than roadways
- Are you aware of any chemicals stored or spilled within the subject corridor?
No
- Are you aware of any environmental cleanups conducted within the subject corridor?
No
- Do you have any specialized knowledge of the site and surroundings? Does your knowledge give you reason to suspect any environmental concerns?
SCDOT specialized knowledge does not extend to environmental conditions within the corridor.
- Do you have any other knowledge that would be pertinent to the environmental professional? **All information available to SCDOT regarding the environmental status of the project corridor is contained in the Advanced Project Planning Report, dated February 2009. Please see relevant pages attached.**

Camden Truck Routes Kershaw County

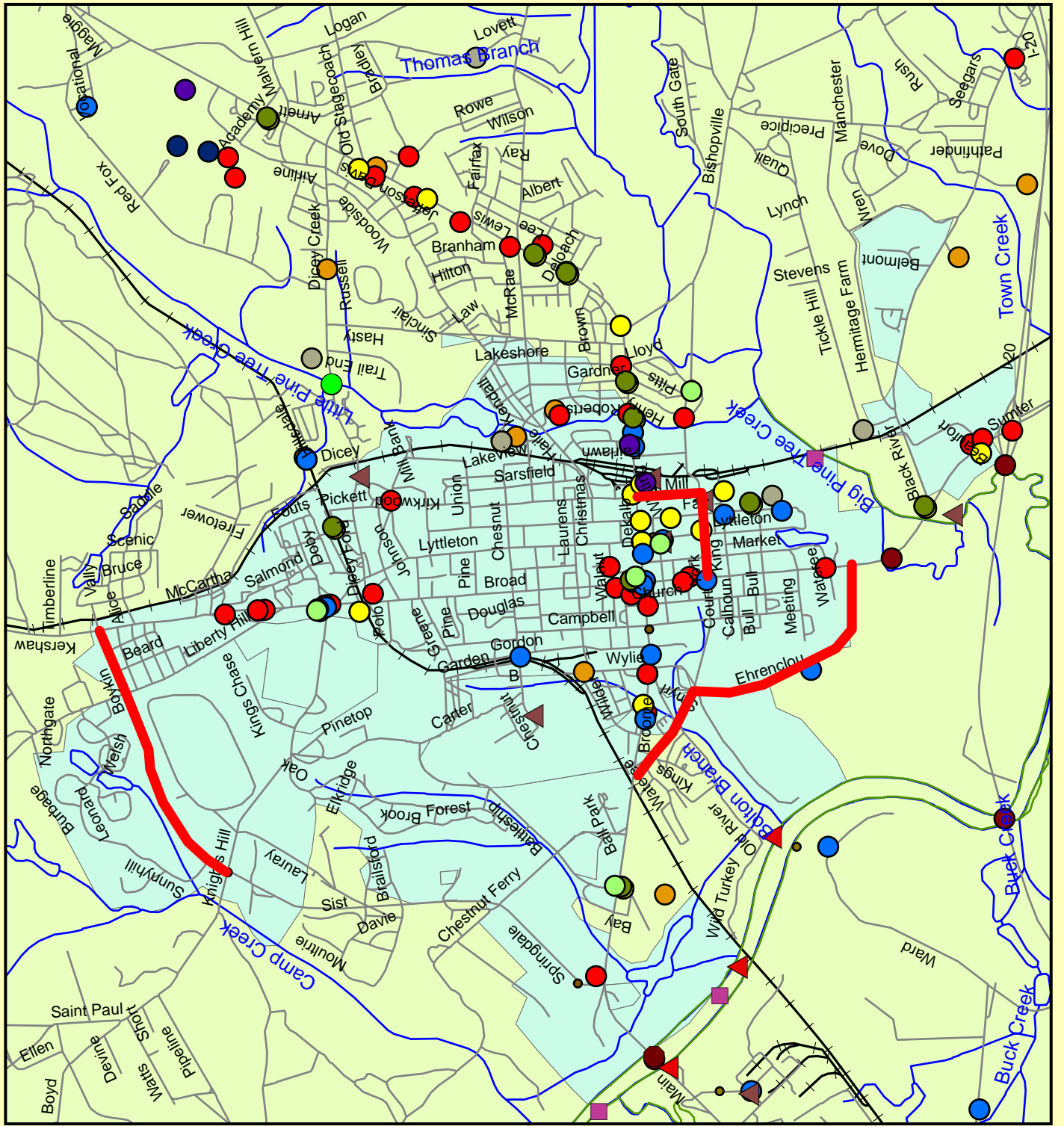
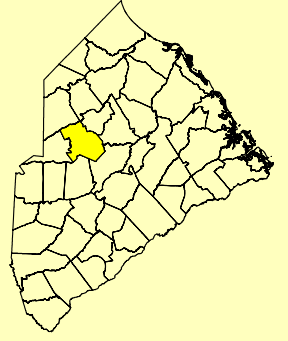
DHEC Sites

Legend

- █ Potential Project
-  Railroad
-  pgwcbow
-  Underground Storage Tank
-  Water Quality Monitoring System
-  Above Ground Storage
-  cercla
-  Compliance Enforcement Sites
-  Leaking Underground Storage Tank
-  Mine Points
-  Solid Waste
-  Underground Storage Tank
-  Air Regulated Facility
-  nwvat401



Office of Planning
March 2008



Interview Log

01/12/11 – Phil Elliot, Deputy Chief, Camden Fire Department

Subject Corridor: S-897/Ehrenclou Drive and S-45/Chesnut Ferry Road ROW between US Highway 521/Sumter Highway/Broad Street and US Highway 1/West Dekalb Street.

Purpose: A Phase I Environmental Assessment is being conducted on the subject property at the request of the SCDOT. The following information is requested in order to evaluate the potential for petroleum or hazardous material contamination at the subject site. Please provide honest answers to the best of your ability. Thank you for your cooperation.

- Are you aware of any chemicals stored or spilled within the subject corridor?
Not in the immediate area. A leaking UST is located on Dekalb Street/Wylie St intersection and there are test wells extending down to old river road about a ¼ mile away.
- Are you aware of any environmental cleanups conducted within the subject corridor?
No. No emergency spill responses to this area.
- Do you have any specialized knowledge of the site and surroundings? **Yes. Resident for over 50 years.** Does your knowledge give you reason to suspect any environmental concerns? **No.**
- Do you have any other knowledge that would be pertinent to the environmental professional? **No.**

APPENDIX VII

FEEDOM OF INFORMATION ACT (FOIA)



C. Earl Hunter, Commissioner

Promoting and protecting the health of the public and the environment.

October 20, 2009

CT Corporation System
Registered Agent for Carlyle Development, LLC
75 Beattie Place
Greenville, South Carolina 29601

Ms. Karen Aldridge Crawford, Esq.
Nelson Mullins, Riley & Scarborough, LLP
17th Floor, Meridian
1320 Main Street
Columbia, South Carolina 29211

RE: Voluntary Cleanup Contract #05-5611-Non Responsible Party
Carlyle Development, LLC (Carlyle)
~~Camden Horse Training Center~~
Kershaw County, South Carolina

Additional Groundwater Sampling, dated October 5, 2009
Prepared by ARM Environmental Services, Inc. on behalf of Carlyle

CERTIFICATE OF COMPLETION

Dear Registered Agent and Ms. Crawford:

In correspondence dated March 27, 2008, the Department acknowledged that Carlyle had met the requirements of Paragraph 5 of the Voluntary Cleanup Contract (VCC) in that the environmental investigation was considered to be complete for this Property. Based on the data available at that time, the Department concluded that hazardous substances in excess of residential standards were present in groundwater beneath the Property. Therefore, the Department prepared a Declaration of Covenants and Restrictions (Covenant) for the Property in order to restrict the use of groundwater. Carlyle chose to conduct additional groundwater sampling in order to conclusively determine whether the detection of arsenic, chromium, and lead in samples collected from temporary wells was due to sample bias, such as turbidity, or should be attributed to onsite activities.

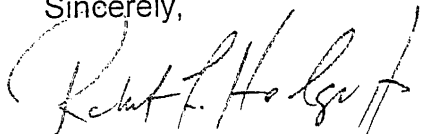
In August 2009, ARM Environmental Services, Inc. (ARM) installed four shallow permanent monitoring wells on the Property. Three of those wells were installed in areas where the temporary wells had been located. One well was installed to establish background groundwater quality. ARM collected groundwater samples from these four permanent monitoring wells using a low flow sampling method to ensure low groundwater sample turbidity.

The Department has completed a review of the Additional Groundwater Sampling report referenced above and has concluded that Carlyle has adequately demonstrated that ~~groundwater~~ beneath the Property has not been impacted from onsite activities. Therefore, a Covenant to restrict the use of groundwater is not warranted.

In conclusion, the Department acknowledges that Carlyle ~~has~~ satisfactorily completed the terms of the VCC. In accordance with Paragraph 18 of the VCC, the Department, under its authority to enforce CERCLA, 42 U.S.C. §§ 9601, et seq., pursuant to the HWMA, S.C. Code Ann. § 44-56-200, gives Carlyle this Certificate of Completion that provides a covenant not to sue Carlyle, it's Non-Responsible Party lenders, parents, subsidiaries, successors, and assigns for Existing Contamination, except for releases and consequences that Carlyle causes.

Should you have any questions or concerns with regard to this matter, please do not hesitate to contact me at (803) 896-4069 or by electronic mail at overcajc@dhec.sc.gov.

Sincerely,



Robert F. Hodges, Jr. P.G., Manager
Brownfields Program
Division of Site Assessment, Remediation and Revitalization
Bureau of Land and Waste Management

cc: BLWM File 57207

Electronic Mail:

James Owens, Director, EQC Region 4 Sumter
Jo Cherie Overcash, Brownfields BLWM



C. Earl Hunter, Commissioner

Promoting and protecting the health of the public and the environment.

April 5, 2007

Re: Fund Eligibility for Former ~~Hazelwood Cleaners~~,
529 East DeKalb Street, Camden, SC
SCDHEC Project #51099

To Whom It May Concern:

Per a conversation with Dr. Bill Hazelwood today, I am providing you with information about the South Carolina Drycleaning Restoration Trust Fund as it relates to the above referenced site.

The Fund is designed to pay for assessment and remediation of contamination coming from eligible drycleaning sites regardless of whether the plume passes onto adjacent properties. Money for the Fund is collected from surcharges on drycleaning solvents, annual registration fees and a 1% tax on gross sales and is paid by the drycleaners. The costs of the assessment and any required remediation will be paid by the drycleaning facility in conjunction with the Fund. In the event that the site ceases to be eligible for the Fund, the Department would seek assessment and remediation costs from the owners and operators of the drycleaning facility only.

~~During the initial soil sampling event, contamination was not found, therefore, Hazelwood Cleaners is not eligible for the fund.~~ They would need to have a secondary assessment completed to either confirm the initial results or to actually find the contamination. Once contamination is found, then the property will be fully eligible for the fund.

Since Hazelwood Cleaners has ceased to operate on the property, the Fund eligibility transfers with the property. The Department would then seek payment of the balance of the deductible from the property owner when the site becomes a priority and deal exclusively with the property owner on all matters pertaining to this site. At this time, Hazelwood Cleaners has an owed balance of \$300.00 remaining on the deductible. However, this would likely be taken care of by the secondary assessment needed for the site to become fully eligible.

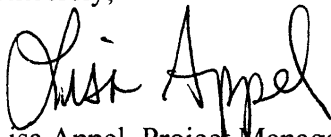
Hazelwood Cleaners was ranked as if it did have confirmed evidence of contamination. It has a current ranking of 105th out of 400 sites. If contamination is found and given the current anticipated workload of assessment and remediation of the drycleaning sites, it is anticipated that this site would have further work performed on it sometime during 2008. When this occurs, the assessment and remediation would be designed around any buildings or other structures erected on the property and should result in only minimal disruptions of activities on the site.

The Department will not take enforcement actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) against the owner of property where hazardous substances have come to be located as a result of subsurface migration from a source or sources outside the property. This position is subject to the following conditions, the

satisfaction of which is to be determined by the Department: 1) the landowner did not cause, contribute to, or exacerbate the release of hazardous substances; 2) the person that caused the release was not an agent or employee of the landowner and was not in a direct or indirect contractual relationship with the landowner; 3) there is no alternative basis for the landowner's liability such as liability as a generator or transporter; and 4) the landowner agrees to allow access to the Department, the Environmental Protection Agency, and any responsible party for the future assessment and remediation activities. The Department's position is consistent with the EPA's "Policy Toward Owners of Property Containing Contaminated Aquifers", final version dated May 24, 1995.

If you have any questions, please do not hesitate to call me at 803-896-4060 or at the toll-free number 1-866-343-2379.

Sincerely,

A handwritten signature in black ink that reads "Lisa Appel". The signature is written in a cursive, flowing style.

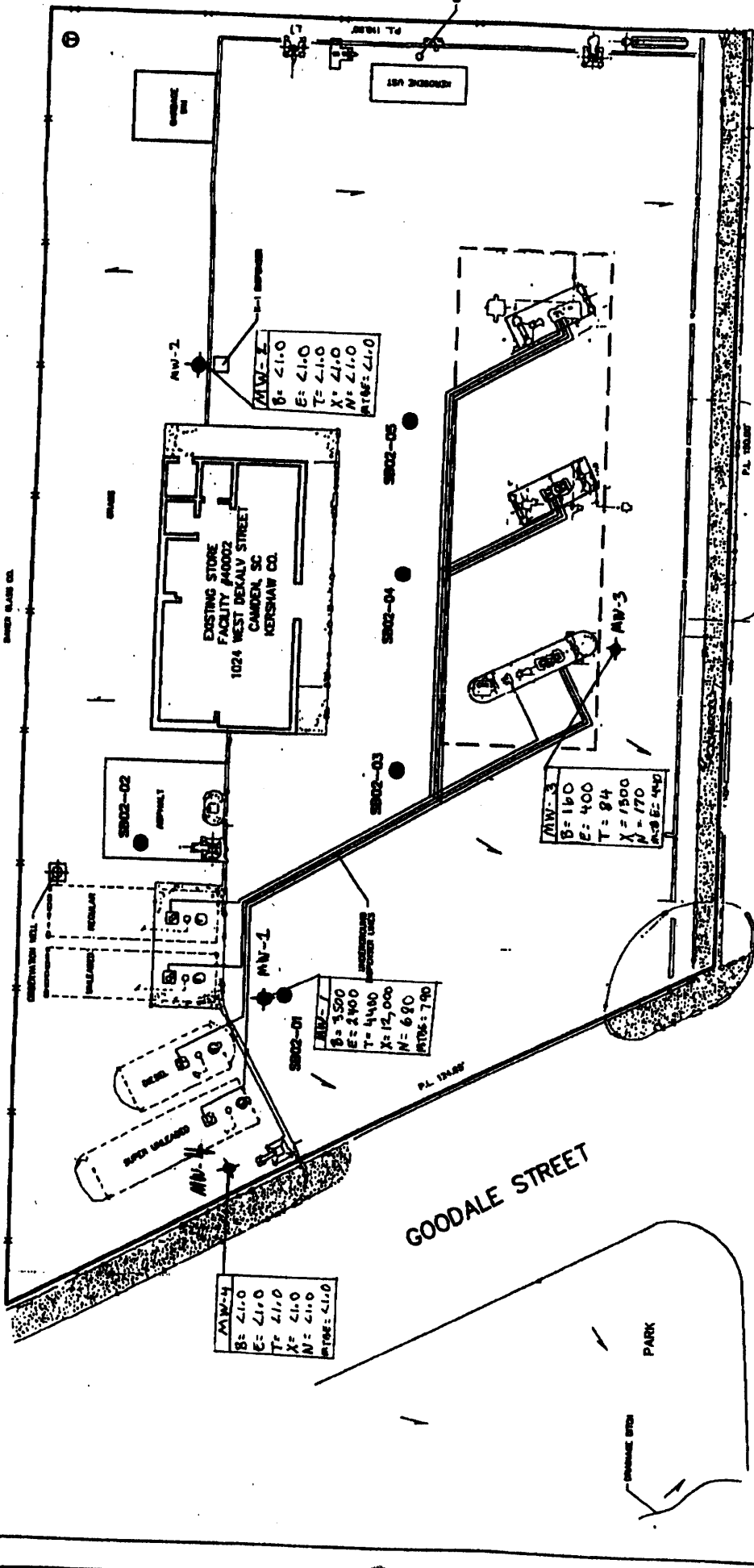
Lisa Appel, Project Manager
Federal and Drycleaning Remediation Section
Bureau of Land and Waste Management

cc: File #51099

Tier I Assessment
Preliminary GW Analytical Results: 8/23/00
DHEC ID 10753
Former Conoco #40002
Camden, SC

CoC	RBSL	Sample Date	MW-1	MW-2	MW-3	MW-4
Free Product	none	8/23/00	none	none	none	none
Benzene	5	8/23/00	3,500	<1.0	160	<1.0
Ethylbenzene	1,000	8/23/00	2,400	<1.0	400	<1.0
Toluene	700	8/23/00	4,400	<1.0	84	<1.0
Xylenes	10,000	8/23/00	12,000	<1.0	1,300	<1.0
Napthalene	40	8/23/00	680	<1.0	170	<1.0
MTBE	25	8/23/00	780	<1.0	440	<1.0

Concentrations in ug/l



* Results in ug/L
 * Samples taken 8/23/00

Preliminary
 GW Analyticals

DHEC ID 10753
 Former # 40002
 Camden, SC

WEST DEKALB STREET U.S. HWY. 1

PRIVILEGED & CONFIDENTIAL
 COMMUNICATION
 SETTLEMENT DOCUMENT/
 FOIA EXEMPT

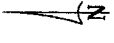
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BROWN & ROOT ENVIRONMENTAL

SCALE IN FEET (APPROXIMATE)
 0 20 40

FIGURE
 SITE PLAN WITH SOIL B
 CONOCO FACILITY NO. 40002
 DRAWN BY: J.M.
 CHECKED BY: J.M.
 SCALE: AS NOTED
 CONTRACT NO.:



- LEGEND**
- SITE BOUNDARY LINE
 - - - WATER LINE
 - - - ELECTRIC LINE
 - - - TELEPHONE LINE
 - ◆ MONITORING WELL (TYPE II)
 - ◆ MONITORING WELL (TYPE III)

MTBE METHYL TERTIARY BUTYL ETHER
 ETB ETHYLENE DIBROMIDE
 DCA DICHLORODETHANE
 B COMPOUND WAS FOUND IN THE BLANK AND SAMPLE
 J RESULT IS LESS THAN THE REPORTING LIMIT BUT GREATER THAN OR EQUAL TO THE METHOD DETECTION LIMIT AND THE CONCENTRATION IS AN APPROXIMATE VALUE

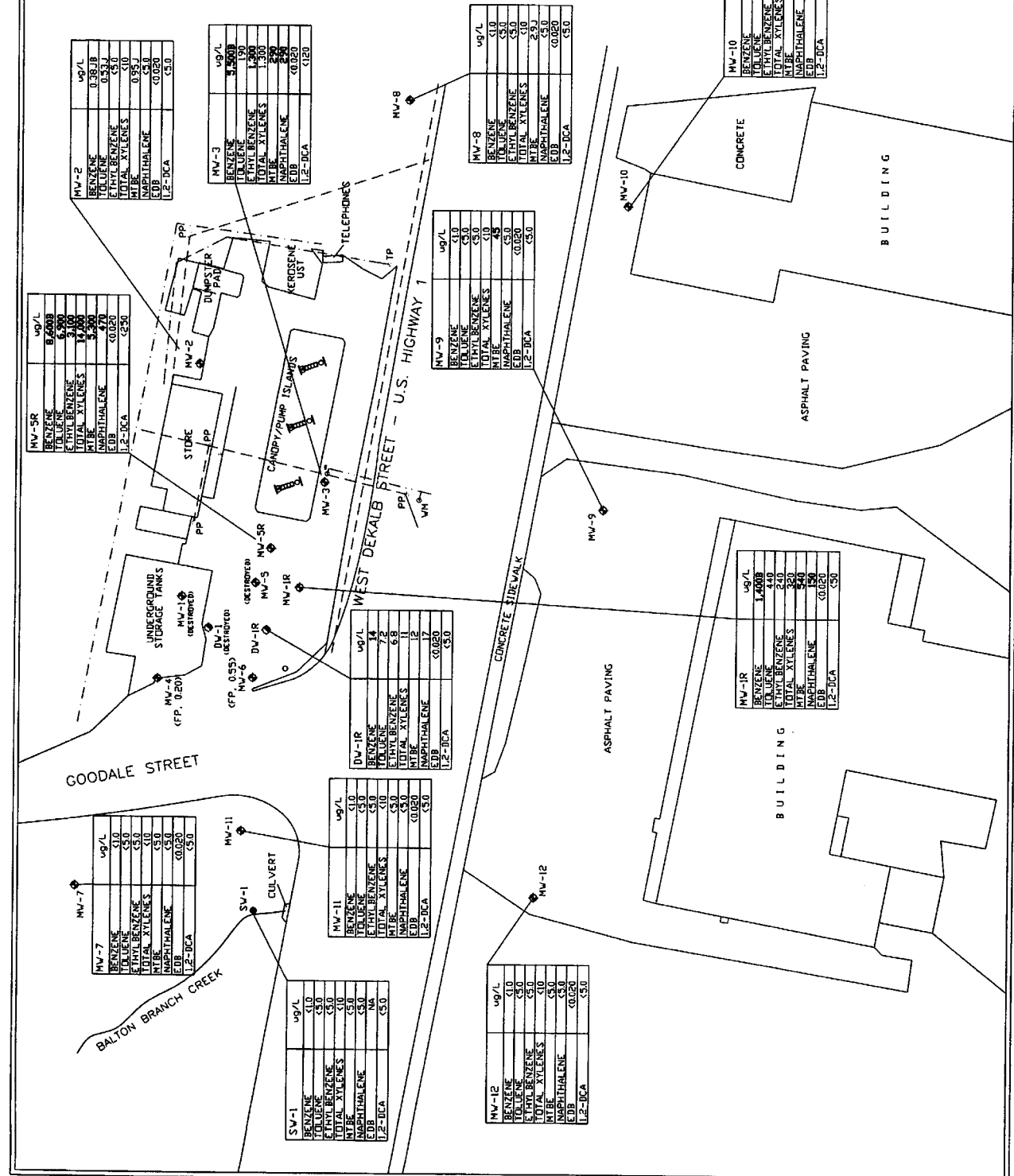
NA NOT ANALYZED
 (FP, 0.020) FREE PRODUCT, THICKENS IN FEET
 THE CORRESPONDING RBSL
 ALL UNITS EXPRESSED IN MICROGRAMS PER LITER (ug/L)

SCALE: NOT TO SCALE

FIGURE 4
GROUNDWATER CONCENTRATION MAP
 MAY 5 AND 6, 2008
 FORMER CONDO #4002 (R#88 R6194)
 UST PERMIT NO. 10753
 1024 WEST DEKALB STREET
 CAMDEN, SOUTH CAROLINA

PROJ. NO.	1061-9402	PREP. BY	AB
DATE	6/2/08	REV. BY	FILE NAME
			SITEM MAP

DELTA



CONCRETE BUILDING

ASPHALT PAVING

CONCRETE SIDEWALK

ASPHALT PAVING

CONCRETE SIDEWALK

ASPHALT PAVING

ASPHALT PAVING

ASPHALT PAVING

ASPHALT PAVING

GOODALE STREET

WEST DEKALB STREET - U.S. HIGHWAY 1

UNDERGROUND STORAGE TANKS

STORE

CANDY PUMP ISLAMYS

TELEPHONES

CONCRETE BUILDING

ASPHALT PAVING

CONCRETE BUILDING

ASPHALT PAVING

CONCRETE BUILDING

ASPHALT PAVING

BALTON BRANCH CREEK

CULVERT

UNDERGROUND STORAGE TANKS

STORE

CANDY PUMP ISLAMYS

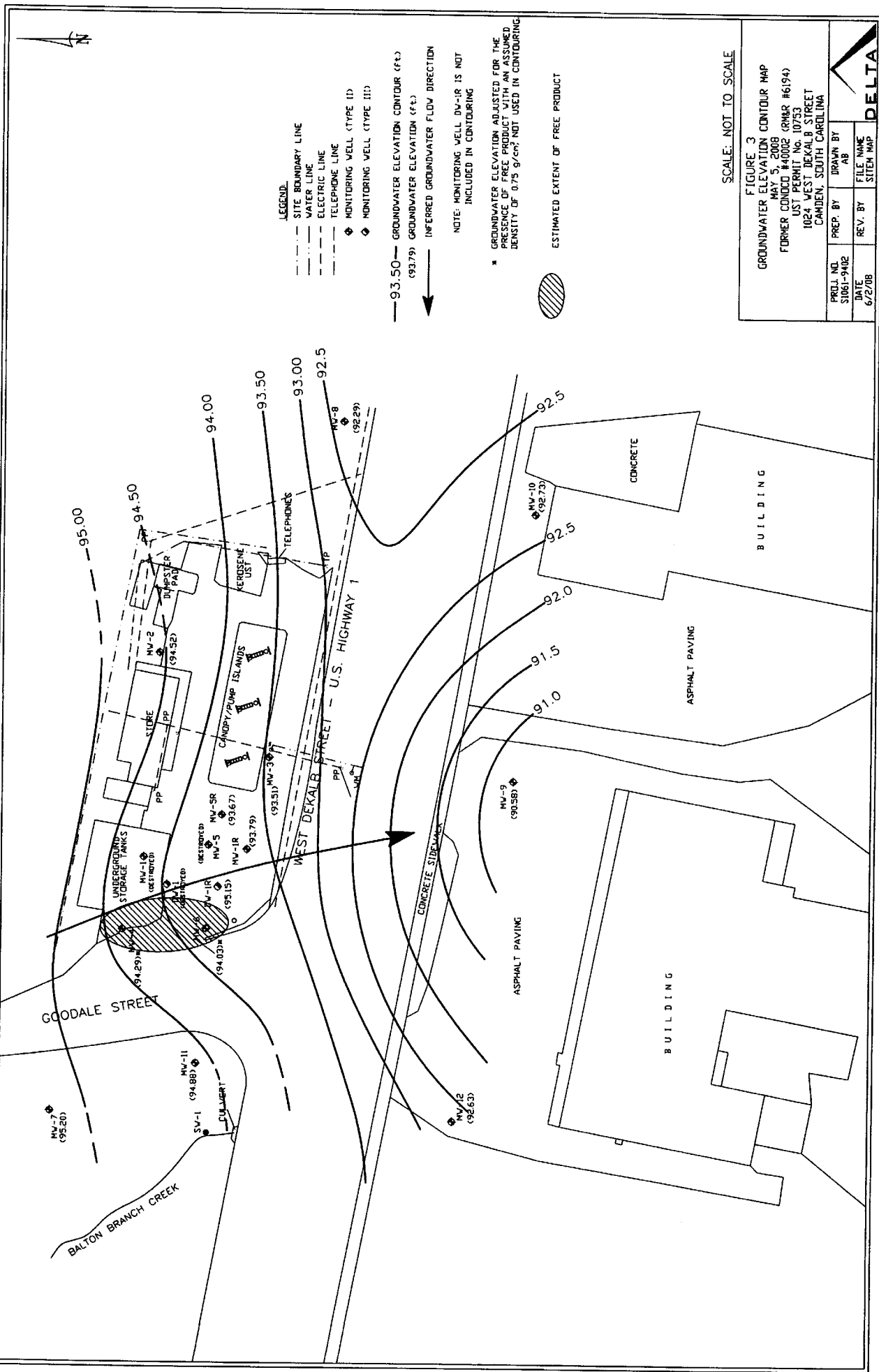
TELEPHONES

CONCRETE BUILDING

ASPHALT PAVING

CONCRETE BUILDING

ASPHALT PAVING



GOODALE STREET

BALTON BRANCH CREEK

WEST DEKALB STREET - U.S. HIGHWAY 1

ASPHALT PAVING

BUILDING

ASPHALT PAVING

BUILDING

CONCRETE

UNDERGROUND STORAGE TANKS

CANOPY/PUMP ISLANDS

SEWERS USE

TELEPHONES

MV-7
(95.20)

MV-11
(94.88)

SW-1
(94.88)

MV-10
(92.73)

MV-9
(90.58)

MV-8
(92.29)

MV-10
(92.73)

MV-10
(92.73)

MV-10
(92.73)

MV-10
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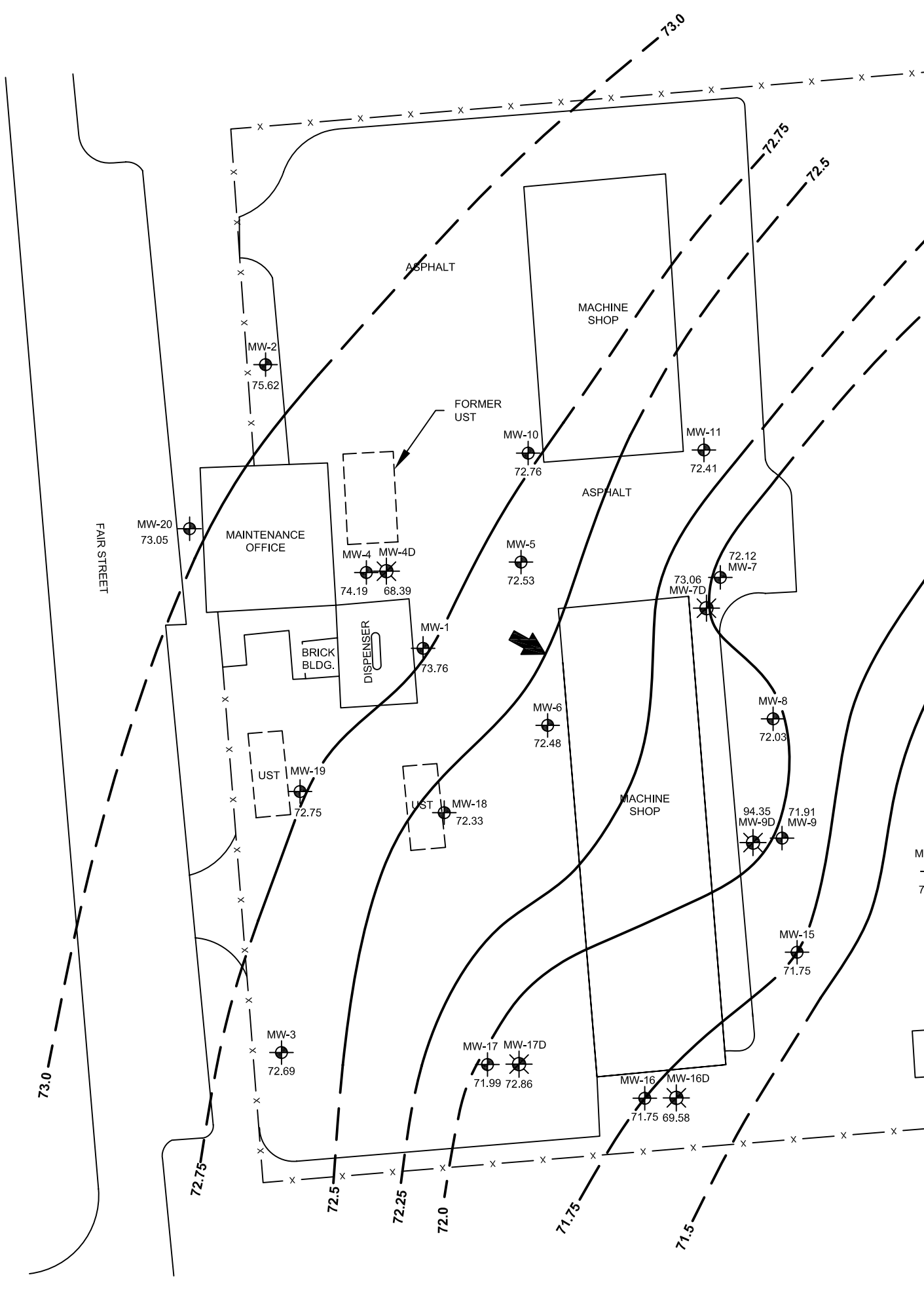
MV-10
(92.73)

MV-10
(92.73)

MV-10
(92.73)

MV-10
(92.73)

MV-10
(92.73)



**TABLE 3
GROUND WATER ANALYTICAL DATA
Petroleum Related Compounds**

SCDOT Camden Maintenance Facility
512 Fair Street, Camden South Carolina
UST Permit #05320; CA #33752

WELL NUMBER	SAMPLE DATE	BENZENE (ug/l)	TOLUENE (ug/l)	ETHYL-BENZENE (ug/l)	XYLENES (ug/l)	MTBE (ug/l)	NAPHTH-ALENE (ug/l)	EDB (ug/L)	1,2 DCA (ug/l)
MW-1	6/29/07	2,170	4,740	1,310	5,920	472	< 400	<0.010	0.025
	2/18/09	643	3,470	1,290	7,470	94.9	307	NA	< 1.80
MW-2	6/29/07	< 1.00	< 1.00	< 1.00	24.18	< 1.00	< 5.00	< 0.010	< 0.015
	2/18/09	< 0.065	< 0.076	< 0.065	< 0.183	< 0.077	< 0.118	NA	< 0.090
MW-3	6/29/07	1.75	< 1.00	< 1.00	23.27	< 1.00	< 5.00	< 0.010	< 0.015
	2/18/09	< 0.065	< 0.076	< 0.065	< 0.183	1.67	< 0.118	NA	< 0.090
MW-4	6/29/07	417	540	149	25	707	165	< 0.010	0.022
	2/18/09	2.68	11.4	14.9	146.0	1.13	27.4	NA	< 0.090
MW-4D	2/19/09	< 0.065	6	6	14	< 0.077	6	NA	< 0.090
MW-5	2/17/09	418	1,400	235	1,140	36	80	NA	< 0.898
MW-6	2/17/09	1,420	2,950	1,010	3,770	111	254	NA	< 1.8
MW-7	2/18/09	193	459	225	1220	9	92	NA	< 0.449
MW-7D	2/19/09	< 0.065	< 0.076	< 0.065	< 0.183	< 0.077	< 0.118	NA	< 0.090
MW-8	2/18/09	574	702	140	840	67	95	NA	< 0.898
MW-9	2/18/09	400	135	549	2,680	82	143	NA	< 0.898
MW-9D	2/19/09	< 0.065	5	< 0.065	< 0.183	< 0.077	< 0.118	NA	< 1.8
MW-10	2/17/09	969	3,430	520	2,610	11.1J	158	NA	< 0.090
MW-11	2/18/09	30	< 0.076	< 0.065	< 0.183	< 0.077	< 0.118	NA	< 0.090
MW-12	2/18/09	38	< 0.076	< 0.065	< 0.183	< 0.077	< 0.118	NA	< 0.090
MW-13	2/18/09	355	735	118	1,160	26	78	NA	< 0.449
MW-14	2/18/09	518	163	540	2,960	99	162	NA	< 0.898
MW-15	2/18/09	< 0.065	< 0.076	< 0.065	< 0.183	1.51	< 0.118	NA	< 0.090
MW-16	2/18/09	4.13J	49	308	2,190	5.46J	174	NA	< 0.898
MW-16D	2/19/09	< 0.065	5	< 0.065	< 0.183	< 0.077	< 0.118	NA	< 0.090
MW-17	2/17/09	< 0.065	< 0.076	< 0.065	< 0.183	1.67	< 0.118	NA	< 0.090
MW-17D	2/19/09	< 0.065	5	< 0.065	< 0.183	< 0.077	< 0.118	NA	< 0.090
MW-18	2/17/09	3.54	< 0.076	< 0.065	< 0.183	5.21	< 0.118	NA	< 0.090

TABLE 3
GROUND WATER ANALYTICAL DATA
Petroleum Related Compounds

SCDOT Camden Maintenance Facility
512 Fair Street, Camden South Carolina
UST Permit #05320; CA #33752

WELL NUMBER	SAMPLE DATE	BENZENE (ug/l)	TOLUENE (ug/l)	ETHYL-BENZENE (ug/l)	XYLENES (ug/l)	MTBE (ug/l)	NAPHTH-ALENE (ug/l)	EDB (ug/L)	1,2 DCA (ug/l)
MW-19	2/18/09	< 0.065	< 0.076	8	48	1.23	6	NA	< 0.090
MW-20	2/18/09	< 0.065	< 0.076	< 0.065	< 0.183	1.44	< 0.118	NA	< 0.090
RBSL	-	5.0	1,000	700	10000	40	25	0.05	15

Notes:

- 1) Results shown in boldface type indicate concentrations which exceed the RBSL for that compound
- 2) < 5 - below laboratory method detection limit
- 3) ug/l - micrograms per liter or parts per billion
- 4) RBSL - Risk-Based Screening Level as defined by the SCDHEC RBCA Document
- 5) Abbreviations:
MTBE = methyl-tert-butyl-ether
EDB = 1,2-dibromoethane

TABLE 4
GROUND WATER ANALYTICAL DATA
Gasoline Additives (Oxygenates)

SCDOT CAMDEN Maintenance Facility
512 Fair Street, Camden South Carolina
UST PERMIT NO. 05320; CA#33752

WELL NUMBER	SAMPLE DATE	Ethanol (ug/L)	ETBE (ug/L)	DIPE (ug/L)	ETBA (ug/L)	TBA (ug/L)	TAME (ug/L)	TAA (ug/L)	TBF (ug/L)
MW-1	2/18/09	< 806	28.7J	213	< 87.2	< 82.4	< 6.96	< 312	< 7.14
MW-2	2/18/09	< 40.3	< 0.259	< 0.529	< 4.36	< 4.12	< 0.348	< 15.6	< 0.357
MW-3	2/18/09	< 40.3	< 0.259	< 0.529	< 4.36	< 4.12	< 0.348	< 15.6	< 0.357
MW-4	2/18/09	< 40.3	< 0.259	5.75	< 4.36	< 4.12	< 0.348	< 15.6	< 0.357
MW-4D	2/19/09	< 40.3	< 0.259	< 0.529	< 4.36	< 4.12	< 0.348	< 15.6	< 0.357
MW-5	2/17/09	< 403	< 2.59	219	< 43.6	< 41.2	< 3.48	664	< 3.57
MW-6	2/17/09	< 806	< 5.18	534	< 87.2	< 82.4	< 6.96	1,000	< 7.14
MW-7	2/18/09	< 202	< 1.30	121	< 21.8	< 20.6	< 1.74	363	< 1.79
MW-7D	2/19/09	< 40.3	< 0.259	< 0.529	< 4.36	< 4.12	< 0.348	< 15.6	< 0.357
MW-8	2/18/09	< 403	< 2.59	258	< 43.6	< 41.2	< 3.48	< 156	< 3.57
MW-9	2/18/09	< 403	< 2.59	139	< 43.6	< 41.2	< 3.48	< 156	< 3.57
MW-9D	2/19/09	< 40.3	< 0.259	< 0.529	< 4.36	< 4.12	< 0.348	< 15.6	< 0.357
MW-10	2/17/09	< 806	< 5.18	622	< 87.2	< 82.4	< 6.96	< 312	< 7.14
MW-11	2/18/09	< 40.3	< 0.259	4.09J	< 4.36	< 4.12	< 0.348	< 15.6	< 0.357
MW-12	2/18/09	< 40.3	< 0.259	8.44	< 4.36	< 4.12	< 0.348	< 15.6	< 0.357
MW-13	2/18/09	< 202	< 1.30	172	< 21.8	< 20.6	< 1.74	< 78.0	< 1.79
MW-14	2/18/09	< 403	< 2.59	197	< 43.6	< 41.2	< 3.48	< 156	< 3.57
MW-15	2/18/09	< 40.3	< 0.259	1.59J	< 4.36	< 4.12	< 0.348	< 15.6	< 0.357
MW-16	2/18/09	< 403	< 2.59	< 5.29	< 43.6	< 41.2	< 3.48	< 156	< 3.57
MW-16D	2/19/09	< 40.3	< 0.259	< 0.529	< 4.36	< 4.12	< 0.348	< 15.6	< 0.357
MW-17	2/17/09	< 40.3	< 0.259	< 0.529	< 4.36	< 4.12	< 0.348	< 15.6	< 0.357
MW-17D	2/19/09	< 40.3	< 0.259	< 0.529	< 4.36	< 4.12	< 0.348	< 15.6	< 0.357
MW-18	2/17/09	< 40.3	< 0.259	17.1	< 4.36	< 4.12	< 0.348	< 15.6	< 0.357
MW-19	2/18/09	< 40.3	< 0.259	< 0.529	< 4.36	< 4.12	< 0.348	< 15.6	< 0.357
MW-20	2/18/09	< 40.3	< 0.259	< 0.529	< 4.36	< 4.12	< 0.348	< 15.6	< 0.357
Proposed RBSLs	---	10,000	47	150	NE	1,400	128	240	NE

Notes:

- 1) Results shown in boldface type indicate concentrations which exceed the proposed RBSLs for oxygenates in ground water.
- 2) ug/l - micrograms per liter or parts per billion
- 3) Proposed RBSL- Proposed Risk-Based Screening Level for oxygenates as defined by the SCDHEC RBCA Document. These values have not been formally published in the SCDHEC RBCA document.
- 4) NE - Not Established
- 5) J - indicates an estimated value
- 6) 8 Oxygenates abbreviated as:

ETBE = ethyl tert-butyl ether
DIPE = diisopropyl ether
ETBA = ethyl tert-butanol
TBA = t-butanol

TAME = t-amyl methyl ether
TAA = tert-amyl alcohol
TBF = tert-butyl formate

APPENDIX VIII

QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

John Eden, PE, LEED AP Environmental Engineer

Mr. Eden is a project engineer with Hussey, Gay, Bell & DeYoung Environmental, Inc. and a graduate of the Mercer University School of Engineering. Mr. Eden has varied experience in environmental compliance, sampling, design, and permitting. Some of his current responsibilities include managing and preparing NEPA environmental documentation, conducting environmental & geotechnical investigations, subcontractor coordination, quality assurance, and technical communications.

Mr. Eden has successfully prepared National Environmental Protection Act (NEPA) Environmental Assessment and Categorical Exclusion documents for highway development projects in Georgia and South Carolina. Mr. Eden also has experience in preparing environmental documents in accordance with the Georgia Environmental Protection Act (GEPA). Responsibilities include developing project scope and cost, coordinating specialty report sub-contractors, analyzing direct, indirect, and cumulative impacts on the physical and natural environment, and conducting agency and public involvement.

Mr. Eden has experience with performing Phase I and Phase II Environmental Site Assessments in residential, commercial, and industrial settings. Phase I skills include site inspection, regulatory search, historical review and report preparation. He has also carried out sampling plans for various Phase II projects with knowledge of both soil and water matrix sampling methods according to Environmental Protection Agency Standard Operation Procedures. In addition, he has extensive experience with the Georgia Underground Storage Tank (UST) program and has prepared UST closure reports, Site Investigation Plans, Corrective Action Plans (Part A and Part B), and Monitoring Only reports.

Mr. Eden is a LEED Accredited Professional and is familiar with the LEED rating system as well as general sustainable design & development principles. Mr. Eden has served as the LEED project coordinator on multiple projects for the US Army COE. Responsibilities include preparation of LEED credit strategies, managing LEED On-Line, and conducting LEED project meetings.

Mr. Eden is familiar with the site suitability and permitting process for Subtitle D landfills and specializes in working with regulators and responding to comments to streamline the permitting process. Mr. Eden has served as the Quality Assurance (QA) representative on landfill construction projects, landfill closures, and at various geotechnical subsurface investigations. QA responsibilities have included documentation of daily progress, inspection of the work, technical advising, regulatory interpretation and report preparation.

Mr. Eden has prepared National Pollution Discharge Elimination System (NPDES) permits for construction and is a Georgia Soil and Water Conservation Commission Level II Certified Design Professional. Mr. Eden has prepared Spill Prevention Control and Countermeasure (SPCC) plans for facilities with scattered oil storage and no previous spill prevention measures in place and has been trained in site safety and emergency response.

Mr. Eden also conducts Ground Penetrating Radar (GPR) investigations to identify subsurface targets such as utilities, UST's, voids, and other obstructions. Mr. Eden has utilized the GPR on large utility replacement projects and prior to pile driving or drilling to identify and avoid costly unknown obstructions. Mr. Eden is skilled in identifying features to be marked in the field and in processing the data for 3D modeling in the office.

Education:

**Bachelor of Science in
Environmental Engineering /
Mercer University / 2000
OSHA 40 Hour Hazardous Waste
Operations & Emergency
Response Training**

Registrations:

**Registered Professional Engineer
State of Georgia / No. 031234
LEED Accredited Professional
Level II Certified Design
Professional / No. 000056933**

Affiliations:

**Tau Beta Pi, National Engineering
Honor Society
Phi Kappa Phi, National
Academic Honor Society
USGBC – Savannah Chapter**

The following is a list of Mr. Eden's relevant projects:

Transportation:

- SC 7 Bridge Replacement
Environmental Assessment
Charleston County, South Carolina
- Widening & Reconstruction of Gwinnett Street
Chatham County, Georgia
- Greene Street Corridor
Columbia, South Carolina
- Camden Truck Routes (3 Segments)
Kershaw County, South Carolina
- Tybrisa Streetscape Enhancements –
Categorical Exclusion
Transportation Enhancement Project
Tybee Island, Georgia
- Tybee Sidewalks – Categorical Exclusion
Transportation Enhancement Project
Tybee Island, Georgia
- Pooler Sidewalks – Categorical Exclusion
Transportation Enhancement Project
Pooler, Georgia

Solid Waste:

- Dean Forest Road Landfill
HSRA Waste Relocation
Savannah, Georgia
- Dean Forest Road Landfill
Southwest Quadrant Expansion
Site Suitability/Permitting/Construction QA/QC
Savannah, Georgia
- Dean Forest Road Landfill
Western Cells Expansion
Site Suitability/Permitting/Design
Savannah, Georgia
- Delta Metals
Waste Delineation
Savannah, Georgia
- Unpermitted Landfill
Closure
Statesboro, Georgia

Environmental Site Assessments:

- Competitive Power Ventures
Phase II ESA
Savannah, Georgia
- Dillon Sugar Hill WWTP Expansion
Phase I ESA
Dillon, South Carolina
- Charleston Wastewater Tunnel Replacement
Project
Phase II Environmental Site Assessments for
Commissioners of Public Works
City of Charleston, South Carolina
- Town of Lane Sanitary Sewer Lift Station
Sites #1-#4
Phase I ESA, Limited Phase II ESA
Lane, South Carolina
- Genesis Point
Phase I ESA for 2,230-acre subdivision
Bryan County, Georgia

UST:

- Fort McAllister Marina
CAP-A/CAP-B
Richmond Hill, Georgia
- Nash Finch / T.J. Morris
CAP-A/Monitoring Only
Statesboro, Georgia

SPCC:

- Georgia Southern University
Spill Prevention Control and Countermeasure
Statesboro, Georgia
- Armstrong State University
Spill Prevention Control and Countermeasure
Savannah, Georgia
- US Coast Guard – Station Tybee
Spill Prevention Control and Countermeasure ()
Tybee Island, Georgia

Elizabeth Penn-Sanders

Environmental Technician

Ms. Penn-Sanders joined HGBD in 2009. She has worked in several areas in our environmental department and with the civil department. She is currently working on environmental projects including NEPA documentation, phase I environmental site assessments, landfill permitting, geotechnical investigations, and hydraulic studies.

Ms. Penn-Sanders has worked on National Environmental Protection Act (NEPA) Environmental Assessment and Categorical Exclusion documents for highway development projects in Georgia and South Carolina. Responsibilities include coordinating with regulatory agencies, preparing public meeting materials, and document review and preparation.

Ms. Penn-Sanders has experience with performing Phase I and Phase II Environmental Site Assessments in residential, commercial, and industrial settings. Phase I skills include site inspection, regulatory search, historical review and report preparation. In addition, she has also carried out sampling plans for various Phase II projects with knowledge of both soil and water matrix sampling methods according to Environmental Protection Agency Standard Operation Procedures.

Ms. Penn-Sanders has worked with the Georgia Underground Storage Tank (UST) program and has participated in the preparation of UST closure reports, Site Investigation Plans, and Corrective Action Plans (Part A & Part B).

Ms. Penn-Sanders has prepared bridge hydraulic study reports which involve creating a model for natural, existing and proposed bridges using HEC-RAS.

Ms. Penn-Sanders is familiar with the site suitability and permitting process for Subtitle D landfills and has participated in the preparation of a Site Acceptability Study.

Ms. Penn-Sanders relevant experience includes the following:

NEPA Projects:

- SCDOT, SC-7 Bridge Replacement
NEPA Environmental Assessment
North Charleston, South Carolina
- Widening & Reconstruction of Gwinnett Street
NEPA Categorical Exclusion
Chatham County, Georgia

Environmental:

- Dean Forest Road Landfill
Western Cells Site Acceptability Study
Savannah, Georgia
- Liberty County Career Academy
Phase I ESA
Hinesville, Georgia

Education:

Bachelor of Science in Civil and Environmental Engineering / 2011 (expected)

Affiliations:

ASCE The Citadel Student Chapter, Society of Women Engineers, Charleston Engineers Joint Council (CEJC) Scholarship Award Recipient, ASCE The South Carolina Section Service Award Recipient 2008-2009

- SCDOT, SC-7 Bridge Replacement
Phase I ESA
North Charleston, South Carolina
- Savannah Quarters, Tract 11 and 13
Phase I ESA
Pooler, Georgia
- Hunter Army Airfield, Lotts Island
Phase I ESA
Savannah, GA

Geotechnical:

- Dillon Sugar Hill WWTP Sprayfield
Site Investigation
Dillon, South Carolina
- World War II Memorial
Geotechnical Investigation
Savannah, Georgia
- Dining Facility 4
Geotechnical Investigation
Ft. Benning, Columbus, Georgia
- SCDOT, SC-7 Bridge Replacement
Preliminary Geotechnical Investigation
North Charleston, South Carolina

Hydrology:

- MODOT, Bridge Replacements
Bridge Hydrology Studies
Missouri
- SC-24 Paper Mill Road
Bridge Hydrology Study
South Carolina

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