

PHASE I ENVIRONMENTAL SITE ASSESSMENT
FOR THE
MARION COUNTY INDUSTRIAL PARK



MAY 2012

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Project No. 11185-0034
May 2012

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AUGUST 2009

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1.0 SUMMARY

This report is prepared for use by Marion County and the Marion County Economic Development Commission and presents the findings of a *Phase I Environmental Site Assessment (ESA)* for the approximately three hundred fifty-six (356)-acre Marion County Industrial Park. The *property* is located along US Highway 501, less than one-half (½)-mile north of its intersection with Senator Gasque Road (S-34-41) in Marion County, South Carolina. The *property* is divided into four (4) property parcels (Marion County Tax Map Numbers 044-00-00-036, 055-00-00-021, 055-00-00-194, and 055-00-00-216). Marion County presently owns parcels 055-00-00-021 and 055-00-00-216, while Abraham Issac & Jacob, LLC owns parcel 055-00-00-194. Marion County holds a land option agreement for parcel 044-00-00-036. Mr. Rodney Berry, Marion County Economic Development Commission Executive Director, and Mr. H. G. Clapper representing Watec International authorized and requested that Alliance Consulting Engineers, Inc. conduct a *Phase I ESA* in conjunction with the recertification of the Marion County Industrial Park through the South Carolina Department of Commerce Site Certification Program.



Mr. Garrett Wine, Engineering Associate for Alliance Consulting Engineers, Inc., conducted a *site reconnaissance* on May 10, 2012 to determine if the Marion County Industrial Park is subject to *Recognized Environmental Conditions (RECs)*. Items observed during the reconnaissance included the general hydraulic and hydrogeologic conditions of the *property* and surrounding areas, a vehicular tour of the vicinity to observe sites identified during the *records review*, and an observation of structures to assist in determining historical uses.

Four (4) sites were identified within the standard ASTM search radii, one (1) site which met the proximal criteria, and six (6) non-mapped sites were identified in the vicinity of the Marion County Industrial Park. Based on the proximity of the facilities, the general topography of the site and surrounding areas, soil characteristics in the vicinity of the *property*, and documentation confirming the management of previous releases, none of these

facilities are considered to be *RECs* in regards to the *property*. No items were observed during the *site reconnaissance* that were identified as *RECs*.

2.0 INTRODUCTION

2.1 Purpose

The purpose of this *Phase I ESA* is to determine if the Marion County Industrial Park is subject to *recognized environmental conditions*. The *Phase I ESA* has been performed in general conformance with the provisions set forth in the *American Society for Testing and Materials (ASTM) E 2247-08 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process for Forestland or Rural Property*, which was approved on June 1, 2008. ASTM defines the term, *recognized environmental conditions*, as the presence or likely presence of any *hazardous substances* or *petroleum products* on a *property* under conditions that indicate an existing release, a past release, or a *material threat* of release of any *hazardous substance* or *petroleum product* into structures on the *property* or into the ground, groundwater, or surface water of the *property*. *RECs* may include *hazardous substances* or *petroleum products* conditions which are in compliance with current regulatory requirements. The term is not intended to include *de minimis* conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* are not *recognized environmental conditions*.



2.2 Detailed Scope of Services

The scope of this assessment was restricted to the environmental conditions as outlined in the *ASTM E 2247-08 Standard Practice*. The findings, opinions, and conclusions presented in this report are based on information obtained during the *environmental site assessment*, as well as from Alliance Consulting Engineers, Inc.'s prior experience. If additional information that might impact these environmental conclusions becomes available, it is requested that Alliance Consulting Engineers, Inc. be granted the opportunity to review the information and reassess any potential

concerns. This assessment does not constitute an *environmental compliance audit*, and does not include an assessment of environmental conditions associated with cultural and historical risks, protected and endangered species, or controlled substances.

In order to accomplish the stated objectives, the following engineering services were performed:

- A. A *site visit* to the property to *visually and/or physically observe* the site conditions relative to environmental concerns;
- B. A pedestrian and vehicular reconnaissance of the *property* and surrounding areas to determine if *obvious* adjacent land use might suggest potential environmental concerns;
- C. A query of *reasonably ascertainable* environmental records available from the South Carolina Department of Health and Environmental Control (SCDHEC) and the United States Environmental Protection Agency (USEPA);
- D. A review of select available documents to aid in assessing the historical and current uses of the *property* and *adjoining properties*;
- E. A brief, qualitative hydraulic evaluation of the *property* and vicinity to characterize the area drainage patterns; and
- F. Interviews with the *Key Site Manager*, a person identified by the *owner* or *operator* of the *property* with good knowledge of the uses and physical characteristics of the *property*, and local government officials.

This *Phase I Environmental Site Assessment* and its findings are limited to the *property*. The *site reconnaissance* was limited to the *property*, and no assessment of *adjoining properties* was included within the scope of this *Phase I ESA*.

2.3 Significant Assumptions

- Data obtained from the public records is accurate and current;
- Groundwater flows follow the general topography of the land surface; and
- Information gathered from interviews was given in *good faith* and is based on *actual knowledge*.

2.4 Limitations and Exceptions

The practice of completing a *Phase I ESA* is intended to permit a *user* to satisfy one (1) of the requirements to qualify for the *Landowner Liability Protections (LLPs)* that constitutes *all appropriate inquiry* into the previous ownership and uses of the *property* consistent with good commercial or customary practice. As such, *ASTM E 2247-08* seeks to reduce, but not eliminate, uncertainty regarding *recognized environmental conditions* in connection with the property. Further, *appropriate inquiry* does not imply an exhaustive assessment of real property, but instead calls for the *environmental professional* to identify a balance between competing demands of limited cost and time and the reduction of uncertainty about unknown conditions.

The findings, opinions, and conclusions presented in this report are based on *reasonably ascertainable* information, and are representative of the conditions of the *property* at the time of the evaluation. It is important to note the ability to complete the services involved with the review of public records and maps as well as the ability to conduct interviews with appropriate individuals is highly dependent upon the time frame of the project schedule. In some instances, the further review of information and/or additional interviews of other individuals cannot be obtained within the required timeline for completion.

2.5 Special Terms and Conditions

This report is prepared for the use of Marion County and the Marion County Economic Development Commission and presents the findings of a *Phase I Environmental Site Assessment* for the *property*. Any use, reuse, or adaptation of this *environmental site assessment* by other parties will be at such parties' sole risk and without liability or legal exposure to Alliance Consulting Engineers, Inc. Furthermore, other parties shall, to the fullest extent permitted by law, indemnify and hold harmless Alliance Consulting Engineers, Inc. from all claims, damages, losses, and expenses, including attorney's fees resulting from the misuse of or alterations to the data contained within the *environmental site assessment*.

3.0 SITE DESCRIPTION

A Vicinity Map, Site Location Map, Aerial Map, Topographic Map, Soils Map, Federal Emergency Management Agency (FEMA) Flood Map, and a National Wetlands Inventory (NWI) Map depicting the property are presented in Exhibits A through G, respectively. The Site Location Map is derived from the South Carolina Department of Transportation's (SCDOT) Highway Map of Marion County dated 2005. The Aerial Map is derived from the South Carolina Department of Natural Resources (SCDNR) Digital Orthophoto Quarter-Quadrangles (DOQQ) Archive for Mullins Northwest and Southwest, South Carolina dated 2006. The Topographic Map is derived from the United States Geological Survey's (USGS) Quad Map for Mullins, South Carolina dated 1981. The Soils Map was derived from the United States Department of Agriculture Natural Resources Conservation Service's (USDA-NRCS) Marion County Soils Survey, Sheets 7 and 13, dated 1980. The FEMA Flood Map is derived from the FEMA Flood Map Catalog; Panel Numbers 153 and 154 dated October 18, 2011. The National Wetlands Inventory (NWI) Map was obtained from the United States Fish and Wildlife Service Online Mapper.

3.1 Location and Legal Description



The approximately three hundred fifty-six (356)-acre Marion County Industrial Park, the *property*, is located along US Highway 501, less than one-half ($\frac{1}{2}$)-mile north of the intersection of US Highway 501 and Senator Gasque Road (S-34-41) in Marion County, South Carolina. The *property* is comprised of Marion County Tax Map Numbers (TMS) 044-00-00-036, 055-00-00-021, 055-00-00-194, and 055-00-00-216. TMS 055-00-00-021, and 055-00-00-216 are presently owned by the County of Marion while TMS 055-00-00-194 is owned by Abraham Issac & Jacobs, LLC. Marion County holds a land option agreement for TMS 044-00-00-036.

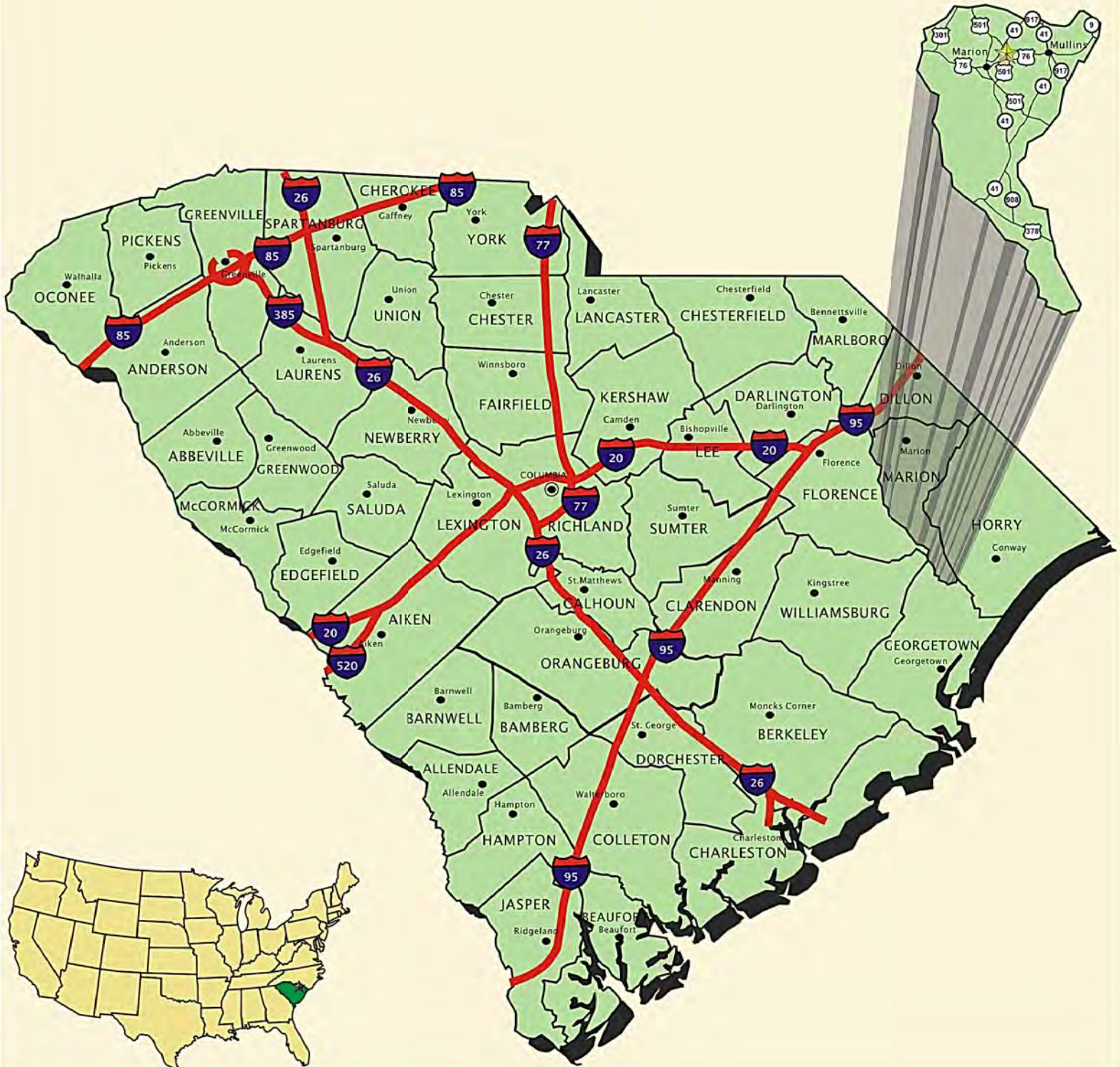
PHASE I ESA FOR THE MARION COUNTY INDUSTRIAL PARK MARION COUNTY, SOUTH CAROLINA VICINITY MAP



+/- 356 Acres



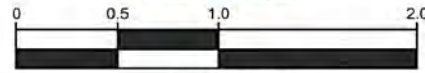
EXHIBIT A



PHASE I ESA FOR THE MARION COUNTY INDUSTRIAL PARK MARION COUNTY, SOUTH CAROLINA SITE LOCATION MAP



+/- 356 Acres

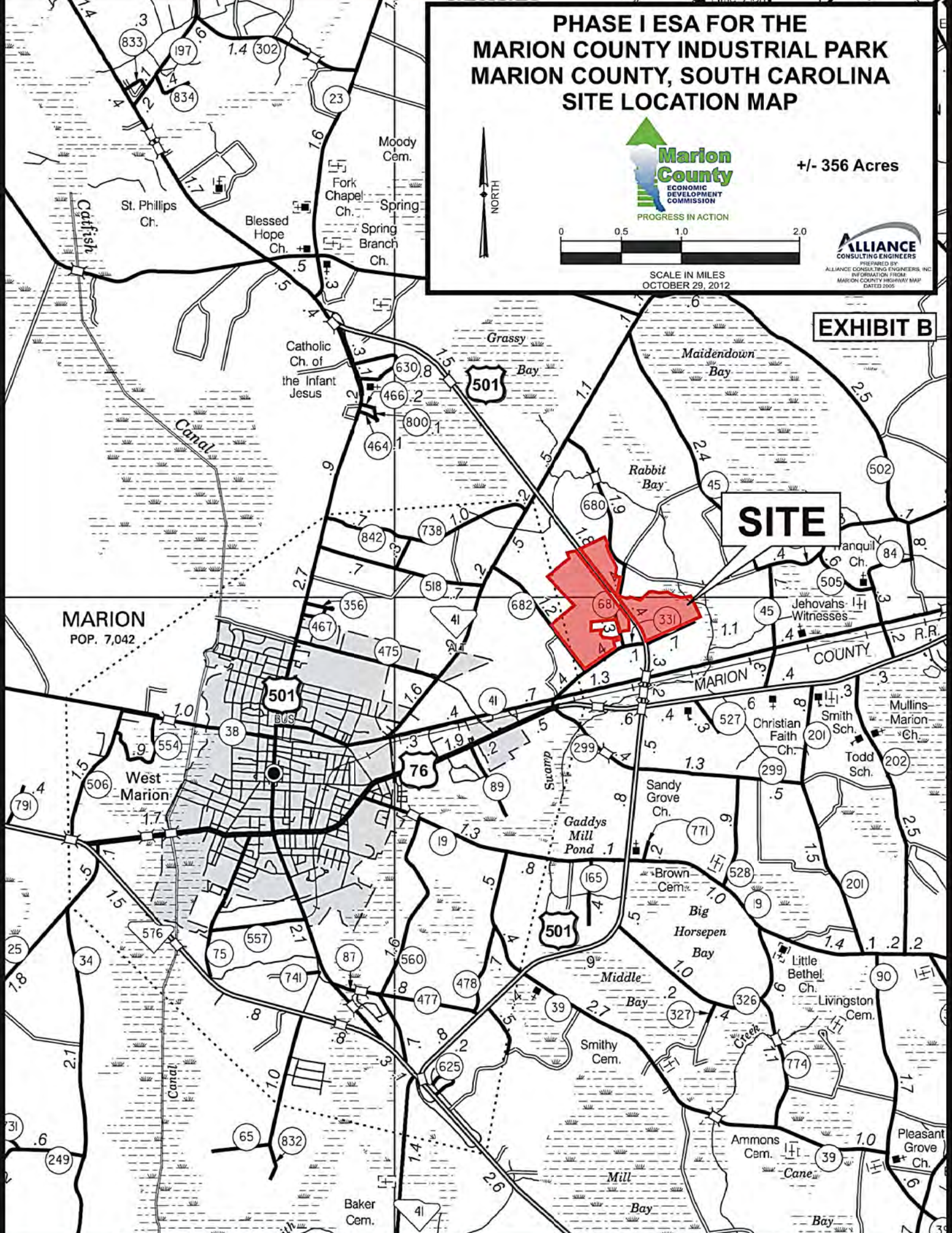


SCALE IN MILES
OCTOBER 29, 2012



EXHIBIT B

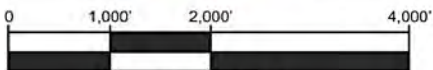
SITE



PHASE I ESA FOR THE MARION COUNTY INDUSTRIAL PARK MARION COUNTY, SOUTH CAROLINA AERIAL MAP



+/- 356 Acres



GRAPHIC SCALE
NOVEMBER 1, 2012

ALLIANCE
CONSULTING ENGINEERS
PREPARED BY:
ALLIANCE CONSULTING ENGINEERS, INC.
INFORMATION FROM:
SC9096, D0000 ARCHIVE
MULLINS NW & SW, SC
DATED 2006

EXHIBIT C

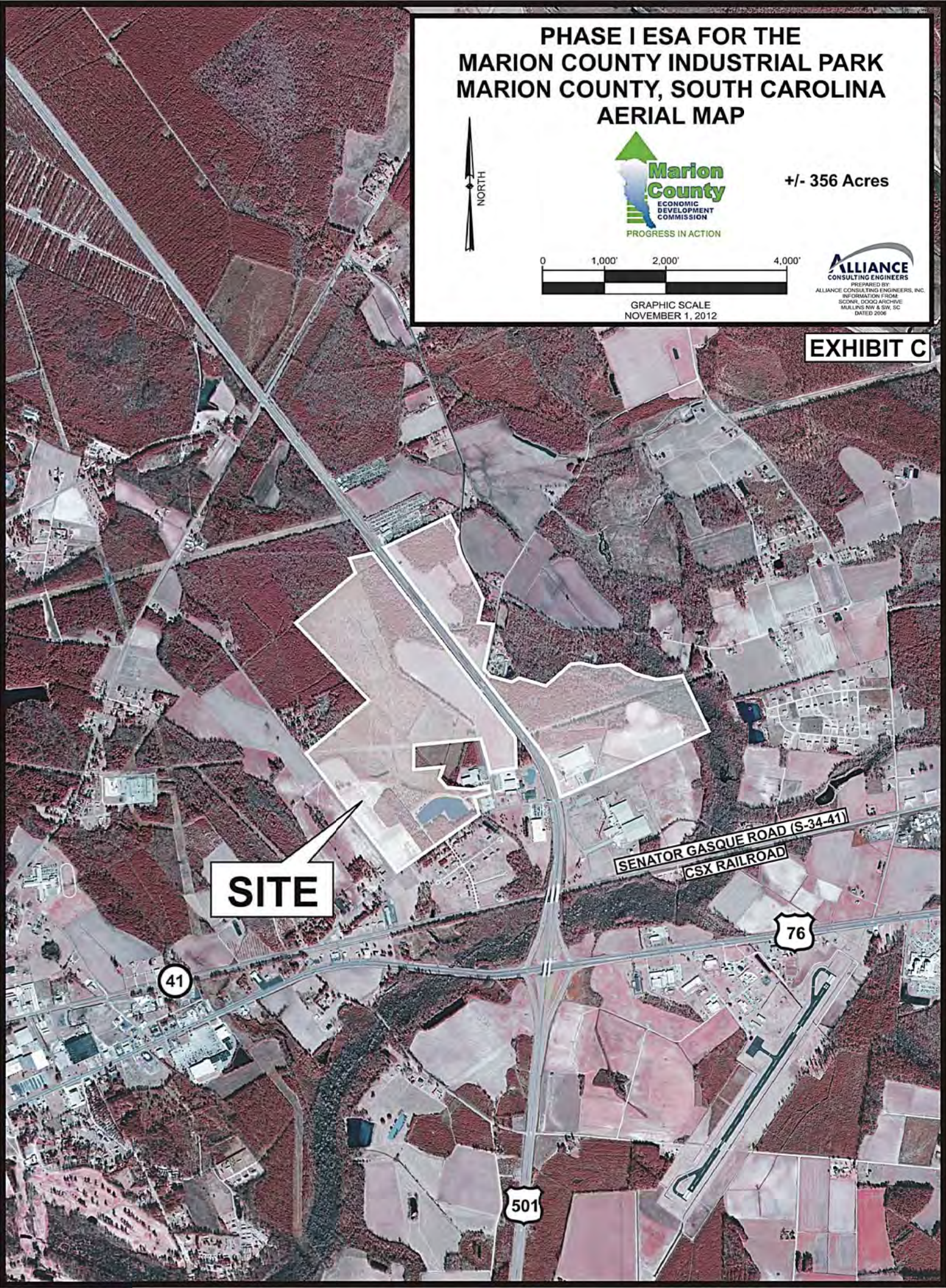
SITE

SENATOR GASQUE ROAD (S-34-41)
CSX RAILROAD

41

76

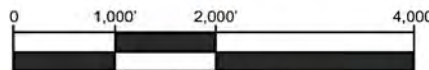
501



PHASE I ESA FOR THE MARION COUNTY INDUSTRIAL PARK MARION COUNTY, SOUTH CAROLINA TOPOGRAPHIC MAP



+/- 356 Acres

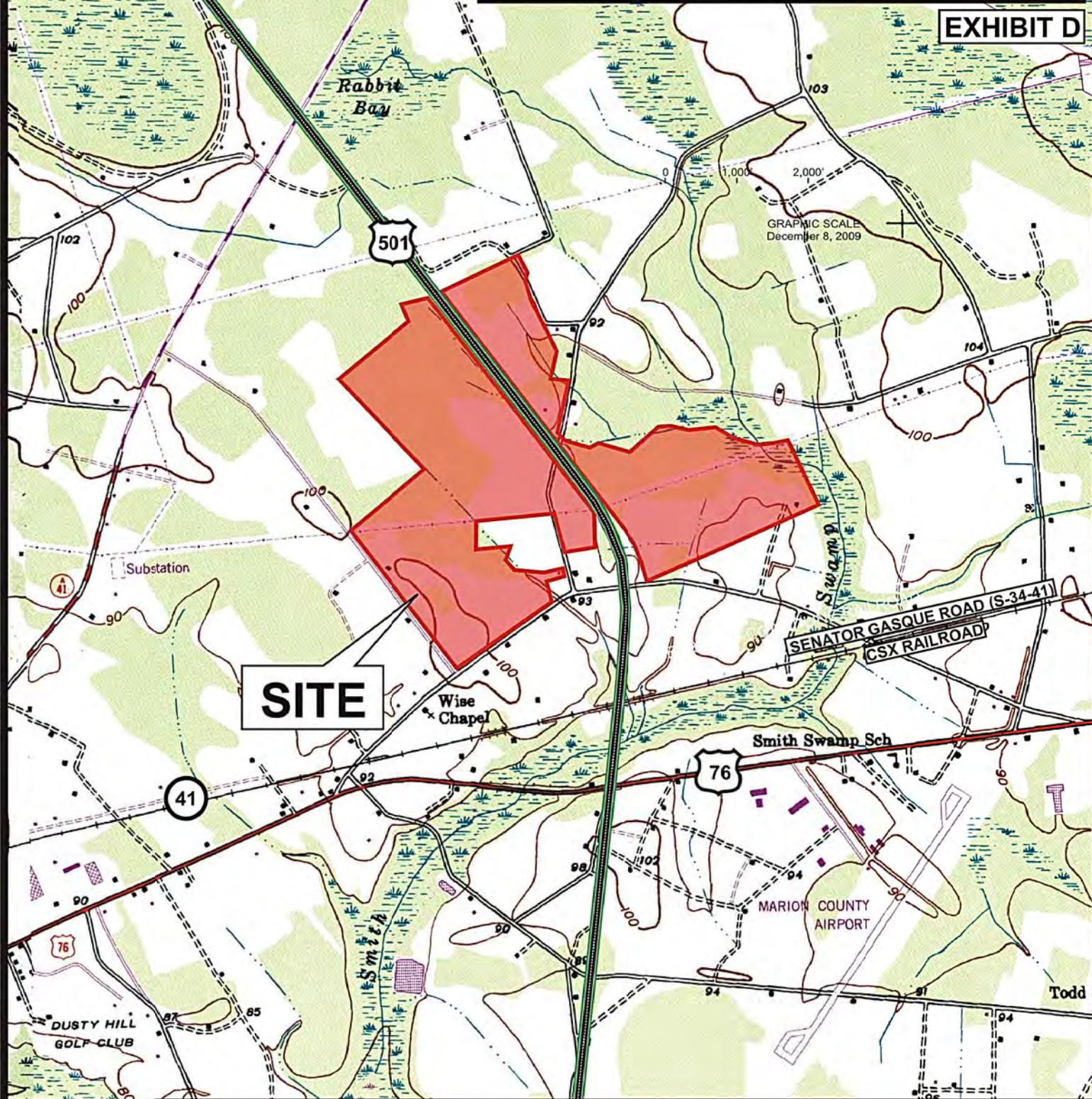


GRAPHIC SCALE
CONTOUR INTERVAL 10 FEET
NOVEMBER 1, 2012



PREPARED BY
ALLIANCE CONSULTING ENGINEERS, INC.
INFORMATION FROM
SC89R, USGS QUAD MAP
MULLINS, SC 1881

EXHIBIT D

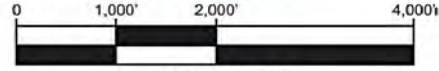


PHASE I ESA FOR THE MARION COUNTY INDUSTRIAL PARK MARION COUNTY, SOUTH CAROLINA SOILS MAP

+/- 356 Acres



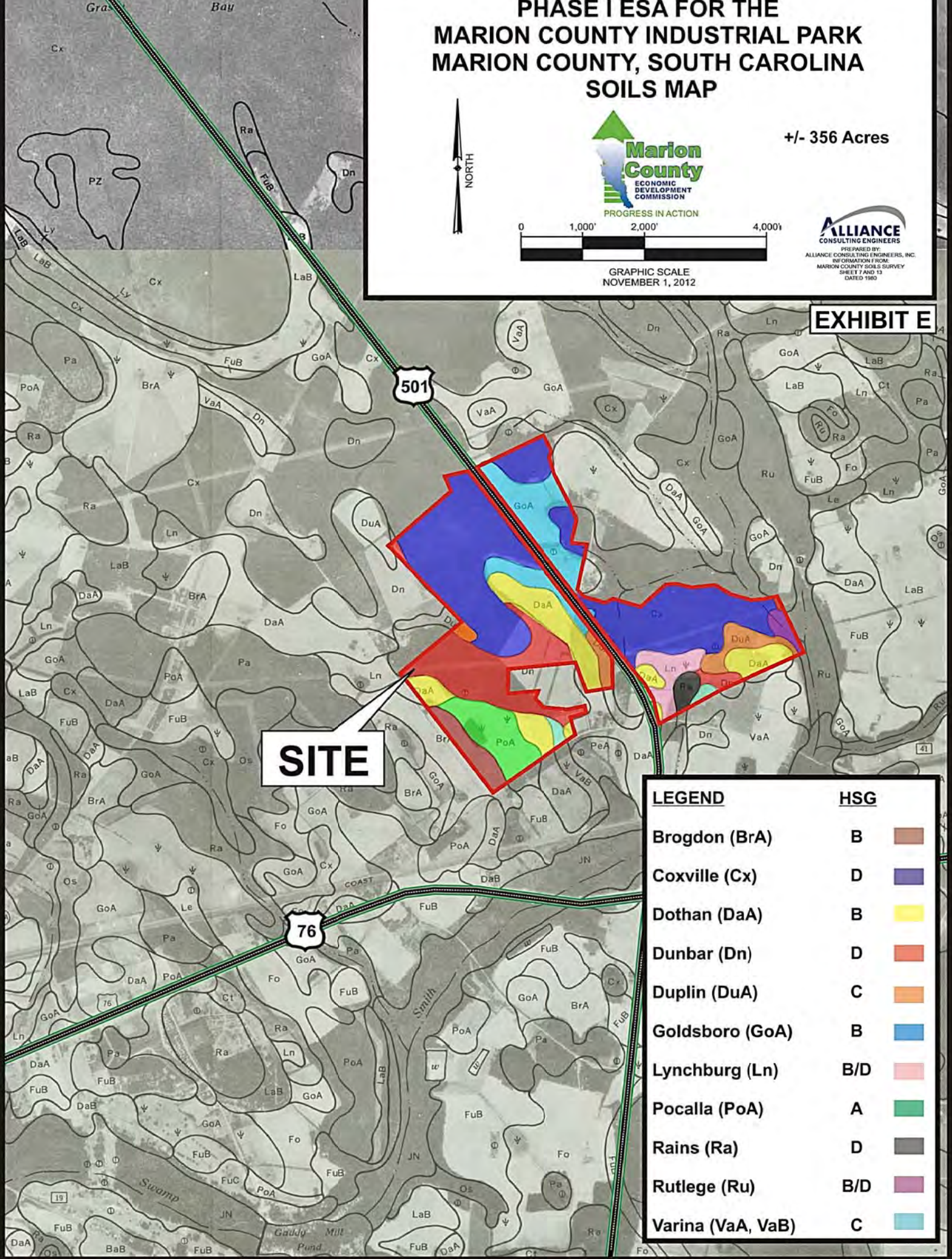
PROGRESS IN ACTION



GRAPHIC SCALE
NOVEMBER 1, 2012

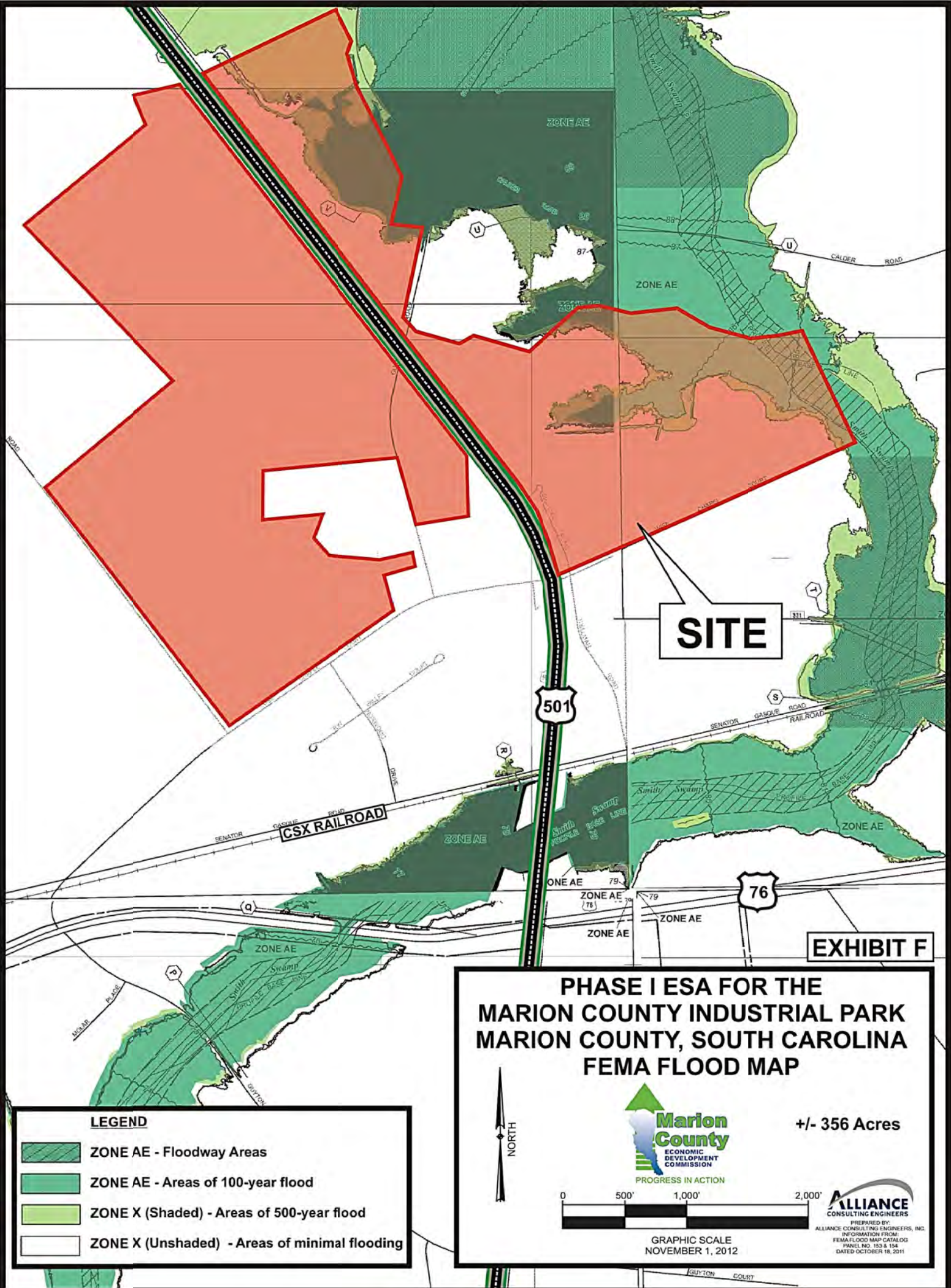
ALLIANCE
CONSULTING ENGINEERS
PREPARED BY:
ALLIANCE CONSULTING ENGINEERS, INC.
INFORMATION FROM:
MARION COUNTY SOILS SURVEY
SHEET 7 AND 13
DATED 1960

EXHIBIT E



SITE

LEGEND	HSG	
Brogdon (BrA)	B	
Coxville (Cx)	D	
Dothan (DaA)	B	
Dunbar (Dn)	D	
Duplin (DuA)	C	
Goldsboro (GoA)	B	
Lynchburg (Ln)	B/D	
Pocalla (PoA)	A	
Rains (Ra)	D	
Rutlege (Ru)	B/D	
Varina (VaA, VaB)	C	

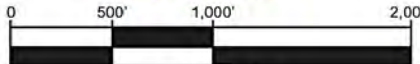


SITE

EXHIBIT F

**PHASE I ESA FOR THE
MARION COUNTY INDUSTRIAL PARK
MARION COUNTY, SOUTH CAROLINA
FEMA FLOOD MAP**





+/- 356 Acres



GRAPHIC SCALE
NOVEMBER 1, 2012

PREPARED BY:
ALLIANCE CONSULTING ENGINEERS, INC.
INFORMATION FROM:
FEMA FLOOD MAP CATALOG
PANEL NO. 153 & 154
DATED OCTOBER 18, 2011

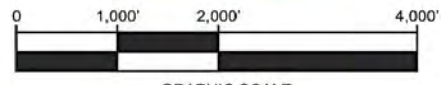
LEGEND

-  ZONE AE - Floodway Areas
-  ZONE AE - Areas of 100-year flood
-  ZONE X (Shaded) - Areas of 500-year flood
-  ZONE X (Unshaded) - Areas of minimal flooding

PHASE I ESA FOR THE MARION COUNTY INDUSTRIAL PARK MARION COUNTY, SOUTH CAROLINA NATIONAL WETLANDS INVENTORY (NWI) MAP



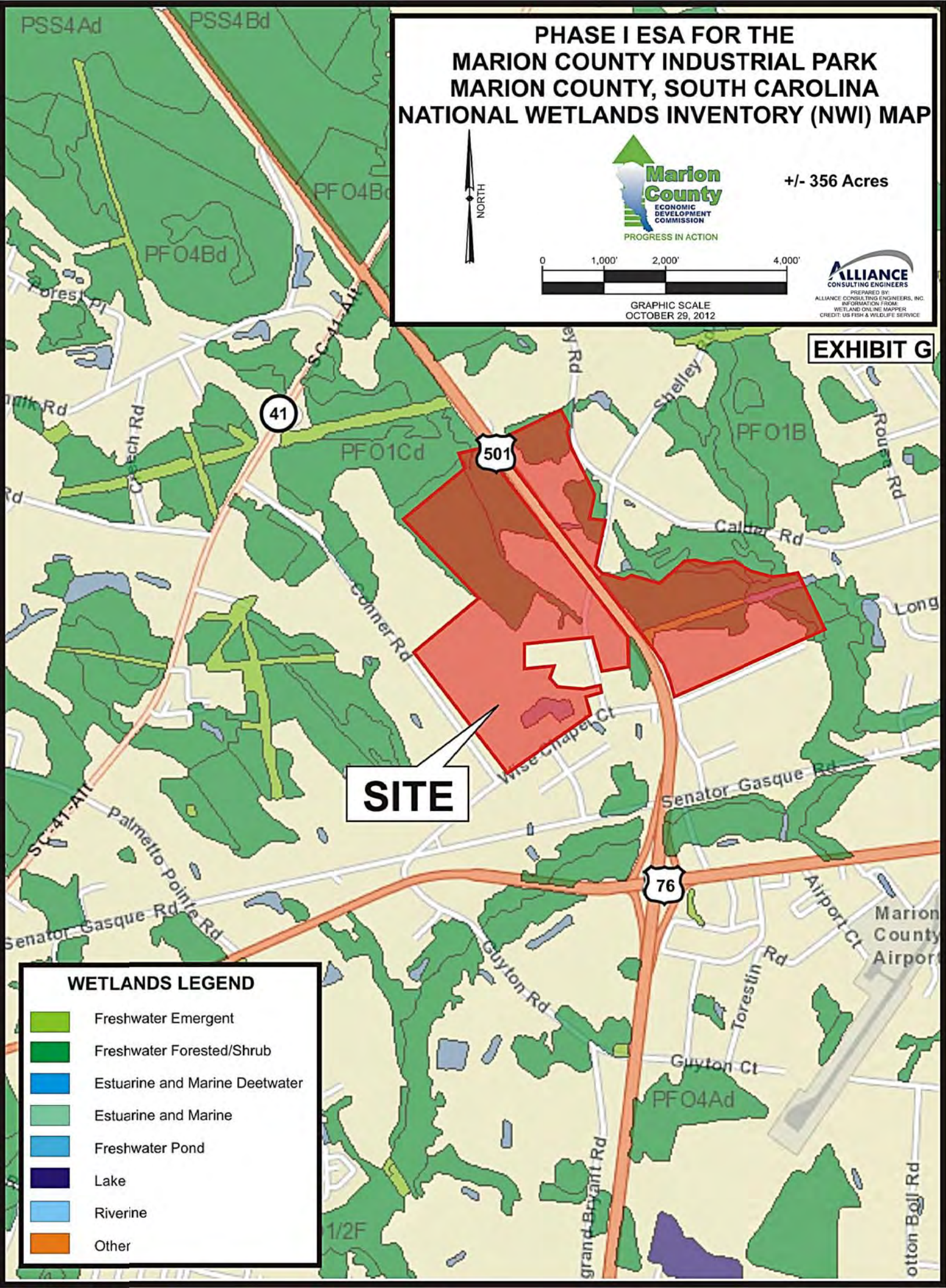
+/- 356 Acres



GRAPHIC SCALE
OCTOBER 29, 2012



EXHIBIT G



WETLANDS LEGEND	
	Freshwater Emergent
	Freshwater Forested/Shrub
	Estuarine and Marine Deetwater
	Estuarine and Marine
	Freshwater Pond
	Lake
	Riverine
	Other

3.2 Site and Vicinity General Characteristics

The Marion County Industrial Park is located less than one (1)-mile north of the intersection of US Highway 501 Bypass and US Highway 76. US Highway 501 Bypass traverses through the center of the *property* in a north/south direction, and divides the Marion County Industrial Park into two



(2) nearly contiguous tracts. The western tract is bound to the east by US Highway 501 Bypass, to the south by Wise Chapel Road (S-34-331), to the west by Conner Road (S-34-682), and to the north primarily by undeveloped woodlands. The eastern tract is bound to the west by US Highway 501 Bypass, to the north by the Swamp Fox Used Auto Parts facility, to the east primarily by densely wooded wetland area, and to the south by the Marco Rural Water Company Water Plant and Wise Chapel Road (S-34-331). An overhead electric transmission line owned by Pee Dee Electric Cooperative, Inc. extends in the east/west direction through the central portion of the Marion County Industrial Park. Gurley Road (S-34-681) extends northeastwardly through the western portion of the *property* from Wise Chapel Road (S-34-331), and provides access to the industrial facilities and residential dwellings adjoining the Marion County Industrial Park.

3.3 Current Site Use

The Marion County Industrial Park is comprised primarily of agricultural fields, forestland, and densely wooded potential wetland areas. An approximately fifty thousand (50,000) Square Foot industrial building was constructed on Marion County TMS 055-00-00-194 in 2000, and expanded to approximately 100,000 square feet in 2001. The structure was purchased in December of 2010 by Watec International, a water technologies and renewable energy company, for the production of water desalination equipment; however, the facility was not in operation at the time of this *Phase I*

Environmental Site Assessment. Existing freshwater ponds are located on the southeastern and southwestern portions of the *property*, respectively. Additionally, a stormwater basin was observed just south of the existing Watec International facility. Water line appurtenances, overhead power lines, and storm drainage infrastructure were observed throughout the developed portions of the *property*. Various photographs of the *property* are presented in Appendix A.

3.4 Past Site Use and Ownership

Information gathered from reviews of Marion County Tax Maps, recorded deeds and plats, and personal interviews indicates that much of the *property* has been maintained as undeveloped woodlands or used as agricultural fields. As previously stated, a fifty thousand (50,000) Square Foot facility has been located on the southern portion of the Marion County Industrial Park since 2000. The industrial facility was previously used by Road Rescue, Inc. to manufacture artificial bodies for use in the training of emergency medical personnel. The most environmentally sensitive operations completed in the facility included painting of the artificial bodies, which was limited to a designated area in the facility. No chemical processes, such as acid baths or metal annealing were performed as part of the Road Rescue, Inc. production process. Prior to development of the industrial facility, the southern portion of the *property* was a green field. No property ownership records were available through the Marion County Tax Assessor for Marion County TMS 055-00-00-194 or 055-00-00-216 at the time of this *Phase I ESA*. It appears that Marion County TMS 044-00-00-036 and 055-00-00-021 have been subdivided several times historically, and it is believed that the ownership history of TMS 055-00-00-194 and 055-00-00-216 are directly tied to these historical transactions. Marion County holds a land option agreement for the remaining portion of TMS 044-00-00-036. The *reasonably ascertainable* ownership history of the parcels known as Marion County TMS 044-00-00-036 and 055-00-00-021 are presented on the following pages.

Marion County Tax Map Number 044-00-00-036 (Approximately 128–Acres)

- August 28, 2009:** Marion County acquires a portion of the *property* from Lucia O. Atkinson;
- August 27, 2009:** Lucia O. Atkinson acquires the *property* from Andrea Atkinson, Jenna Atkinson, Harriott Atkinson, Suzanne Atkinson, Troy Atkinson, IV, and Jennifer Atkinson;
- December 23, 1997:** Andrea Atkinson, Jenna Atkinson, Harriott Atkinson, Suzanne Atkinson, Troy Atkinson, IV, and Jennifer Atkinson acquire the *property* from Carroll Atkinson, Jr.;
- December 18, 1995:** Carroll Atkinson, Jr. acquires the *property* from D. J. Atkinson;
- April 8, 1988:** D. J. Atkinson acquires the *property* from Don DeNitto;
- February 18, 1981:** Don DeNitto acquires the *property* from Warren Lane;
- November 11, 1949:** Warren Lane acquires the *property* from an unknown owner.

Marion County Tax Map Number 055-00-00-021 (Approximately 392–Acres)

- December 17, 2010:** Watec International acquires the *property* from Industrial Solutions & Supply, Inc.;
- April 3, 2008:** Industrial Solutions & Supply, Inc. acquires a portion of the *property* from South Carolina Public Service Authority;
- March 25, 2004:** South Carolina Public Service Authority acquires a portion of the *property* from Elise M. Guyton;
- March 25, 2004:** Pee Dee Electric Cooperative acquires a portion of the *property* from Elise M. Guyton;
- February 10, 2000:** Pee Dee Federal Savings Bank acquires a portion of the *property* from Elise M. Guyton;
- March 8, 1994:** Precision Southeast acquires a portion of the *property* from Elise M. Guyton;

- November 29, 1991:** Pee Dee Regional Development Corporation acquires a portion of the *property* from Elise M. Guyton;
- January 15, 1990:** Pee Dee Electric Corporation, Inc. acquires a portion of the *property* from Elise M. Guyton;
- December 15, 1989:** KRP Industries acquires a portion of the *property* from Elise M. Guyton.
- December 13, 1989:** Elise M. Guyton acquires the *property* from an unknown owner.

3.5 Adjoining Property Uses

The Marion County Industrial Park is located in an area of moderate development with several roadways extending along the perimeter of, and throughout the *property*. The *property* is bordered to the south by active and inactive industrial facilities and agricultural fields, to the east by undeveloped wetlands and residential dwellings, to the north by the Swamp Fox Used Parts facility and undeveloped woodlands, and to the east by undeveloped woodlands and agricultural fields. Swamp Fox Used Parts is a facility that collects scrap vehicles for the resale of individual parts and pieces needed for repairs and restorations. Marco Rural Water Company owns, operates, and maintains an elevated water storage tank and water treatment facility adjoining the southern boundary of the Marion County Industrial Park, near the former Road Rescue, Inc. facility. Pee



Dee Electric Cooperative, Inc., a rural electricity supplier established in 1939 in the Pee Dee Region of South Carolina, operates an electrical substation and a district office that adjoin the southern boundary of the *property*. Precision Southeast, Inc., a company headquartered in Myrtle Beach, South Carolina that specializes in injection molding, operates a facility located adjacent to the Pee Dee Electric Cooperative, Inc. facilities. Super Duper Glass, Inc. owns a manufacturing facility south of the *property* that is used for research and production of oversized flat glass. Thirty-six (36) *adjoining*

properties are located in the vicinity of the *property*. A detailed list of the adjoining property owners' information can be found in Table 1.

TABLE 1 – ADJOINING PROPERTY OWNERS			
Parcel ID No.	Acreage*	Property Owner	Boundary Direction
044-00-00-091	13.2	Charles W. Wallace	North
044-00-00-099	Unk.	Donna F. Long	Northeast
044-00-00-031	126.0	D. B. Shelley	East
044-00-00-227	1.3	Donald W. and Lauren S. DeNitto	East
044-00-00-250	Unk.	Shelia S. Ammons	East
044-00-00-251	Unk.	Lauren S. DeNitto	East
044-00-00-061	1.7	Donald W. and Lauren S. DeNitto	East
044-00-00-041	58.0	Donnie T. Thompson	Northwest
044-00-00-015	2.2	Lee E. Hughes	Northwest
055-00-00-121	45.0	Carolyn P. Welch	Southeast
055-00-00-127	50.0	Donna F. Long	Southeast
055-00-00-003	33.5	Thelbert L. Elliott	East
055-00-00-001	50.4	Jimmy and Sharon Calder	East
055-00-00-203	9.8	Daniel B. Shelley, Jr.	Northeast
055-00-00-020	1.8	Joyce Graham	East
055-00-00-019	0.9	Joyce Graham	East
055-00-00-018	0.8	Joyce Graham	East
055-00-00-017	0.7	Robert C. and Sylvia J. Lane	East
055-00-00-016	0.7	James C. and Faye F. Lane	East
055-00-00-100	17.0	Super Duper Glass, Inc.	South
055-00-00-123	1.1	Pee Dee Corporation	South/Central
055-00-00-201	1.5	Pee Dee Electric Cooperative	South/Central
055-00-00-137	7.4	Precision Southeast, Inc.	East/Central
055-00-00-209	10.0	Jane C. Grice	East/Central
055-00-00-155	3.0	Rosemary L. Suggs	South
055-00-00-142	Unk.	Lawrence and Violet Johnson	South
055-00-00-143	Unk.	James and Maribel Snipes	South
055-00-00-144	Unk.	Gail R. Higgins	South
055-00-00-145	Unk.	Melissa H. Collins	South
055-00-00-146	Unk.	Theo E. Sawyer	South
055-00-00-147	Unk.	James L. Suggs	South
055-00-00-022	35.3	Jerry Richardson	South
055-00-00-032	150.9	Donnie T. Thompson	East
055-00-00-091	3.0	Kelly B. Sawyer, Jr.	East
055-00-00-029	15.7	Esther R. Sawyer	East
055-00-00-030	30.0	Statcher Rogers	East

* Adjoining parcel acreages were determined via Marion County Tax Map Numbers 44 and 55. Properties with 'Unk.' designations had no acreage noted on these maps.

3.6 Drainage

Surface and subsurface drainage is often of interest during an *Environmental Site Assessment* because it provides an indication of the direction in which contaminants could potentially be transported by surface waters or groundwater. Based upon a review of Marion County's FEMA Flood Map (Exhibit F), it appears that the majority of the Marion County Industrial Park is located in Zone X, which designates areas located outside of the 500-year flood plain. An area located along the eastern boundary of the southeastern portion of the *property* is located in Zone AE, which designates areas within the 100-year flood plain. Approximately twenty-three (23) acres are located in Zone X (shaded), which denotes areas within the 500-year flood plain. A review of the United States Department of the Interior's NWI Map indicates several potential wetland areas on the Marion County Industrial Park. The existing ponds, located on the southwestern and southeastern portions of the *property*, respectively, are identified on the NWI Map as freshwater ponds. It appears that approximately 153-acres of the *property* is comprised of wetland areas defined as freshwater forested/shrub areas. It should be noted that information included on the NWI Map may be outdated, and Jurisdictional Wetlands Delineation would need to be completed for the *property* to confirm the presence or absence of wetlands. The most recent Jurisdictional Wetlands Determination completed for a portion of the *property* available at the time of this *environmental site assessment* was performed in 2006. As a result of this delineation, 39.9-acres of Jurisdictional Wetlands were identified at the Marion County Industrial Park. A letter of concurrence was issued by the United States Army Corps of Engineers (USACE) on April 12, 2006 confirming this delineation.

The Marion County Industrial Park, per the Marion County Soil Survey, Sheets 7 and 13, dated 1980, is comprised primarily of Coxville (Cx), Dunbar (Dn), and Goldsboro (GoA) series soils which have Hydrologic Soil Group (HSG) classifications of D, B, and B, respectively. Coxville series soils, identified to be located on the northern and western portions of the *property*, are poorly drained soils with moderately slow permeability. Dunbar series soils, which are somewhat poorly drained soils with moderately slow permeability, appear to be concentrated on the western portion of the Marion County Industrial Park. Goldsboro series soils appear to be present along the US Highway 501 corridor, and are

moderately well drained soils with moderate permeability. Smaller quantities of Brogdon (BrA), Dothan (DaA), Duplin (DuA), Lynchburg (Ln), Pocalla (PoA), Rains (Ra), Rutlege (Ru), and Varina (VaA, VaB) series soils were also identified at the Marion County Industrial Park.

A USGS Topographic Map and a pedestrian reconnaissance of the *property* were used to characterize suspected drainage patterns. The Marion County Industrial Park is comprised of moderate to mild slopes. The precise direction of groundwater flow is a parameter that is not always easily discernible for a particular site and is beyond the scope of



this assessment effort. However, based on the topography of the *property* it is believed that the groundwater will generally flow easterly from areas of higher elevation on the western portions of the *property*. Stormwater flows are collected in various drainage ditches observed throughout the *property*. Stormwater is believed to be collected in the existing freshwater ponds and stormwater basins located throughout the *property*. Stormwater is conveyed eastward prior to discharging into Smith Swamp, which extends along the eastern boundary of the Marion County Industrial Park. Water was observed to be ponding in isolated low points across the *property* due to recent rainfall activity.

4.0 REGULATORY RECORDS REVIEW

A primary purpose of this *Phase I ESA* was to perform a sufficient assessment to identify any obvious, actual, and potential sources of contamination that might be associated with the property in question. Information related to the past and present use of the property is of extreme interest in assessing its environmental condition. Recognition of the manner in which human activities have affected a tract of land is vital in evaluating the impact that these activities may have had on the *property* and the environment.

Alliance Consulting Engineers, Inc. utilized the services of its sub-consultant, Environmental Data Management, Inc. (EDM), to query the environmental regulatory lists available through the USEPA and the SCDHEC for sites regulated within the recognized ASTM search radius. This environmental data report is presented in its entirety as Appendix B.



The following USEPA regulatory lists were reviewed using the indicated standard ASTM search radii measured from the site boundary:

- National Priorities List (NPL) - [1.0 mile]
- Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) - [0.5 mile]
- Archived CERCLIS Sites (NFRAP) – [0.5 mile]
- Emergency Response Notification System List (ERNS) - [0.25 mile]
- Resource Conservation and Recovery Information System (RCRIS) Handlers With Corrective Action (CORRACTS) - [1.0 mile]
- Resource Conservation and Recovery Act (RCRA) Treatment, Storage, and/or Disposal Sites (TSD) - [1.0 mile]
- RCRA LQG, SQG, CESQG, and Transporters (NONTSD) – [0.25 mile]
- Tribal Tanks List (TRIBLTANKS) – [0.25 mile]
- Tribal LUST List (TRIBLLUST) – [0.5 mile]
- US Institution and/or Engineering Controls (USINSTENG)- [0.25 mile]
- Brownfields Management System – [USBRWNFLDS 0.5 mile]

Additionally, the following SCDHEC regulatory lists were reviewed using the indicated standard ASTM search radii:

- South Carolina State Priority List Sites (STNPL) - [1.0 mile]
- South Carolina Solid Waste Facilities List (SLDWST) - [0.5 mile]
- South Carolina Leaking Underground Storage Tanks List (LUST) - [0.5 mile]
- South Carolina Underground/Above ground Storage Tanks (TANKS) - [0.25 mile]
- South Carolina State Designated Brownfields (BRWNFLDS) – [0.5 mile]
- South Carolina State Voluntary Cleanup List (VOLCLNUP) – [0.5 mile]
- South Carolina State Dry Cleaners List (DRY) - [0.5 mile]
- State Institutional and/or Engineering Controls (INSTENG) – [0.25 mile]
- Spills List (SPILLS)- [0.25 mile]

Also the following supplemental database lists were reviewed using the indicated standard ASTM search radii:

- Record of Decisions System (RODS) - [1.0 mile]
- RCRA Administrative Action Tracking System (RAATS) - [1.0 mile]
- Biennial Reporting System (BRS) - [0.25 mile]
- PCB Activity Data System (PADS) - [0.25 mile]
- Permit Compliance System (PCS) - [0.25 mile]
- Facility Registry System (FRS) – [0.25 mile]
- Toxic Release Inventory System (TRIS) – [0.25 mile]

Four (4) facilities were identified within the standard ASTM search radii of the subject *property's* boundary. These facilities are presented in Table 2.

TABLE 2 – SITES WITHIN STANDARD ASTM RADIUS			
SITE OR FACILITY	DISTANCE (mi)*	DIRECTION	LISTING
Pee Dee Electric Cooperative, Inc.	0.3	S	FRS, TANKS
Road Rescue, Inc.	0.3	SE	FRS, NONTSD
KRP Industries, Inc.	0.5	SE	FRS, NONTSD, PCS
Estate of D. Legrant Bryant	1.1	S	LUST

** Distances are measured radially from the centroid of the property boundary*

The proximal portion of the mapped sites of the environmental data report lists facilities and sites that appear outside of the study area, but are in close proximity to the research boundary. These sites are not included in the standard ASTM radii, but fall into the following categories:

1. The location of the site occurs close to the research boundary;
2. The property boundary of the site may be large enough that the physical address may be outside of the study area, but the property boundary may extend into the study area;
3. The address data, derived from the United States Census Bureau, does not always contain the most accurate address information. Therefore, the proximal portion of these results includes the addresses in close proximity to the ASTM search radii.

A review of these criteria indicates that there is one (1) site that falls within these proximal results. This facility is included in Table 3.

TABLE 3 – PROXIMAL SITES			
SITE OR FACILITY	DISTANCE (mi*)	DIRECTION	LISTING
Marion County Technical Education	1.0	SE	LUST

* Distances are measured radially from the centroid of the property boundary

There are also six (6) non-mapped sites that may exist within the study area, but lack the needed address information for mapping. Many of these sites contain the same zip code as the subject site or do not have zip code or address data available. Table 4 contains these sites.

TABLE 4 – NON-MAPPED SITES	
SITE OR FACILITY	LISTING
Blumenthal Mills	TANKS
Thomas Supply Company	FRS, TANKS
T. C. Powers Grocery	FRS, TANKS, LUST
B&W Country Convenience Store	FRS, TANKS, LUST
B&M Enterprise	FRS, TANKS, LUST
Marion Town Center	TANKS

It should be noted that regulatory listings and regulatory agency files are often limited. The regulatory listings include only those sites that are known to regulatory agencies, at the time of publication, to practice operations which require licensing or permitting, or those sites

known to be contaminated or possess a potential for contamination as a result of the generation and/or handling of hazardous materials and/or petroleum products.

In addition to the regulatory records review, EDM completed a Historical Aerial Photograph Report for the Marion County Industrial Park. Historical photographs documenting the uses of the *property* for 1951, 1964, 1972, 1981, 1989, 1999, and 2009 were included within the report. The *property* has historically been undeveloped. It appears that US Highway 501 was constructed between 1981 and 1989. Development south of the *property* appears for the first time in the photograph from 1999. The Road Rescue, Inc. facility appears to have been developed between 1999 and 2009, according to the historical photographs, and was later determined to have been completed in 2000.

Alliance Consulting Engineers, Inc. also reviewed the *Phase I Environmental Site Assessments* completed by Alliance Consulting Engineers, Inc. and S&ME, Inc. dated August 2009 and October 2005, respectively, for the *property*. As a result of the Phase I ESA completed by Alliance Consulting Engineers, Inc., it was determined that the Swamp Fox Used Parts facility adjoining the northern boundary of the *property* is a *recognized environmental condition*. No other *RECs* were identified in the *Phase I ESA* completed in August 2009. The *Phase I ESA* conducted by S&ME, Inc. did not identify the Swamp Fox Used Parts facility as a *REC*; however, the presence of two (2) underground storage tanks (USTs) on the adjoining Pee Dee Electric Cooperative site were classified as *RECs* with regards to the *property*. No documented releases were recovered as a result of the *records review* at the Swamp Fox Used Parts and Pee Dee Electric Cooperatives sites.

5.0 SITE RECONNAISSANCE

5.1 Methodology and Limiting Conditions

Mr. Garrett Wine, E.I.T. of Alliance Consulting Engineers, Inc. performed a *site reconnaissance* of the *property* on May 10, 2012. The *property* was observed by traversing the perimeter and interior of the *property*. The reconnaissance involved viewing adjoining properties and structures from publicly accessible areas. Observation of nearby properties was limited to areas visible in the line of sight from public roadways. No limiting conditions were encountered during the reconnaissance. A vehicular tour of the area was made to confirm the locations of facilities listed by regulatory agencies and to verify nearby land use.

5.2 Exterior Observations

On-site exterior conditions or items that were observed are depicted in Table 5.

TABLE 5 - OBSERVED EXTERIOR CONDITIONS OR ITEMS		
On-Site Conditions or Items	Observed	If yes, describe
a. aboveground storage tanks	No	
b. underground storage tanks	No	
c. pipelines	Yes	Water, wastewater, and natural gas utility pipelines throughout the <i>property</i>
d. damaged/leaking transformers	No	
e. surface impoundment/holding ponds	Yes	Existing ponds located on the southeastern and southwestern portions of the <i>property</i> . Stormwater basin located south of the existing facility
f. monitoring wells	No	
g. remedial cleanup activity	No	
h. landfill/burial activity	No	
i. chemical spills or releases	No	
j. gas/oily sheens on water (excluding parking lot ponding)	No	
k. chemical/petroleum odors	No	
l. stained or discolored soil	No	
m. distressed/discolored vegetation (chemically impacted)	No	

TABLE 5 - OBSERVED EXTERIOR CONDITIONS OR ITEMS (CONT'D)

On-Site Conditions or Items	Observed	
n. dumping	Yes	Demolition debris pile observed near the northern boundary of the <i>property</i>
o. stored substances/drums/containers/vats	No	
p. spray rigs/tankers/mobile storage tanks	No	
q. marshes/low lying wetlands	Yes	Wetland areas on the eastern portion of the <i>property</i> , Smith Swamp adjacent to eastern boundary
r. air emission facilities	No	

5.3 Interior Observations

On-site interior conditions or items that were observed are depicted in Table 6.

TABLE 6 - OBSERVED INTERIOR CONDITIONS OR ITEMS

On-Site Conditions or Items	Observed	If yes, describe
a. aboveground storage tanks	No	
b. underground storage tanks	No	
c. pipelines	Yes	Water, wastewater utility pipelines throughout the facility
d. damaged/leaking transformers	No	
e. chemical spills or releases	No	
f. chemical/petroleum odors	No	
g. staining/discolored flooring	No	
h. stored substances/drums/containers/vats	No	
i. sprayed on structural fire proofing	No	
j. sprayed on acoustical/textured ceilings	No	
k. damaged thermal insulation	No	

6.0 INTERVIEWS

On May 7, 2012, Mr. Rodney Berry, representing Marion County who owns the majority of the *property*, indicated that to the best of his knowledge and belief there are currently no known, nor have there been any environmental liens or governmental notifications relating to environmental laws; nor any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of a *hazardous substances* or *petroleum products* on the *property*. Mr. Berry did not have any additional knowledge of any *hazardous substances* or *petroleum products*, unidentified waste materials, tires, automotive or industrial batteries, or other waste materials being dumped above grade, buried, and/or burned on the *property* outside of the items observed by Mr. Wine during the *site reconnaissance*. This correspondence is included in Appendix C.

On May 10, 2012, Alliance Consulting Engineers, Inc. conducted an interview with Mr. H. G. 'Hubb' Clapper, representing Watec International who owns the former Road Rescue, Inc. facility, during the *site reconnaissance*. Mr. Clapper provided access to the existing facility, and detailed the historical uses of the building. Mr. Clapper noted that extensive research has been conducted at the *property* as part of the property acquisition process, with an emphasis on environmental concerns. Mr. Clapper confirmed that Road Rescue, Inc. operated the facility with close attention to detail pertaining to safety matters, particularly the disposal of *hazardous substances* or *petroleum products*. Mr. Clapper indicated that to the best of his knowledge and belief there are currently no known, nor have there been any environmental liens or governmental notifications relating to environmental laws; nor any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of a *hazardous substances* or *petroleum products* on the *property*. Mr. Clapper did not have any additional knowledge of any *hazardous substances* or *petroleum products*, unidentified waste materials, tires, automotive or industrial batteries, or other waste materials being dumped above grade, buried, and/or burned on the *property* outside of the items observed by Mr. Wine during the *site reconnaissance*. This correspondence is included in Appendix C.

On May 21, 2012, Alliance Consulting Engineers, Inc. conducted an interview with the City of Marion Fire Chief Trey Cooper via telephone. Chief Cooper stated that to his

knowledge the fire department has never responded to a call at the *property* for the release of *hazardous substances* or *petroleum products*. Chief Cooper noted that no releases of *hazardous substances* or *petroleum products* have been reported in conjunction with the Swamp Fox Used Parts facility located adjacent to the northern boundary of the Marion County Industrial Park. The water treatment facility adjoining the southern boundary of the *property* was identified by Chief Cooper as the area most likely to be tied to any environmental concerns in the vicinity of the Marion County Industrial Park. A communications memorandum detailing this interview is included in Appendix C.

7.0 FINDINGS AND OPINIONS

During the *records review* two (2) sites were identified on the TANKS database, one (1) of which was identified on the LUST database within the standard ASTM search radii of the Marion County Industrial Park. The Pee Dee Electric Cooperative, Inc. facility, located adjacent to the southern boundary of the *property*, was identified to have two (2) underground storage tanks (USTs). Records indicate that a twelve thousand (12,000) gallon unleaded gasoline fuel UST and a six thousand (6,000) gallon diesel fuel UST are currently in operation at the Pee Dee Electric Cooperative, Inc. facility. S&ME, Inc. personnel identified the presence of these USTs as a *recognized environmental condition (REC)* during the *Phase I Environmental Site Assessment* conducted in October of 2005. No records indicating the release of *petroleum products* from these USTs were identified as a result of the *records review*, and no evidence suggesting that the tanks have been compromised was uncovered during the database queries. Based on the lack of evidence suggesting the release of *petroleum products*, these USTs are not considered to be *RECs* with regards to the Marion County Industrial Park.

A LUST Confirmed Release Report was identified for the Estate of D. Legrant Bryant, which is located approximately 1.12 miles southwest of the *property*. The release of *petroleum products* from the UST was reported to SCDHEC on November 22, 1999 and confirmed on November 23, 1999. A 'No Further Action' date was issued by SCDHEC on September 22, 2003, giving this release regulatory closure. Accordingly, the LUST release identified for the Estate of D. Legrant Bryant site is not considered a *REC* with regards to the *property*.

The remaining sites identified during the records search are either located downgradient from the *property*, lack sufficient records indicating releases of *hazardous substances* or *petroleum products*, or are not close enough in the proximity to the *property* to believe that adverse impacts have leached to the Marion County Industrial Park via the ground, groundwater, or surface water. Based on the available information, these sites are not considered *RECs* with regards to the Marion County Industrial Park.

The southeastern portion of the Marion County Industrial Park is comprised of the former Road Rescue, Inc. office and manufacturing facility. The plant, constructed in the

early 2000's, was owned, operated, and maintained by Road Rescue, Inc. until December of 2010, at which time the plant ceased operation. Road Rescue, Inc. used the plant to manufacture medically accurate bodies for use in the training of emergency medical personnel. Processes performed at the plant included but were not limited to bead blasting, painting, and plastic forming/extraction. Mr. Clapper noted that no chemical processes such as acid baths or annealing were performed at the facility. At the time of the *site reconnaissance* the facility was predominantly empty with the exception of office furniture in the office portion of the facility, and a few cardboard boxes transported to the facility by Watec International. Several floor drains were observed throughout the manufacturing portion of the facility. No gas or oily sheens were observed in conjunction with these floor drains. Further, no odors of *hazardous substances* or *petroleum products* were noted on the interior of the building, and no discolored or stained flooring was observed. The building is equipped with several offices, a main lobby area for guests, several restrooms, two (2) lunch/break rooms, and the manufacturing warehouse. The facility is equipped with a sprinkler system and several security cameras. No items observed as a result of the *site reconnaissance* of the interior of the former Road Rescue, Inc. facility indicate the release of *hazardous substances* or *petroleum products* to the ground, groundwater, or surface water.

Storm drainage inlets, outlets, and ditches observed during the *site reconnaissance* did not exhibit visible distressed or discolored vegetation, or gas or oily sheens in or around them. Stormwater flows are generally conveyed easterly from points of higher elevation on the western portion of the *property*. Stormwater flows are discharged from the *property* to roadside ditches, existing freshwater ponds, and existing stormwater basins observed along the perimeter and throughout the Marion County Industrial Park prior to ultimately entering Smith Swamp. Water was observed in the roadside ditches along US Highway 501, and Gurley Road (S-34-681) and in isolated low-points across the Marion County Industrial Park. No apparent gas or oily sheens were noted.

Water lines, wastewater lines, and overhead power lines were observed throughout the *property*, and within the right-of-ways of US Highway 501, Gurley Road, Wise Chapel Road, and Conner Road. With the exception of US Highway 501, which is a four (4)-lane divided highway with a grassed median, these state-maintained roadways are each two (2)-lane

roadways that define the boundaries of the Marion County Industrial Park. All fire hydrant assemblies, post indicator valves, wastewater manholes, pole-mounted transformers, and pad-mounted transformers observed during the *site reconnaissance* appeared to be in good working condition, and did not appear to pose any environmental threats. An electrical distribution substation was observed just west of the existing Pee Dee Electric Cooperative, Inc. district office. The substation is secured by chain link fencing with a razor wire protective wrap at the top of the fence. No apparent leaks were observed near the substation, and it is not believed to be an environmental threat. An elevated water storage tank and water treatment facility owned, operated, and maintained by the Marco Rural Water Company was observed near the southern boundary of the *property*, adjacent to the former Road Rescue, Inc. facility. Like the substation, the water treatment facility is secured by chain link fencing with a razor wire protective wrap at the top of the fence. No items of environmental concern were apparent during the limited pedestrian reconnaissance of the tank site. Based on the lack of evidence suggesting a release of *hazardous substances* or *petroleum products* in conjunction with these items, the utility infrastructure in the vicinity of the Marion County Industrial Park is not considered to be a *REC*.

A construction project was underway on the northwestern portion of the Marion County Industrial Park at the time of the *site reconnaissance*; however, no construction operations were on-going during the reconnaissance. It appears that rough grading activities have begun at the construction project site. No on-site aboveground fuel storage tank or items of environmental concern were noted at the construction site.

The Swamp Fox Used Parts facility is located adjacent to the northern boundary of the Marion County Industrial Park. The facility was identified as a *REC* with regards to the *property* in the *Phase I ESA* completed by Alliance Consulting Engineers, Inc. in August of 2009; however, the facility was not identified as a *REC* as a result of the *Phase I ESA* completed by S&ME, Inc. in October of 2004. The City of Marion Fire Chief, Trey Cooper, indicated in a telephone conversation on May 21, 2012 that the City of Marion Fire Department has never been notified of the release of any *hazardous substances* or *petroleum products* at this site. Chief Cooper confirmed that no car crushing operations are performed at the Swamp Fox Used Parts facility. No odors of *hazardous substances* or *petroleum products*

were noted during the *site reconnaissance* in the area of the Swamp Fox Used Parts facility. Vegetation appears to be discolored and distressed near the impervious portions of the Swamp Fox Used Parts facility; however, vegetation observed on the Marion County Industrial Park in the vicinity of the parts facility did not exhibit these characteristics. A *demolition debris* pile was observed near the Swamp Fox Used Parts facility that included but was not limited to waste tires and vehicle axles. Leaves have covered the majority of the pile, so it was unable to be visually determined if vegetation was discolored or distressed. The likelihood of habitual releases of *hazardous substances* or *petroleum products* to the ground, groundwater, or surface water of the *adjoining property* is high due to the nature of the operation at the Swamp Fox Used Parts facility. Based on this information, the Swamp Fox Used Parts facility is considered a *business environmental risk* with regards to the Marion County Industrial Park. That is, a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of *commercial real estate*. However, the Swamp Fox Used Parts facility is not considered to be a *recognized environmental condition* with regards to the Marion County Industrial Park.

8.0 CONCLUSIONS

The *Phase I Environmental Site Assessment* has been performed in conformance with the scope and limitations of *ASTM Practice E 2247-08 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process for Forestland or Rural Property* of the Marion County Industrial Park, the subject *property*. Any exceptions to, or deletions from, this practice are described in Section 9.0 of this report. This assessment has revealed no evidence of *recognized environmental conditions* in connection with the *property*.

9.0 DEVIATIONS

Alliance Consulting Engineers, Inc. project personnel have attempted to prepare this *Phase I Environmental Site Assessment* in conformance with *ASTM E 2247-08 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process for Forestland or Rural Property*, which was approved on June 1, 2008, and to the best of our knowledge and practice have not deviated from the standard.

10.0 REFERENCES

1. *ASTM E 2247-08 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process for Forestland or Rural Property*. West Conshohocken, PA: ASTM International, 2008.
2. Pitts, James J. *Soil Survey of Marion County, South Carolina*. US Department of Agriculture, Soil Conservation Service and Forest Service, 1976.
3. *Phase I Environmental Site Assessment for Marion County Industrial Park, Marion County Tax Map Nos. 0055-00-00-021 and 0044-00-00-036*, Alliance Consulting Engineers, Inc., August 2009.
4. *Phase I Environmental Site Assessment, Marion County Industrial Park, Marion County, South Carolina*, S&ME, Inc., October 24, 2005.
5. *Master Planning for the Marion County Industrial Park, Marion County, South Carolina – Existing Infrastructure Map*. Alliance Consulting Engineers, Inc., April 3, 2012.

11.0 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 Section 312.10 of 40 CFR Part 312. We have 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.

James W. Frost, II, P.E.
Senior Environmental Professional

Garrett R. Wine, E.I.T., LEED Green Associate
Environmental Professional

12.0 STATEMENT OF QUALIFICATIONS

Alliance Consulting Engineers, Inc. is a South Carolina based consulting engineering firm engaged in the practice of civil, structural, and environmental engineering. The firm was founded in 2004, and has offices located in Columbia, South Carolina; Bluffton, South Carolina; Greenville, South Carolina; and Charlotte, North Carolina. The staff of Alliance Consulting Engineers, Inc. currently consists of one (1) principal, five (5) senior project managers, four (4) project managers, one (1) senior project engineer, four (4) project engineers, nine (9) engineering associates, six (6) CAD technicians, one (1) special projects consultant, one (1) senior design associate, one (1) local government liaison, two (2) regional managers, one (1) business development director, one (1) land development director, one (1) consultant, and four (4) administrative assistants. Alliance Consulting Engineers, Inc.'s staff includes fifteen (15) registered Professional Engineers, three (3) LEED Accredited Professionals, three (3) LEED Green Associates, and the firm is properly licensed to practice engineering in South Carolina and ten (10) other states.

The firm is regularly involved in performing engineering services for municipal, industrial, institutional, and commercial clients on projects that span the breadth of the civil, structural, and environmental engineering disciplines. Environmental work regularly performed by the firm includes Potable Water Facilities, Wastewater Facilities, Stormwater Facilities, Environmental Site Assessments, Air Quality Permitting, and Solid Waste Management. The firm has performed numerous Environmental Site Assessments.

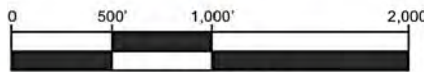
This *Phase I Environmental Site Assessment* has been completed under the direction of Mr. James W. Frost, II, P.E. Mr. Frost currently serves as a Senior Project Manager with Alliance Consulting Engineers, Inc., and oversees all phases of development including project management, planning, report preparation, design, bidding and award, permitting, and construction administration. Mr. Frost graduated from the University of South Carolina in 1997, and is a Professional Engineer that is licensed to practice in the state of South Carolina. Mr. Frost's resume has been included in Appendix F of this *Phase I Environmental Site Assessment*.

APPENDIX A
PHOTOGRAPHS

PHASE I ESA FOR THE MARION COUNTY INDUSTRIAL PARK MARION COUNTY, SOUTH CAROLINA PHOTO KEY



+/- 356 Acres



GRAPHIC SCALE
OCTOBER 29, 2012



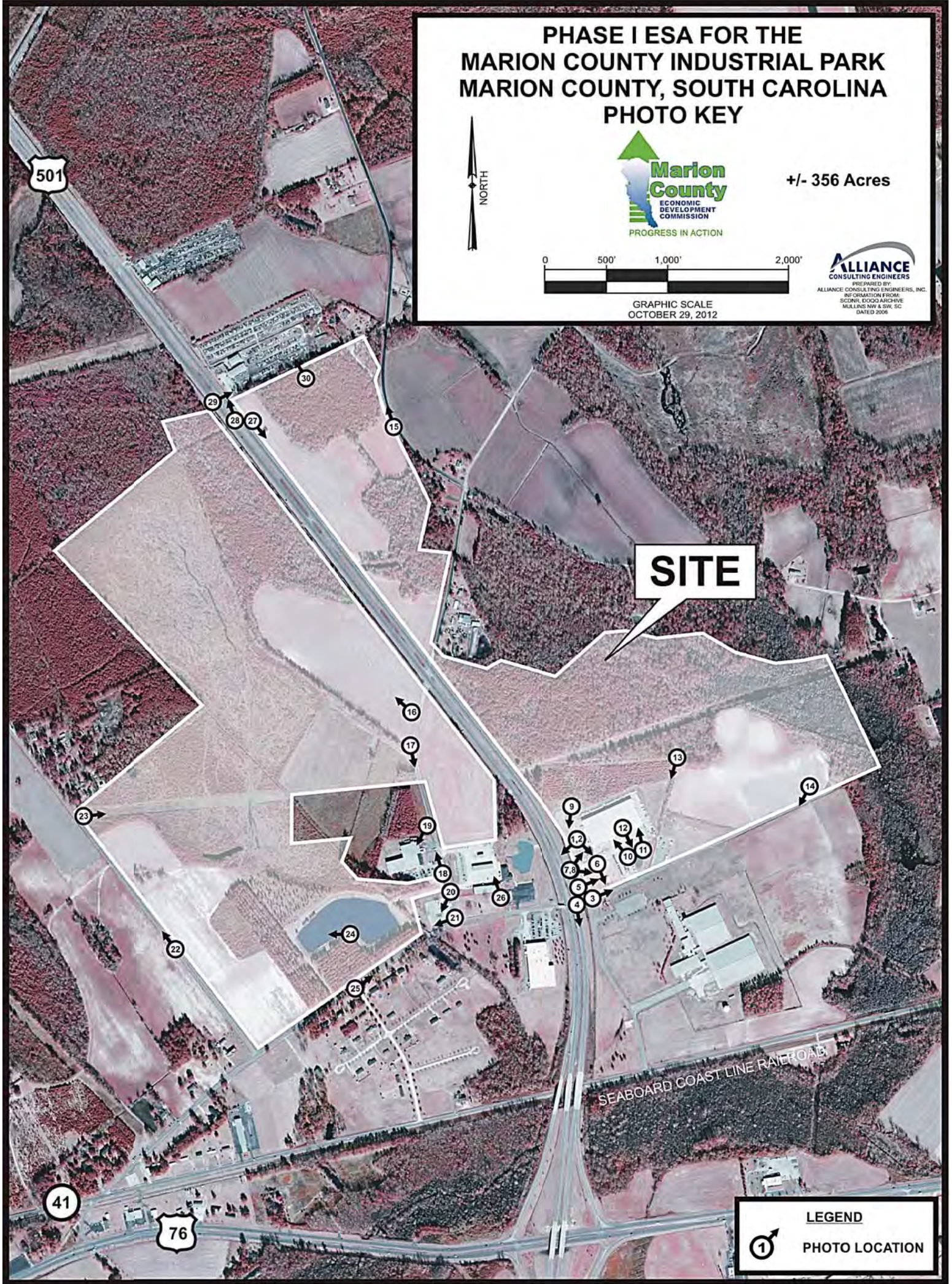
PREPARED BY:
ALLIANCE CONSULTING ENGINEERS, INC.
INSPIRATION FROM
SCDNR, IDOOO ARCHIVE
MULLINS NW & SW, SC
DATED 2008

SITE

SEABOARD COAST LINE RAILROAD

LEGEND

 PHOTO LOCATION





Photograph 1 – Typical fire hydrant assembly observed at the *property*



Photograph 2 – Typical manhole observed at the *property*



Photograph 3 – Looking east along Wise Chapel Road near the former Road Rescue, Inc. facility



Photograph 4 – Looking north along US Highway 501 near the former Road Rescue, Inc. facility



Photograph 5 – Looking east towards the Marco Rural Water Treatment plant



Photograph 6 – Looking south towards the Marco Rural Water Treatment plant



Photograph 7 – Elevated water storage tank located south of the *property*



Photograph 8 – Looking towards the former Road Rescue, Inc. facility



Photograph 9 – Storm drainage inlet observed on the southeastern portion of the *property*



Photograph 10 – Pad mounted transformer and electrical panel (not leaking)



Photograph 11 – Natural gas line located outside of the former Road Rescue, Inc. facility



Photograph 12 – Stormwater basin located on the southern portion of the *property*



Photograph 13 – Typical on-site drainage ditch



Photograph 14 – Looking southwest across an *adjoining property*



Photograph 15 – Looking northeast along Calder Road (S-34-680)



Photograph 16 – Looking north across the *property* towards the construction project site



Photograph 17 – Looking southwest along Gurley Road (S-34-681)



Photograph 18 – Water observed in a roadside ditch along Gurley Road (S-34-681)



Photograph 19 – Looking southwest towards the Precision Southeast, Inc. facility adjoining the *property*



Photograph 20 – Electrical distribution substation located adjacent to the *property*



Photograph 21 – Looking west along Wise Chapel Road (S-34-331) south of the *property*



Photograph 22 – Looking north along Conner Road (S-34-682)



Photograph 23 – Overhead electrical power line traversing the *property*



Photograph 24 – Existing freshwater pond on the southwestern portion of the Marion County Industrial Park



Photograph 25 – Looking eastward along Wise Chapel Road (S-34-331)



Photograph 26 – Pee Dee Electric Cooperative, Inc. district office building located adjacent to the *property*



Photograph 27 – Looking south along US Highway 501 towards the *property*



Photograph 28 – Swamp Fox Used Parts facility adjoining the northern boundary of the Marion County Industrial Park



Photograph 29 – Swamp Fox Used Parts facility adjoining the northern boundary of the Marion County Industrial Park



Photograph 30 – *Demolition debris* pile observed near the northern boundary

APPENDIX B
ENVIRONMENTAL DATA REPORT

ENVIRONMENTAL DATA REPORT

Comprehensive ASTM Research

Marion County Industrial Park
North of US 76 and US 501
Marion County, South Carolina

Prepared For:

Alliance Consulting Engineers, Inc
PO Box 8147
Columbia, SC 29202

Prepared By:

ENVIRONMENTAL DATA MANAGEMENT, INC.
2840 West Bay Drive, Suite 208
Largo, Florida 33770

March 16, 2012

March 16, 2012

Garrett Wine
Alliance Consulting Engineers, Inc
PO Box 8147
Columbia, SC 29202

Subject: **Comprehensive ASTM Research - EDM Project #21272**

Dear Mr. Wine

Thank you for using Environmental Data Management, Inc. The following report provides the results of our environmental data research that you requested for the following location:

**Marion County Industrial Park
North of US 76 and US 501
Marion County, South Carolina**

The following is a summary of the components contained within this report:

- **Executive Summary** –lists the databases that were searched for this report, the search distance criteria and the number of sites identified for each database.
- **Map of Study Area**– street map showing the location of the Subject Property and any regulatory listed sites identified within the search criteria.
- **Site Summary Table** –displays corresponding sites' Map ID numbers, Permit or Registration numbers, Name/Address and the Government Database(s) on which the site was listed.
- **Detail Reports** – data detail for each record identified.
- **Proximal Records Table** – a listing of potentially relevant sites identified just beyond the search criteria.
- **Non-Mapped Records Table** - lists those government records that do not contain sufficient address information to plot within our GIS system, but may still exist within your study area.
- **Physical Setting** – includes USGS Topographic map, FEMA Floodplain/NWI Wetland map and a map of statewide American Indian Lands. Recent Aerial Photo, included with Comprehensive Report. Water Well locations and detail well reports are included where this information is available.
- **Agency List Descriptions** – defines the regulatory databases included in this report along with the dates that each database was last updated by the respective agency and EDM.

At EDM we take great pride in our work, and continually strive to provide you with the most accurate and thorough research service available. We accomplish this by manually screening and researching your study area to identify and accurately locate any sites of environmental concern. This manual effort may add more time and effort to your report preparation, but we think a more thorough and accurate result is worth it.

Thank you again for selecting EDM as your data research provider. Should you have any questions regarding this report or our service, please feel free to contact us. We appreciate the opportunity to be of service to you and look forward to working with you in the future.

ENVIRONMENTAL DATA MANAGEMENT, INC.

Executive Summary

Report Date: 3/16/2012

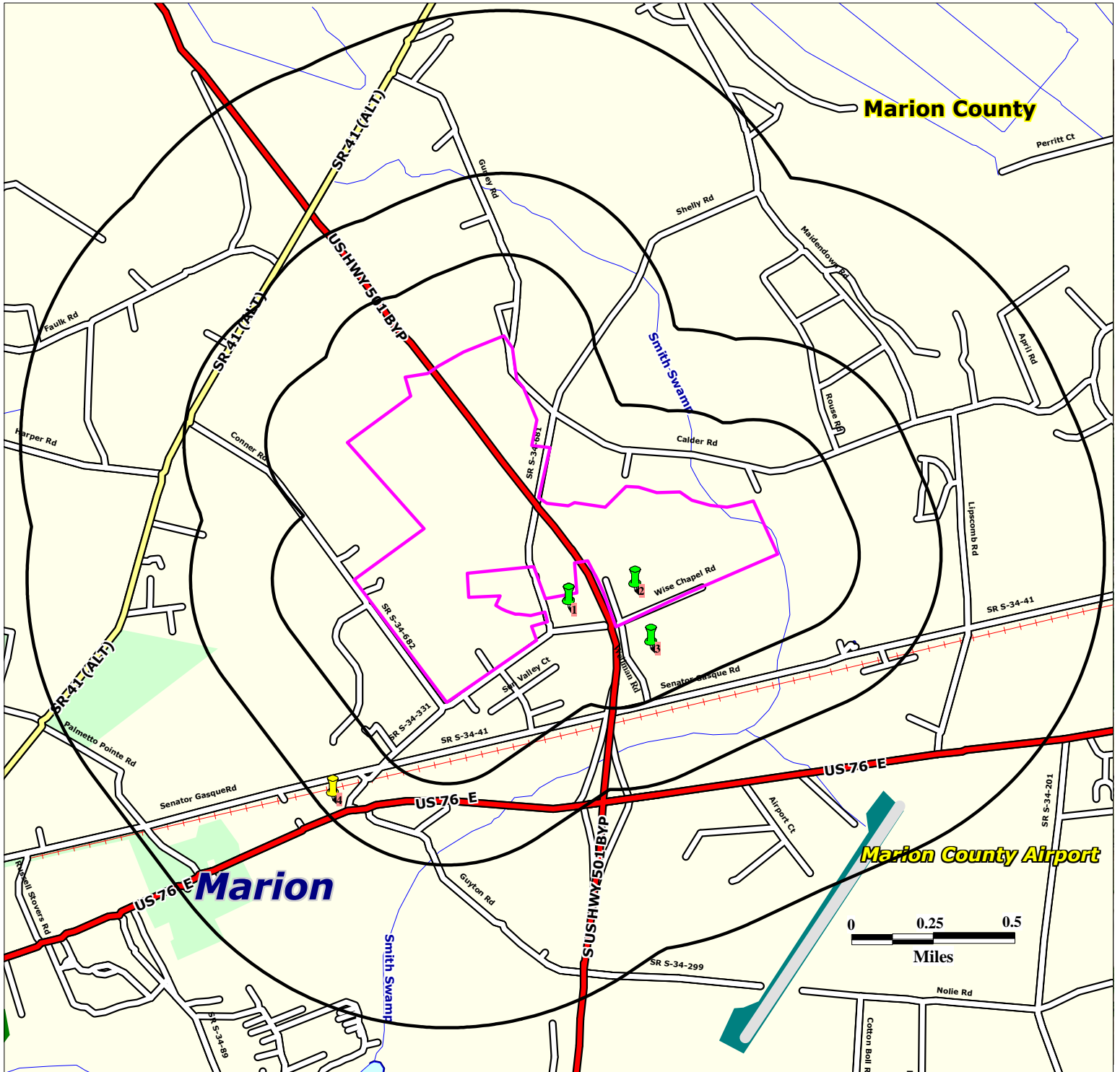
Client Information	Project Information
Alliance Consulting Engineers, Inc PO Box 8147 Columbia SC 29202 Client Job No: Client P.O. No:	Comprehensive ASTM Research Marion County Industrial Park North of US 76 and US 501 Marion County, South Carolina EDM Job No# 21272

The following table displays the databases that were included in the research provided, the respective search distance for each database and the number of records identified for each database. The distance values indicated are measured from the centroid of the Subject Property. The absence of records in this table and the Site Summary Table indicates that no sites were found within the specified search distances.

	Search Radius (Miles)	From 0 - .13 mi	From .13 - .25 mi	From .26 - .5 mi	From .51 - 1.0 mi	Greater than 1 Mile	Totals
EPA DATABASES							
National Priorities List(NPL)	1.00	0	0	0	0	N/A	0
Comprehensive Env Response, Compensation & Liability Information System List(CERCLIS)	0.50	0	0	0	N/A	N/A	0
Archived Cerclis Sites(NFRAP)	0.50	0	0	0	N/A	N/A	0
Emergency Response Notification System List(ERNS)	0.25	0	0	N/A	N/A	N/A	0
RCRIS Handlers with Corrective Action(CORRACTS)	1.00	0	0	0	0	N/A	0
RCRA-Treatment, Storage and/or Disposal Sites(TSD)	1.00	0	0	0	0	N/A	0
RCRA-LQG,SQG,CESQG and Transporters(NONTSD)	0.25	0	0	3	N/A	N/A	3
Tribal Tanks List(TRIBLTANKS)	0.25	0	0	N/A	N/A	N/A	0
Tribal Lust List(TRIBLLUST)	0.50	0	0	0	N/A	N/A	0
US Institutional and/or Engineering Controls(USINSTENG)	0.25	0	0	N/A	N/A	N/A	0
Brownfields Management System(USBRWNFLDS)	0.50	0	0	0	N/A	N/A	0
DHEC DATABASES							
State NPL Equivalent(STNPL)	1.00	0	0	0	0	N/A	0
Solid Waste Facilities List(SLDWST)	0.50	0	0	0	N/A	N/A	0
Leaking Underground Storage Tanks List(LUST)	0.50	0	0	0	N/A	1	1
Underground/Aboveground Storage Tanks(TANKS)	0.25	0	0	1	N/A	N/A	1
State Designated Brownfields(BRWNFLDS)	0.50	0	0	0	N/A	N/A	0
State Voluntary Cleanup List(VOLCLNUP)	0.50	0	0	0	N/A	N/A	0
State Dry Cleaners List(DRY)	0.50	0	0	0	N/A	N/A	0
State Institutional and/or Engineering Controls(INSTENG)	0.25	0	0	N/A	N/A	N/A	0
Supplemental DATABASES							
Record Of Decisions System(RODS)	1.00	0	0	0	0	N/A	0
RCRA Administrative Action Tracking System(RAATS)	1.00	0	0	0	0	N/A	0
Biennial Reporting System(BRS)	0.25	0	0	N/A	N/A	N/A	0
PCB Activity Data System(PADS)	0.25	0	0	N/A	N/A	N/A	0
Permit Compliance System(PCS)	0.25	0	0	1	N/A	N/A	1
Facility Registry System(FRS)	0.25	0	0	11	N/A	N/A	11
Toxic Release Inventory System(TRIS)	0.25	0	0	N/A	N/A	N/A	0
SCDHEC DATABASES							
Spills List(SPILLS)	0.25	0	0	N/A	N/A	N/A	0

***** Disclaimer *****

Please understand that the regulatory databases we utilize were not originally intended for our use, but rather for the source agency's internal tracking of sites for which they have jurisdiction or other interest. As a result of this difference in intended use, their data is frequently found to be incomplete or inaccurate, and is less than ideal for our use. Additionally, limitations exist in mapping data detail and accuracy. Our report is not to be relied upon for any purpose other than to "point" at approximate locations where further evaluation may be warranted. No conclusion can be based solely upon our report. Rather, our report should be used in conjunction with other relevant information to direct your attention at potential problem areas; which should be followed up by site inspections, interviews with relevant personnel and regulatory file review. Readers proceed at their own risk in relying upon this data, in whole or in part, for use within any evaluation. The EDM Service Request Form contains more detailed language with regard to such limitations, the terms of which the reader must accept in their entirety before utilizing this report. If the signed contract is not available to the reader, EDM will gladly furnish a copy upon request. Requests via email authorization are construed to be in accordance with these terms.




Source: US Census Bureau TIGER Files

Map Scale and Site Locations are Approximate

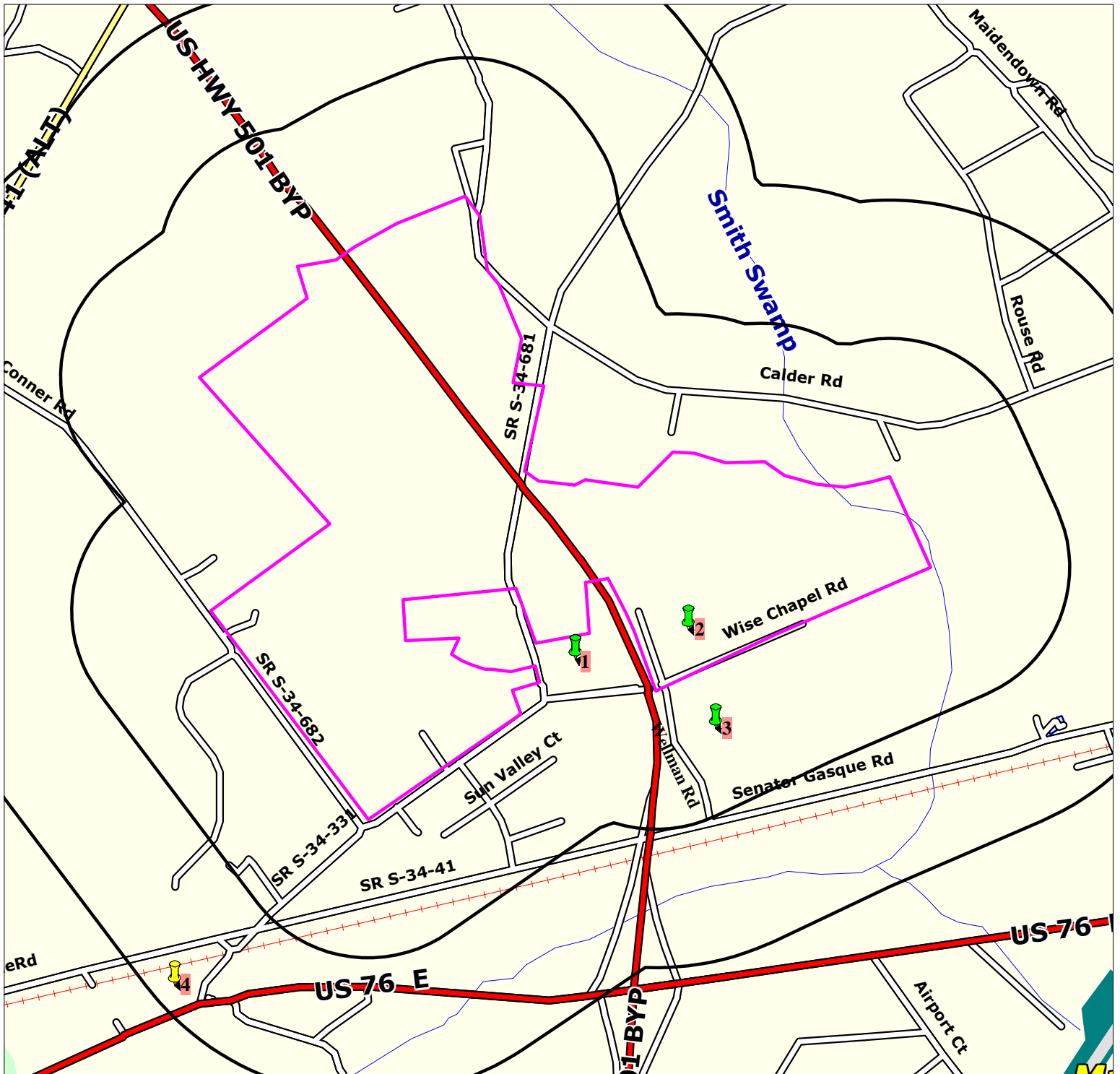
Subject Property

Marion County Industrial Park
 North of US 76 and US 501
 Marion County, South Carolina

EDM Job No: 21272
 March 16, 2012

 Approximate Site Boundary

-  NPL, STNPL, CORRACTS, TSD, RODS
RAATS & sites - 1 Mile Radius
-  CERCLIS, NFRAP, STCERC, SLDWST,
LUST, BRWNFLDS, VOLCLNUP
& DRY sites - 1/2 Mile Radius
-  ERNS, NONTSD, TANKS, SPILLS,
INSTENG, BRS, PADS, PCS, TRIS
& FRS sites - 1/4 Mile Radius




Source: US Census Bureau TIGER Files

Map Scale and Site Locations are Approximate

Subject Property

Marion County Industrial Park
North of US 76 and US 501
Marion County, South Carolina

EDM Job No: 21272
March 16, 2012

 Approximate Site Boundary



NPL, STNPL, CORRACTS, TSD, RODS
RAATS & sites - 1 Mile Radius



CERCLIS, NFRAP, STCERC, SLDWST,
LUST, BRWNFLDS, VOLCLNUP
& DRY sites - 1/2 Mile Radius



ERNS, NONTSD, TANKS, SPILLS,
INSTENG, BRS, PADS, PCS, TRIS
& FRS sites - 1/4 Mile Radius




Source: Natl Agriculture Imagery Program (NAIP)

Map Scale and Site Locations are Approximate

Subject Property

Marion County Industrial Park
North of US 76 and US 501
Marion County, South Carolina

EDM Job No: 21272
March 16, 2012

 **Approximate Site Boundary**



NPL, STNPL, CORRACTS, TSD, RODS
RAATS & sites - 1 Mile Radius



CERCLIS, NFRAP, STCERC, SLDWST,
LUST, BRWNFLDS, VOLCLNUP
& DRY sites - 1/2 Mile Radius



ERNS, NONTSD, TANKS, SPILLS,
INSTENG, BRS, PADS, PCS, TRIS
& FRS sites - 1/4 Mile Radius

ENVIRONMENTAL DATA MANAGEMENT

Comprehensive ASTM Research

Report Date: 3/16/2012

SUMMARY TABLE

Page 1 of 1

		REGULATORY LISTS																												
MAPID# FAC ID, NAME AND LOCATION		N P L	C P E R C L I S	N F R A P	E R N S	C O R R A C T S	T O S D	N O N T S D	T R I B U T A N K S	T R I B U T A N K S	U S I N G F I E L D S	U S I N G F I E L D S	S T R I P T	S L D W S T	L U S T	T A N K S	B R W N F L D S	V O L C L N U P	D R Y	S P I L L S	I N S T E N G	R O D S	R A T S	B R S	P A D S	P C R S	F C R S	T R I S		
1)	110017177259 Dist/Dir: 0.3 S PEE DEE ELECTRIC COOP INC US 501 BYPASS AT S 34 331 MARION, SC. 29571																													X
1)	17468 Dist/Dir: 0.3 S PEE DEE ELECTRIC COOP INC 1811 US 501 BYPASS MARION, SC. 29571																X													
2)	110012164923 Dist/Dir: 0.3 SE ROAD RESCUE INC 2205 WISE CHAPEL ROAD MARION, SC. 29571																													X
2)	110016712379 Dist/Dir: 0.3 SE ROAD RESCUE INC 2914 SPARTAN PLACE MARION, SC. 29571																													X
2)	SCR000765222 Dist/Dir: 0.3 SE ROAD RESCUE INC 2914 SPARTAN PLACE MARION, SC. 29571							X																						
3)	110007836725 Dist/Dir: 0.5 SE KRP INDUSTRIES INC-MARION 501 BYPASS & SC 34-41 MARION, SC. 29571																													X
3)	110008551067 Dist/Dir: 0.5 SE WELLMAN INCORPORATED - MARION PLANT HIGHWAY 76 & 501 BYPASS MARION, SC. 29571																													X
3)	110009806166 Dist/Dir: 0.5 SE WELLMAN INC SC , SC.																													X
3)	110031245837 Dist/Dir: 0.5 SE WELLMAN INC MARION PLANT-CLOSED MARION INDUSTRIAL PARK MARION, SC. 29571																													X
3)	110038799431 Dist/Dir: 0.5 SE WELLMAN INC MARION PLANT-CLOSED MARION INDUSTRIAL PARK MARION, SC. 29571																													X
3)	SC0000824912 Dist/Dir: 0.5 SE WELLMAN IND MARION IND PARK MARION, SC. 29555																													X
3)	SCD987584752 Dist/Dir: 0.5 SE KRP IND INC-MARION HWY 501 BYPASS & SC 34-41 MARION, SC. 29571							X																						X
3)	SCD987596178 Dist/Dir: 0.5 SE WELLMAN INC MARION PLANT 501 BY PASS N & SC 34 41 MARION, SC. 29571							X																						X
3)	SCR000884 Dist/Dir: 0.5 SE WELLMAN INC SC , SC.																													X
4)	18510 Dist/Dir: 1.1 S ESTATE OF D LEGRANT BRYANT 2596 E HWY 76 MARION, SC.															X														



SCDHEC COMPREHENSIVE UNDERGROUND STORAGE TANKS LIST (TANKS)

Report Date: 3/16/2012
11:31:54 AM

TANKS Page 1 of 1

FACILITY ID NUMBER, NAME AND LOCATION

17468
PEE DEE ELECTRIC COOP INC
1811 US 501 BYPASS
MARION, SC 29571

OWNERSHIP INFORMATION

PEE DEE ELECTRIC COOP INC
1355 E MCIVER RD
DARLINGTON SC 29540
843-665-4070
CON: MITCHELL DAVIS

MAP ID NUMBER

Dist (Miles): 0.28
Direction: S

1

T
A
N
K
S

CON TEL: 843-292-4430

TANK DETAIL

TANK #:	TANK CAP (GALS):	CALC AGE:	CONTENTS:	TANK STATUS:
1	12000	0	REGULAR UNLEADED	CURRENTLY IN USE
2	6000	0	DIESEL FUEL	CURRENTLY IN USE

USEPA FACILITY REGISTRY SYSTEM

(FRS)

Report Date: 3/16/2012
11:31:56 AM

FRS Page 1 of 1

FACILITY ID NUMBER, NAME AND LOCATION

MAP ID NUMBER:

110017177259
PEE DEE ELECTRIC COOP INC
US 501 BYPASS AT S 34 331
MARION, SC 29571

Dist (Miles): 0.28
Direction: S

1

FRS

Program ID No SC0000065373 **EPA Program** SC-EFIS South Carolina - Environmental Facility Information System
Program Source SC-EFIS **Interest Type:** STATE MASTER
Fed Fac? **Fed Agcy:** **Tribal Fac?** **Tribal Agcy:**
Interest Start
Interest End
Last Rptd: **Fac Active?**

Program ID No 110017177259 **EPA Program** FRS Facility Registry System
Program Source SC-EFIS **Interest Type:**
Fed Fac? **Fed Agcy:** **Tribal Fac?** N **Tribal Agcy:**
Interest Start
Interest End
Last Rptd: **Fac Active?**

USEPA RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM (RCRIS)

(NONTSD)

Report Date: 3/16/2012

NONTSD Page 1 of 2

FACILITY ID NUMBER, NAME AND LOCATION

SCR000765222
ROAD RESCUE INC
2914 SPARTAN PLACE
MARION, SC 29571

CONTACT INFORMATION:

2914 SPARTAN PLACE
MARION SC 29571
Contact DAVID MARKHAM
Contact Telephone 8436762900
Contact Email:

MAP ID NUMBER:

Dist (Miles): 0.32
Direction: SE

2

N
O
N
T
S
D

RCRIS INFORMATION

NOTIFICATION DATE 12/30/2010 SOURCE: NOTIFICATION

GEN STATUS(Fed) NOT A GENERATOR-VERIFIED
GEN STATUS(State) NOT A GENERATOR-VERIFIED
TRANSPORTER?: NOT A TRANSPORTER,VERIFIED
TSD?: NOT A TSD,VERIFIED
NON-NOTIFIER?:
RECYCLER?: N

ON SITE BURNER?: N
FURNACE?: N
UNDGRND INJ?: NO UNDERGROUND INJECT
XFER FAC?: N
UO BURNER?: N
UO PROC?: N
UO RECY?: N
UO TRANS? N
UO XFER?: N

NOTIFICATION DATE 3/25/2010 SOURCE: NOTIFICATION

GEN STATUS(Fed) SMALL QUANTITY GENERATOR(<1000 KG PER MONTH)
GEN STATUS(State) SMALL QUANTITY GENERATOR(<1000 KG PER MONTH)
TRANSPORTER?: NOT A TRANSPORTER,VERIFIED
TSD?: NOT A TSD,VERIFIED
NON-NOTIFIER?:
RECYCLER?: N

ON SITE BURNER?: N
FURNACE?: N
UNDGRND INJ?: NO UNDERGROUND INJECT
XFER FAC?: N
UO BURNER?: N
UO PROC?: N
UO RECY?: N
UO TRANS? N
UO XFER?: N

NOTIFICATION DATE 2/8/2010 SOURCE: NOTIFICATION

GEN STATUS(Fed) SMALL QUANTITY GENERATOR(<1000 KG PER MONTH)
GEN STATUS(State) SMALL QUANTITY GENERATOR(<1000 KG PER MONTH)
TRANSPORTER?: NOT A TRANSPORTER,VERIFIED
TSD?: NOT A TSD,VERIFIED
NON-NOTIFIER?:
RECYCLER?: N

ON SITE BURNER?: N
FURNACE?: N
UNDGRND INJ?: NO UNDERGROUND INJECT
XFER FAC?: N
UO BURNER?: N
UO PROC?: N
UO RECY?: N
UO TRANS? N
UO XFER?: N

NOTIFICATION DATE 3/3/2009 SOURCE: NOTIFICATION

GEN STATUS(Fed) SMALL QUANTITY GENERATOR(<1000 KG PER MONTH)
GEN STATUS(State) SMALL QUANTITY GENERATOR(<1000 KG PER MONTH)
TRANSPORTER?: NOT A TRANSPORTER,VERIFIED
TSD?: NOT A TSD,VERIFIED
NON-NOTIFIER?:
RECYCLER?: N

ON SITE BURNER?: N
FURNACE?: N
UNDGRND INJ?: NO UNDERGROUND INJECT
XFER FAC?: N
UO BURNER?: N
UO PROC?: N
UO RECY?: N
UO TRANS? N
UO XFER?: N

NOTIFICATION DATE 4/21/2008 SOURCE: NOTIFICATION

GEN STATUS(Fed) SMALL QUANTITY GENERATOR(<1000 KG PER MONTH)
GEN STATUS(State) SMALL QUANTITY GENERATOR(<1000 KG PER MONTH)
TRANSPORTER?: NOT A TRANSPORTER,VERIFIED
TSD?: NOT A TSD,VERIFIED
NON-NOTIFIER?:
RECYCLER?: N

ON SITE BURNER?: N
FURNACE?: N
UNDGRND INJ?: NO UNDERGROUND INJECT
XFER FAC?: N
UO BURNER?: N
UO PROC?: N
UO RECY?: N
UO TRANS? N
UO XFER?: N

USEPA RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM (RCRIS)

(NONTSD)

Report Date: 3/16/2012

NONTSD Page 2 of 2

NOTIFICATION DATE 7/2/2007 **SOURCE:** NOTIFICATION
GEN STATUS(Fed) SMALL QUANTITY GENERATOR(<1000 KG PER MONTH)
GEN STATUS(State) SMALL QUANTITY GENERATOR(<1000 KG PER MONTH)
TRANSPORTER?: NOT A TRANSPORTER,VERIFIED
TSD?: NOT A TSD,VERIFIED
NON-NOTIFIER?:
RECYCLER?: N

ON SITE BURNER?: N
FURNACE?: N
UNDGRND INJ?: NO UNDERGROUND INJECT
XFER FAC?: N
UO BURNER?: N
UO PROC?: N
UO RECY?: N
UO TRANS?: N
UO XFER?: N

NOTIFICATION DATE 1/23/2004 **SOURCE:** NOTIFICATION
GEN STATUS(Fed) SMALL QUANTITY GENERATOR(<1000 KG PER MONTH)
GEN STATUS(State) SMALL QUANTITY GENERATOR(<1000 KG PER MONTH)
TRANSPORTER?: NOT A TRANSPORTER,VERIFIED
TSD?: NOT A TSD,VERIFIED
NON-NOTIFIER?:
RECYCLER?: N

ON SITE BURNER?: N
FURNACE?: N
UNDGRND INJ?: NO UNDERGROUND INJECT
XFER FAC?: N
UO BURNER?: N
UO PROC?: N
UO RECY?: N
UO TRANS?: N
UO XFER?: N

VIOLATION INFO

<p>Eval Date: 12/10/2004 Viol Date: 12/10/2004 Enf Date: 12/13/2004</p>	<p>Eval Agcy: STATE Viol Agcy: STATE Enf Agcy: STATE</p>	<p>Eval Type Descr: COMPLIANCE EVALUATION INSPECTION ON-SITE Enf Type Descr: Lead Agcy:</p>	
<p>Viol Type: 262.C Generators - Pre-transport</p>	<p>Citation:</p>	<p>Compl Date: 02/02/2005</p>	
<p>Viol Type: 262.A Generators - General</p>	<p>Citation:</p>	<p>Compl Date: 02/02/2005</p>	
<p>Viol Type: 262.A Generators - General</p>	<p>Citation:</p>	<p>Compl Date: 02/02/2005</p>	
<p>Eval Date: 11/29/2006 Viol Date: 09/19/2006 Enf Date: 10/17/2006</p>	<p>Eval Agcy: STATE Viol Agcy: STATE Enf Agcy: STATE</p>	<p>Eval Type Descr: COMPLIANCE SCHEDULE EVALUATION Enf Type Descr: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION Lead Agcy:</p>	
<p>Viol Type: 262.D Generators - Records/Reporting</p>	<p>Citation:</p>	<p>Compl Date: 11/29/2006</p>	
<p>Eval Date: 09/19/2006 Viol Date: 09/19/2006 Enf Date:</p>	<p>Eval Agcy: STATE Viol Agcy: STATE Enf Agcy:</p>	<p>Eval Type Descr: COMPLIANCE EVALUATION INSPECTION ON-SITE Enf Type Descr: Lead Agcy:</p>	
<p>Viol Type: 264.H TSD - Financial Requirements</p>	<p>Citation:</p>	<p>Compl Date: 09/19/2006</p>	
<p>Viol Type: 264.H TSD - Financial Requirements</p>	<p>Citation:</p>	<p>Compl Date: 09/19/2006</p>	
<p>Viol Type: 262.D Generators - Records/Reporting</p>	<p>Citation:</p>	<p>Compl Date: 11/29/2006</p>	
<p>Viol Type: 265.I TSD IS-Container Use and Management</p>	<p>Citation:</p>	<p>Compl Date: 09/19/2006</p>	

USEPA FACILITY REGISTRY SYSTEM

(FRS)

Report Date: 3/16/2012
11:31:59 AM

FRS Page 1 of 2

FACILITY ID NUMBER, NAME AND LOCATION

MAP ID NUMBER:

2

FRS

110012164923
ROAD RESCUE INC
2205 WISE CHAPEL ROAD
MARION, SC 29571

Dist (Miles): 0.32
Direction: SE

Program ID No SC0000104861 EPA Program SC-EFIS South Carolina - Environmental Facility Information System
Program Source SC-EFIS Interest Type: STATE MASTER
Fed Fac? Fed Agcy: Tribal Fac? Tribal Agcy:
Interest Start
Interest End
Last Rptd: Fac Active?

Program ID No 4506700040 EPA Program AIRS/AFS Aerometric Information Retrieval System/AIRS FacilitySubsystem
Program Source AIRS/AFS Interest Type: AIR MINOR
Fed Fac? Fed Agcy: Tribal Fac? Tribal Agcy:
Interest Start
Interest End
Last Rptd: 09-MAR-11 Fac Active? No

Program ID No 110012164923 EPA Program FRS Facility Registry System
Program Source FRS Interest Type:
Fed Fac? Fed Agcy: Tribal Fac? N Tribal Agcy:
Interest Start
Interest End
Last Rptd: Fac Active?

FACILITY ID NUMBER, NAME AND LOCATION

MAP ID NUMBER:

2

FRS

110016712379
ROAD RESCUE INC
2914 SPARTAN PLACE
MARION, SC 29571

Dist (Miles): 0.32
Direction: SE

Program ID No SCR000765222 EPA Program RCRAINF Resource Conservation and Recovery Act Information
Program Source RCRAINFO Interest Type: UNSPECIFIED UNIVERSE
Fed Fac? Fed Agcy: Tribal Fac? Tribal Agcy:
Interest Start 23-JAN-04 FIRST NOTIFICATION DATE
Interest End
Last Rptd: 11-JAN-11 Fac Active? No

Program ID No SC0000187755 EPA Program SC-EFIS South Carolina - Environmental Facility Information System
Program Source SC-EFIS Interest Type: STATE MASTER
Fed Fac? Fed Agcy: Tribal Fac? Tribal Agcy:
Interest Start
Interest End
Last Rptd: Fac Active?

USEPA FACILITY REGISTRY SYSTEM

(FRS)

Report Date: 3/16/2012
11:31:59 AM

FRS Page 2 of 2

Program ID No	110016712379	EPA Program	FRS	Facility Registry System
Program Source	RCRAINFO	Interest Type:		
Fed Fac?	Fed Agcy:	Tribal Fac?	N	Tribal Agcy:
Interest Start				
Interest End				
Last Rptd:	Fac Active?			

USEPA RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM (RCRIS)

(NONTSD)

Report Date: 3/16/2012

NONTSD Page 1 of 2

FACILITY ID NUMBER, NAME AND LOCATION

SCD987584752
KRP INDUSTRIES INC-MARION
501 BYPASS & SC 34-41
MARION, SC 29571

CONTACT INFORMATION:

Contact
Contact Telephone
Contact Email:

MAP ID NUMBER:

Dist (Miles): 0.49
Direction: SE

3

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RCRIS INFORMATION

NOTIFICATION DATE 3/27/2002 SOURCE: NOTIFICATION

GEN STATUS(Fed) NOT A GENERATOR-VERIFIED
GEN STATUS(State) NOT A GENERATOR-VERIFIED
TRANSPORTER?: NOT A TRANSPORTER,VERIFIED
TSD?: NOT A TSD,VERIFIED
NON-NOTIFIER?:
RECYCLER?: N

ON SITE BURNER?: N
FURNACE?: N
UNDGRND INJ?: NO UNDERGROUND INJECT
XFER FAC?: N
UO BURNER?: N
UO PROC?: N
UO RECY?: N
UO TRANS? N
UO XFER?: N

NOTIFICATION DATE 12/16/1991 SOURCE: NOTIFICATION

GEN STATUS(Fed) CONDITIONALLY EXEMPT SQG(<100 KG PER MONTH)
GEN STATUS(State)
TRANSPORTER?: NOT A TRANSPORTER,VERIFIED
TSD?: NOT A TSD,VERIFIED
NON-NOTIFIER?:
RECYCLER?: N

ON SITE BURNER?: N
FURNACE?: N
UNDGRND INJ?: NO UNDERGROUND INJECT
XFER FAC?: N
UO BURNER?: N
UO PROC?: N
UO RECY?: N
UO TRANS? N
UO XFER?: N

VIOLATION INFO

FACILITY ID NUMBER, NAME AND LOCATION

SCD987596178
WELLMAN INC MARION PLANT
501 BY PASS N & SC 34 41
MARION, SC 29571

CONTACT INFORMATION:

PO BOX 846
MARION SC 29571
Contact TIM SMITH
Contact Telephone 8034238154
Contact Email:

MAP ID NUMBER:

Dist (Miles): 0.49
Direction: SE

3

N
O
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D

RCRIS INFORMATION

NOTIFICATION DATE 3/3/1997 SOURCE: NOTIFICATION

GEN STATUS(Fed) CONDITIONALLY EXEMPT SQG(<100 KG PER MONTH)
GEN STATUS(State)
TRANSPORTER?: NOT A TRANSPORTER,VERIFIED
TSD?: NOT A TSD,VERIFIED
NON-NOTIFIER?:
RECYCLER?: N

ON SITE BURNER?: N
FURNACE?: N
UNDGRND INJ?: NO UNDERGROUND INJECT
XFER FAC?: N
UO BURNER?: N
UO PROC?: N
UO RECY?: N
UO TRANS? N
UO XFER?: N

VIOLATION INFO

EDM

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USEPA Permit Compliance System

(PCS)

Report Date: 3/16/2012
11:32:03 AM

PCS Page 1 of 1

FACILITY ID NUMBER, NAME AND LOCATION

SCR000884
WELLMAN INC
SC
, SC

MAP ID NUMBER:

Dist (Miles): 0.49
Direction: SE

3

PCS

Facility Type:	Activity Status:	Discharge Status:	Permit Type:	Permit Expiration:	SIC Description:
INDUSTRIAL	ACTIVE	MINOR	STORMWATER GENERAL	12/25/2010	2299 TEXTILE GOODS, NEC

INSPECTION

VIOLATION

ENFORCEMENT

USEPA FACILITY REGISTRY SYSTEM

(FRS)

Report Date: 3/16/2012
11:32:05 AM

FRS Page 1 of 4

FACILITY ID NUMBER, NAME AND LOCATION

MAP ID NUMBER:

110007836725
KRP INDUSTRIES INC-MARION
501 BYPASS & SC 34-41
MARION, SC 29571

Dist (Miles): 0.49
Direction: SE

3

FRS

Program ID No SCD987584752 EPA Program RCRAINF Resource Conservation and Recovery Act Information
Program Source RCRAINFO Interest Type: UNSPECIFIED UNIVERSE
Fed Fac? Fed Agcy: Tribal Fac? Tribal Agcy:
Interest Start 16-DEC-91 FIRST NOTIFICATION DATE
Interest End
Last Rptd: 06-MAY-02 Fac Active? No

Program ID No SC0000011999 EPA Program SC-EFIS South Carolina - Environmental Facility Information System
Program Source SC-EFIS Interest Type: STATE MASTER
Fed Fac? Fed Agcy: Tribal Fac? Tribal Agcy:
Interest Start
Interest End
Last Rptd: Fac Active?

Program ID No 110007836725 EPA Program FRS Facility Registry System
Program Source FRS Interest Type:
Fed Fac? Fed Agcy: Tribal Fac? N Tribal Agcy:
Interest Start
Interest End
Last Rptd: Fac Active?

FACILITY ID NUMBER, NAME AND LOCATION

MAP ID NUMBER:

110008551067
WELLMAN INCORPORATED - MARION PLANT
HIGHWAY 76 & 501 BYPASS
MARION, SC 29571

Dist (Miles): 0.49
Direction: SE

3

FRS

Program ID No SCD987596178 EPA Program RCRAINF Resource Conservation and Recovery Act Information
Program Source NOTIFICATION (RCRA) Interest Type: CESQG
Fed Fac? Fed Agcy: Tribal Fac? Tribal Agcy:
Interest Start 03-MAR-97 FIRST NOTIFICATION DATE
Interest End
Last Rptd: 02-SEP-00 Fac Active? Yes

Program ID No SC0000001968 EPA Program SC-EFIS South Carolina - Environmental Facility Information System
Program Source SC-EFIS Interest Type: STATE MASTER
Fed Fac? Fed Agcy: Tribal Fac? Tribal Agcy:
Interest Start
Interest End
Last Rptd: Fac Active?

USEPA FACILITY REGISTRY SYSTEM

(FRS)

Report Date: 3/16/2012
11:32:05 AM

FRS Page 2 of 4

Program ID No 110008551067 **EPA Program** FRS Facility Registry System
Program Source FRS **Interest Type:**
Fed Fac? **Fed Agcy:** **Tribal Fac?** N **Tribal Agcy:**
Interest Start
Interest End
Last Rptd: **Fac Active?**

FACILITY ID NUMBER, NAME AND LOCATION

110009806166
WELLMAN INC
SC
, SC

MAP ID NUMBER:

Dist (Miles): 0.49
Direction: SE

3

FRS

Program ID No SCR000884 **EPA Program** PCS Permit Compliance System
Program Source NPDES PERMIT **Interest Type:** NPDES NON-MAJOR
Fed Fac? **Fed Agcy:** **Tribal Fac?** **Tribal Agcy:**
Interest Start 13-SEP-93 ORIGINAL PERMIT ISSUE DATE
Interest End
Last Rptd: 13-SEP-93 **Fac Active?**

Program ID No 110009806166 **EPA Program** FRS Facility Registry System
Program Source FRS **Interest Type:**
Fed Fac? **Fed Agcy:** **Tribal Fac?** N **Tribal Agcy:**
Interest Start
Interest End
Last Rptd: **Fac Active?**

FACILITY ID NUMBER, NAME AND LOCATION

110031245837 --HISTORICAL ENTRY--
WELLMAN INC MARION PLANT-CLOSED
MARION INDUSTRIAL PARK
MARION, SC 29571

MAP ID NUMBER:

Dist (Miles): 0.49
Direction: SE

3

FRS

Program ID No 4506700032 **EPA Program** AIRS/AFS Aerometric Information Retrieval System/AIRS FacilitySubsystem
Program Source AIRS/AFS **Interest Type:**
Fed Fac? **Fed Agcy:** **Tribal Fac?** **Tribal Agcy:**
Interest Start
Interest End
Last Rptd: **Fac Active?**

Program ID No 110031245837 **EPA Program** FRS Facility Registry System
Program Source AIRS/AFS **Interest Type:**
Fed Fac? **Fed Agcy:** **Tribal Fac?** **Tribal Agcy:**
Interest Start
Interest End
Last Rptd: **Fac Active?**

USEPA FACILITY REGISTRY SYSTEM

(FRS)

Report Date: 3/16/2012
11:32:05 AM

FRS Page 3 of 4

FACILITY ID NUMBER, NAME AND LOCATION

110038799431
WELLMAN INC MARION PLANT-CLOSED
MARION INDUSTRIAL PARK
MARION, SC 29571

MAP ID NUMBER:

Dist (Miles): 0.49
Direction: SE

3

FRS

Program ID No 4506700032 **EPA Program** AIRS/AFS Aerometric Information Retrieval System/AIRS FacilitySubsystem
Program Source AIRS/AFS **Interest Type:** AIR MINOR
Fed Fac? **Fed Agcy:** **Tribal Fac?** **Tribal Agcy:**
Interest Start
Interest End
Last Rptd: 15-SEP-10 **Fac Active?** No

FACILITY ID NUMBER, NAME AND LOCATION

SC0000824912 --HISTORICAL ENTRY--
WELLMAN IND
MARION IND PARK
MARION, SC 29555

MAP ID NUMBER:

Dist (Miles): 0.49
Direction: SE

3

FRS

Program ID No SC0000824912 **EPA Program** AFS AIRS Facility Subsystem
Program Source
Fed Fac? **Fed Agcy:** **Tribal Fac?** **Tribal Agcy:**
Interest Start
Interest End
Last Rptd: **Fac Active?**

FACILITY ID NUMBER, NAME AND LOCATION

SCD987584752 --HISTORICAL ENTRY--
KRP IND INC-MARION
HWY 501 BYPASS & SC 34-41
MARION, SC 29571

MAP ID NUMBER:

Dist (Miles): 0.49
Direction: SE

3

FRS

Program ID No SCD987584752 **EPA Program** RCRIS Resource Conservation and Recovery Information System
Program Source
Fed Fac? **Fed Agcy:** **Tribal Fac?** **Tribal Agcy:**
Interest Start
Interest End
Last Rptd: **Fac Active?**

USEPA FACILITY REGISTRY SYSTEM

(FRS)

Report Date: 3/16/2012
11:32:05 AM

FRS Page 4 of 4

FACILITY ID NUMBER, NAME AND LOCATION

MAP ID NUMBER:

SCD987596178 --HISTORICAL ENTRY--
WELLMAN INC MARION PLT
501 BY PASS N & SC 34-41
MARION, SC 29571

Dist (Miles): 0.49
Direction: SE

3

FRS

Program ID No SCD987596178 **EPA Program** RCRIS Resource Conservation and Recovery Information System
Program Source
Fed Fac? **Fed Agcy:** **Tribal Fac?** **Tribal Agcy:**
Interest Start
Interest End
Last Rptd: **Fac Active?**

SCDHEC CONFIRMED RELEASE REPORT

(LUST)

Report Date: 3/16/2012

LUST Page 1 of 1

FACILITY ID NUMBER, NAME AND LOCATION

18510
ESTATE OF D LEGRANT BRYANT
2596 E HWY 76
MARION, SC 29

MAP ID NUMBER

4

Dist (Miles): 1.12
Direction: SW

L
U
S
T

Tank Owner

ESTATE OF D LEGRANT BRYANT

PROJ MGR: MILENKMP

REL ID: 1 **REL RPTD:** 11/22/1999 **REL CONF:** 11/23/1999 **SUBST:** PETRO **SCORE:**
PRIORITY RANK: 3BF **STATUS:** 1 **NFA DATE:** 9/22/2003

LUST ADDENDUM REPORT -- TANK DATA DETAIL

The following is the TANKS data associated with LUST sites that were mapped **outside** of the ¼ TANKS query criteria.

(TANKS)

Report Date: 3/16/2012
11:32:07 AM

TANKS Page 1 of 1

FACILITY ID NUMBER, NAME AND LOCATION

18510
ESTATE OF D LEGRANT BRYANT
2596 E HWY 76
MARION, SC 29

OWNERSHIP INFORMATION

ESTATE OF D LEGRAND BRYANT
199 GUYTON RD
MARION SC
843-423-9453
CON: SLYVIA RHODES
CON TEL:

MAP ID NUMBER

Dist (Miles): 1.12
Direction: SW

4

T
A
N
K
S

TANK DETAIL

TANK #:	TANK CAP(GALS):	CALC AGE:	CONTENTS:	TANK STATUS:
1	800		GASOLINE	ABANDONED

PROXIMAL RECORDS TABLE

Report Date: 3/16/2012

The Proximal Records Table includes mapped facilities that appear outside of the study area, but in the proximity of the research boundary. They are provided in a summary fashion to allow one to determine potential interest.

Generally, these sites may be of potential interest for three reasons:

- 1.) The location occurs so close to the research boundary that it merits inclusion in the evaluation.
- 2.) The site may be expansive with regard to the property boundary. The physical address of a landfill for example may occur outside of the research boundary, but the landfill boundary may extend into the research area. Large industrial complexes may also fall into this category.
- 3.) The U.S. Census Bureau data, from which our maps are created, is not always precise with regard to address information. A facility may therefore appear on the map outside of the research area, but actually fall within the research area. These inaccuracies are typically less than 500 feet. If you observe any such inaccuracies, we ask that you please notify us of the more precise location and we will use this information to improve our product.

If more specific information relative to one or more locations included in the Proximal Records Table is desired, please feel free to contact us and we will send you this information as an addendum to this report.

ENVIRONMENTAL DATA MANAGEMENT

Comprehensive ASTM Research

Report Date: 3/16/2012

PROXIMAL RECORDS TABLE

Page 1 of 1

REGULATORY LISTS

	N P L	C E R C L I S	N F R A P	E F R N S	C O R R A C T S	T O N T S D	T R I B L T A N K S	T R I B L L U S T N G	U S I N S T R W N F L D S	U S T N P L	S L D W S T	L U S T	T A N K S	B R W N F L D S	V O L C L N U P	D R Y	S P I L L S	I N S T E N G	R O A D S	R A T S	B R A S	P A D S	P C R S	F C R S	T R I S	
MAPID# FAC ID, NAME AND LOCATION 1A) 15910 Dist/Dir: 1.0 SE MARION COUNTY TECHNICAL EDUCATI HWY 76 PO BOX 890 MARION, SC.												X														

NONMAPPED RECORDS TABLE

Report Date: 3/16/2012

The Non-Mapped Records Table is a listing of database records that lack sufficient address information to be placed within our mapping system, but may exist within your study area. These records have been manually screened to determine whether they could likely fall within the study area or can be conclusively identified as existing outside of the study area. Those records that could be located within the study area, but cannot be plotted within our GIS, are displayed in the Non-Mapped Records Table within this report.

If more specific information relative to one or more locations included in the Non-Mapped Records Table is desired, please feel free to contact us and we will send you this information as an addendum to this report.

NONMAPPED RECORDS

ENVIRONMENTAL DATA MANAGEMENT

Comprehensive ASTM Research

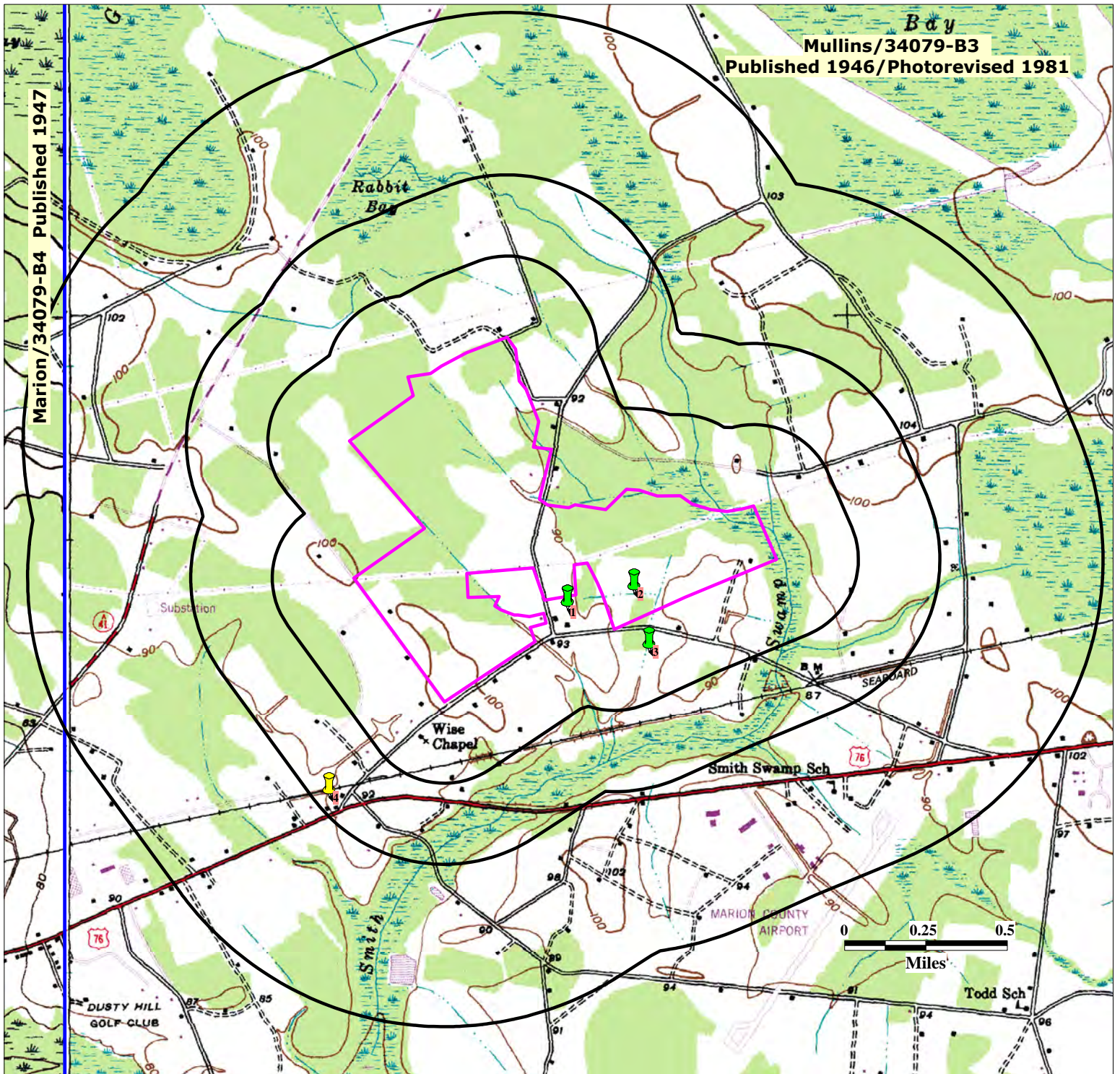
NON-MAPPED RECORDS TABLE

Report Date: 3/16/2012

Page 1 of 1

REGULATORY LISTS

MAPID# FAC ID, NAME AND LOCATION	N P L	C P E R C L I S	N F R A P	E R N S	C O R R A C T S	T S O R D	N O N T S D	T R I B U T A N K S	T R I B U T L U S T	U S I N S T E N G	U S I N S T R W N F L D S	S T N P L	S L D W S T	L U S T	T A R N K S	B R W N F L D S	V O L C L N U P	D R Y	S P I L L S	I N S T E N G	R O A D S	R A I L S	B A R S	P A D S	P C R S	F C R S	T R I S		
15221 HIGHWAY 76 PROPERTY HIGHWAY 76 MARION, SC.															X														
16568 BLUMENTHAL MILLS P O DRAWER 1179 MARION, SC. 29571															X														
06187 THOMAS SUPPLY CO PO BOX 610 MARION, SC. 29571															X														
110016964739 THOMAS SUPPLY CO PO BOX 610 E HWY 76 MARION, SC. 29571																												X	
06215 T C POWERS GROCERY RT 1 MARION, SC.														X	X														
110017296585 T C POWERS GROCERY RT 1 MARION, SC. 29571																												X	
110017192205 B&W COUNTRY CONVENIENCE STORE RT 1 BOX 331 MARION, SC. 29571																												X	
15573 B&W COUNTRY CONVENIENCE STORE RT 1 PO BOX 331 MARION, SC.														X	X														
110017296460 B&M ENTERPRISE RT 5 BOX 300 HWY 41A N MARION, SC. 29571																												X	
06241 B&M ENTERPRISE RT 5 PO BOX 300 HWY 41A N MARION, SC. 29571														X	X														
15276 *MARION TOWN CENTER US HIGHWAY 76 MARION, SC.															X														



Source: USGS Digital Raster Graphic (DRG)

Map Scale and Site Locations are Approximate

Subject Property

Marion County Industrial Park
North of US 76 and US 501
Marion County, South Carolina

EDM Job No: 21272
March 16, 2012

Approximate Site Boundary



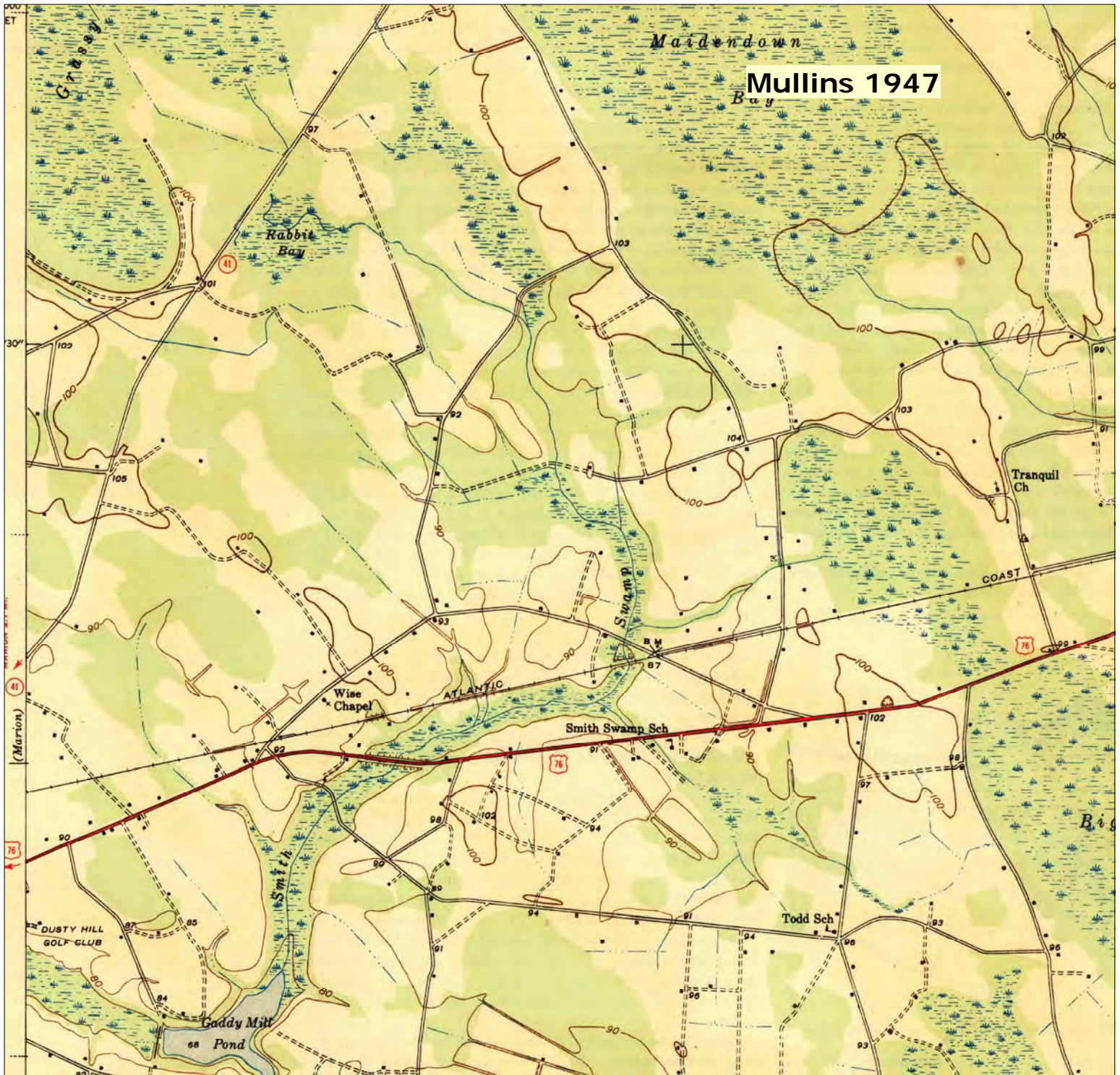
NPL, STNPL, CORRACTS, TSD, RODS
RAATS & sites - 1 Mile Radius



CERCLIS, NFRAP, STCERC, SLDWST,
LUST, BRWNFLDS, VOLCLNUP
& DRY sites - 1/2 Mile Radius



ERNS, NONTSD, TANKS, SPILLS,
INSTENG, BRS, PADS, PCS, TRIS
& FRS sites - 1/4 Mile Radius




Source: US Geological Survey

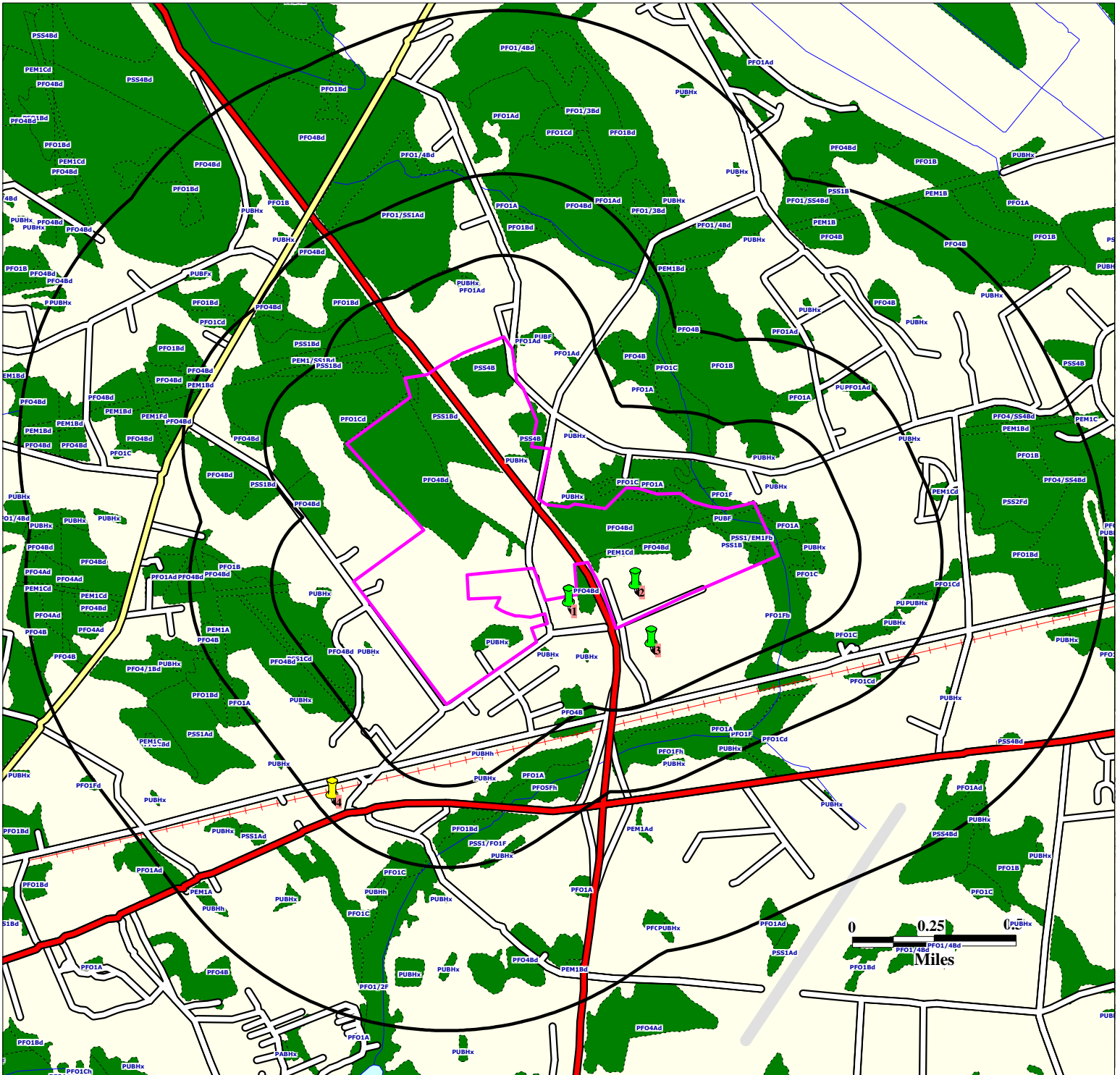
Map Scale and Site Locations are Approximate

Subject Property

Marion County Industrial Park
North of US 76 and US 501
Marion County, South Carolina

 **Approximate Site Boundary**

EDM Job No: 21272
March 16, 2012



Source: US Fish & Wildlife Svc Natl Wetlands Inventory, US FEMA Q3 Flood Data

Map Scale and Site Locations are Approximate

Subject Property

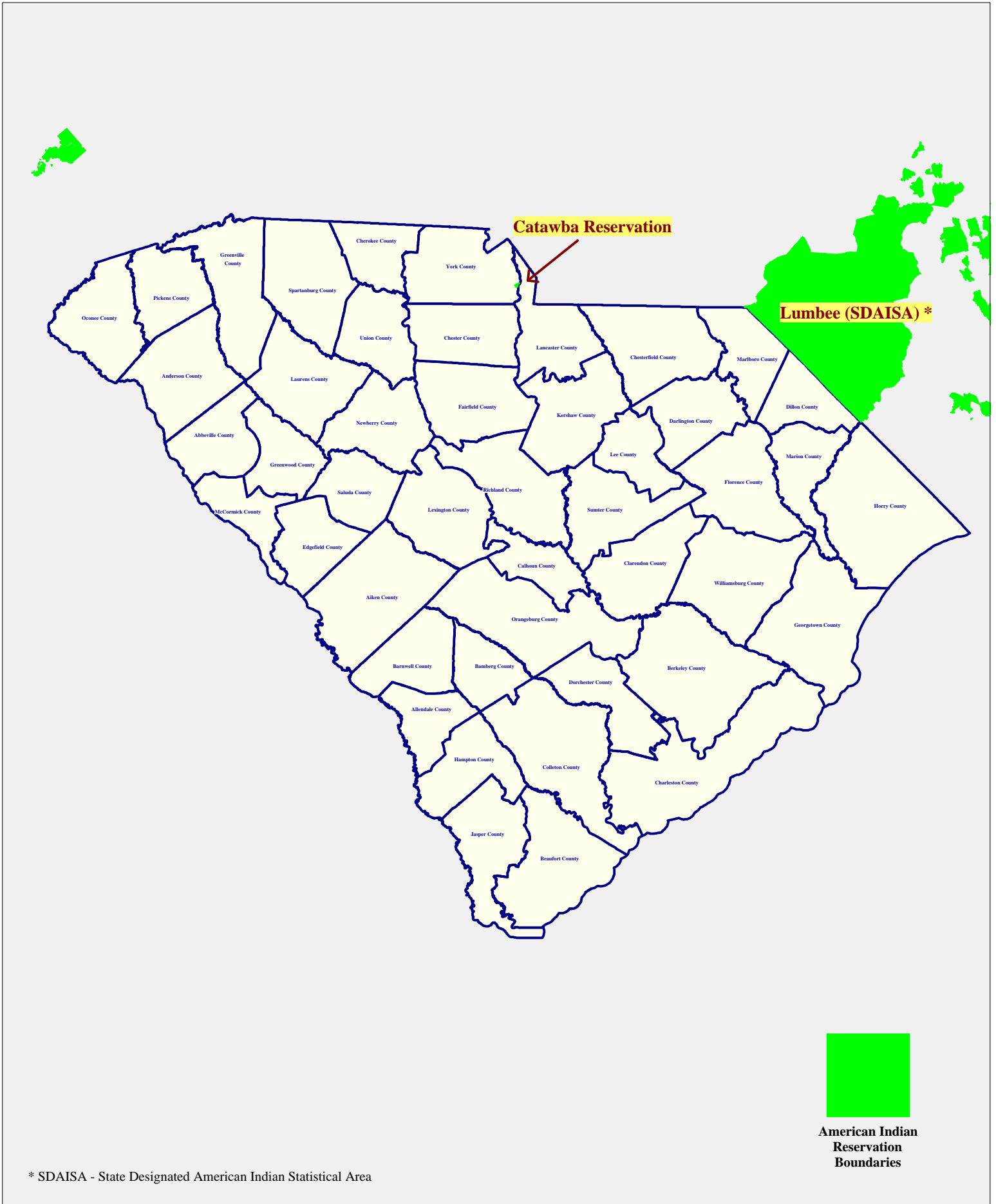
Marion County Industrial Park
North of US 76 and US 501
Marion County, South Carolina

EDM Job No: 21272
March 16, 2012

NWI Wetlands		FEMA Flood Zone *	
	Upland		100 Year Flood
	Palustrine		500 Year Flood
	Lacustrine		* No Data Available
	Riverine		
	Estuarine		
	Marine		

Approximate Site Boundary

- NPL, STNPL, CORRACTS, TSD, RODS RAATS & sites - 1 Mile Radius
- CERCLIS, NFRAP, STCERC, SLDWST, LUST, BRWNFLDS, VOLCLNUP & DRY sites - 1/2 Mile Radius
- ERNS, NONTSD, TANKS, SPILLS, INSTENG, BRS, PADS, PCS, TRIS & FRS sites - 1/4 Mile Radius



* SDAISA - State Designated American Indian Statistical Area

South Carolina Tribal Contacts

Entity	Contact	Tel/Fax	Source
Catawba Indian Nation	996 Avenue of the Nations Rock Hill, SC 29730	Phone: 803-366-4792	www.catawbaindiannation.com

Agency List Descriptions

USEPA and State Databases are updated on a quarterly basis. Supplemental Databases are updated on an annual basis.

United States Environmental Protection Agency (EPA)

Comprehensive Env Response, Compensation & Liability Information System List(CERCLIS)

The US EPA Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) is the Superfund database used to track facilities and/or locations that the USEPA is investigating to determine if an existing or threatened release of hazardous substances is present.

Agency File Date: 9/27/2011

Received by EDM: 12/6/2011

EDM Database Updated: 12/6/2011

RCRIS Handlers with Corrective Action(CORRACTS)

The US EPA Corrective Action Sites (CORRACTS) database is a listing of hazardous waste handlers that have undergone RCRA corrective action activity. This information is compiled by the EPA Regional and State RCRA program personnel, as well as the RCRA facilities themselves.

Agency File Date: 1/9/2012

Received by EDM: 1/30/2012

EDM Database Updated: 1/30/2012

Emergency Response Notification System List(ERNS)

The Emergency Response Notification System (ERNS) database stores information on oil discharges and hazardous substance releases. The ERNS program is a cooperative data sharing effort among the EPA, DOT and the National Response Center (NRC), which currently provides access to this data.

Agency File Date: 1/10/2012

Received by EDM: 2/7/2012

EDM Database Updated: 2/7/2012

Archived Cerclis Sites(NFRAP)

The US EPA NFRAP list contains archived data of CERCLIS records where the EPA has completed assessment activities and determined that no further steps to list the site on the NPL will be taken. NFRAP sites may be reviewed in the future to determine if they should be returned to CERCLIS based upon newly identified contamination problems at the site.

Agency File Date: 9/29/2011

Received by EDM: 12/6/2011

EDM Database Updated: 12/6/2011

RCRA-LQG,SQG,CESQG and Transporters(NONTSD)

The EDM NONTSD list is a subset of the US EPA RCRAInfo System and identifies facilities that generate and transport hazardous wastes. These facilities may be Large Quantity Generators (LQG), Small Quantity Generators (SQG), Conditionally Exempt SQG's (CESQG) as well as "Non-Notifiers" and "Non-Handlers".

Agency File Date: 11/11/2011

Received by EDM: 12/13/2011

EDM Database Updated: 12/28/2011

National Priorities List(NPL)

The US EPA National Priorities List (NPL) contains facilities and/or locations where environmental contamination has been confirmed and prioritized for cleanup activities. In addition to sites that are currently on the EPA NPL, the EDM database contains sites that have been Proposed for and Deleted from the list.

Agency File Date: 12/6/2011

Received by EDM: 12/6/2011

EDM Database Updated: 12/6/2011

Tribal LUST List(TRIBLLUST)

EDM's Tribal LUST list is derived from the USEPA Region IV Tribal Tanks database by extracting those sites with indicators of past and/or current releases.

Agency File Date: 2/24/2010

Received by EDM: 3/9/2010

EDM Database Updated: 3/9/2010

Tribal Tanks List(TRIBLTANKS)

The USEPA Region IV Tribal Tanks database lists Active and Closed storage tank facilities on Native American lands.

Agency File Date: 2/24/2010

Received by EDM: 3/9/2010

EDM Database Updated: 3/9/2010

RCRA-Treatment, Storage and/or Disposal Sites(TSD)

The EDM TSD list is a subset of the US EPA RCRAInfo system and identifies facilities that Treat, Store and/or Dispose of hazardous waste.

Agency File Date: 11/11/2011

Received by EDM: 12/13/2011

EDM Database Updated: 12/28/2011

Brownfields Management System(USBRWNFLDS)

The US EPA Brownfields program provides information on environmentally distressed properties that have received Grants or Targeted funding for cleanup and redevelopment. Tribal Brownfield sites are included in the USBRWNFLDS database.

Agency File Date: 2/7/2012

Received by EDM: 2/7/2012

EDM Database Updated: 2/7/2012

US Institutional and/or Engineering Controls(USINSTENG)

The USINSTENG list is compiled from data elements contained in the NPL, CORRACTS and USBRWNFLDS lists.

Agency File Date: 1/9/2012

Received by EDM: 1/30/2012

EDM Database Updated: 2/7/2012

South Carolina Department of Health and Environmental Control (SCDHEC)

State Designated Brownfields(BRWNFLDS)

The SCDHEC Brownfields list is a component of the State Voluntary Cleanup Program. Brownfield sites are typically abandoned, idled or underused industrial and commercial facilities where expansion or redevelopment is complicated by real or perceived environmental contamination.

Agency File Date: 5/13/2011

Received by EDM: 5/13/2011

EDM Database Updated: 5/13/2011

State Dry Cleaners List(DRY)

The SCDHEC Dry Cleaners list contains information on sites that are registered with the State of South Carolina for inclusion in the Dry-cleaning Facility Restoration Trust Fund. These funds are used to assess, prioritize, and clean up polluted dry-cleaning sites that are registered with the State.

Agency File Date: 6/24/2011

Received by EDM: 7/7/2011

EDM Database Updated: 7/13/2011

State Institutional and/or Engineering Controls(INSTENG)

The SCDHEC Bureau of Land and Waste Management maintains the Registry of Conditional Remedies for sites that have had Institutional and/or Engineering Controls implemented to regulate exposure to environmental hazards

Agency File Date: 5/13/2011

Received by EDM: 5/13/2011

EDM Database Updated: 5/15/2011

Leaking Underground Storage Tanks List(LUST)

The SC DHEC Confirmed Release Report (LUST) is a listing of facilities and/or locations where a confirmed release of hazardous material has occurred, including releases from underground storage tank systems.

Agency File Date: 6/24/2011

Received by EDM: 7/7/2011

EDM Database Updated: 7/13/2011

Solid Waste Facilities List(SLDWST)

The SC DHEC SLDWST list contains facilities or locations that conduct solid waste handling activities. These sites may include municipal solid waste landfills, industrial waste landfills, construction, demolition and land clearing debris sites, ash monofill landfills, inert waste sites, sludge monofill sites, solid waste transfer stations and composting and wood chipping/shredding facilities.

Agency File Date: 6/24/2011

Received by EDM: 7/7/2011

EDM Database Updated: 7/12/2011

Spills List(SPILLS)

The SCDHEC Spills List contains information reported to the department relative to the discharges of pollutants.

Agency File Date: 6/24/2011

Received by EDM: 7/7/2011

EDM Database Updated: 7/12/2011

State NPL Equivalent(STNPL)

The SCDHEC State Priority List (SPL) contains sites where environmental contamination has been confirmed and the State assumes responsibility for the assessment and remediation of the site. This list is considered the State equivalent of the US EPA National Priority List (NPL).

Agency File Date: 11/6/2008

Received by EDM: 11/15/2008

EDM Database Updated: 11/23/2008

Underground/Aboveground Storage Tanks(TANKS)

The SCDHEC Comprehensive Underground Storage Tanks List (TANKS) identifies those facilities or locations that have registered underground storage tanks within the State of South Carolina. Aboveground Tank locations are derived from the SCDHEC GIS program.

Agency File Date: 7/5/2011

Received by EDM: 7/7/2011

EDM Database Updated: 7/13/2011

State Voluntary Cleanup List(VOLCLNUP)

The SCDHEC Voluntary Cleanup Program list contains information on sites where either responsible or non-responsible parties have agreed to perform environmental assessment and/or remediation activities. Some sites included on the Voluntary Cleanup list may also be designated Brownfields sites.

Agency File Date: 5/13/2011

Received by EDM: 5/13/2011

EDM Database Updated: 5/13/2011

Supplemental

Biennial Reporting System(BRS)

The US EPA Biennial Reporting System(BRS) collects data on the generation and management of hazardous waste from Large Quantity Generators and Treatment, Storage and Disposal facilities (TSD's). The data is reported, on even years, by the facilities to state environmental agencies which provide the information to regional and national EPA offices.

Agency File Date: 12/11/2008

Received by EDM: 5/21/2009

EDM Database Updated: 5/25/2009

Facility Registry System(FRS)

The US EPA Facility Registry System (FRS) is a centrally managed database of sites that are regulated by Program Offices of the EPA; such as Air, Water and Waste. The FRS has replaced the Facility Index System (FINDS) list.

Agency File Date: 4/18/2011

Received by EDM: 5/17/2011

EDM Database Updated: 5/19/2011

PCB Activity Data System(PADS)

The USEPA tracks sites that conduct activities relative to the generation, transportation, permitted storage and permitted disposal of PCB's. This information was previously contained in the PCB Activities Database (PADS) and is currently reported using the Notification of PCB Activity Quarterly Reports.

Agency File Date: 11/1/2010

Received by EDM: 5/11/2011

EDM Database Updated: 5/12/2011

Permit Compliance System(PCS)

The US EPA Permit Compliance System (PCS) is a data system to track permit compliance and enforcement at facilities holding National Pollutant Discharge Elimination System (NPDES) permits.

Agency File Date: 9/22/2011

Received by EDM: 12/27/2011

EDM Database Updated: 12/27/2011

RCRA Administrative Action Tracking System(RAATS)

The US EPA RAATS list is a historical RCRA enforcement database that tracked facilities found to be major violators under RCRA. Data entry in this database was discontinued in 1995.

Agency File Date: 8/1/1995

Received by EDM: 8/30/1995

EDM Database Updated: 9/17/1995

Record Of Decisions System(RODS)

The US EPA RODS data contains information relative to the selection and justification of remedial actions chosen at Superfund (NPL) sites

Agency File Date: 12/28/2011

Received by EDM: 12/27/2011

EDM Database Updated: 12/28/2011

Toxic Release Inventory System(TRIS)

The US EPA TRIS list identifies those facilities that are required to submit annual reports relative to the estimated routine and accidental release of toxic chemicals to the environment, as stipulated under current federal laws.

Agency File Date: 8/14/2010

Received by EDM: 5/20/2011

EDM Database Updated: 5/23/2011

Map Descriptions

Street Map

EDM's Street Maps are derived from the US Census Bureau's TIGER/Line database files. EDM customizes this data to display features such as roads/railroads, rivers, water bodies as well as legal and statistical geographic areas. Regulatory listed sites are geocoded as data points and overly the base map. Detailed information regarding sites found within the bounds of the search criteria are provided in the Detail Reports section.

Aerial Photograph

Digital Aerial Photographs are obtained from a variety of Federal, State and Local sources. EDM attempts to provide the most recent photographs available for the study area and considers factors including resolution, file size and accessibility in selecting the photograph to be used for each

Topographic Map

EDM's Topographic Maps are derived from Digital Raster Graphic (DRG) data produced by the US Geological Survey (USGS) between 1995 and 1998. A DRG is a raster image created by scanning published paper Topographic maps on high-resolution scanners. To display these maps within our Geographic Information System (GIS), EDM strips the collar information from each image and assigns control points for matching the image to ground control coordinate values associated with our vector based Street Map data.

NWI Wetlands/FEMA Floodplain Map

EDM's NWI Wetland areas are derived from Digital Line Graph (DLG) data obtained from the US Fish and Wildlife Service (FWS) National Wetlands Inventory (NWI) program. This digital data was produced between 1988 and 1993 and is based upon the analysis and interpretation of color-infrared aerial photography obtained between 1972 and 1984.

EDM's FEMA Floodplain areas are derived from FEMA Digital Q3 Flood Data produced in the mid-1990's. The Q3 Flood Data were developed by scanning and vectorizing existing hardcopy Flood Insurance Rate Maps (FIRMs).

By no means should either of these map features be used as a sole source for the delineation of wetland and/or floodplain boundaries and should only be used to approximate the geographic location of these features .

American Indian Lands Map

EDM has obtained American Indian Reservation boundary files from the US Census Bureau and has presented them in a statewide reference map. General location and contact information is also presented in the Table accompanying this map.

Table 1. COWARDIN CLASSIFICATION OF WETLANDS AND DEEPWATER HABITATS

SYSTEM	SUBSYSTEM	CLASS	SUBCLASS
M=MARINE	1=SUBTIDAL	- RB=Rock Bottom	1=Bedrock 2=Rubble
		- UB=Unconsolidated Bottom	1=Cobble-Gravel 2=Sand 3=Mud 4=Organic
		- AB=Aquatic Bed	1=Algal 3=Rooted Vascular 5=Unknown Submergent
		- RF=Reef	1=Coral 3=Worm
		- OW=Open Water/Unknown Bottom (used on older maps)	
	2=INTERTIDAL	- AB=Aquatic Bed	1=Algal 3=Rooted Vascular 5=Unknown Submergent
		- RF=Reef	1=Coral 3=Worm
		- RS=Rocky Shore	1=Bedrock 2=Rubble
		- US=Unconsolidated Shore	1=Cobble-Gravel 2=Sand 3=Mud 4=Organic
E=ESTUARINE	1=SUBTIDAL	- RB=Rock Bottom	1=Bedrock 2=Rubble
		- UB=Unconsolidated Bottom	1=Cobble-Gravel 2=Sand 3=Mud 4=Organic
		- AB=Aquatic Bed	1=Algal 3=Rooted Vascular 4=Floating Vascular 5=Unknown Submergent 6=Unknown Surface
		- RF=Reef	2=Mollusc 3=Worm
		- OW=Open Water/Unknown Bottom (used on older maps)	
	2=INTERTIDAL	- AB=Aquatic Bed	1=Algal 3=Rooted Vascular 4=Floating Vascular 5=Unknown Submergent 6=Unknown Surface
		- RF=Reef	2=Mollusc 3=Worm
		- SB=Streambed	3=Cobble-Gravel 4=Sand 5=Mud 6=Organic
		- RS=Rocky Shore	1=Bedrock 2=Rubble
		- US=Unconsolidated Shore	1=Cobble-Gravel 2=Sand 3=Mud 4=Organic
		- EM=Emergent	1=Persistent 2=Nonpersistent
		- SS=Scrub-Shrub	1=Broad-Leaved Deciduous 2=Needle-Leaved Deciduous 3=Broad-Leaved Evergreen 4=Needle-Leaved Evergreen 5=Dead 6=Indeterminate Deciduous 7=Indeterminate Evergreen
		- FO=Forested	1=Broad-Leaved Deciduous 2=Needle-Leaved Deciduous 3=Broad-Leaved Evergreen 4=Needle-Leaved Evergreen 5=Dead 6=Indeterminate Deciduous 7=Indeterminate Evergreen

SYSTEM	SUBSYSTEM	CLASS	SUBCLASS
R=RIVERINE		- RB=Rock Bottom	1=Bedrock 2=Rubble
		- UB=Unconsolidated Bottom	1=Cobble-Gravel 2=Sand 3=Mud 4=Organic
	--1=TIDAL-----	-*SB=Streambed	1=Bedrock 2=Rubble 3=Cobble-Gravel 4=Sand 5=Mud 6=Organic 7=Vegetated
	--2=LOWER PERENNIAL----	- AB=Aquatic Bed	1=Algal 2=Aquatic Moss 3=Rooted Vascular 4=Floating Vascular 5=Unknown Submergent 6=Unknown Surface
	--3=UPPER PERENNIAL----	- RS=Rocky Shore	1=Bedrock 2=Rubble
	--4=INTERMITTENT-	- US=Unconsolidated Shore	1=Cobble-Gravel 2=Sand 3=Mud 4=Organic 5=Vegetated
	--5=UNKNOWN PERENNIAL----- (used on older maps)	-**EM=Emergent	2=Nonpersistent
		- OW=Open Water/Unknown Bottom (used on older maps)	
		-*STREAMBED is limited to TIDAL and INTERMITTENT SUBSYSTEMS, and comprises the only CLASS in the INTERMITTENT SUBSYSTEM.	
		-*EMERGENT is limited to TIDAL and LOWER PERENNIAL SUBSYSTEMS.	

L=LACUSTRINE		- RB=Rock Bottom	1=Bedrock 2=Rubble
		- UB=Unconsolidated Bottom	1=Cobble-Gravel 2=Sand 3=Mud 4=Organic
	-- 1=LIMNETIC-----	- AB=Aquatic Bed	1=Algal 2=Aquatic Moss 3=Rooted Vascular 4=Floating Vascular 5=Unknown Submergent 6=Unknown Surface
		- OW=Open Water/Unknown Bottom (used on older maps)	
		- RB=Rock Bottom	1=Bedrock 2=Rubble
		- UB=Unconsolidated Bottom	1=Cobble-Gravel 2=Sand 3=Mud 4=Organic
	-- 2=LITTORAL----	- AB=Aquatic Bed	1=Algal 2=Aquatic Moss 3=Rooted Vascular 4=Floating Vascular 5=Unknown Submergent 6=Unknown Surface
		- RS=Rocky Shore	1=Bedrock 2=Rubble
		- US=Unconsolidated Shore	1=Cobble-Gravel 2=Sand 3=Mud 4=Organic 5=Vegetated
		- EM=Emergent	2=Nonpersistent
	- OW=Open Water/Unknown Bottom (used on older maps)		

SYSTEM	SUBSYSTEM	CLASS	SUBCLASS
P=PALUSTRINE		- RB=Rock Bottom	1=Bedrock 2=Rubble
		- UB=Unconsolidated Bottom	1=Cobble-Gravel 2=Sand 3=Mud 4=Organic
		- AB=Aquatic Bed	1=Algal 2=Aquatic Moss 3=Rooted Vascular 4=Floating Vascular 5=Unknown Submergent 6=Unknown Surface
		- US=Unconsolidated Shore	1=Cobble-Gravel 2=Sand 3=Mud 4=Organic 5=Vegetated
		- ML=Moss-Lichen	1=Moss 2=Lichen
	-----	- EM=Emergent	1=Persistent 2=Nonpersistent
		- SS=Scrub-Shrub	1=Broad-Leaved Deciduous 2=Needle-Leaved Deciduous 3=Broad-Leaved Evergreen 4=Needle-Leaved Evergreen 5=Dead 6=Indeterminate Deciduous 7=Indeterminate Evergreen
		- FO=Forested	1=Broad-Leaved Deciduous 2=Needle-Leaved Deciduous 3=Broad-Leaved Evergreen 4=Needle-Leaved Evergreen 5=Dead 6=Indeterminate Deciduous 7=Indeterminate Evergreen
		- OW=Open Water/Unknown Bottom (used on older maps)	

MODIFIERS

WATER REGIME	-----	- A=Temporarily Flooded
		- B=Saturated
		- C=Seasonally Flooded
		- D=Seasonally Flooded/Well Drained
		- E=Seasonally Flooded/Saturated
		- F=Semipermanently Flooded
		- G=Intermittently Exposed
		- H=Permanently Flooded
		- J=Intermittently Flooded
		- K=Artificially Flooded
-----	- W=Intermittently Flooded/Temporary (used on older maps)	
	- Y=Saturated/Semipermanent/Seasonal (used on older maps)	
	- Z=Intermittently Exposed/Permanent (used on older maps)	
	- U=Unknown	

WATER REGIME	-----	- K=Artificially Flooded
		- L=Subtidal
		- M=Irregularly Exposed
		- N=Regularly Flooded
		- P=Irregularly Flooded
		- *S=Temporary-Tidal
		- *R=Seasonal-Tidal
		- *T=Semipermanent-Tidal
		- *V=Permanent-Tidal
		- U=Unknown
	- *These water regimes are only used in tidally influenced, freshwater systems.	

WATER CHEMISTRY	-----	- 1=Hyperhaline	SOIL-----	- g=Organic
		- 2=Euhaline		- n=Mineral
		- 3=Mixohaline (Brackish)		
		- 4=Polyhaline		
		- 5=Mesohaline		
		- 6=Oligohaline		
		- 0=Fresh		

WATER CHEMISTRY	-----	- 7=Hypersaline	SPECIAL MODIFIERS-----	- b=Beaver
		- 8=Eusaline		- d=Partially Drained/Ditched
		- 9=Mixosaline		- f=Farmed
		- 0=Fresh		- h=Diked/Impounded
				- r=Artificial Substrate
	- s=Spoil			
		- x=Excavated		

U = Uplands

WATER CHEMISTRY	-----	- pH Modifiers for all Fresh Water	- a=Acid
			- t=Circumneutral
			- i=Alkaline

ENVIRONMENTAL DATA REPORT

Historical Aerial Photograph Report

Marion County Industrial Park
North of US 76 and US 501
Marion County, South Carolina

Prepared For:

Alliance Consulting Engineers, Inc
PO Box 8147
Columbia, SC 29202

Prepared By:

ENVIRONMENTAL DATA MANAGEMENT, INC.
2840 West Bay Drive, Suite 208
Largo, Florida 33770

March 16, 2012

March 16, 2012

Garrett Wine
Alliance Consulting Engineers, Inc
PO Box 8147
Columbia, SC 29202

Subject: **Historical Aerial Photos-- EDM Project #: 21272**

Dear Mr. Wine:

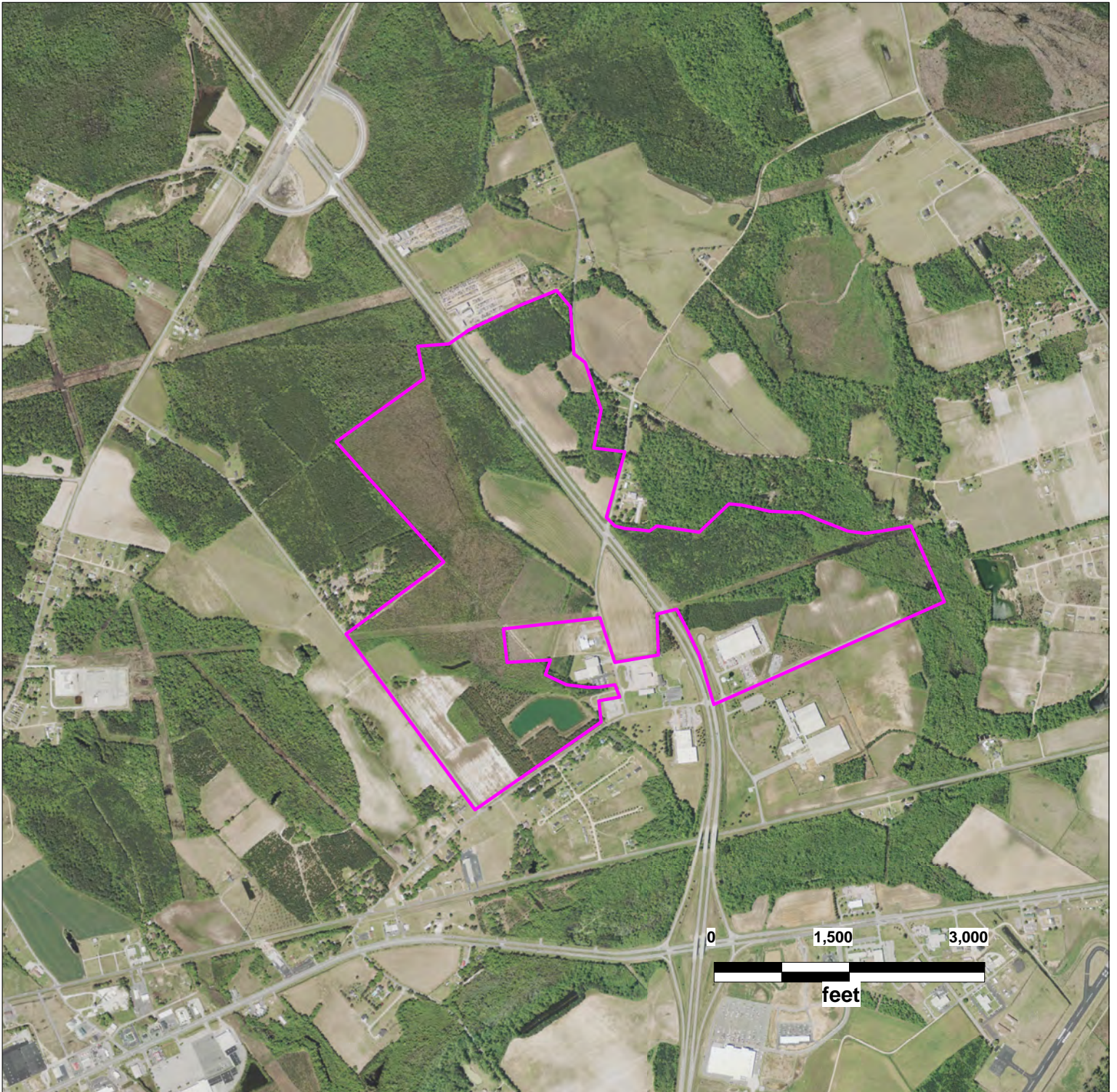
Thank you for choosing Environmental Data Management, Inc. The following report contains a series of Historical Aerial Photographic images for the following location:

**Marion County Industrial Park
North of US 76 and US 501
Marion County, South Carolina**

These images were selected to provide you with an aerial photographic record of this location **at approximate ten year intervals and/or one photograph per decade**, where available.

Should you have any questions regarding this report or our service, please feel free to contact us. We appreciate the opportunity to be of service to you and look forward to working with you in the future.

ENVIRONMENTAL DATA MANAGEMENT, INC.



Source: National Agriculture Imagery Program (NAIP)

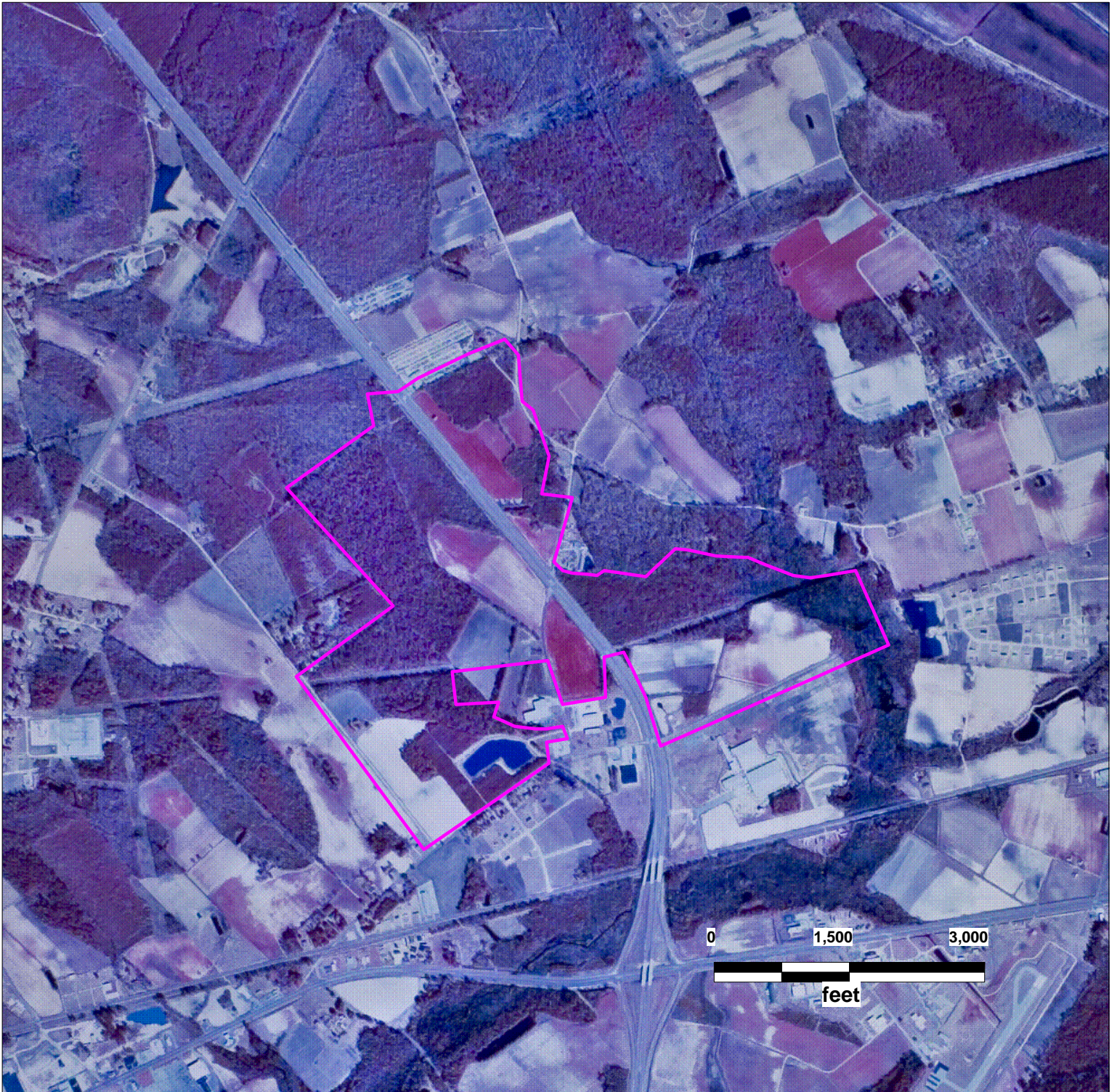
Map Scale and Property Boundaries are Approximate

Subject Property

Marion County Industrial Park
North of US 76 and US 501
Marion County, South Carolina

EDM Job No: 21272
March 16, 2012

— Approximate Site Boundary



Source: National Aerial Photography Program (NAPP)

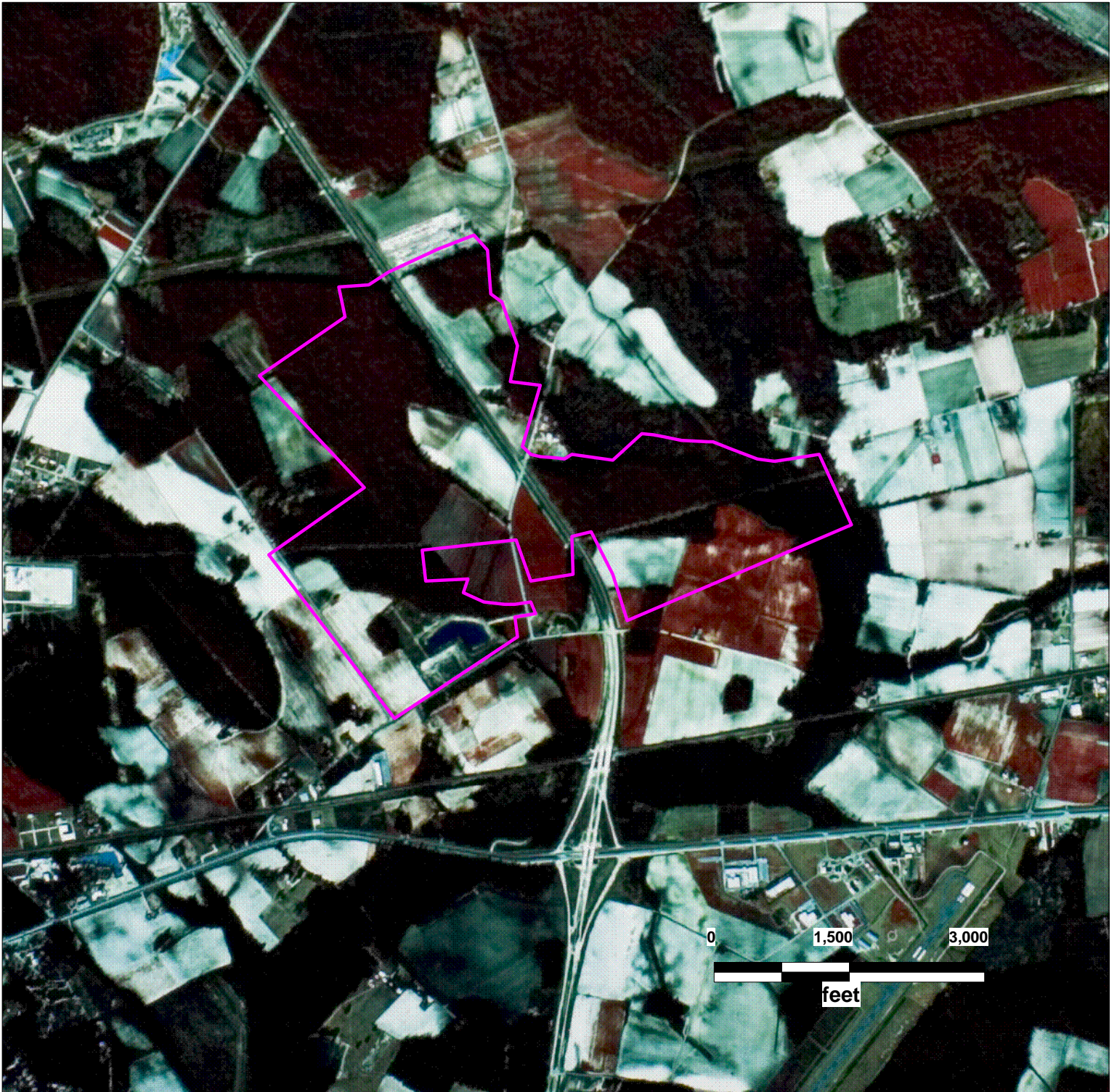
Map Scale and Property Boundaries are Approximate

Subject Property

Marion County Industrial Park
North of US 76 and US 501
Marion County, South Carolina

EDM Job No: 21272
March 16, 2012

— Approximate Site Boundary



Source: National Aerial Photography Program (NAPP)

Map Scale and Property Boundaries are Approximate

Subject Property

Marion County Industrial Park
North of US 76 and US 501
Marion County, South Carolina

EDM Job No: 21272
March 16, 2012

— Approximate Site Boundary



Source: US Geological Survey Single Frame Collection

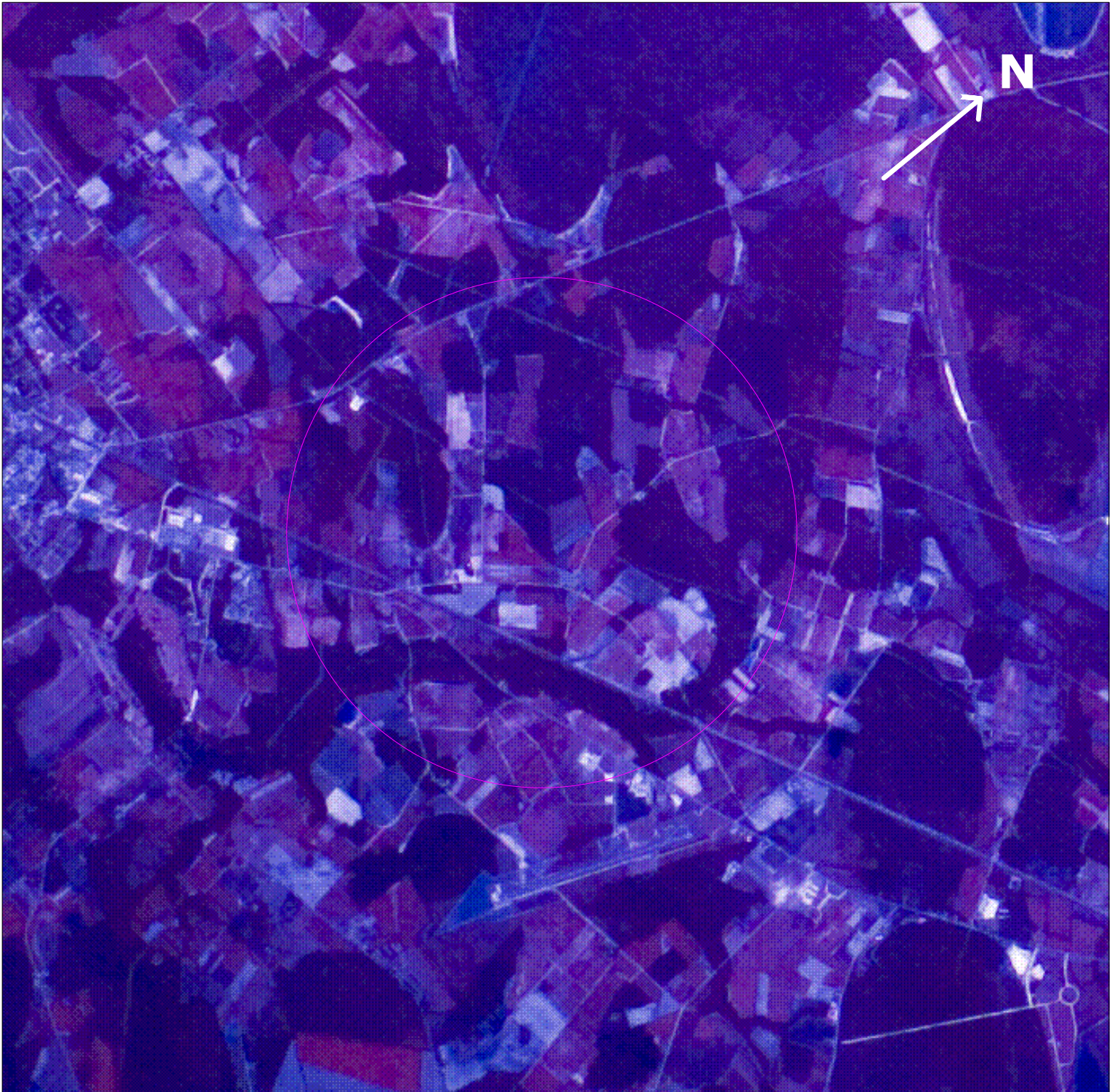
Map Scale and Property Boundaries are Approximate

Subject Property

Marion County Industrial Park
North of US 76 and US 501
Marion County, South Carolina

EDM Job No: 21272
March 16, 2012

— Approximate Site Boundary



Source: US Geological Survey Single Frame Collection

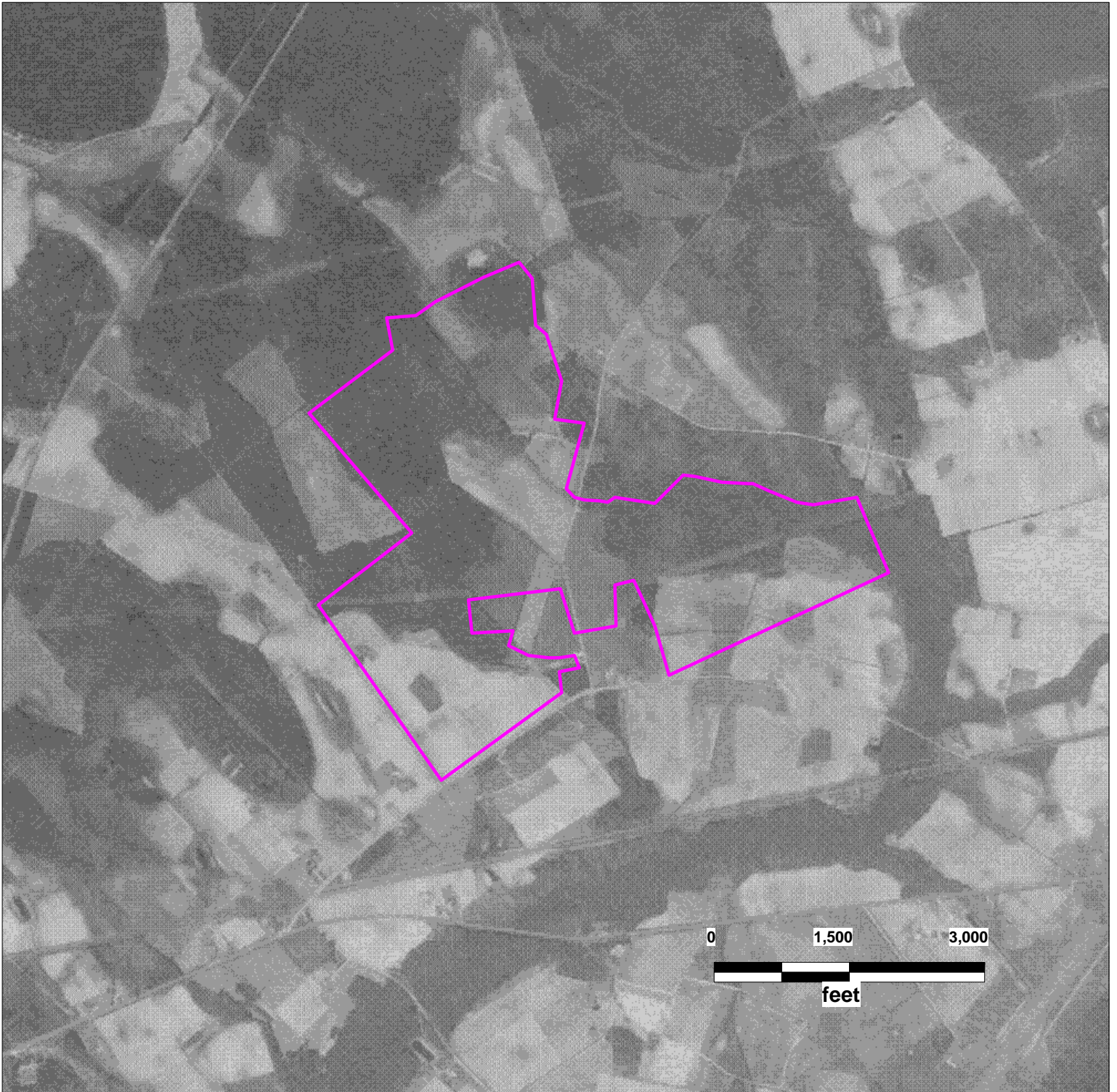
Map Scale and Property Boundaries are Approximate

Subject Property

Marion County Industrial Park
North of US 76 and US 501
Marion County, South Carolina

EDM Job No: 21272
March 16, 2012

— Approximate Site Location



Source: US Geological Survey Single Frame Collection

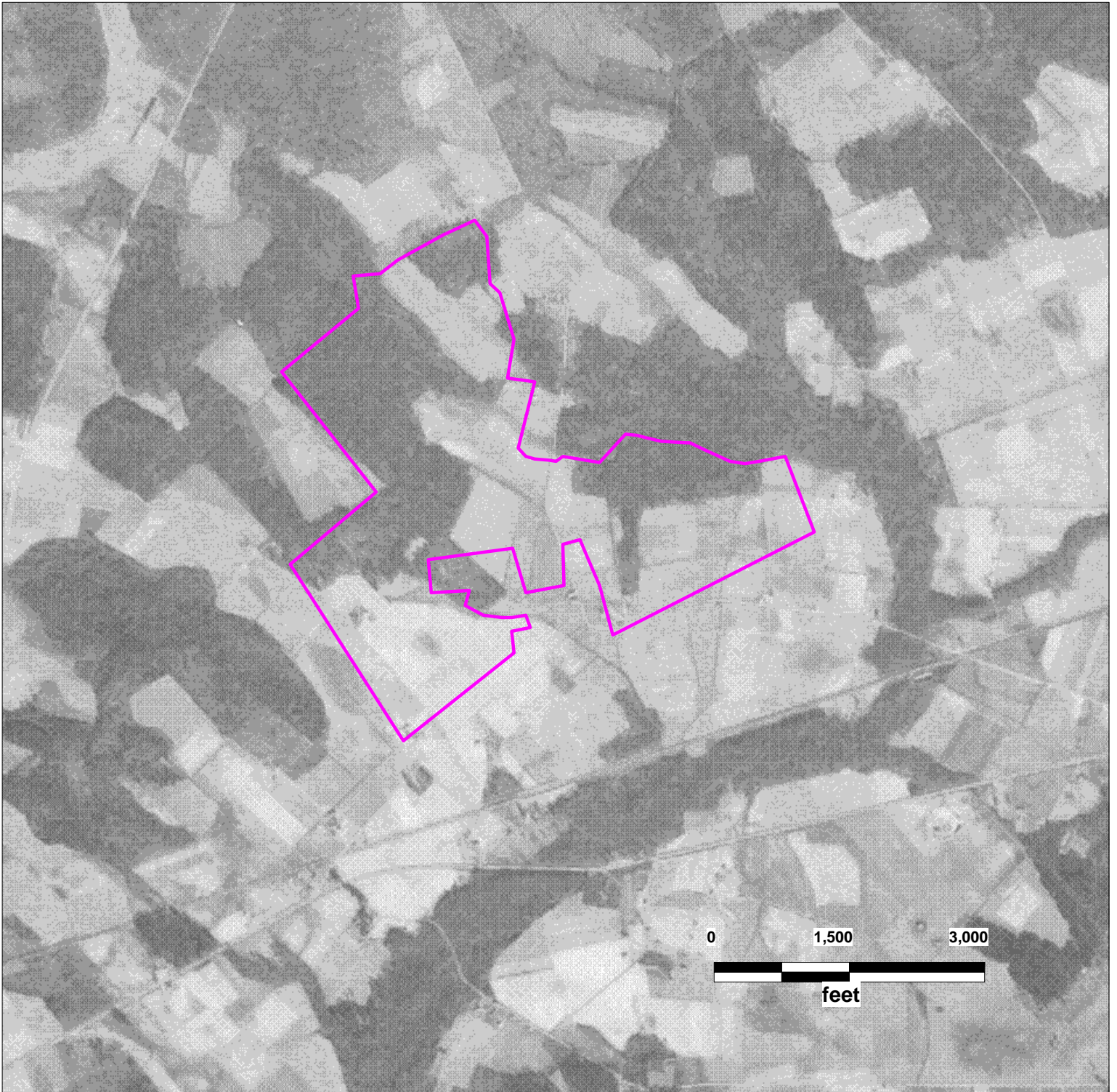
Map Scale and Property Boundaries are Approximate

Subject Property

Marion County Industrial Park
North of US 76 and US 501
Marion County, South Carolina

EDM Job No: 21272
March 16, 2012

— Approximate Site Boundary



Source: US Geological Survey Single Frame Collection

Map Scale and Property Boundaries are Approximate

Subject Property

Marion County Industrial Park
North of US 76 and US 501
Marion County, South Carolina

EDM Job No: 21272
March 16, 2012

— Approximate Site Boundary

APPENDIX C
INTERVIEW DOCUMENTATION



ALLIANCE CONSULTING ENGINEERS, INC.

POST OFFICE BOX 8147
 COLUMBIA, SC 29202-8147
 PHONE: (803) 779-2078 FAX: (803) 779-2079
 WWW.ALLIANCECE.COM

**Phase I Environmental Site Assessment
 Questionnaire**

PROJECT NAME: PHASE I ESA FOR THE MARION COUNTY INDUSTRIAL PARK IN MARION COUNTY, SOUTH CAROLINA	PROJECT NO.: 11185-0034
---	--------------------------------

CLIENT: MARION COUNTY, SOUTH CAROLINA

PROJECT ADDRESS: NEAR THE INTERSECTION OF US HWY 501 AND SENATOR GASQUE ROAD (S-34-41), MARION COUNTY, SOUTH CAROLINA 29565

INTERVIEW VIA: TELEPHONE IN PERSON E-MAIL MAIL

I. Site Visit and Owner Inquiry

Please indicate the appropriate response to the following questions:

Question	Owner			Occupants (If Applicable)			Observed During Site Visit		
	Yes	No	Unk	Yes	No	Unk	Yes	No	Unk
1. Is the property or any adjoining property used for an industrial use?	X						X		
2. To the best of your knowledge, has the property or any adjoining property been used for an industrial use in the past?	X						X		
3. Is the property or any adjoining property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?		X						X	
4. To the best of your knowledge has the property or any adjoining property been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?		X						X	

Unk = "Unknown" or "No Response"

PHASE I ESA - QUESTIONNAIRE

PROJECT NAME: PHASE I ESA FOR THE MARION COUNTY INDUSTRIAL PARK
 ADDRESS: NEAR INTERSECTION OF US HWY 501 AND SENATOR GASQUE RD.
 MARION, SOUTH CAROLINA 29565
 CLIENT: MARION COUNTY, SOUTH CAROLINA

Question	Owner			Occupants (If Applicable)			Observed During Site Visit		
	Yes	No	Unk	Yes	No	Unk	Yes	No	Unk
	5. Are there currently, or to the best of your knowledge have there been previously, any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers of greater than 5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility?		X						X
6. Are there currently, or to the best of your knowledge have there been previously, any industrial drums (typically 55 gal (208 L) or sacks of chemicals located on the property or at the facility?		X						X	
7. Has fill dirt been brought onto the property that originated from a contaminated site or that is of an unknown origin?		X							X
8. Are there currently, or to the best of your knowledge, have there been previously, any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?		X						X	
9. Is there currently, or to the best of your knowledge has there been previously, any stained soil on the property?		X						X	
10. Are there currently, or to the best of your knowledge, has there been previously, any registered or unregistered storage tanks (above or underground) located on the property?		X						X	
11. Are there currently, or to the best of your knowledge, has there been previously, any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?			X					X	
12. Are there currently, or to the best of your knowledge, have there been previously, any flooring, drains, or walls located within the facility that are stained by substances other than water or emitting foul odors?		X						X	

Unk = "Unknown" or "No Response"

PHASE I ESA - QUESTIONNAIRE

PROJECT NAME: PHASE I ESA FOR THE MARION COUNTY INDUSTRIAL PARK
 ADDRESS: NEAR INTERSECTION OF US HWY 501 AND SENATOR GASQUE RD.
 MARION, SOUTH CAROLINA 29565
 CLIENT: MARION COUNTY, SOUTH CAROLINA

Question	Owner			Occupants (If Applicable)			Observed During Site Visit		
	Yes	No	Unk	Yes	No	Unk	Yes	No	Unk
13. If the property is served by a private well or non-public water system, have contaminants been identified in the well or system that exceed guidelines applicable to the water system or has the well been designated as contaminated by any government environmental/health agency?		X						X	
14. Does the owner or occupant of the property have any knowledge of environmental liens or governmental notification relating to the past or recurrent violations of environmental laws with respect to the property or any facility located on the property?		X						X	
15. Has the owner or occupant of the property been informed of the past or current existence of hazardous substances or petroleum products or environmental violations with respect to the property or any facility located on the property?		X						X	
16. Does the owner or occupant of the property have any knowledge of any environmental site assessment of the property or facility that indicate the presence of hazardous substances or petroleum products on, or contamination of, the property of recommended further assessment of the property?		X						X	
17. Does the owner or occupant of the property know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the property by any owner or occupant of the property?		X						X	
18. Does the property discharge wastewater on or adjacent to the property other than stormwater into a sanitary sewer system?		X						X	

Unk = "Unknown" or "No Response"

PHASE I ESA - QUESTIONNAIRE

PROJECT NAME: PHASE I ESA FOR THE MARION COUNTY INDUSTRIAL PARK
 ADDRESS: NEAR INTERSECTION OF US HWY 501 AND SENATOR GASQUE RD.
 MARION, SOUTH CAROLINA 29565
 CLIENT: MARION COUNTY, SOUTH CAROLINA

Question	Owner			Occupants (If Applicable)			Observed During Site Visit		
	Yes	No	Unk	Yes	No	Unk	Yes	No	Unk
	19. To the best of your knowledge, have any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries or any other waste materials been dumped above grade, buried and/or burned on the property?		X						X
20. Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs?		X						X	

Unk = "Unknown" or "No Response"

II. Government Records and Historical Sources Inquiry

21. Do any of the following Federal government record systems list the property or any property within the circumference of the area noted below:

- | | | | |
|--|--------------------------|-------------------------------------|--------------------------|
| | <u>Yes</u> | <u>No</u> | <u>Unk</u> |
| • National Priorities List – within 1.0 mile (1.6 Km)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| • CERCLIS List – within 0.5 mile (0.8 Km)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| • RCRA TSD Facilities – within 1.0 miles (1.6 Km)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

22. Do any of the following state record systems list the property or any property within the circumference of the area noted below:

- List maintained by state environmental agency of hazardous waste sites identified for investigation or remediation that is the state agency equivalent to NPL – within approximately 1.0 miles (1.6 Km)? Yes No Unk
- List maintained by state environmental agency of site identified for investigation or remediation that is the state equivalent to CERCLIS – within 0.5 mile (0.8 Km)?
 Yes No Unk

23. Based upon a review of fire insurance maps or consultation with the local fire department serving the property, all as specified in the guide, are any buildings or other improvements on the property or on an adjoining property identified as having been used for an industrial use or uses likely to lead to contamination of the property? Yes No Unk

PHASE I ESA - QUESTIONNAIRE

PROJECT NAME: PHASE I ESA FOR THE MARION COUNTY INDUSTRIAL PARK

ADDRESS: NEAR INTERSECTION OF US HWY 501 AND SENATOR GASQUE RD.

MARION, SOUTH CAROLINA 29565

CLIENT: MARION COUNTY, SOUTH CAROLINA

III. Execution and Verification of Questionnaire

The preparer of the transaction screen questionnaire must complete and sign the following statement.

This questionnaire was completed by:

Name: Garrett R. Wine, E.I.T., LEED Green Associate

Title: Engineering Associate

Firm: Alliance Consulting Engineers, Inc.

Address: Post Office Box 8147
Columbia, SC 29202-8147

Phone Number: 803-779-2078

If the preparer is different than the user, complete the following:

Name of interviewees: Rodney Berry

Interviewee's address: Post Office Box 840
Marion, South Carolina 29571

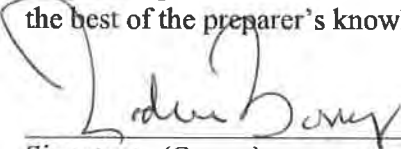
Interviewee's phone number: (843) 423-8235

Interviewee's relationship to site: Representative of the Owner (Marion County)

Copies of the completed questionnaire have been filed at: Alliance Consulting Engineers, Inc., Post Office Box 8147, Columbia, SC 29202-8147

Copies of the completed questionnaire have been mailed or delivered to: Marion County Economic Development Commission, Post Office Box 840, Marion, South Carolina 29571

Preparer represents that to the best of knowledge the above statements and facts are true and correct and to the best of the preparer's knowledge and that no material facts have been suppressed or misstated.



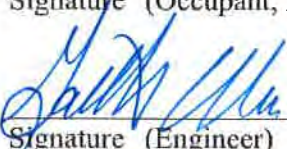
Signature (Owner)

5-7-12

Date

Signature (Occupant, if applicable)

Date



Signature (Engineer)

5-8-12

Date



ALLIANCE CONSULTING ENGINEERS, INC.

POST OFFICE BOX 8147
 COLUMBIA, SC 29202-8147
 PHONE: (803) 779-2078 FAX: (803) 779-2079
 WWW.ALLIANCECE.COM

**Phase I Environmental Site Assessment
 Questionnaire**

PROJECT NAME: PHASE I ESA FOR THE MARION COUNTY INDUSTRIAL PARK IN MARION COUNTY, SOUTH CAROLINA	PROJECT NO.: 11185-0034
---	--------------------------------

CLIENT: MARION COUNTY, SOUTH CAROLINA

PROJECT ADDRESS: NEAR THE INTERSECTION OF US HWY 501 AND SENATOR GASQUE ROAD (S-34-41), MARION COUNTY, SOUTH CAROLINA 29565

INTERVIEW VIA: TELEPHONE IN PERSON E-MAIL MAIL

I. Site Visit and Owner Inquiry

Please indicate the appropriate response to the following questions:

Question	Owner			Occupants (If Applicable)			Observed During Site Visit		
	Yes	No	Unk	Yes	No	Unk	Yes	No	Unk
1. Is the property or any adjoining property used for an industrial use?	X						X		
2. To the best of your knowledge, has the property or any adjoining property been used for an industrial use in the past?	X						X		
3. Is the property or any adjoining property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?		X						X	
4. To the best of your knowledge has the property or any adjoining property been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?		X						X	

Unk = "Unknown" or "No Response"

PHASE I ESA - QUESTIONNAIRE

PROJECT NAME: PHASE I ESA FOR THE MARION COUNTY INDUSTRIAL PARK
 ADDRESS: NEAR INTERSECTION OF US HWY 501 AND SENATOR GASQUE RD.
 MARION, SOUTH CAROLINA 29565
 CLIENT: MARION COUNTY, SOUTH CAROLINA

Question	Owner			Occupants (If Applicable)			Observed During Site Visit		
	Yes	No	Unk	Yes	No	Unk	Yes	No	Unk
	5. Are there currently, or to the best of your knowledge have there been previously, any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers of greater than 5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility?		X						X
6. Are there currently, or to the best of your knowledge have there been previously, any industrial drums (typically 55 gal (208 L) or sacks of chemicals located on the property or at the facility?		X						X	
7. Has fill dirt been brought onto the property that originated from a contaminated site or that is of an unknown origin?		X						X	
8. Are there currently, or to the best of your knowledge, have there been previously, any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?		X						X	
9. Is there currently, or to the best of your knowledge has there been previously, any stained soil on the property?		X						X	
10. Are there currently, or to the best of your knowledge, has there been previously, any registered or unregistered storage tanks (above or underground) located on the property?		X						X	
11. Are there currently, or to the best of your knowledge, has there been previously, any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?		X						X	
12. Are there currently, or to the best of your knowledge, have there been previously, any flooring, drains, or walls located within the facility that are stained by substances other than water or emitting foul odors?		X						X	

Unk = "Unknown" or "No Response"

PHASE I ESA - QUESTIONNAIRE

PROJECT NAME: PHASE I ESA FOR THE MARION COUNTY INDUSTRIAL PARK
 ADDRESS: NEAR INTERSECTION OF US HWY 501 AND SENATOR GASQUE RD.
 MARION, SOUTH CAROLINA 29565
 CLIENT: MARION COUNTY, SOUTH CAROLINA

Question	Owner			Occupants (If Applicable)			Observed During Site Visit		
	Yes	No	Unk	Yes	No	Unk	Yes	No	Unk
13. If the property is served by a private well or non-public water system, have contaminants been identified in the well or system that exceed guidelines applicable to the water system or has the well been designated as contaminated by any government environmental/health agency?		X						X	
14. Does the owner or occupant of the property have any knowledge of environmental liens or governmental notification relating to the past or recurrent violations of environmental laws with respect to the property or any facility located on the property?		X						X	
15. Has the owner or occupant of the property been informed of the past or current existence of hazardous substances or petroleum products or environmental violations with respect to the property or any facility located on the property?		X						X	
16. Does the owner or occupant of the property have any knowledge of any environmental site assessment of the property or facility that indicate the presence of hazardous substances or petroleum products on, or contamination of, the property of recommended further assessment of the property?		X						X	
17. Does the owner or occupant of the property know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the property by any owner or occupant of the property?		X						X	
18. Does the property discharge wastewater on or adjacent to the property other than stormwater into a sanitary sewer system?		X						X	

Unk = "Unknown" or "No Response"

PHASE I ESA - QUESTIONNAIRE

PROJECT NAME: PHASE I ESA FOR THE MARION COUNTY INDUSTRIAL PARK
 ADDRESS: NEAR INTERSECTION OF US HWY 501 AND SENATOR GASQUE RD.
 MARION, SOUTH CAROLINA 29565
 CLIENT: MARION COUNTY, SOUTH CAROLINA

Question	Owner			Occupants (If Applicable)			Observed During Site Visit		
	Yes	No	Unk	Yes	No	Unk	Yes	No	Unk
	19. To the best of your knowledge, have any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries or any other waste materials been dumped above grade, buried and/or burned on the property?		X						X
20. Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs?		X						X	

Unk = "Unknown" or "No Response"

II. Government Records and Historical Sources Inquiry

21. Do any of the following Federal government record systems list the property or any property within the circumference of the area noted below:

- | | | | |
|--|--------------------------|-------------------------------------|--------------------------|
| | <u>Yes</u> | <u>No</u> | <u>Unk</u> |
| • National Priorities List – within 1.0 mile (1.6 Km)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| • CERCLIS List – within 0.5 mile (0.8 Km)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| • RCRA TSD Facilities – within 1.0 miles (1.6 Km)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

22. Do any of the following state record systems list the property or any property within the circumference of the area noted below:

- List maintained by state environmental agency of hazardous waste sites identified for investigation or remediation that is the state agency equivalent to NPL – within approximately 1.0 miles (1.6 Km)? Yes No Unk
- List maintained by state environmental agency of site identified for investigation or remediation that is the state equivalent to CERCLIS – within 0.5 mile (0.8 Km)?
 Yes No Unk

23. Based upon a review of fire insurance maps or consultation with the local fire department serving the property, all as specified in the guide, are any buildings or other improvements on the property or on an adjoining property identified as having been used for an industrial use or uses likely to lead to contamination of the property? Yes No Unk

PHASE I ESA - QUESTIONNAIRE

PROJECT NAME: PHASE I ESA FOR THE MARION COUNTY INDUSTRIAL PARK
ADDRESS: NEAR INTERSECTION OF US HWY 501 AND SENATOR GASQUE RD.
MARION, SOUTH CAROLINA 29565
CLIENT: MARION COUNTY, SOUTH CAROLINA

III. Execution and Verification of Questionnaire

The preparer of the transaction screen questionnaire must complete and sign the following statement.
This questionnaire was completed by:

Name: Garrett R. Wine, E.I.T., LEED Green Associate
Title: Engineering Associate
Firm: Alliance Consulting Engineers, Inc.
Address: Post Office Box 8147
Columbia, SC 29202-8147
Phone Number: 803-779-2078

If the preparer is different than the user, complete the following:

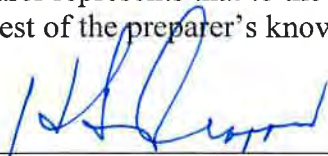
Name of interviewees: H. G. 'Hubb' Clapper
Interviewee's address: One Water Place
Marion, South Carolina 29571

Interviewee's phone number: (843) 496-4447
Interviewee's relationship to site: Representative of the Owner (Watec International)

Copies of the completed questionnaire have been filed at: Alliance Consulting Engineers, Inc., Post Office Box 8147, Columbia, SC 29202-8147

Copies of the completed questionnaire have been mailed or delivered to: Marion County Economic Development Commission, Post Office Box 840, Marion, South Carolina 29571

Preparer represents that to the best of knowledge the above statements and facts are true and correct and to the best of the preparer's knowledge and that no material facts have been suppressed or misstated.



Signature (Owner)


May 10, 2012

Date

NA

Signature (Occupant, if applicable)

Date



Signature (Engineer)

5/10/2012

Date



ALLIANCE CONSULTING ENGINEERS, INC.

POST OFFICE BOX 8147
COLUMBIA, SC 29202-8147

PHONE: (803) 779-2078 FAX: (803) 779-2079

WWW.ALLIANCECE.COM

COMMUNICATIONS MEMORANDUM

Form with fields: BY: GARRETT WINE, DATE: MAY 21, 2012, TIME: 2:45 PM, PROJECT NAME: PHASE I ESA FOR THE MARION COUNTY INDUSTRIAL PARK IN MARION COUNTY, SOUTH CAROLINA, PROJECT NO.: 11185-0034, PERSON: TREY COOPER, POSITION: FIRE CHIEF, COMPANY: CITY OF MARION FIRE DEPARTMENT, PHONE NO: (843) 423-8602, E-MAIL ADDRESS: N/A, FAX NO: N/A, ADDRESS: 107 EAST BOND ROAD, MARION, SOUTH CAORLINA 29571

TELEPHONE [checked] IN PERSON [unchecked]

NOTES:

- Never responded to the Latta Commerce Industrial Park for a fire or for spills of hazardous substances or petroleum products
- No reported releases of hazardous substances or petroleum products have been reported at the Swamp Fox Used Parts facility adjoining the northern boundary.
- Water treatment area located south of the former Road Rescue facility is the most likely location for the release of a hazardous substance; however, there have never been any reported incidents or releases at this location.

ACTION ITEMS:

None

**APPENDIX D
PHASE I ESA COMPLETED BY
ALLIANCE CONSULTING ENGINEERS, INC.
DATED AUGUST 2009**

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
FOR**

**MARION COUNTY INDUSTRIAL PARK
MARION COUNTY TAX MAP
NOS. 0055-00-00-021 AND 0044-00-00-036**

**FOR
MARION COUNTY
ECONOMIC DEVELOPMENT COMMISSION**



**LOCATED IN
MARION COUNTY, SOUTH CAROLINA**

AUGUST 2009

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
FOR**

**MARION COUNTY INDUSTRIAL PARK
MARION COUNTY TAX MAP
NOS. 0055-00-00-021 AND 0044-00-00-036**

**FOR
MARION COUNTY
ECONOMIC DEVELOPMENT COMMISSION**



**LOCATED IN
MARION COUNTY, SOUTH CAROLINA**

Prepared For:

Marion County Economic Development Commission
115 Guyton Road / Post Office Box 840
Marion, South Carolina 29571



Prepared By:

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

Project No. 09137-34
AUGUST 2009

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1.0 INTRODUCTION

This report, prepared for the exclusive use of the Marion County Economic Development Commission, presents the findings of a Phase I Environmental Site Assessment (ESA) of the approximately 349-acre Industrial Park Site. The 349-acre site is divided into three (3) tracts. The first tract of the 349-acre Industrial Park Site consists of an approximately 221-acre site known as the Marion County Industrial Park and also known as Marion County Tax Map No. 055-00-00-021. The second tract of the 349-acre Industrial Park Site consists of an approximately 59.7-acre portion of Marion County Tax Map No. 044-00-00-036 adjacent to Marion County Industrial Park and between the property currently owned by Marion County and U.S. Highway 501 (See Exhibit C) and Marion County currently has this portion of the property under contract to purchase. As we understand, Marion County is considering purchasing the 59.7-acre property that is presently owned by T.C. Atkinson III and John W. Atkinson. The third tract consists of an approximately 68.3-acre portion of Marion County Tax Map No. 044-00-00-036 located on the northeastern side of U.S. Highway 501 (See Exhibit C). As we understand, Marion County holds the option to purchase the 68.3-acre property that is presently owned by T.C. Atkinson III and John W. Atkinson. The performance of this Phase I ESA for was authorized by Mr. Rodney Berry, Executive Director for Marion County Economic Development Commission in his acceptance of Alliance Consulting Engineers, Inc.'s proposal executed by Mr. Deepal S. Eliatamby, P.E., President of Alliance Consulting Engineers, Inc.

This assessment was performed in general conformance with the provisions set forth in the *American Society for Testing and Materials (ASTM) E-1527 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. ASTM E-1527 defines a Phase I ESA as the process by which an entity seeks to determine if a particular parcel of commercial real estate is subject to *recognized environmental conditions*. In this ASTM Standard Practice, the term *recognized environmental conditions* means the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of release of these substances or products into the ground, groundwater, or surface water of the property. The opinions, conclusions, and recommendations presented within this report are based on information obtained during the assessment, as well as from Alliance Consulting Engineers, Inc.'s experience. If additional information that might impact these environmental conclusions becomes available, it is requested that Alliance Consulting Engineers, Inc. be granted the opportunity to review the information and reassess any potential concerns.

The Phase I ESA is a general characterization of environmental concerns based on readily available information and site observations. In order to accomplish these stated objectives, the following engineering services were performed:

- A. A site visit to the property to observe the site conditions relative to environmental concerns;

- B. An automobile and foot tour of the surrounding areas to determine if obvious adjacent land use might suggest potential environmental problems;
- C. A query of environmental records available from the South Carolina Department of Health and Environmental Control (SCDHEC) and the United States Environmental Protection Agency (USEPA);
- D. A review of selected available documents to aid in assessing the historical and current use of the site and surrounding properties;
- E. A brief, qualitative hydraulic evaluation of the site and vicinity to characterize the area drainage.

2.0 SITE DESCRIPTION

2.1 Location

A Vicinity Map, Site Location Map, Aerial Map, Topographic Map, Soils Map, Federal Emergency Management Agency (FEMA) Flood Map, and a National Wetlands Inventory (NWI) Map depicting the property are presented in Exhibits A through G, respectively. The Site Location Map is derived from the South Carolina Department of Transportation's (SCDOT) Highway Map of Marion County dated 1975. The Aerial Map is derived from the South Carolina Department of Natural Resources (SCDNR) DOQQ Archive dated 2006. The Topographic Map is derived from the United States Geological Survey's (USGS) Mullins, South Carolina quad map dated 1981. The Soils Map was derived from the United States Department of Agriculture Natural Resources Conservation Service's (USDA-NRCS) Marion County Soil Survey, sheets nos. 7 and 13 dated 1980. The FEMA Flood Map was derived from the FEMA flood map catalog, panel nos. 106 and 107, dated June 18, 1990. The NWI Map was obtained from the United States Fish and Wildlife Service. Various photographs of the property are presented in Appendix A.

The site is bound to the east by nine (9) properties and to the west by three (3) properties and Lawrence Conner Road (S-34-682). The site is bound to the north by three (3) properties and the site is bound to the south by Wise Chapel Court (S-34-331). A detailed list of the adjacent property owners information can be found in Table 1 below.

TABLE 1- ADJACENT PROPERTY OWNERS

Tax Map No.	Acreage	Property Owner	Boundary Direction
044-00-00-031	116.7	D.B. Shelley Estate	East
044-00-00-061	2.4	Lauren S. and Don Denitto	East
044-00-00-035	33.7	Carl T. Hucks	North
044-00-00-041	58.0	Kelly Bob Sawyer III	North
044-00-00-091	13.2	Charles W. Wallace	North
044-00-00-099	1.0	Donna F. Long	East
044-00-00-250	4.6	Sheila S. Ammons	East
044-00-00-251	N/A	Lauren S. Denitto	East
055-00-00-001	50.4	Jimmy B. Calder and Sharon G. Calder	East
055-00-00-003	33.5	Thelbert Lee Elliott	East
055-00-00-020	1.8	Joyce L. Graham	East
055-00-00-029	15.7	Esther R Etal Sawyer	West
055-00-00-030	30.0	Statcher Rogers	West
055-00-00-091	3.0	Kelly Bob Sawyer III	West
055-00-00-203	9.8	Daniel Benjamin Shelley, Jr.	East

PHASE I ESA FOR THE MARION COUNTY INDUSTRIAL PARK MARION COUNTY, SOUTH CAROLINA VICINITY MAP



+/- 349 Acres

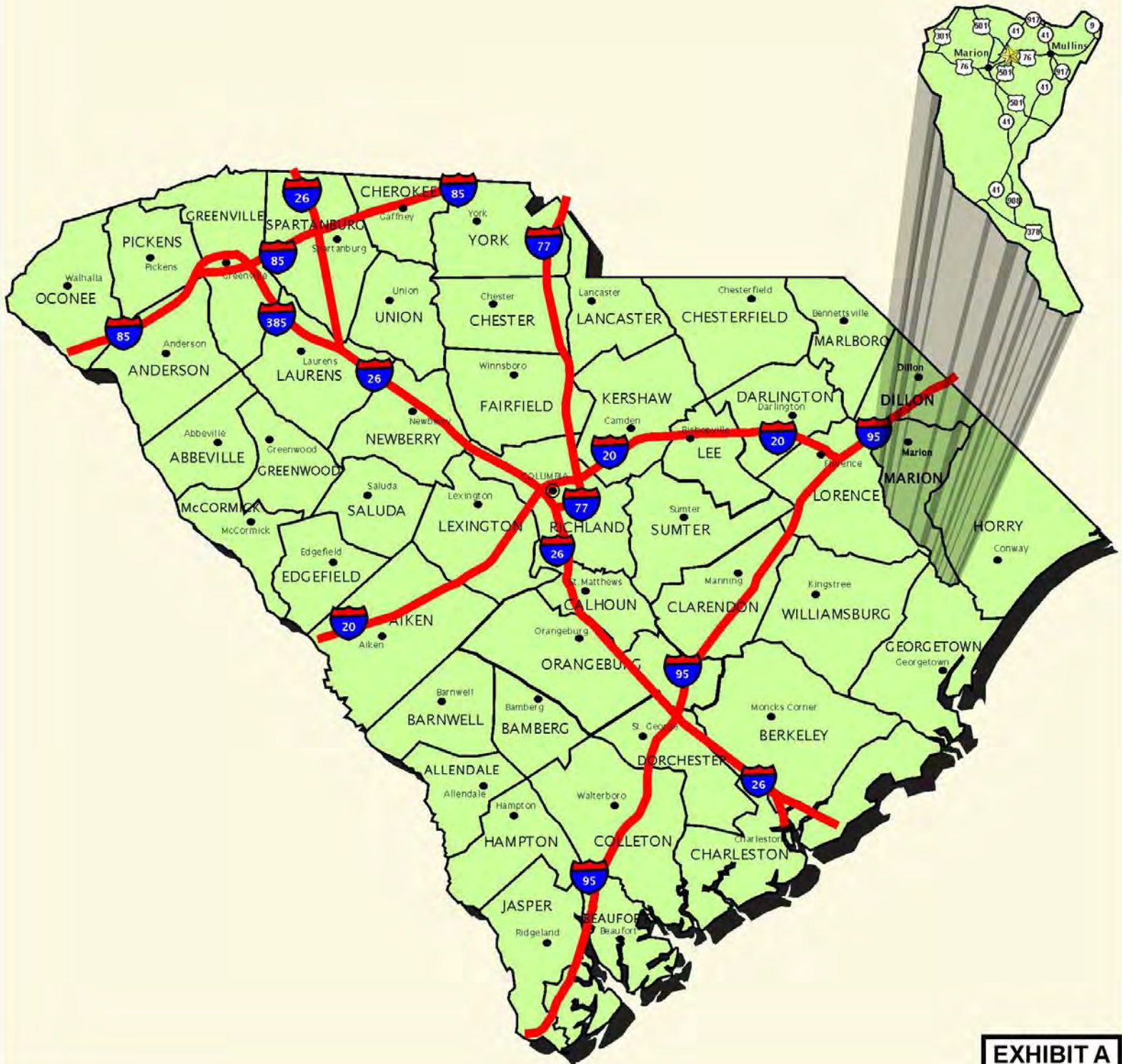
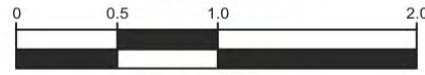


EXHIBIT A

PHASE I ESA FOR THE MARION COUNTY INDUSTRIAL PARK MARION COUNTY, SOUTH CAROLINA SITE LOCATION MAP



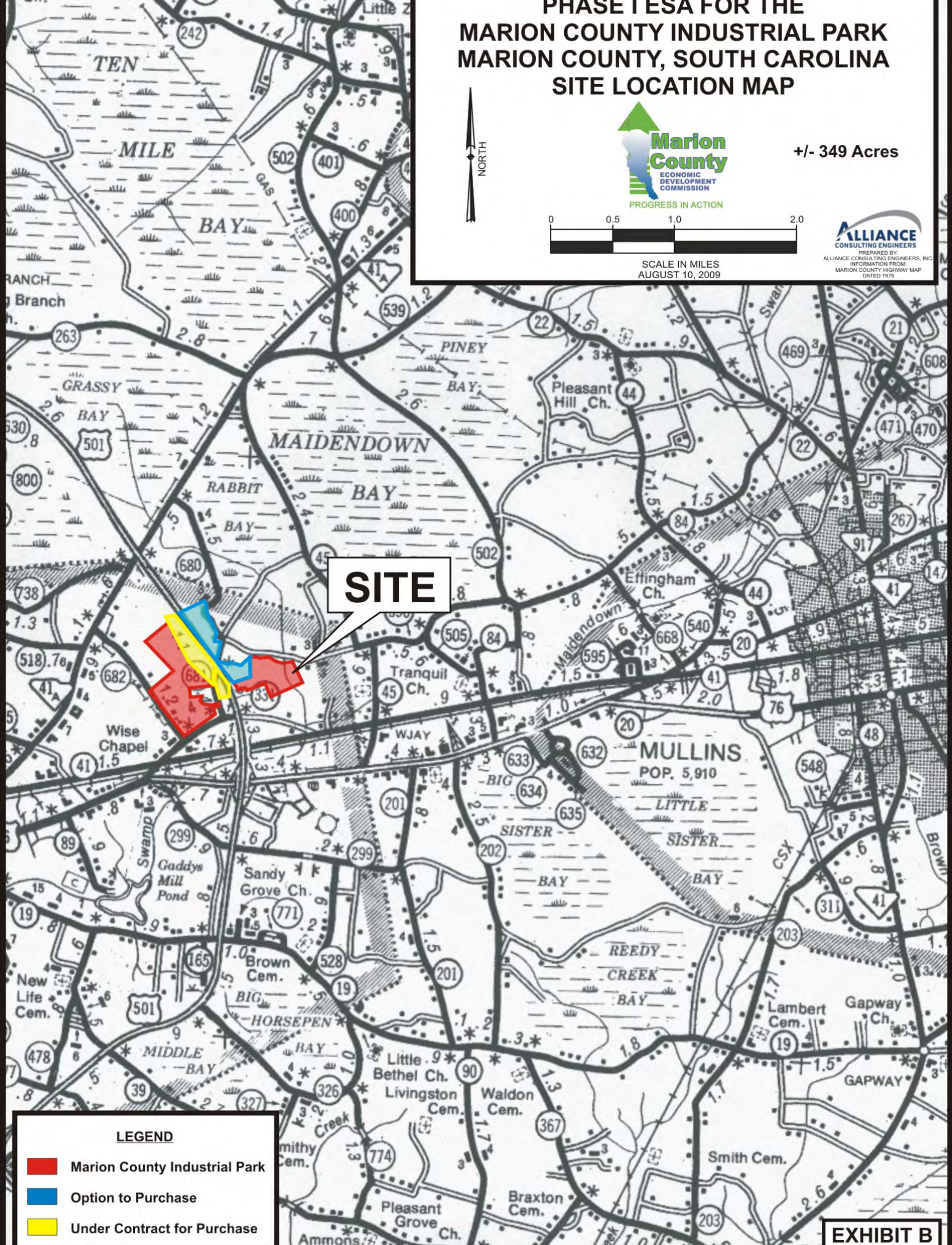
+/- 349 Acres



SCALE IN MILES
AUGUST 10, 2009



PREPARED BY
ALLIANCE CONSULTING ENGINEERS, INC.
INFORMATION FROM
MARION COUNTY HIGHWAY MAP
DATED 1975



SITE

LEGEND

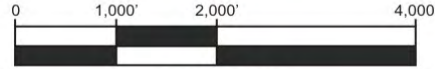
- Marion County Industrial Park
- Option to Purchase
- Under Contract for Purchase

EXHIBIT B

PHASE I ESA FOR THE MARION COUNTY INDUSTRIAL PARK MARION COUNTY, SOUTH CAROLINA AERIAL MAP



+/- 349 Acres



GRAPHIC SCALE
AUGUST 10, 2009

ALLIANCE
CONSULTING ENGINEERS
PREPARED BY:
ALLIANCE CONSULTING ENGINEERS, INC.
INFORMATION FROM:
SCDIR, 0000 ARCHIVE
MULLINS NW & SW, SC
DATED 2008

SITE

SEABOARD COAST LINE RAILROAD

41

76

501

LEGEND




-  Marion County Industrial Park
-  Option to Purchase
-  Under Contract for Purchase

EXHIBIT C

PHASE I ESA FOR THE MARION COUNTY INDUSTRIAL PARK MARION COUNTY, SOUTH CAROLINA TOPOGRAPHIC MAP



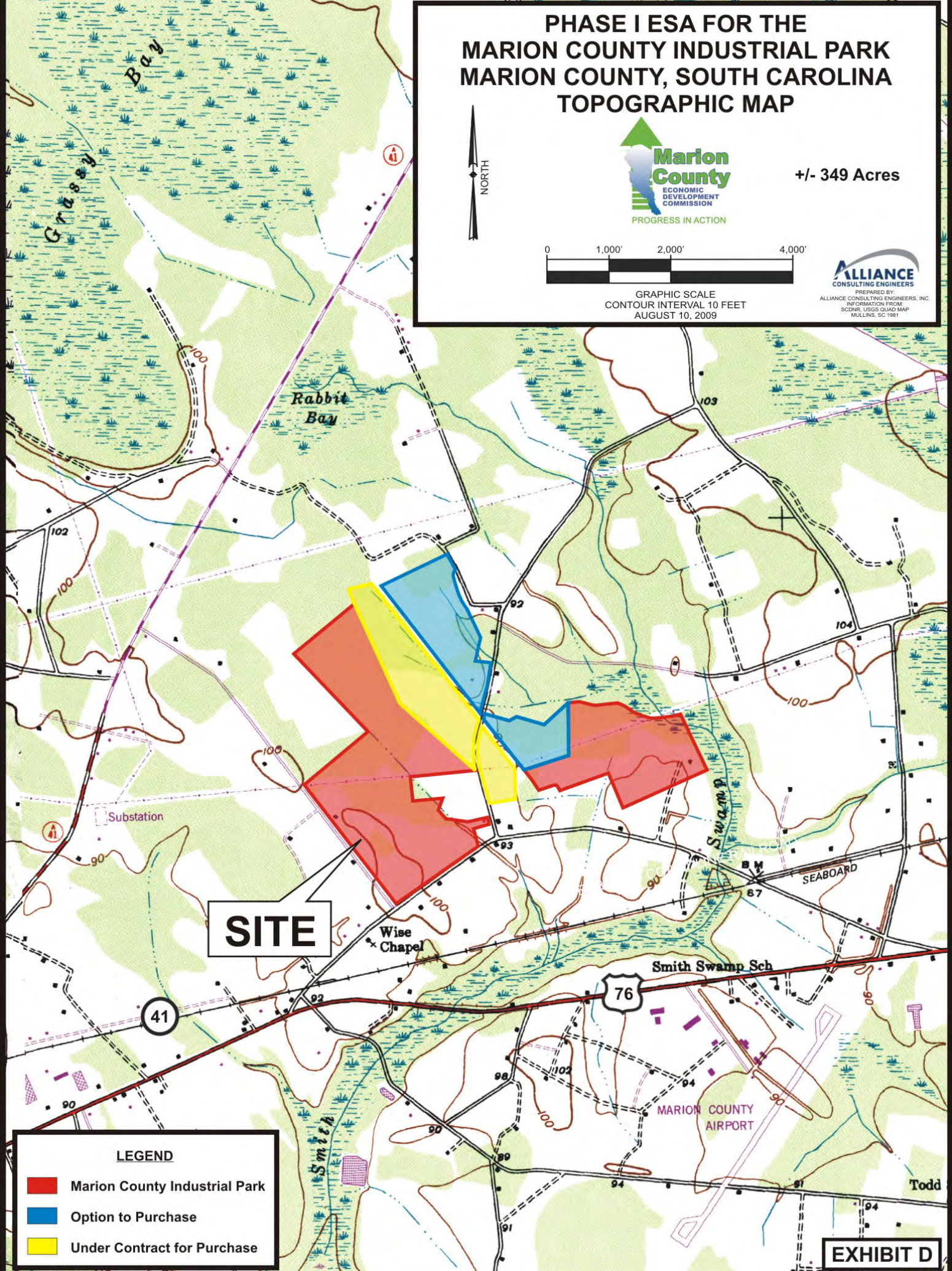
+/- 349 Acres



GRAPHIC SCALE
CONTOUR INTERVAL 10 FEET
AUGUST 10, 2009



PREPARED BY:
ALLIANCE CONSULTING ENGINEERS, INC.
INFORMATION FROM:
SCORP, USGS QUAD MAP
MULLINS, SC 1981



SITE

LEGEND

- Marion County Industrial Park
- Option to Purchase
- Under Contract for Purchase

EXHIBIT D

PHASE I ESA FOR THE MARION COUNTY INDUSTRIAL PARK MARION COUNTY, SOUTH CAROLINA SOILS MAP

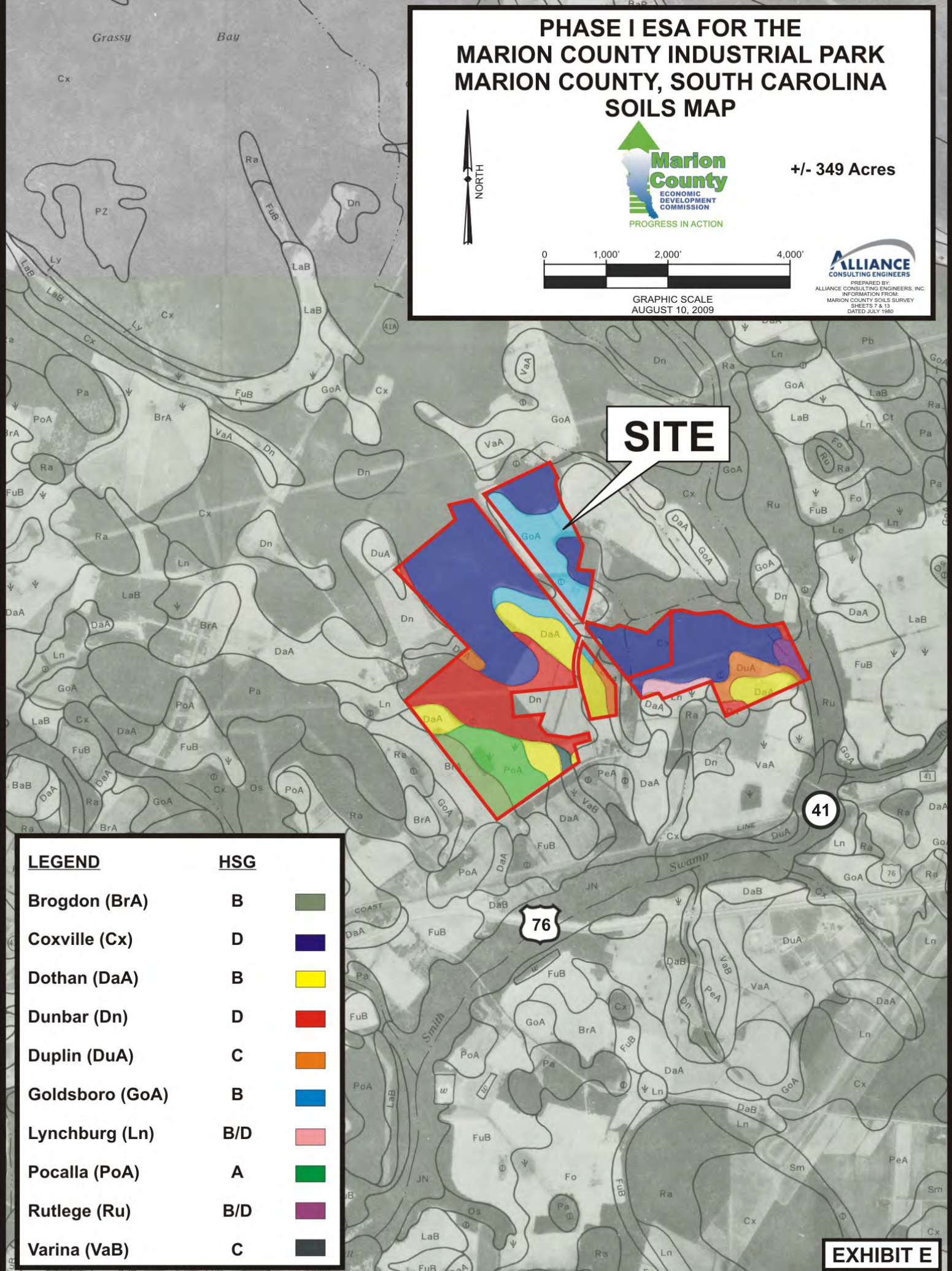


+/- 349 Acres



GRAPHIC SCALE
AUGUST 10, 2009

PREPARED BY:
ALLIANCE CONSULTING ENGINEERS, INC.
INFORMATION FROM:
MARION COUNTY SOILS SURVEY
SHEETS 7 & 13
DATED JULY 1989



SITE

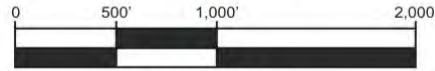
<u>LEGEND</u>	<u>HSG</u>	
Brogdon (BrA)	B	
Coxville (Cx)	D	
Dothan (DaA)	B	
Dunbar (Dn)	D	
Duplin (DuA)	C	
Goldsboro (GoA)	B	
Lynchburg (Ln)	B/D	
Pocalla (PoA)	A	
Rutlege (Ru)	B/D	
Varina (VaB)	C	

EXHIBIT E

PHASE I ESA FOR THE MARION COUNTY INDUSTRIAL PARK MARION COUNTY, SOUTH CAROLINA FEMA FLOOD MAP



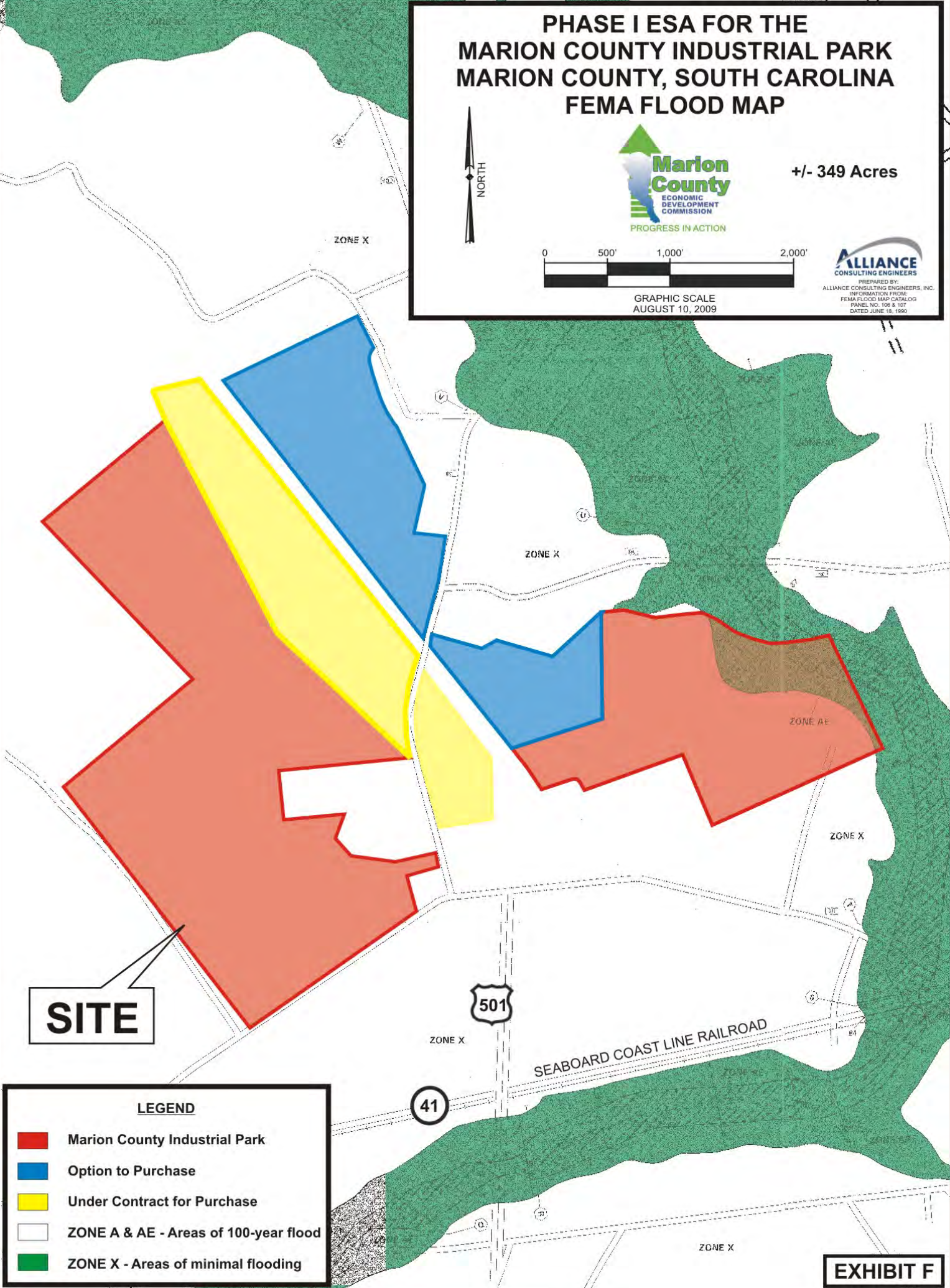
+/- 349 Acres



GRAPHIC SCALE
AUGUST 10, 2009



PREPARED BY:
ALLIANCE CONSULTING ENGINEERS, INC.
INFORMATION FROM:
FEMA FLOOD MAP CATALOG
PANEL NO. 106 & 107
DATED JUNE 18, 1990



SITE

LEGEND

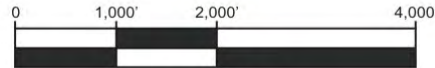
- Marion County Industrial Park
- Option to Purchase
- Under Contract for Purchase
- ZONE A & AE - Areas of 100-year flood
- ZONE X - Areas of minimal flooding

EXHIBIT F

PHASE I ESA FOR THE MARION COUNTY INDUSTRIAL PARK MARION COUNTY, SOUTH CAROLINA NWI MAP



+/- 349 Acres



GRAPHIC SCALE
AUGUST 10, 2009



PREPARED BY:
ALLIANCE CONSULTING ENGINEERS, INC.
INFORMATION FROM:
WETLAND ONLINE MAPPER
CREDIT: US FISH & WILDLIFE SERVICE

SITE

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

- LEGEND**
- Marion County Industrial Park
 - Option to Purchase
 - Under Contract for Purchase

EXHIBIT G

2.2 Current Site Use

The approximately 221-acre property known as Marion County Tax Map No. 055-00-00-021, the has a zoning designation of Industrial Park District as indicated by the Marion County Records. This property currently consists of agriculture fields, farm lands, timber farms, and/or undeveloped wooded property.

The 59.7-acre portion of the property which is known as Marion County Tax Map No. 044-00-00-036 is located between the current Marion County Industrial Park and U.S. Highway 501 (See Exhibit C). Furthermore, it is our understanding that this portion of the property is currently under contract for purchase by Marion County, and currently has a zoning designation of Industrial Park District as indicated by the Marion County Records. This portion of the property currently consists of agriculture fields and/or undeveloped wooded property.

The 68.3-acre portion of the property known as Marion County Tax Map No. 044-00-00-036 located to the eastern side of the U.S. Highway 501 (See Exhibit C). Furthermore, it is our understanding that this portion of the property is currently under option to purchase by Marion County, and has a zoning designation of Industrial Park District as indicated by the Marion County Records. This portion of the property currently consists of agriculture fields, farm lands, timber farms, and/or undeveloped wooded property.

2.3 Past Site Use and Ownership

Information gathered from reviews of Marion County Tax Maps, recorded deeds and plats, and personal interviews indicates that the property known as the Marion County Industrial Park, Marion County Tax Map No. 055-00-00-021, was previously used as farm

lands, timber farms, and/or undeveloped wooded property. The reasonably ascertainable ownership history of the overall parcel known as Marion County Tax Map No. 055-00-00-021 is presented below.

December 13, 1989: Marion County acquires the properties from Rhane Guyton and Eloise M. Guyton.

Information gathered from reviews of Marion County Tax Maps, recorded deeds and plats, and personal interviews indicates that the property known as the Marion County Industrial Park, Marion County Tax Map No. 044-00-00-036, was previously used as farm lands, timber farms, and/or undeveloped wooded property. The reasonably ascertainable ownership history of the overall parcel known as Marion County Tax Map No. 044-00-00-036 is presented below.

December 18, 1995: Carrell Atkinson, Jr. acquires the properties from D. J. Atkinson

February 2, 1989 D.J. Atkinson acquires the properties from Warren Lane

2.4 Current Surrounding Land Use

The Marion County Industrial Park site consist of approximately 221-acres of land, the site is bound to the north by woodlands and agricultural land use, to the west by residential and agricultural properties, to the south by surrounding industries and residential land use, and to the east by residential property, agricultural property, and Smith Swamp, as illustrated on the Site Location Map and Aerial Map. Smith Swamp is directly east of the site with the eastern boundary being flanked by similar uses as the northern boundary. Immediately to the south, there are several small to medium size industrial developments

including: Pee Dee Electric Cooperative, Inc., Datwyler Rubber and Plastics, Inc., Road Rescue, Inc., Industrial Solutions, and Wellman, Inc. The southern boundary of the Industrial Park is Wise Chapel Road (S-34-331). Lawrence Conner Road (S-34-682) comprises the majority of the western boundary of the site and offers similar adjacent land uses as the northern and eastern boundaries.

The 59.7-acre tract of the property known as Marion County Tax Map No. 044-00-00-036 is located at the intersection of U.S. Highway 501 and Gurley Road, which Marion County currently has under contract, is bound to the north and east mostly by the U.S. Highway 501. This property is bound to the south by the Pee Dee Electrical Cooperative, Inc., and to the west by Gurley Road.

The 68.3-acre tract of the property along the eastern side of the U.S. Highway 501 is property which Marion County currently holds the option to purchase. This portion of the property is bound to the west by U.S. Highway 501, to the north by woodland, residential, and agricultural land uses. This property is bound the south by properties which have similar uses as properties to the north. This property is bound to the east by woodland, residential, agricultural land uses, and by Smith Swamp.

2.5 Past Surrounding Land Use

Information gathered from reviews of Marion County Tax Maps, recorded deeds and plats, and questionnaires suggests that prior to the usages described in Section 2.4, the surrounding lands were farm lands, timber farms, residential dwellings, and/or undeveloped wooded property.

2.6 Drainage

Surface and subsurface drainage is often of interest during an environmental assessment because it provides an indication of the direction in which contaminants could be transported by surface waters or groundwater. A USGS Topographic Map was used to characterize suspected drainage patterns as well as a general evaluation of the properties. Based upon a review of Marion County's FEMA Flood Map, it appears that a portion of the southeastern corner of the property, Marion County Tax Map No. 055-00-00-021, is located within the 100-year flood plain. Based on a review of the United States Department of the Interior's National Wetlands Inventory (NWI) Maps, it appears that portions of the properties are located within mapped jurisdictional wetlands.

The property, Marion County Tax Map No. 055-00-00-021, drains from the northwest to the southeast directly into Smith Swamp through a series of on-site ditches and roadway culverts conveying stormwater under Wise Chaple Road. The precise direction of groundwater flow is a parameter that is not always easily discernible for a particular site and is beyond the scope of this assessment effort. Based on the topography of the property, groundwater is believed to flow in a southeastern direction from the northwestern corner of the property and essentially following the flow direction to the Smith Swamp.

The 59.7-acre tract of the property, Marion County Tax Map No. 044-00-00-036, which Marion County currently has under contract to purchase are not located within the 100-year flood plain, based on a review of the Marion County FEMA Flood Map for this area. In addition, after review of the United States Department of the Interior's National Wetlands Inventory (NWI) Maps, it appears that portions of the property which Marion County has under contract to purchase maybe located within mapped jurisdictional wetlands.

The 59.7-acre tract of the property which Marion County has under contract to purchase, Marion County Tax Map No. 044-00-00-036, drains to an existing roadside ditch along U.S. Highway 501 and drains from the northwest to the southeast into Smith Swamp. The precise direction of groundwater flow is a parameter that is not always easily discernible for a particular site and is beyond the scope of this assessment effort. Based on the topography of the property, groundwater is believed to flow in a southeastern direction from the northwestern corner of the property and essentially following the flow direction to the Smith Swamp.

The 68.3-acre tract of the property, Marion County Tax Map No. 044-00-00-036, which Marion County currently holds the option to purchase are not located within the 100-year flood plain based on a review of the Marion County FEMA Flood Map of this area. Based on a review of the United States Department of the Interior's National Wetlands Inventory (NWI) Maps, it appears that some areas of the portions of the property which Marion County holds the option to purchase maybe located within the mapped jurisdictional wetlands.

The 68.3-acre tract of the property which Marion County currently holds the option to purchase, Marion County Tax Map No. 044-00-00-036, drain similarly to Marion County Tax Map No. 055-00-00-021. The property drains from the northwest to the southeast to an existing roadside ditch along U.S. Highway 501 and into Smith Swamp. The precise direction of groundwater flow is a parameter that is not always easily discernible for a particular site and is beyond the scope of this assessment effort. Based on the topography of the property, groundwater is believed to flow in a southeastern direction from the

northwestern corner of the property and essentially following the flow direction to the Smith Swamp.

3.0 REGULATORY RECORDS REVIEW

A primary purpose of this Phase I ESA was to perform a sufficient assessment to identify any obvious actual and potential sources of contamination that might be associated with the property in question. Information related to the past and present use of the property is of extreme interest in assessing its environmental condition. Recognition of the manner in which human activities have affected a tract of land is vital in evaluating the impact that these activities may have had on the property and the environment.

Alliance Consulting Engineers, Inc. utilized the services of its sub-consultant, Environmental Data Management, Inc., to query the environmental regulatory lists available through the USEPA and the SCDHEC for any regulated sites within the recognized ASTM search radius. This environmental data report is presented in its entirety as Appendix B.

The following USEPA regulatory lists were reviewed using the indicated standard ASTM search radii:

- National Priorities List (NPL) - [1.0 mile]
- Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) - [0.5 mile]
- Archived Cerclis Sites (NFRAP) – [0.5 miles]
- Emergency Response Notification System List (ERNS) - [0.25 mile]
- Resource Conservation and Recovery Information System (RCRIS) Handlers With Corrective Action (CORRACTS) - [1.0 mile]
- Resource Conservation and Recovery Act (RCRA) Treatment, Storage, and/or Disposal Sites (TSD) - [1.0 mile]
- RCRA LQG, SQG, CESQG, and Transporters (NONTSD) – [0.25 mile]
- Tribal Tanks List (TRIBLTANKS) – [0.25 mile]
- Tribal Lust List (TRIBLLUST) – [0.50 mile]
- Brownfields Management System – [USBRWNFLDS 0.5 mile]

Additionally, the following SCDHEC regulatory lists were reviewed using the indicated standard ASTM search radii:

- South Carolina State Priority List Sites (STNPL) - [1.0 mile]
- South Carolina Solid Waste Facilities List (SLDWST) - [0.5 mile]
- South Carolina Leaking Underground Storage Tanks List (LUST) - [0.5 mile]
- South Carolina Underground/Aboveground Storage Tanks (TANKS) - [0.25 mile]
- South Carolina State Dry Cleaners List (DRY) - [0.50 mile]
- South Carolina State Designated Brownfields (BRWNFLDS) – [0.50 mile]
- South Carolina State Voluntary Cleanup List (VOLCLNUP) – [0.50 mile]
- South Carolina State Spills List (SPILLS) – [0.25 mile]

Also the following supplemental databases lists were reviewed using the indicated standard ASTM search radii:

- Record of Decisions System (RODS) - [1.0 mile]
- RCRA Administrative Action Tracking System (RAATS) - [1.0 mile]
- Biennial Reporting System (BRS) - [0.25 mile]
- PCB Activity Data System (PADS) - [0.25 mile]
- Permit Compliance System (PCS) - [0.25 mile]
- Facility Registry System (FRS) – [0.25 mile]
- Toxic Release Inventory System (TRIS) – [0.25 mile]

Five (5) facilities were identified within the standard ASTM search radii of the subject property. These facilities are presented in Table 2.

TABLE 2- SITES WITHIN STANDARD ASTM RADIUS			
SITE OR FACILITY	DISTANCE (mi)	DIRECTION	LISTING
Pee Dee Electric Cooperative, Inc.	0.4	SE	FRS, TANKS
Road Rescue, Inc.	0.6	E	FRS, NONTSD
KRP Industries Inc- Marion	0.7	SE	FRS, NONTSD
Wellman Incorporated - Marion Plant	0.7	SE	FRS, NONTSD
Estate of D. Legrant Bryant.	0.9	S	LUST

The proximal portion of the mapped sites of the environmental data report lists facilities and sites that appear outside of the study area but are in close proximity to the research boundary. These sites are not included in the standard ASTM radii, but fall into the following categories:

1. The location of the site occurs close to the research boundary;
2. The property boundary of the site may be large enough that the physical address may be outside of the study area, but the property boundary may extend into the study area;
3. The address data, derived from the United States Census Bureau, does not always contain the most accurate address information. The proximal portion of these results, therefore, includes the addresses in close proximity to the ASTM search radii.

A review of these criteria indicates that there is one (1) site that falls within these proximal results. This facility and its listing is presented in Table 3.

TABLE 3- PROXIMAL SITES	
SITE OR FACILITY	LISTING
Marion County Technical Education	LUST

There are forty-two (42) non-mapped sites that may exist within the study area but lack the needed address information for mapping. Many of these sites contain the same zip code as the subject site or do not have zip code or address data available. Table 4 contains these sites.

TABLE 4 NON-MAPPED SITES	
SITE OR FACILITY	LISTING
Rain Grocery	TANKS
Hood's Cars & Used Parts.	LUST
Marco Development LLC.	FRS
Marion Convalescence	FRS
Carmichael Enterprises Inc.	FRS
Old Sch Sptwear.	FRS
Thomas MHP	FRS
Thomas Supply Co	TANKS,FRS
Estate of Jimmy Carter	FRS
T C Powers Grocery	FRS, TANKS, LUST
B&W Country Convenience Store	FRS, TANKS, LUST
Al Williams Enterprise	FRS
J Rogers Camp No. 2	FRS
Zack S Watson Grocery	FRS
Beaver Dam Flats Inc.	FRS
Ed Capps Jr.	FRS, TANKS
Draper Construction Co.	FRS
501 Restaurant	FRS
B&M Enterprise	LUST
BellSouth Service	TANKS,FRS
MP SH308.9	ERNS
Bobby Gerald Mobile Home Park No. 2	FRS
Sharis Mobile Home Park	FRS
Bobby Gerald Mobile Home Park	FRS
Nichols Transport Co.	NONTSD, FRS
Concrete Construction Products Inc.	FRS
Gapway Baptist Church	FRS, LUST
Warner Baxley & Howard Thomas	FRS
R Sinclair Camp	FRS
R&B Convenience Store.	FRS, LUST, TANKS
Baker Brothers Foxwood Mine	FRS
Lewellen Trailer Park No. 1	FRS
Lewellen Trailer Park No. 2	FRS
Baxleys Trailer Park B	FRS
Baxleys Trailer Park C	FRS
Baxleys Trailer Park A	FRS
Scarng OMS 15	FRS, NONTSD
Mullins Marion Christian School	FRS
Jiffy Mart 1	LUST
H K Mcrae Camp	FRS
John Marlow Grocery	FRS
Mile Post A273.4	ERNS

It should be noted that regulatory listings and regulatory agency files are often limited. The regulatory listings include only those sites that are known to regulatory agencies, at the time of publication, to practice operations which require licensing or permitting, or those sites known to be contaminated or possess a potential for contamination as a result of the generation and/or handling of hazardous materials and/or petroleum products.

4.0 SITE RECONNAISSANCE AND INTERVIEW INFORMATION

Mr. Robert “Bob” M. Freeman of Alliance Consulting Engineers, Inc. toured the Marion County Industrial Park and the portions of the property which Marion County is considering purchasing or have the option to purchase on August 5, 2009. On-site conditions or items that were observed are depicted in Table 5.

TABLE 5 – OBSERVED ON-SITE CONDITIONS OR ITEMS		
On-Site Conditions or Items	Observed	If yes, describe
a. above ground storage tanks	Yes	Existing Elevated Portable Water Storage Tank
b. underground storage tanks	No	
c. pipelines	No	
d. damaged/leaking transformers	No	
e. surface impoundment/holding ponds	Yes	One existing pond located to the southwestern portion of the property.
f. monitoring wells	No	
g. remedial cleanup activity	No	
h. landfill/burial activity	No	
i. chemical spills or releases	No	
j. gas/oily sheens on water (excluding parking lot ponding)	No	
k. chemical/petroleum odors	No	
l. stained or discolored soil	No	
m. distressed/discolored vegetation (chemically impacted)	No	
n. dumping	Yes	Metal and wood debris located near the southwest corner of the Marion County Industrial Park
o. stored substances/drums/containers/vats	No	
p. spray rigs/tankers/mobile storage tanks	No	
q. sprayed on structural fire proofing	No	
r. sprayed on acoustical/textured ceilings	No	

TABLE 5 – OBSERVED ON-SITE CONDITIONS OR ITEMS CONTINUED

On-Site Conditions or Items	Observed	If yes, describe
s. damaged thermal insulation	No	
t. marshes/low lying wetlands	Yes	Wetlands
v. air emission facilities	No	

While on site, Mr. Freeman observed several electrical transformers that did not appear to be leaking. Mr. Freeman did not observe any storm drainage inlets, outlets, or ditches that had distressed vegetation, gas, or oily sheens in or around them. Surface water observed on-site included an existing pond and wetland area along Smith Swamp. No apparent signs of gas or oily sheens were observed on water bodies located on site. Mr. Freeman observed that a small pile of debris consisting of metal and wood had been dumped adjacent to the existing pond. It is recommended that this debris be removed from the property. Mr. Freeman also observed that Swamp Fox Used Auto Parts or a “junkyard” is located along the northern boundary of the 68.3-acre tract of the property known as Marion County Tax Map No. 044-00-00-036 that Marion County currently holds an option to purchase. In our professional opinion this “junkyard” is considered a *recognized environmental condition* which follows into the likely presence of petroleum products that may indicate an existing release, past release, or a material threat of release of these substances or products into the ground, groundwater, or surface water of the adjacent property.

On August 14, 2009, Marion County (Mr. Rodney Berry, Executive Director), who is a representative of the owner the property, Marion County Tax Map No. 055-00-00-021,

indicated that to the best of his knowledge and belief there were currently no known and/or have not been any environmental liens or governmental notifications relating to environmental laws; nor any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of a hazardous substance on the property. Mr. Berry did not have any other knowledge of any hazardous substances, petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials being dumped above grade, buried, and/or burned on the property.

On August 14, 2009, Mr. T.C. Atkinson, III, who owns the property with Mr. John W. Atkinson, Marion County Tax Map No. 044-00-00-036, indicated that to the best of his knowledge and belief there were currently no known and/or have not been any environmental liens or governmental notifications relating to environmental laws; nor any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of a hazardous substance on the property. Mr. T.C. Atkinson, III did not have any other knowledge of any hazardous substances, petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials being dumped above grade, buried, and/or burned on the property.

5.0 FINDINGS, CONCLUSIONS, AND RECOMMENDATIONS

This report, prepared for the exclusive use of Marion County Economic Development Commission, presents the findings of a Phase I Environmental Site Assessment (ESA) of the approximately 349-acre site Industrial Park Site. The 349-acre site is divided into three (3) tracts. The first tract of the 349-acre Industrial Park Site consists of an approximately 221-acre site known as the Marion County Industrial Park and also known as Marion County Tax Map No. 055-00-00-021. The second tract consists of an approximately 59.7-acre portion of Marion County Tax Map No. 044-00-00-036. The third tract consists of an approximately 68.3-acre portion of Marion County Tax Map No. 044-00-00-036 located on the northeastern side of the U.S. Highway 501, near the City of Marion in Marion County, South Carolina. This Phase I ESA was completed in general conformance with the provisions set forth in the *American Society for Testing and Materials (ASTM) E-1527 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* as a non-invasive study of obvious on-site or off-site sources of significant environmental concern. During this ESA, specific physical evidence or documentation of *recognized environmental conditions* at the property were investigated.

A query of environmental regulatory lists available through the USEPA and the SCDHEC revealed that five (5) facilities were identified within the standard ASTM search radii of the subject property known as the Marion County Industrial Park and the property which Marion County is considering to purchase or has the option to purchase. None of those facilities appear to have impacted the subject properties.

Mr. Freeman observed that Swamp Fox Used Auto Parts is located along the northern boundary of the 68.3-acre tract of the property, Marion County Tax Map No. 044-00-00-036, which Marion County has the option to purchase.

The Marion County Industrial Park site known as Marion County Tax Map No. 055-00-00-021 has been previously utilized as agriculture fields, farm lands, timber farms, and/or undeveloped wooded property. During the site investigation nothing was observed that would indicate that petroleum products or hazardous materials were stored at that site. A small pile of debris was noted adjacent to the existing pond which should be removed and disposed of properly. The conditions did not appear to indicate an existing release, a past release, or a material threat of release of these products or substances into the ground, groundwater, or surface water of this property.

The 59.7-acre tract, a portion of Marion County Tax Map No. 044-00-00-036 which Marion County currently has under contract to purchase has been previously utilized as agriculture fields, farm lands, timber farms, and/or undeveloped wooded property. During the site investigation nothing was observed that would indicate that petroleum products or hazardous materials were stored at that site. The conditions did not appear to indicate an existing release, a past release, or a material threat of release of these products or substances into the ground, groundwater, or surface water of the property.

The 68.3-acre tract which Marion County holds the option to purchase, known as a portion of Marion County Tax Map No. 044-00-00-036, has been previously utilized as agriculture fields, farm lands, timber farms, and/or undeveloped wooded property. During the site investigation nothing was observed that would indicate that petroleum products or

hazardous materials were stored on the site. However, during the onsite investigation, it was observed that Swamp Fox Used Auto Parts or a “junkyard” is located along the northern boundary of the portion of the property known as Marion County Tax Map No. 044-00-00-036. In our professional opinion this “junkyard” is considered a *recognized environmental condition* which follows into the likely presence of petroleum products that may indicate an existing release, past release, or a material threat of release of these substances or products into the ground, groundwater, or surface water of the adjacent property. Moreover, Swamp Fox Used Auto Parts has been in business since 1976, and due to the nature of used parts facilities such as this, it is recommended that soil and ground water testing be performed along the northern property boundary to determine if a portion of the 68.3-acre property known as Marion County Tax Map No. 044-00-00-036, which Marion County currently has an option to purchase, has been impacted by seepage of petroleum products or hazardous materials prior to their purchase of this property.

6.0 LIMITATIONS OF LIABILITY

As indicated in ASTM E1527, the practice of completing a Phase I ESA is intended to constitute *all appropriate inquiries* to permit the User to satisfy one requirement to qualify for *Landowner Liability Protections* including the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on Comprehensive Environmental Response Compensation Liability Act (CERCLA) liability in an approach that is both commercially prudent and reasonable. As such, ASTM E1527 seeks to reduce, but not eliminate, uncertainty regarding the potential for *recognized environmental conditions* in connection with the property. Further, *appropriate inquiry* does not imply an exhaustive assessment of real property, but instead calls for the environmental professional to identify a balance between competing demands of limited cost and time and the reduction of uncertainty about unknown conditions.

It is important to note that the ability to complete the services involved with the review of public records and maps as well as the ability to conduct interviews with appropriate individuals is highly dependent upon the duration of the project schedule. In some instances, there is a need to review further information or interview other individuals that cannot be obtained within the duration of the project schedule. At the discretion of the User, the report can be finalized without the benefit of the additional information or the project duration can be extended to allow for further review. ASTM E1527 states that information is reasonably ascertainable if it can be provided for review within twenty (20) days of the request.

7.0 STATEMENT OF QUALIFICATIONS

Alliance Consulting Engineers, Inc. is a South Carolina based consulting engineering firm engaged in the practice of civil, structural, and environmental engineering. The firm was founded in 2004, and its offices are located in Columbia, South Carolina. The staff of Alliance Consulting Engineers, Inc. currently consists of one (1) principal, five (5) senior project managers, two (2) project engineers, twelve (12) engineering associates, one (1) design associate, five (5) CAD technicians, one (1) special projects consultant, one (1) consultant, one (1) local government liaison, and two (2) administrative assistants. Alliance Consulting Engineers, Inc.'s staff includes seven (7) registered Professional Engineers, one (1) registered Landscape Architect, and the firm is properly licensed to practice engineering in South Carolina and seven (7) other states.

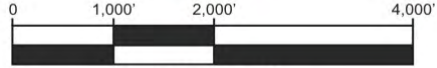
The firm is regularly involved in performing engineering services for municipal, industrial, institutional, and commercial clients on projects that span the breadth of the civil, structural, and environmental engineering disciplines. Environmental work regularly performed by the firm includes Potable Water Facilities, Wastewater Facilities, Stormwater Facilities, Environmental Site Assessments, Air Quality Permitting, and Solid Waste Management. The firm has performed numerous Environmental Site Assessments. A resume of the senior project manager associated with this assessment is presented in Appendix D.

APPENDIX A
PHOTOGRAPHS

PHASE I ESA FOR THE MARION COUNTY INDUSTRIAL PARK MARION COUNTY, SOUTH CAROLINA PHOTO KEY MAP



+/- 349 Acres






GRAPHIC SCALE
AUGUST 11, 2009

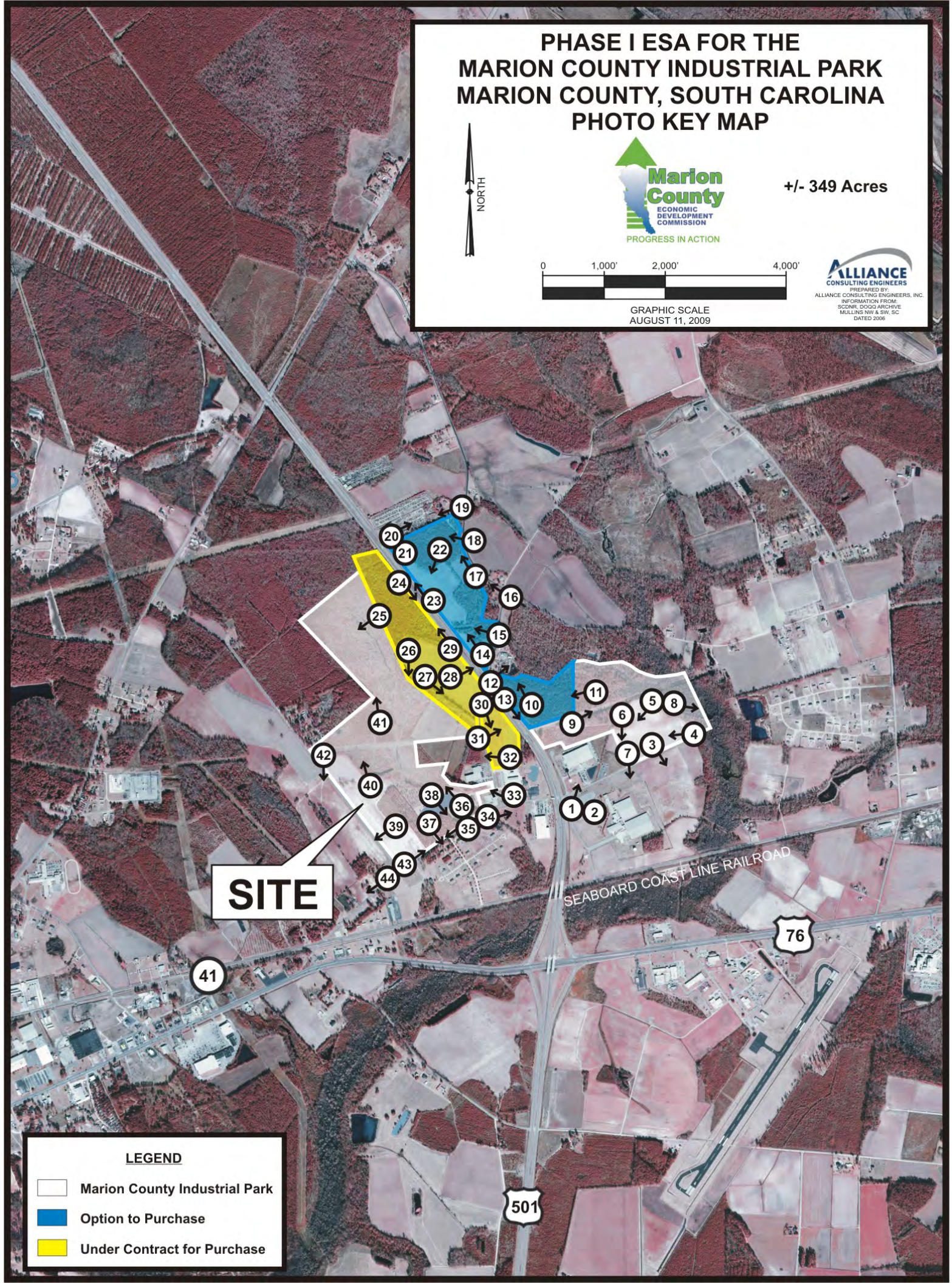


ALLIANCE CONSULTING ENGINEERS, INC.
INFORMATION FROM:
SCONR, DOQQ ARCHIVE
MULLINS NW & SW, SC
DATED 2008

SITE

LEGEND

-  Marion County Industrial Park
-  Option to Purchase
-  Under Contract for Purchase





Photograph 1-Marion County Industrial Park Sign along U.S. Highway 501



Photograph 2- Marion County Industrial Park Elevated Storage Tank



Photograph 3- Looking south along Wise Chapel Court



Photograph 4- Looking west along Wise Chapel Court



Photograph 5 – Looking southwest near property corner



Photograph 6– Looking south near property line



Photograph 7 – Looking south along Wise Chapel Court



Photograph 8 – Looking southeast towards Smith Swamp



Photograph 9 – Looking east along existing overhead power easement



Photograph 10 – Looking north in wooded area



Photograph 11 – Looking west in wooded area



Photograph 12 – Looking north at the intersection of U.S. Highway 501 and Gurley Road



Photograph 13 – Looking south at the intersection of U.S. Highway 501 and Gurley Road



Photograph 14 – Looking north along Gurley Road



Photograph 15 – Looking at adjacent property along Gurley Road



Photograph 16 – Looking north at the intersection of Gurley Road and Calder Road



Photograph 17 – Looking north along Calder Road



Photograph 18 – Looking northwest at dirt road near western property line



Photograph 19 – Looking northwest old truck near Swamp Fox Used Auto Parts



Photograph 20 – Looking east near Swamp Fox Used Auto Parts



Photograph 21 – Looking north near Swamp Fox Used Auto Parts along U.S. Highway 501



Photograph 22 – Looking southwest near U.S. Highway 501



Photograph 23 – Looking north along U.S. Highway 501



Photograph 24 – Looking south along U.S. Highway 501



Photograph 25– Looking west in wooded area



Photograph 26– Looking southwest in wooded area



Photograph 27– Looking south in open field



Photograph 28– Looking east in open field



Photograph 29– Looking north along U.S. Highway 501



Photograph 30– Looking south along Gurley Road



Photograph 31- Looking east along Gurley Road



Photograph 32- Looking west near Pee Dee Electric Cooperative Property line



Photograph 33 – Looking north near the Pee Dee Electric Cooperative Sub-Station



Photograph 34 – Looking east near the Pee Dee Electric Cooperative Sub-Station



Photograph 35 – Looking west along Wise Chapel Court



Photograph 36 – Looking north near existing pond



Photograph 37 – Looking south near southern property line



Photograph 38 – Looking at debris pile near existing pond



Photograph 39 – Looking west in open field near western property line



Photograph 40 – Looking north in open field near western property line



Photograph 41- Looking north in wooded area



Photograph 42- Looking at existing pole mounted transformer (not leaking)



Photograph 43- Looking east at the intersection of Wise Chapel Court and Conner Road



Photograph 44- Looking west at the intersection of Wise Chapel Court and Conner Road

APPENDIX B
ENVIRONMENTAL DATA REPORT

ENVIRONMENTAL DATA REPORT

Comprehensive ASTM Research

Marion County Industrial Park
U.S. Highway 501 and U.S. Highway 76
Marion County, South Carolina

Prepared For:

Alliance Consulting Engineers, Inc
PO Box 8147
Columbia, SC 29202

Prepared By:

ENVIRONMENTAL DATA MANAGEMENT, INC.
2840 West Bay Drive, Suite 208
Largo, Florida 33770

August 03, 2009

August 03, 2009

Nicholas Leitner
Alliance Consulting Engineers, Inc
PO Box 8147
Columbia, SC 29202

Subject: **Comprehensive ASTM Research - EDM Project #20261**

Dear Mr. Leitner

Thank you for using Environmental Data Management, Inc. The following report provides the results of our environmental data research that you requested for the following location:

**Marion County Industrial Park
U.S. Highway 501 and U.S. Highway 76
Marion County, South Carolina**

The following is a summary of the components contained within this report:

- **Executive Summary** –lists the databases that were searched for this report, the search distance criteria and the number of sites identified for each database.
- **Map of Study Area**– street map showing the location of the Subject Property and any regulatory listed sites identified within the search criteria (*a non-mapped option is available*).
- **Site Summary Table** –displays corresponding sites' Map ID numbers, Permit or Registration numbers, Name/Address and the Government Database(s) on which the site was listed.
- **Detail Reports** – data detail for each record identified.
- **Proximal Records Table** – a listing of potentially relevant sites identified just beyond the search criteria.
- **Non-Mapped Records Table** - lists those government records that do not contain sufficient address information to plot within our GIS system, but may still exist within your study area.
- **Agency List Descriptions** – defines the regulatory databases included in this report along with the dates that each database was last updated by the respective agency and EDM.
- **Physical Setting** – includes USGS Contour or Topographic map and a map of statewide American Indian Lands. Recent Aerial Photo, FEMA Flood Map and NWI Wetland Map included with Comprehensive Report. Water Well locations and detail well reports are included where this information is available.

At EDM we take great pride in our work, and continually strive to provide you with the most accurate and thorough research service available. We accomplish this by manually screening and researching your study area to identify and accurately locate any sites of environmental concern. This manual effort may add more time and effort to your report preparation, but we think a more thorough and accurate result is worth it.

Thank you again for selecting EDM as your data research provider. Should you have any questions regarding this report or our service, please feel free to contact us. We appreciate the opportunity to be of service to you and look forward to working with you in the future.

ENVIRONMENTAL DATA MANAGEMENT, INC.

Executive Summary

Report Date: 8/3/2009

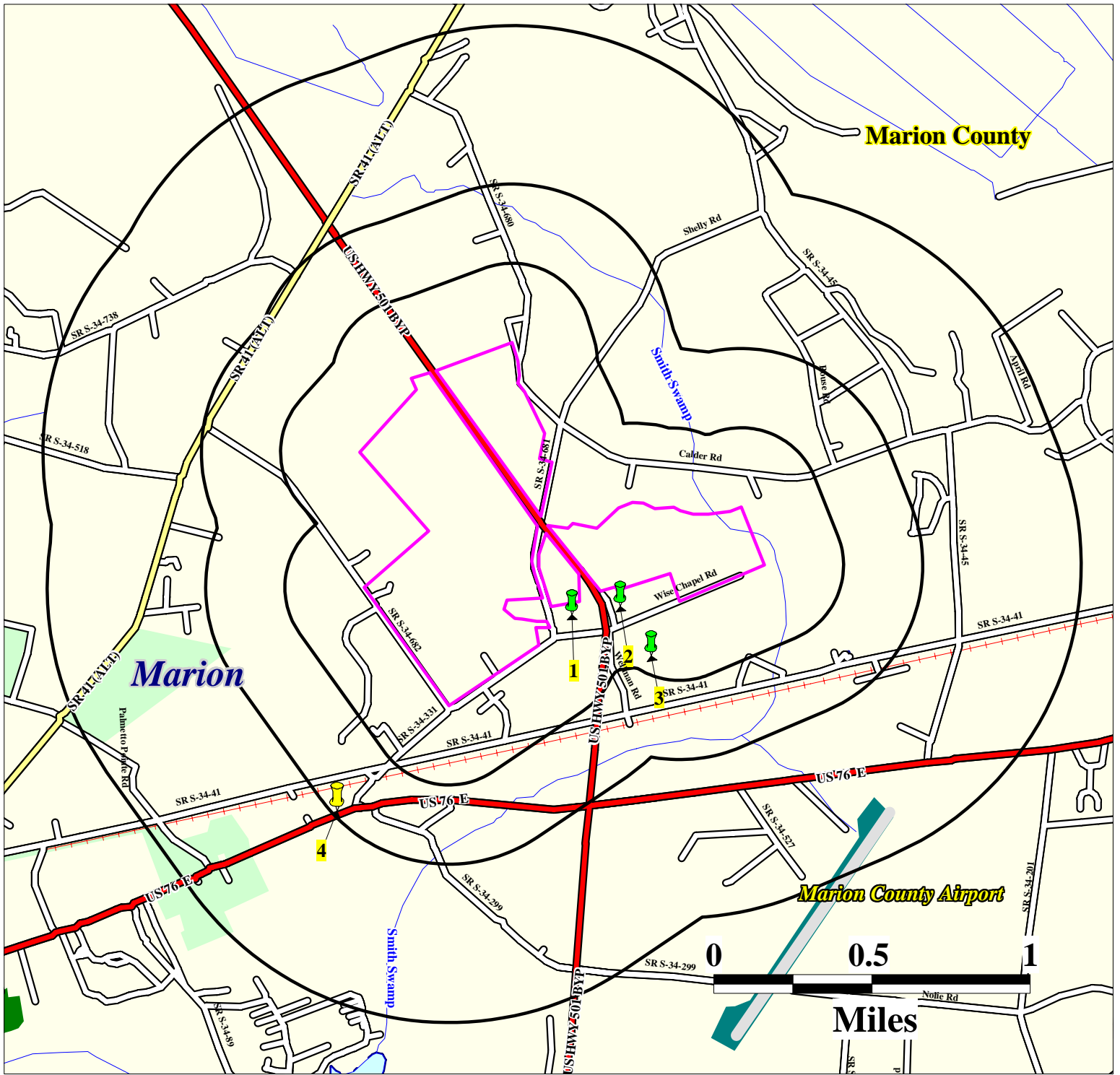
Client Information	Project Information
Alliance Consulting Engineers, Inc PO Box 8147 Columbia SC 29202 Client Job No: Client P.O. No:	Comprehensive ASTM Research Marion County Industrial Park U.S. Highway 501 and U.S. Highway 76 Marion County, South Carolina EDM Job No# 20261

The following table displays the databases that were included in the research provided, the respective search distance for each database, and the number of records identified for each database. The absence of records in this table and the Site Summary Table indicates that no sites were found within the specified research area.

	Search Radius (Miles)	From 0 - .13 mi	From .13 - .25 mi	From .26 - .5 mi	From .51 - 1.0 mi	Greater than 1 Mile	Totals
EPA DATABASES							
National Priorities List(NPL)	1.00	0	0	0	0	N/A	0
Comprehensive Env Response, Compensation & Liability Information System List(CERCLIS)	0.50	0	0	0	N/A	N/A	0
Archived Cerclis Sites(NFRAP)	0.50	0	0	0	N/A	N/A	0
Emergency Response Notification System List(ERNS)	0.25	0	0	N/A	N/A	N/A	0
RCRIS Handlers with Corrective Action(CORRACTS)	1.00	0	0	0	0	N/A	0
RCRA-Treatment, Storage and/or Disposal Sites(TSD)	1.00	0	0	0	0	N/A	0
RCRA-LQG,SQG,CESQG and Transporters(NONTSD)	0.25	0	0	N/A	3	N/A	3
Tribal Tanks List(TRIBLTANKS)	0.25	0	0	N/A	N/A	N/A	0
Tribal Lust List(TRIBLLUST)	0.50	0	0	0	N/A	N/A	0
US Institutional and/or Engineering Controls(USINSTENG)	0.50	0	0	0	N/A	N/A	0
Brownfields Management System(USBRWNFLDS)	0.50	0	0	0	N/A	N/A	0
DHEC DATABASES							
State NPL Equivalent(STNPL)	1.00	0	0	0	0	N/A	0
Solid Waste Facilities List(SLDWST)	0.50	0	0	0	N/A	N/A	0
Leaking Underground Storage Tanks List(LUST)	0.50	0	0	0	1	N/A	1
Underground/Aboveground Storage Tanks(TANKS)	0.25	0	0	1	N/A	N/A	1
State Designated Brownfields(BRWNFLDS)	0.50	0	0	0	N/A	N/A	0
State Voluntary Cleanup List(VOLCLNUP)	0.50	0	0	0	N/A	N/A	0
State Dry Cleaners List(DRY)	0.50	0	0	0	N/A	N/A	0
Spills List(SPILLS)	0.25	0	0	N/A	N/A	N/A	0
SUPPLEMENTAL DATABASES							
Record Of Decisions System(RODS)	1.00	0	0	0	0	N/A	0
RCRA Administrative Action Tracking System(RAATS)	1.00	0	0	0	0	N/A	0
Biennial Reporting System(BRS)	0.25	0	0	N/A	N/A	N/A	0
PCB Activity Data System(PADS)	0.25	0	0	N/A	N/A	N/A	0
Permit Compliance System(PCS)	0.25	0	0	N/A	N/A	N/A	0
Facility Registry System(FRS)	0.25	0	0	1	10	N/A	11
Toxic Release Inventory System(TRIS)	0.25	0	0	N/A	N/A	N/A	0

***** Disclaimer *****

Please understand that the regulatory databases we utilize were not originally intended for our use, but rather for the source agency's internal tracking of sites for which they have jurisdiction or other interest. As a result of this difference in intended use, their data is frequently found to be incomplete or inaccurate, and is less than ideal for our use. Additionally, limitations exist in mapping data detail and accuracy. Our report is not to be relied upon for any purpose other than to "point" at approximate locations where further evaluation may be warranted. No conclusion can be based solely upon our report. Rather, our report should be used in conjunction with other relevant information to direct your attention at potential problem areas; which should be followed up by site inspections, interviews with relevant personnel and regulatory file review. Readers proceed at their own risk in relying upon this data, in whole or in part, for use within any evaluation. The EDM Service Request Form contains more detailed language with regard to such limitations, the terms of which the reader must accept in their entirety before utilizing this report. If the signed contract is not available to the reader, EDM will gladly furnish a copy upon request. Requests via email authorization are construed to be in accordance with these terms.



Source: 2006 US Census Bureau TIGER Files

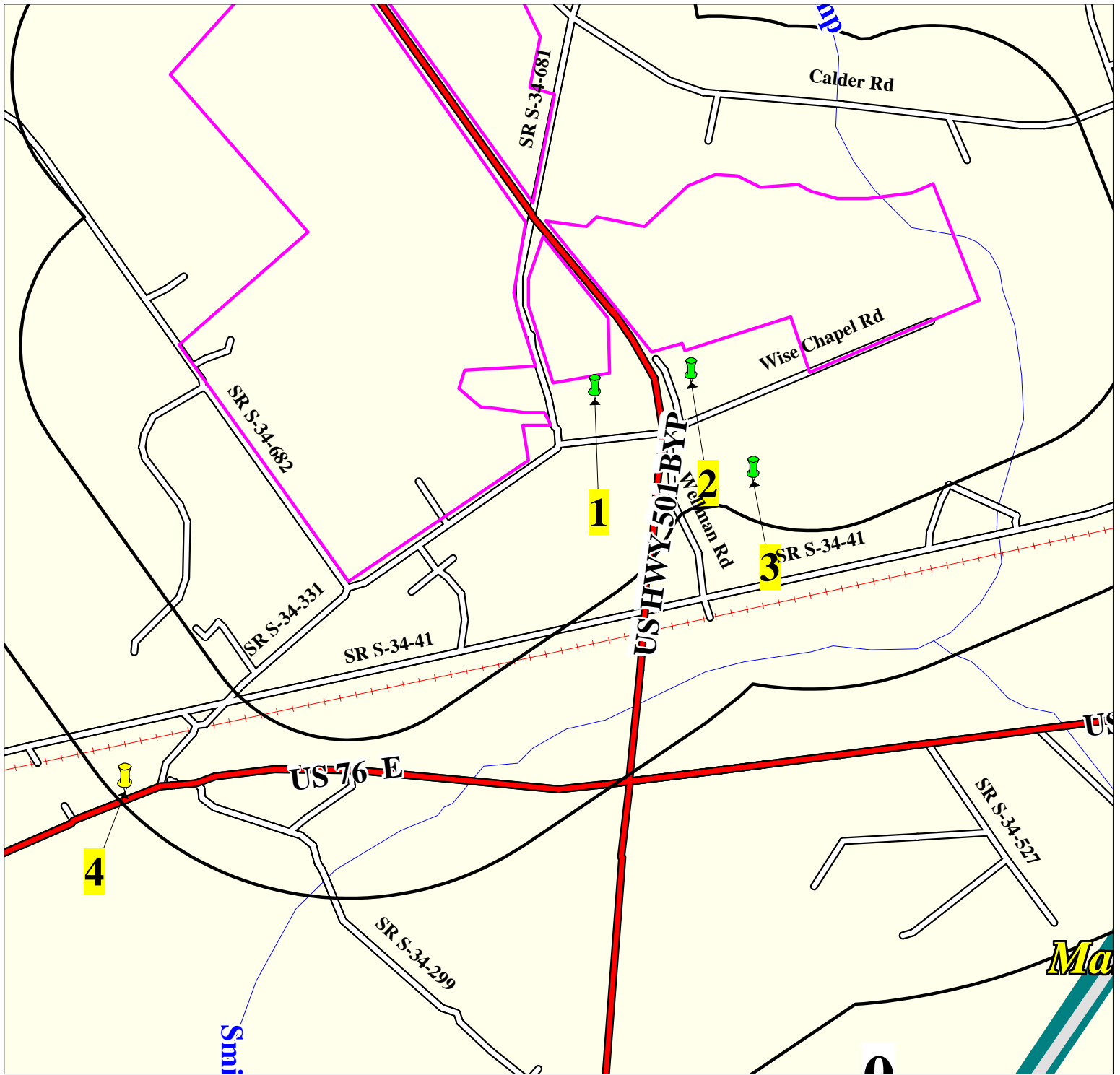
Map Scale and Site Locations are Approximate

Subject Property

Marion County Industrial Park
U.S. Highway 501 and U.S. Highway 76
Marion County, South Carolina

EDM Job No: 20261
August 3, 2009

- Approximate Site Boundary
- NPL, CORRACTS, TSD,RODS,RAATS & STNPL sites - 1 Mile Radius
- CERCLIS, NFRAP, SLDWST, LUST, BRWNFLDS, VOLCLNUP & DRY sites - 1/2 Mile Radius
- ERNS,NONTSD,TANKS,INSTENG, BRS,PADS,PCS,TRIS & FRS sites - 1/4 Mile Radius




Source: 2006 US Census Bureau TIGER Files


Map Scale and Site Locations are Approximate


Subject Property

Marion County Industrial Park
U.S. Highway 501 and U.S. Highway 76
Marion County, South Carolina

EDM Job No: 20261
August 3, 2009

 Approximate Site Boundary

 NPL, CORRACTS, TSD,RODS,RAATS & STNPL sites - 1 Mile Radius

 CERCLIS, NFRAP, SLDWST, LUST, BRWNFLDS, VOLCLNUP & DRY sites - 1/2 Mile Radius

 ERNS,NONTSD,TANKS,INSTENG, BRS,PADS,PCS,TRIS & FRS sites - 1/4 Mile Radius

ENVIRONMENTAL DATA MANAGEMENT

Comprehensive ASTM Research

Report Date: 8/3/2009

SUMMARY TABLE

Page 1 of 1

REGULATORY LISTS

	MAPID# FAC ID, NAME AND LOCATION	N P L	C E R C L I S	N F R A P	E R R A C T S	T O N T S D	T R I B U T I O N S	T R I B U T I O N S	U S I N G L E S	U S I N G L E S	S T R I P P I N G	S L U S T	L U S T	T A N K S	B R N N F L D S	V O L C L N U P	D R Y	S P I L L S	R O A D S	R A I L S	B A R S	P A D S	P A C S	F R S	T R I S
1)	110017177259 Dist/Dir: 0.4 SE PEE DEE ELECTRIC COOP INC US 501 BYPASS AT S 34 331 MARION, SC. 29571																								X
1)	17468 Dist/Dir: 0.4 SE PEE DEE ELECTRIC COOP INC US 501 BYPASS AT S 34 331 MARION, SC. 29571													X											
2)	110012164923 Dist/Dir: 0.6 E ROAD RESCUE INC 2205 WISE CHAPEL ROAD MARION, SC. 29571																								X
2)	110016712379 Dist/Dir: 0.6 E ROAD RESCUE INC 2914 SPARTAN PLACE MARION, SC. 29571																								X
2)	SCR000765222 Dist/Dir: 0.6 E ROAD RESCUE INC 2914 SPARTAN PLACE MARION, SC. 29571					X																			
3)	110007836725 Dist/Dir: 0.7 SE KRP INDUSTRIES INC-MARION 501 BYPASS & SC 34-41 MARION, SC. 29571																								X
3)	110008551067 Dist/Dir: 0.7 SE WELLMAN INCORPORATED - MARION PLANT HIGHWAY 76 & 501 BYPASS MARION, SC. 29571																								X
3)	110009806166 Dist/Dir: 0.7 SE WELLMAN INC SC , SC.																								X
3)	110031245837 Dist/Dir: 0.7 SE WELLMAN INC MARION PLANT-CLOSED MARION INDUSTRIAL PARK MARION, SC. 29571																								X
3)	SC0000824912 Dist/Dir: 0.7 SE WELLMAN IND MARION IND PARK MARION, SC. 29555																								X
3)	SCD987584752 Dist/Dir: 0.7 SE KRP INDUSTRIES INC-MARION 501 BYPASS & SC 34-41 MARION, SC. 29571					X																			X
3)	SCD987596178 Dist/Dir: 0.7 SE WELLMAN INC MARION PLANT 501 BY PASS N & SC 34 41 MARION, SC. 29571					X																			X
4)	18510 Dist/Dir: 0.9 S ESTATE OF D LEGRANT BRYANT 2596 E HWY 76 MARION, SC.												X												

SCDHEC COMPREHENSIVE UNDERGROUND STORAGE TANKS LIST (TANKS)

Report Date: 8/3/2009

TANKS Page 1 of 1

FACILITY ID NUMBER, NAME AND LOCATION:

17468
 PEE DEE ELECTRIC COOP INC
 US 501 BYPASS AT S 34 331
 MARION, SC 29571

OWNERSHIP INFORMATION:

PEE DEE ELECTRIC COOP INC
 1355 E MCIVER RD
 DARLINGTON SC 29540
 843-665-4070
CON: MARION LOWRY

MAP ID NUMBER:

Dist (Miles): 0.44
Direction: SE

1

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CON TEL: 843-292-4430

TANK DETAIL

TANK #:	TANK CAP (GALS):	CALC AGE:	CONTENTS:	TANK STATUS:
1	12000	0	GASOLINE	CURRENTLY IN USE
2	6000	0	DIESEL	CURRENTLY IN USE

USEPA FACILITY REGISTRY SYSTEM

(FRS)

Report Date: 8/3/2009

FRS Page 1 of 1

FACILITY ID NUMBER, NAME AND LOCATION:

110017177259
PEE DEE ELECTRIC COOP INC
US 501 BYPASS AT S 34 331
MARION, SC 29571

MAP ID NUMBER:

Dist (Miles): 0.44
Direction: SE

1

FRS

Program ID No: SC0000065373

EPA Program: SC-EFIS

South Carolina - Environmental Facility Information System

Program ID No: 110017177259

EPA Program: FRS

Facility Registry System

USEPA RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM (RCRIS) (NONTSD)

Report Date: 8/3/2009

NONTSD Page 1 of 1

FACILITY ID NUMBER, NAME AND LOCATION:

SCR000765222
ROAD RESCUE INC
2914 SPARTAN PLACE
MARION, SC 29571

CONTACT INFORMATION:

SPARTAN PLACE
MARION SC 29571
Contact: DAVID MARKHAM
Contact Telephone: 8436762900
Contact Email:

MAP ID NUMBER:

Dist (Miles): 0.56
Direction: E

2

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RCRIS INFORMATION

NOTIFICATION DATE: 4/21/2008 **SOURCE:** NOTIFICATION

GEN STATUS(Fed): SMALL QUANTITY GENERATOR(<1000 KG PER MONTH)
GEN STATUS(State): SMALL QUANTITY GENERATOR(<1000 KG PER MONTH)
TRANSPORTER?: NOT A TRANSPORTER, VERIFIED
TSD?: NOT A TSD, VERIFIED
NON-NOTIFIER?:
RECYCLER?: NO

ON SITE BURNER?: NO
FURNACE?: NO
UNDRND INJ?: NO UNDERGROUND INJECTI
XFER FAC?:
UO BURNER?: NO
UO PROC?: NO
UO RECY?: NO
UO TRANS?: NO
UO XFER?: NO

NOTIFICATION DATE: 7/2/2007 **SOURCE:** NOTIFICATION

GEN STATUS(Fed): SMALL QUANTITY GENERATOR(<1000 KG PER MONTH)
GEN STATUS(State): SMALL QUANTITY GENERATOR(<1000 KG PER MONTH)
TRANSPORTER?: NOT A TRANSPORTER, VERIFIED
TSD?: NOT A TSD, VERIFIED
NON-NOTIFIER?:
RECYCLER?: NO

ON SITE BURNER?: NO
FURNACE?: NO
UNDRND INJ?: NO UNDERGROUND INJECTI
XFER FAC?:
UO BURNER?: NO
UO PROC?: NO
UO RECY?: NO
UO TRANS?: NO
UO XFER?: NO

NOTIFICATION DATE: 1/23/2004 **SOURCE:** NOTIFICATION

GEN STATUS(Fed): SMALL QUANTITY GENERATOR(<1000 KG PER MONTH)
GEN STATUS(State): SMALL QUANTITY GENERATOR(<1000 KG PER MONTH)
TRANSPORTER?: NOT A TRANSPORTER, VERIFIED
TSD?: NOT A TSD, VERIFIED
NON-NOTIFIER?:
RECYCLER?: NO

ON SITE BURNER?: NO
FURNACE?: NO
UNDRND INJ?: NO UNDERGROUND INJECTI
XFER FAC?:
UO BURNER?: NO
UO PROC?: NO
UO RECY?: NO
UO TRANS?: NO
UO XFER?: NO

VIOLATION INFO

Eval Date: 12/10/2004 **Eval Agcy:** STATE
Viol Date: 12/10/2004 **Viol Agcy:** STATE
Enf Date: 12/13/2004 **Enf Agcy:** STATE

Viol Type: 262.C Generators - Pre-transport
Viol Type: 262.A Generators - General
Viol Type: 262.A Generators - General

Citation: SR - 262.34(d)(5)
Citation: SR - 265.173(c)
Citation: SR - 265.173(d)

Compl Date: 02/02/2005
Compl Date: 02/02/2005
Compl Date: 02/02/2005

Eval Type Descr: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enf Type Descr:
Lead Agcy:

Eval Date: 11/29/2006 **Eval Agcy:** STATE
Viol Date: 09/19/2006 **Viol Agcy:** STATE
Enf Date: 10/17/2006 **Enf Agcy:** STATE

Viol Type: 262.D Generators - Records/Reporting
Viol Type: 264.H TSD - Financial Requirements
Viol Type: 264.H TSD - Financial Requirements
Viol Type: 262.D Generators - Records/Reporting
Viol Type: 265.I TSD IS-Container Use and Management

Citation:
Citation:
Citation:
Citation:
Citation:

Compl Date: 11/29/2006
Compl Date: 09/19/2006
Compl Date: 09/19/2006
Compl Date: 11/29/2006
Compl Date: 09/19/2006

Eval Type Descr: COMPLIANCE SCHEDULE EVALUATION
Enf Type Descr: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Lead Agcy:

USEPA FACILITY REGISTRY SYSTEM

(FRS)

Report Date: 8/3/2009

FRS Page 1 of 1

FACILITY ID NUMBER, NAME AND LOCATION:

110012164923
ROAD RESCUE INC
2205 WISE CHAPEL ROAD
MARION, SC 29571

MAP ID NUMBER:

Dist (Miles): 0.56
Direction: E

2

FRS

Program ID No: SC0000104861

EPA Program: SC-EFIS

South Carolina - Environmental Facility Information System

Program ID No: 4506700040

EPA Program: AIRS/AFS

Aerometric Information Retrieval System/AIRS FacilitySubsystem

Program ID No: 110012164923

EPA Program: FRS

Facility Registry System

FACILITY ID NUMBER, NAME AND LOCATION:

110016712379
ROAD RESCUE INC
2914 SPARTAN PLACE
MARION, SC 29571

MAP ID NUMBER:

Dist (Miles): 0.56
Direction: E

2

FRS

Program ID No: SCR000765222

EPA Program: RCRAINFO

Resource Conservation and Recovery Act Information

Program ID No: SC0000187755

EPA Program: SC-EFIS

South Carolina - Environmental Facility Information System

Program ID No: 110016712379

EPA Program: FRS

Facility Registry System

USEPA RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM (RCRIS) (NONTSD)

Report Date: 8/3/2009

NONTSD Page 1 of 1

FACILITY ID NUMBER, NAME AND LOCATION:

SCD987584752
KRP INDUSTRIES INC-MARION
501 BYPASS & SC 34-41
MARION, SC 29571

CONTACT INFORMATION:

Contact:
Contact Telephone:
Contact Email:

MAP ID NUMBER:

Dist (Miles): 0.72
Direction: SE

3

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RCRIS INFORMATION

NOTIFICATION DATE: 3/27/2002 SOURCE: NOTIFICATION

GEN STATUS(Fed): NOT A GENERATOR-VERIFIED
GEN STATUS(State): NOT A GENERATOR-VERIFIED
TRANSPORTER?: NOT A TRANSPORTER, VERIFIED
TSD?: NOT A TSD, VERIFIED
NON-NOTIFIER?:
RECYCLER?: NO

ON SITE BURNER?: NO
FURNACE?: NO
UNDGRND INJ?: NO UNDERGROUND INJECTI
XFER FAC?:
UO BURNER?: NO
UO PROC?: NO
UO RECY?: NO
UO TRANS?: NO
UO XFER?: NO

NOTIFICATION DATE: 12/16/1991 SOURCE: NOTIFICATION

GEN STATUS(Fed): CONDITIONALLY EXEMPT SQG(<100 KG PER MONTH)
GEN STATUS(State):
TRANSPORTER?: NOT A TRANSPORTER, VERIFIED
TSD?: NOT A TSD, VERIFIED
NON-NOTIFIER?:
RECYCLER?: NO

ON SITE BURNER?: NO
FURNACE?: NO
UNDGRND INJ?: NO UNDERGROUND INJECTI
XFER FAC?:
UO BURNER?: NO
UO PROC?: NO
UO RECY?: NO
UO TRANS?: NO
UO XFER?: NO

VIOLATION INFO

FACILITY ID NUMBER, NAME AND LOCATION:

SCD987596178
WELLMAN INC MARION PLANT
501 BY PASS N & SC 34 41
MARION, SC 29571

CONTACT INFORMATION:

PO BOX 846
MARION SC 29571
Contact: TIM SMITH
Contact Telephone: 8034238154
Contact Email:

MAP ID NUMBER:

Dist (Miles): 0.72
Direction: SE

3

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RCRIS INFORMATION

NOTIFICATION DATE: 3/3/1997 SOURCE: NOTIFICATION

GEN STATUS(Fed): CONDITIONALLY EXEMPT SQG(<100 KG PER MONTH)
GEN STATUS(State):
TRANSPORTER?: NOT A TRANSPORTER, VERIFIED
TSD?: NOT A TSD, VERIFIED
NON-NOTIFIER?:
RECYCLER?: NO

ON SITE BURNER?: NO
FURNACE?: NO
UNDGRND INJ?: NO UNDERGROUND INJECTI
XFER FAC?:
UO BURNER?: NO
UO PROC?: NO
UO RECY?: NO
UO TRANS?: NO
UO XFER?: NO

VIOLATION INFO

USEPA FACILITY REGISTRY SYSTEM

(FRS)

Report Date: 8/3/2009

FRS Page 1 of 2

FACILITY ID NUMBER, NAME AND LOCATION:

110007836725
KRP INDUSTRIES INC-MARION
501 BYPASS & SC 34-41
MARION, SC 29571

MAP ID NUMBER:

Dist (Miles): 0.72
Direction: SE

3

FRS

Program ID No: SCD987584752 EPA Program: RCRAINFO Resource Conservation and Recovery Act Information
Program ID No: SC0000011999 EPA Program: SC-EFIS South Carolina - Environmental Facility Information System
Program ID No: 110007836725 EPA Program: FRS Facility Registry System

FACILITY ID NUMBER, NAME AND LOCATION:

110008551067
WELLMAN INCORPORATED - MARION PLANT
HIGHWAY 76 & 501 BYPASS
MARION, SC 29571

MAP ID NUMBER:

Dist (Miles): 0.72
Direction: SE

3

FRS

Program ID No: SCD987596178 EPA Program: RCRAINFO Resource Conservation and Recovery Act Information
Program ID No: SC0000001968 EPA Program: SC-EFIS South Carolina - Environmental Facility Information System
Program ID No: 110008551067 EPA Program: FRS Facility Registry System

FACILITY ID NUMBER, NAME AND LOCATION:

110009806166
WELLMAN INC
SC
, SC

MAP ID NUMBER:

Dist (Miles): 0.72
Direction: SE

3

FRS

Program ID No: SCR000884 EPA Program: PCS Permit Compliance System
Program ID No: 110009806166 EPA Program: FRS Facility Registry System

FACILITY ID NUMBER, NAME AND LOCATION:

110031245837 --HISTORICAL ENTRY--
WELLMAN INC MARION PLANT-CLOSED
MARION INDUSTRIAL PARK
MARION, SC 29571

MAP ID NUMBER:

Dist (Miles): 0.72
Direction: SE

3

FRS

Program ID No: 4506700032 EPA Program: AIRS/AFS Aerometric Information Retrieval System/AIRS FacilitySubsystem
Program ID No: 110031245837 EPA Program: FRS Facility Registry System

FACILITY ID NUMBER, NAME AND LOCATION:

SC0000824912 --HISTORICAL ENTRY--
WELLMAN IND
MARION IND PARK
MARION, SC 29555

MAP ID NUMBER:

Dist (Miles): 0.72
Direction: SE

3

FRS

Program ID No: SC0000824912 EPA Program: AFS AIRS Facility Subsystem

FACILITY ID NUMBER, NAME AND LOCATION:

SCD987584752 --HISTORICAL ENTRY--
KRP IND INC-MARION
HWY 501 BYPASS & SC 34-41
MARION, SC 29571

MAP ID NUMBER:

Dist (Miles): 0.72
Direction: SE

3

FRS

Program ID No: SCD987584752 EPA Program: RCRIS Resource Conservation and Recovery Information System

USEPA FACILITY REGISTRY SYSTEM

(FRS)

Report Date: 8/3/2009

FRS Page 2 of 2

FACILITY ID NUMBER, NAME AND LOCATION:

SCD987596178 --HISTORICAL ENTRY--
WELLMAN INC MARION PLT
501 BY PASS N & SC 34-41
MARION, SC 29571

MAP ID NUMBER:

Dist (Miles): 0.72
Direction: SE

3

FRS

Program ID No: SCD987596178

EPA Program: RCRIS

Resource Conservation and Recovery Information System

SCDHEC CONFIRMED RELEASE REPORT

(LUST)

Report Date: 8/3/2009

LUST Page 1 of 1

FACILITY ID NUMBER, NAME AND LOCATION:

18510
ESTATE OF D LEGRANT BRYANT
2596 E HWY 76
MARION, SC 29

MAP ID NUMBER:

4

Dist (Miles): 0.94
Direction: SW

Tank Owner:

ESTATE OF D LEGRANT BRYANT

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PROJ MGR: MILENKMP

REL ID: 1 **REL RPTD:** 11/22/1999 **REL CONFD:** 11/23/1999 **SUBST:** PETRO

NFA DATE: 9/22/2003 **RANK:** 3BF **STATUS:** 1

LUST ADDENDUM REPORT -- TANK DATA DETAIL

The following is the TANKS data associated with LUST sites that were mapped **outside** of the ¼ TANKS query criteria.

(TANKS)

Report Date: 8/3/2009

TANKS Page 1 of 1

FACILITY ID NUMBER, NAME AND LOCATION:

18510
ESTATE OF D LEGRANT BRYANT
2596 E HWY 76
MARION, SC 29

OWNERSHIP INFORMATION:

ESTATE OF D LEGRANT BRYANT
199 GUYTON RD
MARION SC 29571-6341
843-423-9453
CON: SLYVIA RHODES
CON TEL:

MAP ID NUMBER:

Dist (Miles): 0.94

Direction: SW

4

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TANK DETAIL

TANK #:	TANK CAP(GALS):	CALC AGE:	CONTENTS:	TANK STATUS:
1	800		GASOLINE	ABANDONED

PROXIMAL RECORDS TABLE

Report Date: 8/3/2009

The Proximal Records Table includes mapped facilities that appear outside of the study area, but in the proximity of the research boundary. They are provided in a summary fashion to allow one to determine potential interest.

Generally, these sites may be of potential interest for three reasons:

- 1.) The location occurs so close to the research boundary that it merits inclusion in the evaluation.
- 2.) The site may be expansive with regard to the property boundary. The physical address of a landfill for example may occur outside of the research boundary, but the landfill boundary may extend into the research area. Large industrial complexes may also fall into this category.
- 3.) The U.S. Census Bureau data, from which our maps are created, is not always precise with regard to address information. A facility may therefore appear on the map outside of the research area, but actually fall within the research area. These inaccuracies are typically less than 500 feet. If you observe any such inaccuracies, we ask that you please notify us of the more precise location and we will use this information to improve our product.

If more specific information relative to one or more locations included in the Proximal Records Table is desired, please feel free to contact us and we will send you this information as an addendum to this report.

PROXIMAL RECORDS

ENVIRONMENTAL DATA MANAGEMENT

Comprehensive ASTM Research

Report Date: 8/3/2009

PROXIMAL RECORDS TABLE

Page 1 of 1

REGULATORY LISTS

	N P L	C E R C L I S	N F R A P	E F R A S	C R R A C T S	T O R D	N O N T S D	T R I B L T A N K S	T R I B L L U E N G	U S I S T E N G	U S B R W L D S	S T N P L	S L D W S T	L U S T	T A N K S	B R N F L D S	V O L C L N U P	D R Y	S P I L L S	R O A D S	R A T S	B R A S	P A D S	P C R S	F R S	T R I S	
MAPID# FAC ID, NAME AND LOCATION 1A) 15910 Dist/Dir: 1.2 SE MARION COUNTY TECHNICAL EDUCATI HWY 76 PO BOX 890 MARION, SC. 295710890														X													

NONMAPPED RECORDS TABLE

Report Date: 8/3/2009

The Non-Mapped Records Table is a listing of database records that lack sufficient address information to be placed within our mapping system, but may exist within your study area. These records have been manually screened to determine whether they could likely fall within the study area or can be conclusively identified as existing outside of the study area. Those records that could be located within the study area, but cannot be plotted within our GIS, are displayed in the Non-Mapped Records Table within this report.

If more specific information relative to one or more locations included in the Non-Mapped Records Table is desired, please feel free to contact us and we will send you this information as an addendum to this report.

NONMAPPED
RECORDS

ENVIRONMENTAL DATA MANAGEMENT

Comprehensive ASTM Research

NON-MAPPED RECORDS TABLE

Report Date: 8/3/2009

Page 1 of 4

REGULATORY LISTS

MAPID# FAC ID, NAME AND LOCATION	N P L	C E R C L I S	N F R A P	E R R A C T S	T O S D	N O N T S D	T R I B U T A N K S	T R I B U T E N G	U S I N G F I E L D S	U S B R W F L D S	S T N P L	S L D W S T	L U S T	T A N K S	B R N F L D S	V O L C L N U P	D R Y	S P I L L S	R O A D S	R A I L S	B R A S	P A D S	P C S	F R S	T R I S	
14281 RAINS GROC , SC.														X												
15212 HOOD'S CARS & USED PARTS HWY 76 MARION, SC. 29571													X													
110019997921 MARCO DEVELOPMENT LLC PO BOX 1103 MARION, SC. 29571																									X	
110017314654 MARION CONVALESCENCE PO BOX 1106 MARION, SC. 29571																									X	
110017175359 CARMICHAEL ENTERPRISES INC PO BOX 450 MARION, SC. 29571																									X	
110016992575 OLD SCH SPTWEAR PO BOX 532 MARION, SC. 29571																									X	
110017304148 THOMAS MHP PO BOX 610 MARION, SC. 29571																									X	
06187 THOMAS SUPPLY CO PO BOX 610 MARION, SC. 29571														X												
110016964739 THOMAS SUPPLY CO PO BOX 610 E HWY 76 MARION, SC. 29571																									X	
110017133831 ESTATE OF JIMMY CARTER PO BOX 843 MARION, SC. 29571																									X	
110017296585 T C POWERS GROCERY RT 1 MARION, SC. 29571																									X	
06215 T C POWERS GROCERY RT 1 MARION, SC. 29571													X	X												
110017192205 B&W COUNTRY CONVENIENCE STORE RT 1 BOX 331 MARION, SC. 29571																									X	
110002313283 AL WILLIAMS ENTERPRISE RT 1 BOX 363 MARION, SC. 29571																									X	
110002260428 J ROGERS CAMP #2 RT 1 BOX 537 MARION, SC. 29571																									X	
110017296558 ZACK S WATSON GROC RT 1 BOX 600 MARION, SC. 29571																									X	

ENVIRONMENTAL DATA MANAGEMENT

Comprehensive ASTM Research

Report Date: 8/3/2009

NON-MAPPED RECORDS TABLE

Page 2 of 4

REGULATORY LISTS

MAPID# FAC ID, NAME AND LOCATION	N P L	C E R C L I S	N E R A P	E R R A C T S	C O S D	T O N T S D	T R I B L T A N K S	T R I B L L U E N G	U S I N S T E N G	U S B R W F L D S	U S T N P L	S L D W S T	L U S T	T A N K S	B R W N F L D S	V O L C L N U P	D R Y	S P I L L S	R O A D S	R A I L S	B A R S	P A C E S	P C S S	F R S	T R I S		
110017136650 BEAVER DAM FLATS INC RT 1 PO BOX 157 MARION, SC. 29571																									X		
15573 B&W COUNTRY CONVENIENCE STORE RT 1 PO BOX 331 MARION, SC. 29571													X	X													
110017296781 ED CAPPS JR RT 2 MARION, SC. 29571																										X	
06236 ED CAPPS JR RT 2 MARION, SC. 29571														X													
SCD987590643 DRAPER CONST CO RT 2 BOX 1184 C MARION, SC. 29448																										X	
110017079711 501 RESTAURANT RT 4 PO BOX 324A MARION, SC. 29571																										X	
06241 B&M ENTERPRISE RT 5 PO BOX 300 HWY 41A N MARION, SC. 29571													X														
06192 BELLSOUTH SERVICE SC HWY S 34 41 MARION, SC. 29501															X												
110017296745 BELLSOUTH SERVICE SC HWY S 34 41 MARION, SC. 29571																										X	
780101 MP SH308.9 MULLINS, SC.				X																							
110017182886 BOBBY GERALD MHP #2 PO BOX 1025 MULLINS, SC. 29574																										X	
110017304219 SHARIS MHP PO BOX 212-3 MULLINS, SC. 29574																										X	
110016957612 BOBBY GERALD MHP PO BOX 410 B MULLINS, SC. 29574																										X	
SCD987588357 NICHOLS TRANSPORT CO PO BOX 994 MULLINS, SC. 29574							X																				
110012208388 NICHOLS TRANSPORT CO PO BOX 994 MULLINS, SC. 29574																										X	
110017018555 CONCRETE CONSTRUCTION PRODUCTS INC PORTABLE MULLINS, SC. 29574																										X	

ENVIRONMENTAL DATA MANAGEMENT

Comprehensive ASTM Research

Report Date: 8/3/2009

NON-MAPPED RECORDS TABLE

Page 3 of 4

REGULATORY LISTS

MAPID# FAC ID, NAME AND LOCATION	N P L	C E R C L I S	N F R A P	E R R A C T S	T O S D	N O N T S D	T R I B U T A N K S	T R I B U T A N K S	U S I N G F I E L D S	U S B R W F L D S	S T N P L	S L D W S T	L U S T	T A N K S	B R N F L D S	V O L C L N U P	D R Y	S P I L L S	R O A D S	R A I L S	B R A S	P A D S	P C S	F R S	T R I S	
110017022050 GAPWAY BAPTIST CHURCH RT 1 MULLINS, SC. 29574																									X	
16117 GAPWAY BAPTIST CHURCH RT 1 MULLINS, SC. 29574													X													
110020012369 WARNER BAXLEY & HOWARD THOMAS RT 1 MULLINS, SC. 29574																									X	
110002201929 R SINCLAIR CAMP RT 1 BOX 438 MULLINS, SC. 29574																									X	
110016999211 R&B CONVENIENCE STORE RT 1 BOX 480 MULLINS, SC. 29574																									X	
110002313274 BAKERS BROTHERS FOXWORTH MINE RT 1 BOX 589 MULLINS, SC. 29574																									X	
06246 R&B CONVENIENCE STORE RT 1 PO BOX 480 MULLINS, SC. 29574													X	X												
110002202009 LEWELLEN TP #1 RT 2 BOX 196 C MULLINS, SC. 29574																									X	
110017165351 LEWELLEN TP #2 RT 2 PO BOX 196C MULLINS, SC. 29574																									X	
110016958167 BAXLEYS TP B RT 2 PO BOX 219 MULLINS, SC. 29574																									X	
110017079169 BAXLEYS TP C RT 2 PO BOX 219 MULLINS, SC. 29574																									X	
110017287363 BAXLEYS TP A RT 2 PO BOX 219 MULLINS, SC. 29574																									X	
110002192528 SCARNG OMS 15 RT 3 BOX 114 MULLINS, SC. 29574																									X	
SC3211800013 SCARNG OMS 15 RT 3 BOX 114 MULLINS, SC. 29574						X																				
SC0000268458 MULLINS MARION CHRISTIAN SCH RT 3 BOX 377A MULLINS, SC. 29574																									X	
11452 JIFFY MART 1 RT 3 PO BOX 345A HWY 76 E MULLINS, SC. 29574													X													

ENVIRONMENTAL DATA MANAGEMENT

Comprehensive ASTM Research

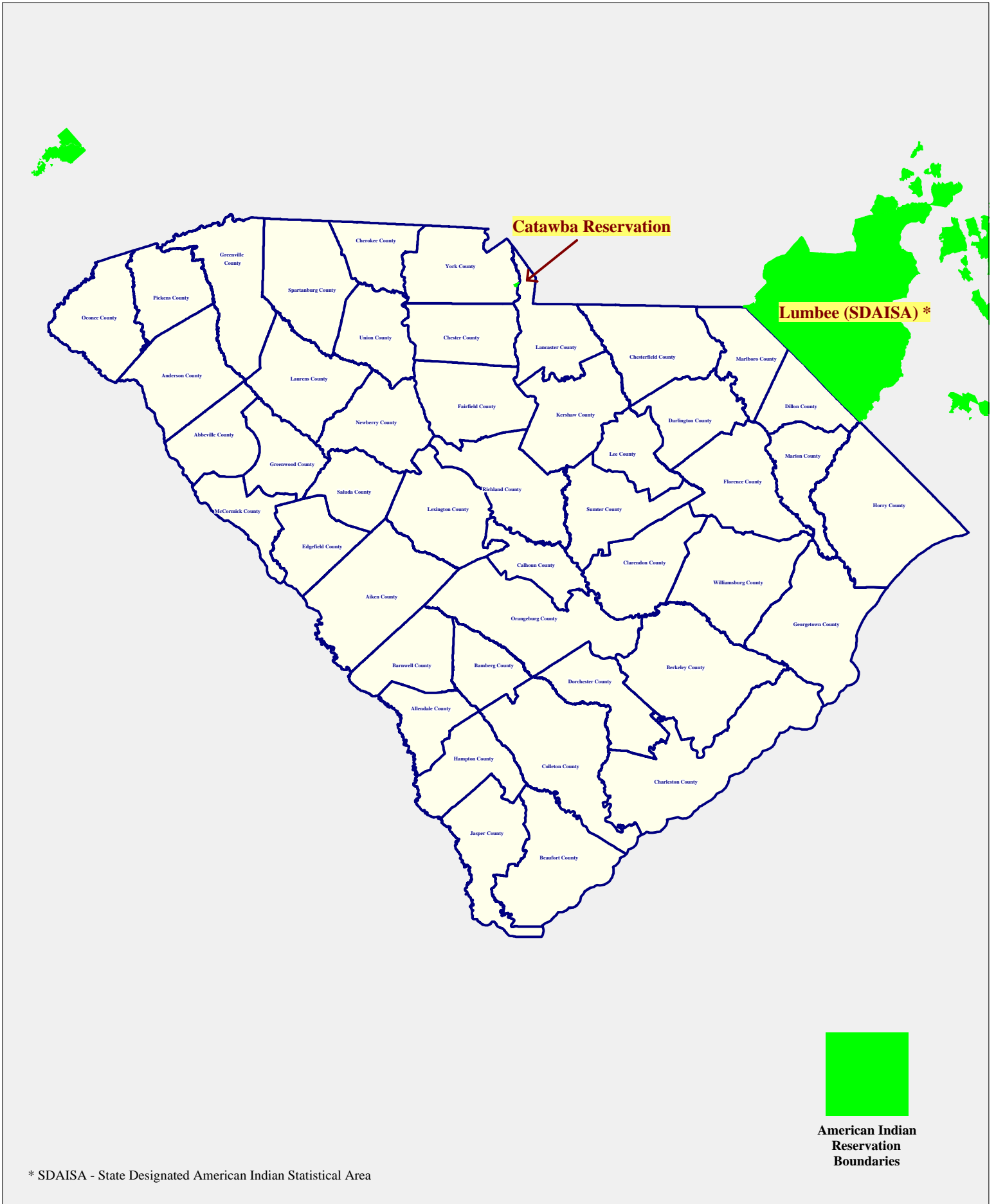
NON-MAPPED RECORDS TABLE

Report Date: 8/3/2009

Page 4 of 4

REGULATORY LISTS

MAPID# FAC ID, NAME AND LOCATION	N P L	C E R C L I S	N F R A P	E F R A S	C R R A C T S	T O S D	N O N T S D	T R I B U T A N K S	T R I B U T E N G	U S B R W F L D S	U S T N P L	S L D W S T	L U S T	T A N K S	B R N F L D S	V O L C L N U P	D R Y	S P I L L S	R O A D S	R A T S	B A S I S	P A D S	P A C S	F C S	F R S	T R I S	
110002201983 H K MCRAE CAMP RT 4 BOX 462 MULLINS, SC. 29574																											X
110017296549 JOHN MARLOW GROCE RT 4 BOX 560 MULLINS, SC. 29574																											X
110011848750 MULLINS-MARION CHRISTIAN SCHOOL RT. 3 BOX 377-A MULLINS, SC. 29574																											X
748748 MILE POST A273.4 SELLARS, SC.				X																							



* SDAISA - State Designated American Indian Statistical Area

South Carolina Tribal Contacts

Entity	Contact	Tel/Fax	Source
Catawba Indian Nation	996 Avenue of the Nations Rock Hill, SC 29730	Phone: 803-366-4792	www.catawbaindiannation.com




Source: USGS NAAP

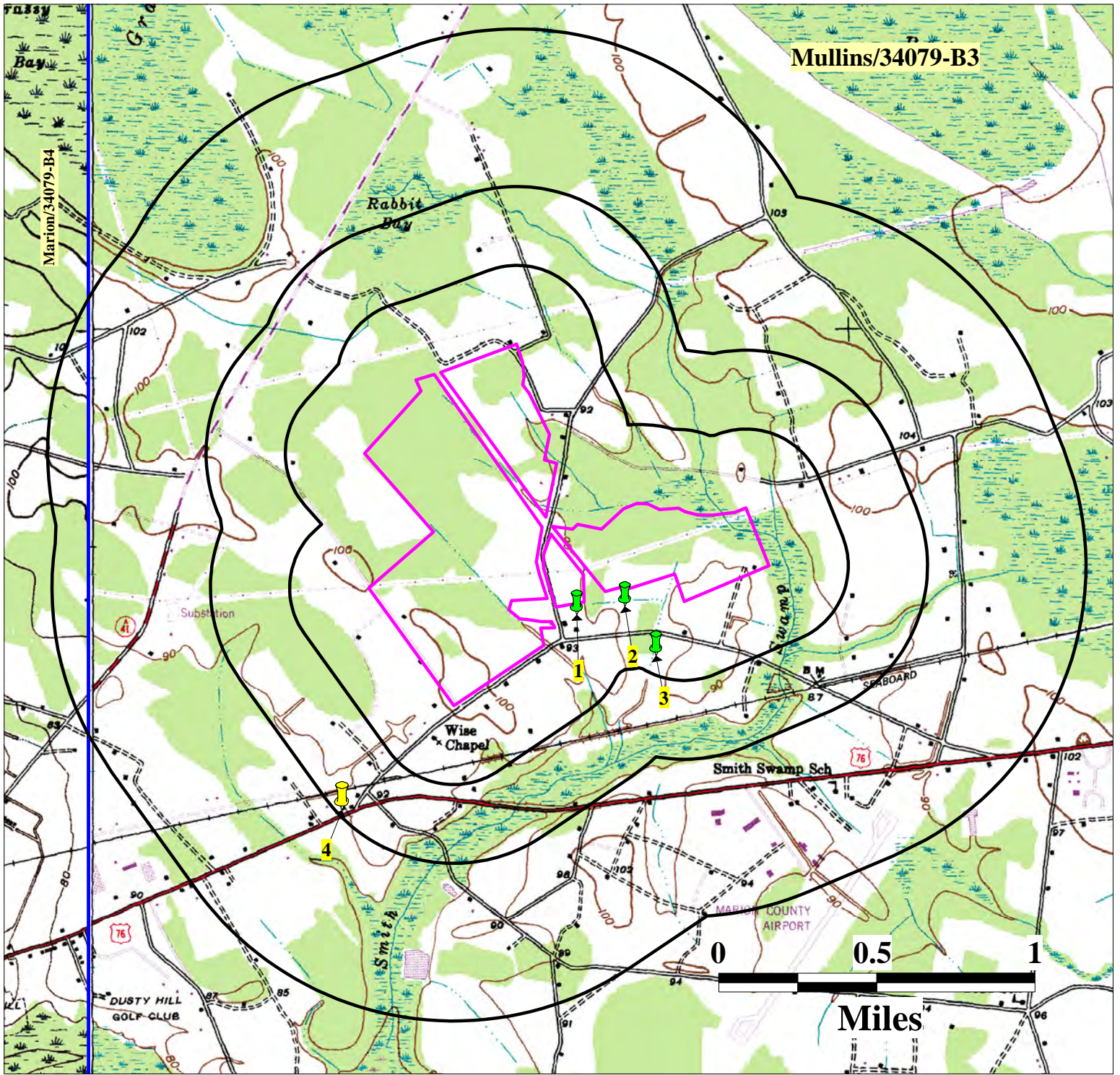
Map Scale and Property
Boundaries are Approximate

Subject Property

Marion County Industrial Park
U.S. Highway 501 and U.S. Highway 76
Marion County, South Carolina

EDM Job No: 20261
August 3, 2009

 Approximate Site Boundary







Source: USGS Digital Raster Graphic (DRG)

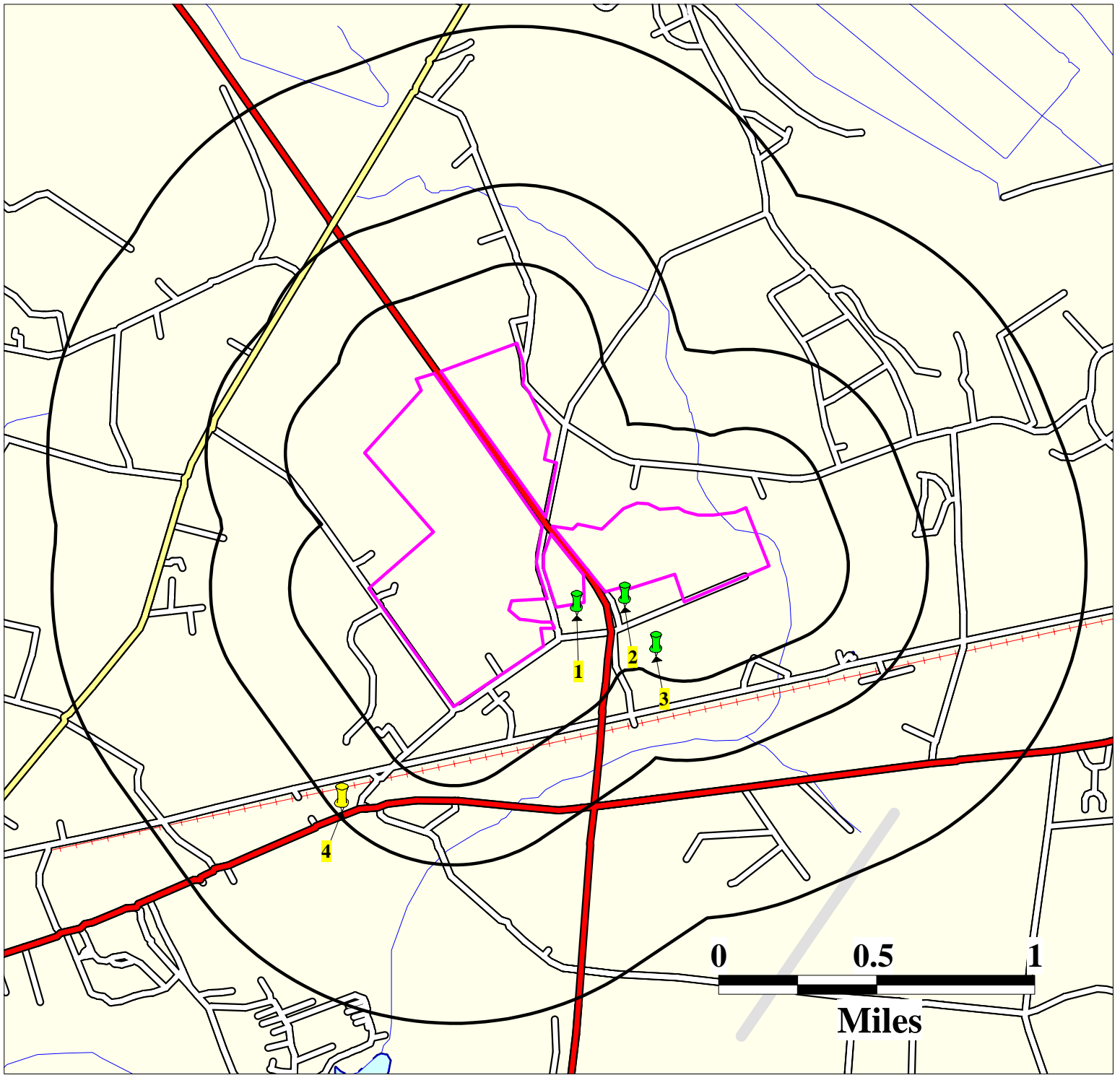
Map Scale and Site Locations are Approximate

Subject Property

Marion County Industrial Park
U.S. Highway 501 and U.S. Highway 76
Marion County, South Carolina

EDM Job No: 20261
August 3, 2009

-  Approximate Site Boundary
-  NPL, CORRACTS, TSD,RODS,RAATS & STNPL sites - 1 Mile Radius
-  CERCLIS, NFRAP, SLDWST, LUST, BRWNFLDS, VOLCLNUP & DRY sites - 1/2 Mile Radius
-  ERNS,NONTSD,TANKS,INSTENG, BRS,PADS,PCS,TRIS & FRS sites - 1/4 Mile Radius



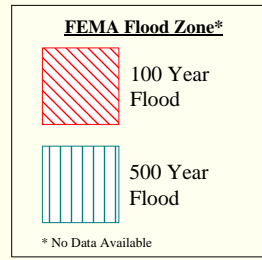
Source: 2006 US Census Bureau TIGER Files, 1994 FEMA Q3 Flood Data

Map Scale and Site Locations are Approximate

Subject Property

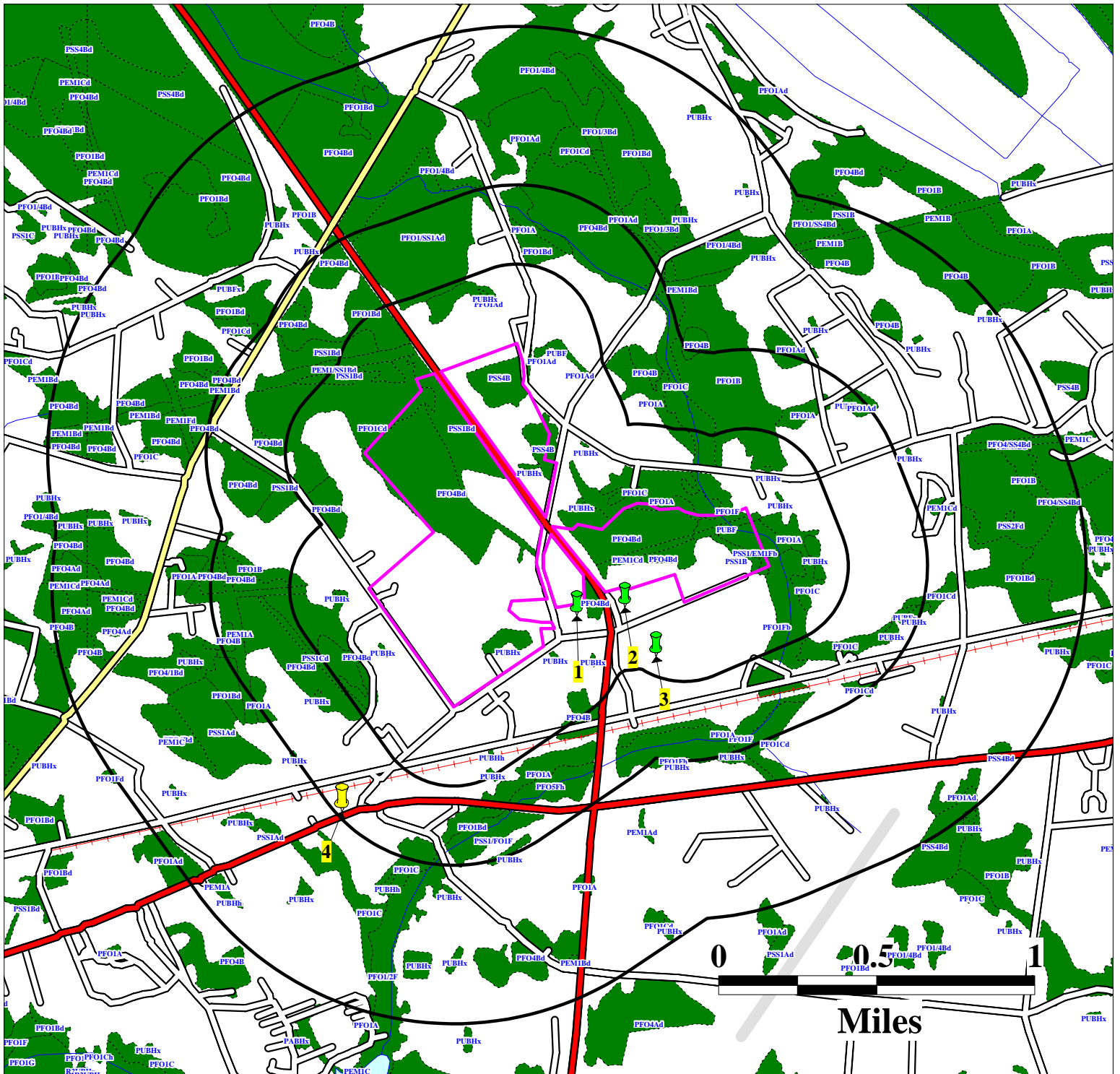
Marion County Industrial Park
U.S. Highway 501 and U.S. Highway 76
Marion County, South Carolina

EDM Job No: 20261
August 3, 2009



Approximate Site Boundary

- NPL, CORRACTS, TSD, RODS, RAATS & STNPL sites - 1 Mile Radius
- CERCLIS, NFRAP, SLDWST, LUST, BRWNFLDS, VOLCLNUP & DRY sites - 1/2 Mile Radius
- ERNS, NONTSD, TANKS, INSTENG, BRS, PADS, PCS, TRIS & FRS sites - 1/4 Mile Radius



Source: 2006 US Census Bureau TIGER Files, 2002 US Fish & Wildlife Svc Nat Wetlands Inventory DLG Data

Map Scale and Site Locations are Approximate

Subject Property

Marion County Industrial Park
U.S. Highway 501 and U.S. Highway 76
Marion County, South Carolina

EDM Job No: 20261
August 3, 2009

NWI Wetlands	
	Upland
	Palustrine
	Lacustrine
	Riverine
	Estuarine
	Marine

Approximate Site Boundary



NPL, CORRACTS, TSD, RODS, RAATS & STNPL sites - 1 Mile Radius



CERCLIS, NFRAP, SLDWST, LUST, BRWNFLDS, VOLCLNUP & DRY sites - 1/2 Mile Radius



ERNS, NONTSD, TANKS, INSTENG, BRS, PADS, PCS, TRIS & FRS sites - 1/4 Mile Radius

Agency List Descriptions

US Environmental Protection Agency (USEPA)

Comprehensive Env Response, Compensation & Liability Information System List(CERCLIS)

The US EPA Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) is the Superfund database used to track facilities and/or locations that the USEPA is investigating to determine if an existing or threatened release of hazardous substances is present.

Agency File Date: 1/9/2009

Received by EDM: 5/25/2009

EDM Database Updated: 5/25/2009

RCRIS Handlers with Corrective Action(CORRACTS)

The US EPA Corrective Action Sites (CORRACTS) database is a listing of hazardous waste handlers that have undergone RCRA corrective action activity. This information is compiled by the EPA Regional and State RCRA program personnel, as well as the RCRA facilities themselves.

Agency File Date: 5/13/2009

Received by EDM: 5/20/2009

EDM Database Updated: 5/22/2009

Emergency Response Notification System List(ERNS)

The Emergency Response Notification System (ERNS) database stores information on oil discharges and hazardous substance releases. The ERNS program is a cooperative data sharing effort among the EPA, DOT and the National Response Center (NRC), which currently provides access to this data.

Agency File Date: 1/26/2009

Received by EDM: 5/20/2009

EDM Database Updated: 5/20/2009

Archived Cerclis Sites(NFRAP)

The US EPA NFRAP list contains archived data of CERCLIS records where the EPA has completed assessment activities and determined that no further steps to list the site on the NPL will be taken. NFRAP sites may be reviewed in the future to determine if they should be returned to CERCLIS based upon newly identified contamination problems at the site.

Agency File Date: 7/7/2009

Received by EDM: 7/8/2009

EDM Database Updated: 7/9/2009

RCRA-LQG,SQG,CESQG and Transporters(NONTSD)

The EDM NONTSD list is a subset of the US EPA RCRAInfo System and identifies facilities that generate and transport hazardous wastes. These facilities may be Large Quantity Generators (LQG), Small Quantity Generators (SQG), Conditionally Exempt SQG's (CESQG) as well as "Non-Notifiers" and "Non-Handlers".

Agency File Date: 4/19/2009

Received by EDM: 4/28/2009

EDM Database Updated: 4/28/2009

National Priorities List(NPL)

The US EPA National Priorities List (NPL) contains facilities and/or locations where environmental contamination has been confirmed and prioritized for cleanup activities. In addition to sites that are currently on the EPA NPL, the EDM database contains sites that have been Proposed for and Deleted from the list.

Agency File Date: 5/9/2009

Received by EDM: 5/21/2009

EDM Database Updated: 5/21/2009

Tribal Lust List(TRIBLLUST)

The USEPA Region IV Tribal Tanks database lists Active and Closed storage tank facilities on Native American lands. The EDM Tribal Lust report is created by extracting those records from the storage tank database that have indicated current or past releases.

Agency File Date: 6/6/2008

Received by EDM: 10/14/2008

EDM Database Updated: 10/27/2008

Tribal Tanks List(TRIBLTANKS)

The USEPA Region IV Tribal Tanks database lists Active and Closed storage tank facilities on Native American lands.

Agency File Date: 6/6/2008

Received by EDM: 10/14/2008

EDM Database Updated: 10/27/2008

RCRA-Treatment, Storage and/or Disposal Sites(TSD)

The EDM TSD list is a subset of the US EPA RCRAInfo system and identifies facilities that Treat, Store and/or Dispose of hazardous waste.

Agency File Date: 4/19/2009

Received by EDM: 4/28/2009

EDM Database Updated: 4/28/2009

Brownfields Management System(USBRWNFLDS)

The US EPA Brownfields program contains information on Brownfields properties reported to be addressed by Brownfields Grantees or by EPA with Targeted Brownfields Assessment funding. EDM has included Tribal Brownfield sites in it's USBRWNFLDS database.

Agency File Date: 5/13/2009

Received by EDM: 5/23/2009

EDM Database Updated: 5/23/2009

US Institutional and/or Engineering Controls(USINSTENG)

The USINSTENG list is compiled from data elements contained in the NPL, CORRACTS and USBRWNFLDS lists.

Agency File Date: 5/13/2009

Received by EDM: 5/20/2009

EDM Database Updated: 6/29/2009

South Carolina Department of Health and Environmental Control (SCDHEC)

State Designated Brownfields(BRWNFLDS)

The SCDHEC Brownfields list is a component of the State Voluntary Cleanup Program. Brownfield sites are typically abandoned, idled or underused industrial and commercial facilities where expansion or redevelopment is complicated by real or perceived environmental contamination.

Agency File Date: 7/31/2009

Received by EDM: 7/31/2009

EDM Database Updated: 7/31/2009

State Dry Cleaners List(DRY)

The SCDHEC Dry Cleaners list contains information on sites that are registered with the State of South Carolina for inclusion in the Dry-cleaning Facility Restoration Trust Fund. These funds are used to assess, prioritize, and clean up polluted dry-cleaning sites that are registered with the State.

Agency File Date: 1/8/2007

Received by EDM: 6/15/2009

EDM Database Updated: 6/15/2009

Leaking Underground Storage Tanks List(LUST)

The SC DHEC Confirmed Release Report (LUST) is a listing of facilities and/or locations where a confirmed release of hazardous material has occurred, including releases from underground storage tank systems.

Agency File Date: 11/6/2008

Received by EDM: 6/15/2009

EDM Database Updated: 6/15/2009

Solid Waste Facilities List(SLDWST)

The SC DHEC SLDWST list contains facilities or locations that conduct solid waste handling activities. These sites may include municipal solid waste landfills, industrial waste landfills, construction, demolition and land clearing debris sites, ash monofill landfills, inert waste sites, sludge monofill sites, solid waste transfer stations and composting and wood chipping/shredding facilities.

Please note that site location information for this list is often lacking or is frequently reported as the location of administrative offices. If you require any detailed information on a Solid Waste Facility of interest, please contact EDM and we will provide this data at no additional cost.

Agency File Date: 2/6/2008

Received by EDM: 6/15/2009

EDM Database Updated: 6/15/2009

Spills List(SPILLS)

The SCDHEC Spills List contains information reported to the department relative to the discharges of pollutants.

Agency File Date: 11/6/2008

Received by EDM: 11/15/2008

EDM Database Updated: 11/23/2008

State NPL Equivalent(STNPL)

The SCDHEC State Priority List (SPL) contains sites where environmental contamination has been confirmed and the State assumes responsibility for the assessment and remediation of the site. This list is considered the State equivalent of the US EPA National Priority List (NPL).

Agency File Date: 11/6/2008

Received by EDM: 11/15/2008

EDM Database Updated: 11/23/2008

Underground/Aboveground Storage Tanks(TANKS)

The SCDHEC Comprehensive Underground Storage Tanks List (TANKS) identifies those facilities or locations that have registered underground storage tanks within the State of South Carolina. Aboveground Tank locations are derived from the SCDHEC GIS program.

Agency File Date: 4/20/2009

Received by EDM: 7/31/2009

EDM Database Updated: 7/31/2009

State Voluntary Cleanup List(VOLCLNUP)

The SCDHEC Voluntary Cleanup Program list contains information on sites where either responsible or non-responsible parties have agreed to perform environmental assessment and/or remediation activities. Some sites included on the Voluntary Cleanup list may also be designated Brownfields sites.

Agency File Date: 7/31/2009

Received by EDM: 7/31/2009

EDM Database Updated: 7/31/2009

Supplemental Databases

Biennial Reporting System(BRS)

The US EPA Biennial Reporting System(BRS) collects data on the generation and management of hazardous waste from Large Quantity Generators and Treatment, Storage and Disposal facilities (TSD's). The data is reported, on even years, by the facilities to state environmental agencies which provide the information to regional and national EPA offices.

Agency File Date: 1/19/2007

Received by EDM: 6/24/2008

EDM Database Updated: 6/25/2008

Facility Registry System(FRS)

The US EPA Facility Registry System (FRS) is a centrally managed database of sites that are regulated by Program Offices of the EPA; such as Air, Water and Waste. The FRS has replaced the Facility Index System (FINDS) list.

Agency File Date: 3/11/2009

Received by EDM: 3/11/2009

EDM Database Updated: 3/12/2009

PCB Activity Data System(PADS)

The USEPA tracks sites that conduct activities relative to the generation, transportation, permitted storage and permitted disposal of PCB's. This information was previously contained in the PCB Activities Database (PADS) and is currently reported using the Notification of PCB Activity Quarterly Reports.

Agency File Date: 2/24/2009

Received by EDM: 3/10/2009

EDM Database Updated: 3/11/2009

Permit Compliance System(PCS)

The US EPA Permit Compliance System (PCS) is a data system for the National Pollutant Discharge Elimination System (NPDES) permit holding facilities.

Agency File Date: 2/1/2008

Received by EDM: 5/1/2008

EDM Database Updated: 5/1/2008

RCRA Administrative Action Tracking System(RAATS)

The US EPA RAATS list is a historical RCRA enforcement database that tracked facilities found to be major violators under RCRA. Data entry in this database was discontinued in 1995.

Agency File Date: 8/1/1995

Received by EDM: 8/30/1995

EDM Database Updated: 9/17/1995

Record Of Decisions System(RODS)

The US EPA RODS system documents information relative to site history, community participation, enforcement activities, site characteristics, scope and role of response action, and remedies applied at Superfund (NPL) sites

Agency File Date: 3/10/2009

Received by EDM: 3/10/2009

EDM Database Updated: 3/10/2009

Toxic Release Inventory System(TRIS)

The US EPA TRIS list identifies those facilities that are required to submit annual reports relative to the estimated routine and accidental release of toxic chemicals to the environment, as stipulated under current federal laws.

Agency File Date: 2/6/2008

Received by EDM: 1/6/2009

EDM Database Updated: 1/6/2009

Map Descriptions

American Indian Lands

EDM has obtained American Indian Reservation boundary files from the US Census Bureau and has presented them in a statewide reference map. General location and contact information is also presented in the Table accompanying this map.

Topographic Map

EDM's Topographic Map is derived from Digital Raster Graphic (DRG) data obtained from the US Geological Survey (USGS). A DRG is a raster image created by scanning published paper maps on high-resolution scanners. To display these DRGs within our Geographic Information System (GIS), EDM strips the collar information from each image and assigns control points for matching the image to ground control coordinate values associated with our vector based Street Map data.

FEMA Flood Map

EDM's FEMA Flood Map is a representation of 100-Year and 500-Year floodplain areas as derived from Digital Q3 Flood Data obtained from the Federal Emergency Management Agency (FEMA). The Q3 Flood Data are developed by scanning and vectorizing existing hardcopy Flood Insurance Rate Maps (FIRMs) to create 1) a raster product suitable for viewing or printing and 2) a thematic vector overlay of flood risk areas. The Q3 Flood Data are intended to capture all FIRM data in the raster file, but only certain features in the vector file. EDM uses the vector file to provide a graphic display of the 100-year and 500-year floodplain areas.

Definitions: SFHA-Special Flood Hazard Area COBRA-Coastal Barrier Resources Act

NWI Wetlands Map

EDM's NWI Wetlands Map is a representation of wetland areas as derived from Digital Line Graph (DLG) data obtained from the US Fish and Wildlife Service (FWS) National Wetlands Inventory (NWI) program. The FWS/NWI has the primary responsibility for the mapping and inventory of wetlands within the United States. The NWI produces wetland maps by initially employing photo-interpretation of color-infrared photographs. These photographs often provide distinctive color, texture and pattern features that are characteristic of wetland vegetation and background soils. The mapping process may be further checked and validated through analysis of US Geological Survey (USGS) Topographic maps and Natural Resources Conservation Service (NRCS) Soil Survey maps. In some instances, field reconnaissance may also be an option during the validation process.

Table 1. COWARDIN CLASSIFICATION OF WETLANDS AND DEEPWATER HABITATS

SYSTEM	SUBSYSTEM	CLASS	SUBCLASS
M=MARINE	1=SUBTIDAL	- RB=Rock Bottom	1=Bedrock 2=Rubble
		- UB=Unconsolidated Bottom	1=Cobble-Gravel 2=Sand 3=Mud 4=Organic
		- AB=Aquatic Bed	1=Algal 3=Rooted Vascular 5=Unknown Submergent
		- RF=Reef	1=Coral 3=Worm
		- OW=Open Water/Unknown Bottom (used on older maps)	
	2=INTERTIDAL	- AB=Aquatic Bed	1=Algal 3=Rooted Vascular 5=Unknown Submergent
		- RF=Reef	1=Coral 3=Worm
		- RS=Rocky Shore	1=Bedrock 2=Rubble
		- US=Unconsolidated Shore	1=Cobble-Gravel 2=Sand 3=Mud 4=Organic
E=ESTUARINE	1=SUBTIDAL	- RB=Rock Bottom	1=Bedrock 2=Rubble
		- UB=Unconsolidated Bottom	1=Cobble-Gravel 2=Sand 3=Mud 4=Organic
		- AB=Aquatic Bed	1=Algal 3=Rooted Vascular 4=Floating Vascular 5=Unknown Submergent 6=Unknown Surface
		- RF=Reef	2=Mollusc 3=Worm
		- OW=Open Water/Unknown Bottom (used on older maps)	
	2=INTERTIDAL	- AB=Aquatic Bed	1=Algal 3=Rooted Vascular 4=Floating Vascular 5=Unknown Submergent 6=Unknown Surface
		- RF=Reef	2=Mollusc 3=Worm
		- SB=Streambed	3=Cobble-Gravel 4=Sand 5=Mud 6=Organic
		- RS=Rocky Shore	1=Bedrock 2=Rubble
		- US=Unconsolidated Shore	1=Cobble-Gravel 2=Sand 3=Mud 4=Organic
		- EM=Emergent	1=Persistent 2=Nonpersistent
		- SS=Scrub-Shrub	1=Broad-Leaved Deciduous 2=Needle-Leaved Deciduous 3=Broad-Leaved Evergreen 4=Needle-Leaved Evergreen 5=Dead 6=Indeterminate Deciduous 7=Indeterminate Evergreen
		- FO=Forested	1=Broad-Leaved Deciduous 2=Needle-Leaved Deciduous 3=Broad-Leaved Evergreen 4=Needle-Leaved Evergreen 5=Dead 6=Indeterminate Deciduous 7=Indeterminate Evergreen

SYSTEM	SUBSYSTEM	CLASS	SUBCLASS	
R=RIVERINE	--1=TIDAL----- --2=LOWER PERENNIAL---- --3=UPPER PERENNIAL---- --4=INTERMITTENT- --5=UNKNOWN PERENNIAL---- (used on older maps)	- RB=Rock Bottom	1=Bedrock 2=Rubble	
		- UB=Unconsolidated Bottom	1=Cobble-Gravel 2=Sand 3=Mud 4=Organic	
		-*SB=Streambed	1=Bedrock 2=Rubble 3=Cobble-Gravel 4=Sand 5=Mud 6=Organic 7=Vegetated	
		- AB=Aquatic Bed	1=Algal 2=Aquatic Moss 3=Rooted Vascular 4=Floating Vascular 5=Unknown Submergent 6=Unknown Surface	
		- RS=Rocky Shore	1=Bedrock 2=Rubble	
		- US=Unconsolidated Shore	1=Cobble-Gravel 2=Sand 3=Mud 4=Organic 5=Vegetated	
		-**EM=Emergent	2=Nonpersistent	
		- OW=Open Water/Unknown Bottom (used on older maps)		
		-*STREAMBED is limited to TIDAL and INTERMITTENT SUBSYSTEMS, and comprises the only CLASS in the INTERMITTENT SUBSYSTEM.		
		-*EMERGENT is limited to TIDAL and LOWER PERENNIAL SUBSYSTEMS.		

L=LACUSTRINE	-- 1=LIMNETIC----- -- 2=LITTORAL----	- RB=Rock Bottom	1=Bedrock 2=Rubble
		- UB=Unconsolidated Bottom	1=Cobble-Gravel 2=Sand 3=Mud 4=Organic
		- AB=Aquatic Bed	1=Algal 2=Aquatic Moss 3=Rooted Vascular 4=Floating Vascular 5=Unknown Submergent 6=Unknown Surface
		- OW=Open Water/Unknown Bottom (used on older maps)	
		- RB=Rock Bottom	1=Bedrock 2=Rubble
		- UB=Unconsolidated Bottom	1=Cobble-Gravel 2=Sand 3=Mud 4=Organic
		- AB=Aquatic Bed	1=Algal 2=Aquatic Moss 3=Rooted Vascular 4=Floating Vascular 5=Unknown Submergent 6=Unknown Surface
		- RS=Rocky Shore	1=Bedrock 2=Rubble
		- US=Unconsolidated Shore	1=Cobble-Gravel 2=Sand 3=Mud 4=Organic 5=Vegetated
		- EM=Emergent	2=Nonpersistent
- OW=Open Water/Unknown Bottom (used on older maps)			

SYSTEM	SUBSYSTEM	CLASS	SUBCLASS
P=PALUSTRINE	-----	- RB=Rock Bottom	1=Bedrock 2=Rubble
		- UB=Unconsolidated Bottom	1=Cobble-Gravel 2=Sand 3=Mud 4=Organic
		- AB=Aquatic Bed	1=Algal 2=Aquatic Moss 3=Rooted Vascular 4=Floating Vascular 5=Unknown Submergent 6=Unknown Surface
		- US=Unconsolidated Shore	1=Cobble-Gravel 2=Sand 3=Mud 4=Organic 5=Vegetated
		- ML=Moss-Lichen	1=Moss 2=Lichen
	-----	- EM=Emergent	1=Persistent 2=Nonpersistent
		- SS=Scrub-Shrub	1=Broad-Leaved Deciduous 2=Needle-Leaved Deciduous 3=Broad-Leaved Evergreen 4=Needle-Leaved Evergreen 5=Dead 6=Indeterminate Deciduous 7=Indeterminate Evergreen
		- FO=Forested	1=Broad-Leaved Deciduous 2=Needle-Leaved Deciduous 3=Broad-Leaved Evergreen 4=Needle-Leaved Evergreen 5=Dead 6=Indeterminate Deciduous 7=Indeterminate Evergreen
		- OW=Open Water/Unknown Bottom (used on older maps)	

MODIFIERS

WATER REGIME	-----	- A=Temporarily Flooded
		- B=Saturated
		- C=Seasonally Flooded
		- D=Seasonally Flooded/Well Drained
		- E=Seasonally Flooded/Saturated
		- F=Semipermanently Flooded
		- G=Intermittently Exposed
		- H=Permanently Flooded
		- J=Intermittently Flooded
		- K=Artificially Flooded
-----	- W=Intermittently Flooded/Temporary (used on older maps)	
	- Y=Saturated/Semipermanent/Seasonal (used on older maps)	
	- Z=Intermittently Exposed/Permanent (used on older maps)	
	- U=Unknown	

WATER REGIME	-----	- K=Artificially Flooded
		- L=Subtidal
		- M=Irregularly Exposed
		- N=Regularly Flooded
		- P=Irregularly Flooded
		- *S=Temporary-Tidal
		- *R=Seasonal-Tidal
		- *T=Semipermanent-Tidal
		- *V=Permanent-Tidal
		- U=Unknown
- *These water regimes are only used in tidally influenced, freshwater systems.		

WATER CHEMISTRY	-----	- 1=Hyperhaline	SOIL-----	- g=Organic
		- 2=Euhaline		- n=Mineral
		- 3=Mixohaline (Brackish)		
		- 4=Polyhaline		
		- 5=Mesohaline		
		- 6=Oligohaline		
		- 0=Fresh		

WATER CHEMISTRY	-----	- 7=Hypersaline	SPECIAL MODIFIERS-----	- b=Beaver
		- 8=Eusaline		- d=Partially Drained/Ditched
		- 9=Mixosaline		- f=Farmed
		- 0=Fresh		- h=Diked/Impounded
				- r=Artificial Substrate
	- s=Spoil			
	- x=Excavated			

U = Uplands

WATER CHEMISTRY	-----	- pH Modifiers for all Fresh Water	- a=Acid
			- t=Circumneutral
			- i=Alkaline

APPENDIX C
PROPERTY OWNER INTERVIEW



ALLIANCE CONSULTING ENGINEERS, INC.

POST OFFICE BOX 8147
 COLUMBIA, SC 29202-8147
 PHONE: (803) 779-2078 FAX: (803) 779-2079
 WWW.ALLIANCECE.COM

**Phase I Environmental Site Assessment
 Questionnaire**

PROJECT NAME: PHASE I ESA FOR THE MARION COUNTY INDUSTRIAL PARK	PROJECT NO.: 09137-34
--	------------------------------

CLIENT: MARION COUNTY

PROJECT ADDRESS: MARION COUNTY TAX MAP NO. 055-00-00-021

INTERVIEW VIA: TELEPHONE IN PERSON E-MAIL MAIL

I. Site Visit and Owner Inquiry

Please indicate the appropriate response to the following questions:

Question	Owner			Occupants (If Applicable)			Observed During Site Visit		
	Yes	No	Unk	Yes	No	Unk	Yes	No	Unk
1. Is the property or any adjoining property used for an industrial use?	X						X		
2. To the best of your knowledge, has the property or any adjoining property been used for an industrial use in the past?	X						X		
3. Is the property or any adjoining property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?		X						X	
4. To the best of your knowledge has the property or any adjoining property been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?		X							X

Unk = "Unknown" or "No Response"

PHASE I ESA - QUESTIONNAIRE

PROJECT NAME: PHASE I ESA FOR THE MARION COUNTY INDUSTRIAL PARK

ADDRESS: P.O. Box 840

MARION, SOUTH CAROLINA 29571

CLIENT: MARION COUNTY

Question	Owner			Occupants (If Applicable)			Observed During Site Visit		
	Yes	No	Unk	Yes	No	Unk	Yes	No	Unk
	5. Are there currently, or to the best of your knowledge have there been previously, any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers of greater than 5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility?		X						X
6. Are there currently, or to the best of your knowledge have there been previously, any industrial drums (typically 55 gal (208 L) or sacks of chemicals located on the property or at the facility?		X							X
7. Has fill dirt been brought onto the property that originated from a contaminated site or that is of an unknown origin?		X						X	
8. Are there currently, or to the best of your knowledge, have there been previously, any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?		X						X	
9. Is there currently, or to the best of your knowledge has there been previously, any stained soil on the property?		X						X	
10. Are there currently, or to the best of your knowledge, has there been previously, any registered or unregistered storage tanks (above or underground) located on the property?		X							X
11. Are there currently, or to the best of your knowledge, has there been previously, any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?			X					X	
12. Are there currently, or to the best of your knowledge, have there been previously, any flooring, drains, or walls located within the facility that are stained by substances other than water or emitting foul odors?		X						X	

Unk = "Unknown" or "No Response"

PHASE I ESA - QUESTIONNAIRE

PROJECT NAME: PHASE I ESA FOR THE MARION COUNTY INDUSTRIAL PARK

ADDRESS: P.O. Box 840

MARION, SOUTH CAROLINA 29571

CLIENT: MARION COUNTY

Question	Owner			Occupants (If Applicable)			Observed During Site Visit		
	Yes	No	Unk	Yes	No	Unk	Yes	No	Unk
13. If the property is served by a private well or non-public water system, have contaminants been identified in the well or system that exceed guidelines applicable to the water system or has the well been designated as contaminated by any government environmental/health agency?		X						X	
14. Does the owner or occupant of the property have any knowledge of environmental liens or governmental notification relating to the past or recurrent violations of environmental laws with respect to the property or any facility located on the property?		X							X
15. Has the owner or occupant of the property been informed of the past or current existence of hazardous substances or petroleum products or environmental violations with respect to the property or any facility located on the property?		X							X
16. Does the owner or occupant of the property have any knowledge of any environmental site assessment of the property or facility that indicate the presence of hazardous substances or petroleum products on, or contamination of, the property of recommended further assessment of the property?		X							X
17. Does the owner or occupant of the property know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the property by any owner or occupant of the property?		X							X
18. Does the property discharge wastewater on or adjacent to the property other than stormwater into a sanitary sewer system?		X						X	

Unk = "Unknown" or "No Response"

PHASE I ESA - QUESTIONNAIRE

PROJECT NAME: PHASE I ESA FOR THE MARION COUNTY INDUSTRIAL PARK

ADDRESS: P.O. Box 840

MARION, SOUTH CAROLINA 29571

CLIENT: MARION COUNTY

Question	Owner			Occupants (If Applicable)			Observed During Site Visit		
	Yes	No	Unk	Yes	No	Unk	Yes	No	Unk
	19. To the best of your knowledge, have any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries or any other waste materials been dumped above grade, buried and/or burned on the property?		X						X
20. Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs?		X						X	

Unk = "Unknown" or "No Response"

II. Government Records and Historical Sources Inquiry

21. Do any of the following Federal government record systems list the property or any property within the circumference of the area noted below:

- | | <u>Yes</u> | <u>No</u> | <u>Unk</u> |
|--|--------------------------|-------------------------------------|--------------------------|
| • National Priorities List – within 1.0 mile (1.6 Km)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| • CERCLIS List – within 0.5 mile (0.8 Km)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| • RCRA TSD Facilities – within 1.0 miles (1.6 Km)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

22. Do any of the following state record systems list the property or any property within the circumference of the area noted below:

- List maintained by state environmental agency of hazardous waste sites identified for investigation or remediation that is the state agency equivalent to NPL – within approximately 1.0 miles (1.6 Km)? Yes No Unk
- List maintained by state environmental agency of site identified for investigation or remediation that is the state equivalent to CERCLIS – within 0.5 mile (0.8 Km)?
Yes No Unk

23. Based upon a review of fire insurance maps or consultation with the local fire department serving the property, all as specified in the guide, are any buildings or other improvements on the property or on an adjoining property identified as having been used for an industrial use or uses likely to lead contamination of the property? Yes No Unk

PHASE I ESA - QUESTIONNAIRE

PROJECT NAME: PHASE I ESA FOR THE MARION COUNTY INDUSTRIAL PARK

ADDRESS: P.O. Box 840

MARION, SOUTH CAROLINA 29571

CLIENT: MARION COUNTY

III. Execution and Verification of Questionnaire

The preparer of the transaction screen questionnaire must complete and sign the following statement.

This questionnaire was completed by:

Name: Robert "Bob" M. Freeman, E.I.T.
Title: Engineering Associate
Firm: Alliance Consulting Engineers, Inc.
Address: P.O. Box 8147
Columbia, SC 29202-8147
Phone Number: 803-779-2078
Date: August 6, 2009

If the preparer is different than the user, complete the following:

Name of interviewees: Rodney Berry
Interviewee's address: 115 Guyton Road
P.O. Box 840
Marion, SC 29571
Interviewee's phone number: (843)-423-8235
Preparer's relationship to site: Representative of the Owner (Marion County)
Preparer's relationship to user: Representative of the Owner (Marion County)

Copies of the completed questionnaire have been filed at: Alliance Consulting Engineers, Inc., P.O. Box 8147, Columbia, SC 29202-8147

Copies of the completed questionnaire have been mailed or delivered to: Rodney Berry, P.O. Box 840, Marion, SC 29571

Preparer represents that to the best of knowledge the above statements and facts are true and correct and to the best of the preparer's knowledge and that no material facts have been suppressed or misstated.



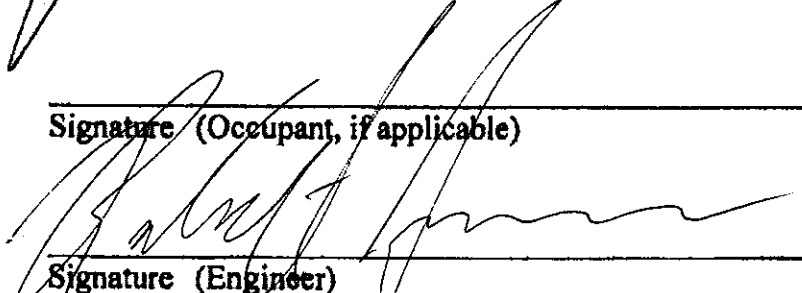
Signature (Owner)

8-17-09

Date

Signature (Occupant, if applicable)

Date



Signature (Engineer)

8/6/09

Date



ALLIANCE CONSULTING ENGINEERS, INC.

POST OFFICE BOX 8147
 COLUMBIA, SC 29202-8147
 PHONE: (803) 779-2078 FAX: (803) 779-2079
 WWW.ALLIANCECE.COM

**Phase I Environmental Site Assessment
 Questionnaire**

PROJECT NAME: PHASE I ESA FOR THE MARION COUNTY INDUSTRIAL PARK

PROJECT NO.: 09137-34

CLIENT: MARION COUNTY

PROJECT ADDRESS: MARION COUNTY TAX MAP NO. 044-00-00-036

INTERVIEW VIA: TELEPHONE IN PERSON E-MAIL MAIL

I. Site Visit and Owner Inquiry

Please indicate the appropriate response to the following questions:

Question	Owner			Occupants (If Applicable)			Observed During Site Visit		
	Yes	No	Unk	Yes	No	Unk	Yes	No	Unk
1. Is the property or any adjoining property used for an industrial use?	X						X		
2. To the best of your knowledge, has the property or any adjoining property been used for an industrial use in the past?	X						X		
3. Is the property or any adjoining property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?		X					X		
4. To the best of your knowledge has the property or any adjoining property been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?		X					X		

Unk = "Unknown" or "No Response"

PHASE I ESA - QUESTIONNAIRE

PROJECT NAME: PHASE I ESA FOR THE MARION COUNTY INDUSTRIAL PARK

ADDRESS: P.O. Box 840

MARION, SOUTH CAROLINA 29571

CLIENT: MARION COUNTY

Question	Owner			Occupants (If Applicable)			Observed During Site Visit		
	Yes	No	Unk	Yes	No	Unk	Yes	No	Unk
	5. Are there currently, or to the best of your knowledge have there been previously, any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers of greater than 5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility?		X						X
6. Are there currently, or to the best of your knowledge have there been previously, any industrial drums (typically 55 gal (208 L) or sacks of chemicals located on the property or at the facility?			X					X	
7. Has fill dirt been brought onto the property that originated from a contaminated site or that is of an unknown origin?		X						X	
8. Are there currently, or to the best of your knowledge, have there been previously, any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?		X						X	
9. Is there currently, or to the best of your knowledge has there been previously, any stained soil on the property?			X					X	
10. Are there currently, or to the best of your knowledge, has there been previously, any registered or unregistered storage tanks (above or underground) located on the property?		X							X
11. Are there currently, or to the best of your knowledge, has there been previously, any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?		X						X	
12. Are there currently, or to the best of your knowledge, have there been previously, any flooring, drains, or walls located within the facility that are stained by substances other than water or emitting foul odors?		X						X	

Unk = "Unknown" or "No Response"

PHASE I ESA - QUESTIONNAIRE

PROJECT NAME: PHASE I ESA FOR THE MARION COUNTY INDUSTRIAL PARK

ADDRESS: P.O. Box 840

MARION, SOUTH CAROLINA 29571

CLIENT: MARION COUNTY

Question	Owner			Occupants (If Applicable)			Observed During Site Visit		
	Yes	No	Unk	Yes	No	Unk	Yes	No	Unk
13. If the property is served by a private well or non-public water system, have contaminants been identified in the well or system that exceed guidelines applicable to the water system or has the well been designated as contaminated by any government environmental/health agency?			X					X	
14. Does the owner or occupant of the property have any knowledge of environmental liens or governmental notification relating to the past or recurrent violations of environmental laws with respect to the property or any facility located on the property?		X							X
15. Has the owner or occupant of the property been informed of the past or current existence of hazardous substances or petroleum products or environmental violations with respect to the property or any facility located on the property?			X						X
16. Does the owner or occupant of the property have any knowledge of any environmental site assessment of the property or facility that indicate the presence of hazardous substances or petroleum products on, or contamination of, the property of recommended further assessment of the property?			X						X
17. Does the owner or occupant of the property know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the property by any owner or occupant of the property?		X							X
18. Does the property discharge wastewater on or adjacent to the property other than stormwater into a sanitary sewer system?		X						X	

Unk = "Unknown" or "No Response"

PHASE I ESA - QUESTIONNAIRE

PROJECT NAME: PHASE I ESA FOR THE MARION COUNTY INDUSTRIAL PARK

ADDRESS: P.O. Box 840

MARION, SOUTH CAROLINA 29571

CLIENT: MARION COUNTY

Question	Owner			Occupants (If Applicable)			Observed During Site Visit		
	Yes	No	Unk	Yes	No	Unk	Yes	No	Unk
	19. To the best of your knowledge, have any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries or any other waste materials been dumped above grade, buried and/or burned on the property?			X					X
20. Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs?		X						X	

Unk = "Unknown" or "No Response"

II. Government Records and Historical Sources Inquiry

21. Do any of the following Federal government record systems list the property or any property within the circumference of the area noted below:

- | | <u>Yes</u> | <u>No</u> | <u>Unk</u> |
|--|--------------------------|-------------------------------------|--------------------------|
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| • CERCLIS List – within 0.5 mile (0.8 Km)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| • RCRA TSD Facilities – within 1.0 miles (1.6 Km)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

22. Do any of the following state record systems list the property or any property within the circumference of the area noted below:

- List maintained by state environmental agency of hazardous waste sites identified for investigation or remediation that is the state agency equivalent to NPL – within approximately 1.0 miles (1.6 Km)? Yes No Unk
- List maintained by state environmental agency of site identified for investigation or remediation that is the state equivalent to CERCLIS – within 0.5 mile (0.8 Km)?
Yes No Unk

23. Based upon a review of fire insurance maps or consultation with the local fire department serving the property, all as specified in the guide, are any buildings or other improvements on the property or on an adjoining property identified as having been used for an industrial use or uses likely to lead contamination of the property? Yes No Unk

PHASE I ESA - QUESTIONNAIRE

PROJECT NAME: PHASE I ESA FOR THE MARION COUNTY INDUSTRIAL PARK

ADDRESS: P.O. BOX 840

MARION, SOUTH CAROLINA 29571

CLIENT: MARION COUNTY

III. Execution and Verification of Questionnaire

The preparer of the transaction screen questionnaire must complete and sign the following statement.
This questionnaire was completed by:

Name: Robert "Bob" M. Freeman, E.I.T.
Title: Engineering Associate
Firm: Alliance Consulting Engineers, Inc.
Address: P.O. Box 8147
Columbia, SC 29202-8147
Phone Number: 803-779-2078
Date: August 6, 2009

If the preparer is different than the user, complete the following:

Name of interviewees: T. C. Atkinson, III and Mr. John W. Atkinson
Interviewee's address: P.O. Box 583
Marion, SC 29571
Preparer's relationship to site: Owner
Preparer's relationship to user: Property under consideration for purchase

Copies of the completed questionnaire have been filed at: Alliance Consulting Engineers, Inc., P.O. Box 8147, Columbia, SC 29202-8147

Copies of the completed questionnaire have been mailed or delivered to: T. C. Atkinson, III and Mr. John W. Atkinson, P.O. Box 583, Marion, SC 29571

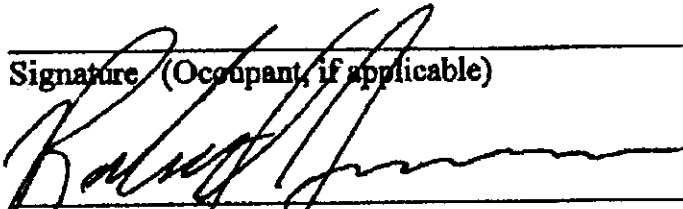
Preparer represents that to the best of knowledge the above statements and facts are true and correct and to the best of the preparer's knowledge and that no material facts have been suppressed or misstated.


Signature (Owner)

8-17-09
Date

Signature (Occupant, if applicable)

Date


Signature (Engineer)

8/6/09
Date

APPENDIX D

PROJECT ENGINEER'S RESUME

James W. Frost, II, P.E.
Senior Project Manager

Registrations

Registered Professional Engineer
South Carolina Registration No. 21613

Professional Affiliations

American Society of Civil Engineers (ASCE)
National Society of Professional Engineers (NSPE)

Education

Bachelor of Science in Civil Engineering, 1997
University of South Carolina
Columbia, South Carolina

Awards and Honors

Chi Epsilon National Civil Engineering Honor Society, Member

Experience and Related Projects

July 2004 - Present
Alliance Consulting Engineers, Inc.
Columbia, South Carolina

Serves as Project Manager with responsibilities that include planning and design of site engineering for industrial parks, subdivisions, and commercial developments, which includes water, wastewater, grading, storm drainage, roadway, retention, and sediment pond design from inception through construction. Other responsibilities include producing engineering reports, preparing cost estimates and applying for and obtaining the appropriate variances, permits, easements, etc. for construction and operation of all aspects of site development.

Site Development

Hess Gas Station, Lexington, SC – Project Engineer for Hess Gas Station in Lexington, South Carolina. Work involved site civil design for the less than 2 - acre site, which included, building, parking lot and site feature layout, grading and drainage design, utility design, and permitting per SCDHEC and SCDOT requirements.

Horry County Judicial and Government Complex, Conway, SC – Assistant Project Engineer for the Horry County Judicial and Government Complex in Conway, SC. Provided assistance for building and parking lot layout in an effort to maximize parking and assisted in the storm water and sediment and erosion control design in an effort to comply with local and federal regulations as they pertain to the Clean Water Act. Work included detention pond design and NPDES permitting.

Prototype Urban Elementary Schools, Richland County School District #1, Columbia, South Carolina – Burton-Pack (80,500 S.F. – 700 Students), Carver-Lyon (76,000 S.F. – 500 Students) and Watkins-Nance (80,500 S.F. – 700 Students). Work included site development, which encompassed site layout, grading, drainage, sediment and erosion control and site utilities.

19th Air Support Operations Squadron, Fort Campbell, Kentucky – Project Engineer for 19th Air Support Operations Squadron in Fort Campbell, Kentucky. Work involved the site civil design for the 8-acre site, which included building and parking lot layout in accordance with force protection requirements, grading and drainage design including sediment and erosion control, detention pond design, design of fire and domestic water, sanitary sewer and gas utilities. The project also included heavy and light duty pavement design and obtaining all required permits for land disturbance and utility construction. Similar projects of the same magnitude included:

18th Air Support Operations Group, Pope Airforce Base, North Carolina – 3 ½-acre site

17th Air Support Operations Squadron, Fort Benning, Georgia – 6-acre site which included a sanitary sewer lift station design

15th Air Support Operations Squadron in Fort Stewart, Georgia – 7-acre site which included roadway design

Squadron Operations Facility in Moody Airforce Base, Georgia – 3-acre site

Central Energy Facility, Fort Jackson, South Carolina – Assistant Project Engineer for Fort Jackson Central Energy Facility in Fort Jackson, South Carolina. Project included the design of approximately 10 miles of hot/chilled water lines to feed miscellaneous buildings spread throughout the base. The hot/chilled water lines were designed to run in a concrete channel below grade with removable concrete panels on top. As a way of enhancing the appearance of the base the channels were laid out in a manner to be used as sidewalks for on post pedestrian traffic.

Depot Plant Services Facility, Warner Robins Airforce Base, Georgia – Project Engineer for Depot Plant Services Facility in Warner Robins Airforce Base, Georgia. Work involved the site civil design for the eight-acre site which included building and parking lot layout in accordance with force protection requirements, grading and drainage design including sediment and erosion control, design of fire and domestic water, sanitary sewer, industrial waste and gas utilities. Industrial waste design included a duplex lift station and approximately one-mile of force main. The project also included heavy and light duty pavement design and obtaining all required permits for land disturbance and utility construction.

Force Protection Plan, Fort Bragg, North Carolina – Project Manager of Fort Bragg Force Protection Plan for Fort Bragg, North Carolina. Work involved the planning, design and implementation of a force protection plan during a DELTA scenario for Fort Bragg. Work included design of seven guard shack to be placed at high traffic entrances onto the post. Daily traffic studies were completed to identify areas of high traffic. A plan was designed including, barriers, bollards, landscaping, etc. in an effort to check vehicles prior to entering the post and prevent vehicles from entering undesired locations during a time in which America is under attack or at war. Tasks included strategic layout of guard shacks, roadway widening and design, stormwater and erosion control, utility design and relocation and traffic planning.

Ammo Holding Facility, Fort Benning, Georgia – Project Manager of Fort Benning Ammo Holding Facility in Fort Benning, Georgia. Work involved the management and civil site design of a 5,000 square foot structure to house ammunition. Site design included building and parking lot layout in accordance with force protection requirements, grading and drainage design including sediment and erosion control, detention pond design, design of fire and domestic water, sanitary sewer and electrical utilities. The project also included the design of heavy-duty concrete to support fully loaded army tanks and obtaining all required permits for land disturbance and utility construction.

Renovation of the South Carolina State House, Columbia, South Carolina – Assistant Engineer for Renovation of the South Carolina State House. Work involved site civil design, which included design of new utility systems and analyzing the condition and capability of reusing existing utility systems, site layout and landscaping.

Mathew J. Perry Courthouse and Parking Garage, Columbia, South Carolina – Assistant Engineer for Matthew J. Perry Courthouse and Parking Garage in Columbia, South Carolina. Work involved site civil design, which included layout, grading and drainage in accordance with city, state and federal regulations, utility design and contract administration.

River Banks Zoo Expansion, Columbia, South Carolina – Assistant Engineer for River Banks Zoo Expansion in Columbia, South Carolina. The expansion included the design of a new bird aviary, an African exhibit and a gorilla exhibit. The design included layout, grading, drainage and utilities, which were to be constructed and installed during full operation of the zoo. Tasks included phasing of project development as to not interrupt the everyday operations of the zoo and endanger any of the zoo's habitats.

University of South Carolina 'Colonial Center' Arena, Columbia, South Carolina – Project Engineer for the University of South Carolina Arena in Columbia, South Carolina. Work involved an early site development package and a final site development package for the 60 million-dollar arena. Early site development included site investigation and review of the geotechnical report as it pertained to site development, grading design to prepare for on grade seating (approximately half of the lower bowl seating), drainage and sediment erosion control to comply with SCDHEC NPDES permitting and the Clean Water Act, a ground water collection system, upgrading and relocating existing utilities, as well as, utility design for the new arena. The project scope also included Contract Administration and inspection during all site construction activities, which included, Dynamic Deep Compaction, unsuitable soil removal, embankment fill, storm drainage construction, utility construction and paving.

Solid Waste Management

Continuous Cell Industrial Solid Waste Landfill – Project Engineer and onsite Quality Assurance Officer for an industrial solid waste landfill for construction of continuous cell in Rosemount, Minnesota. Work involved quality assurance and inspection of embankment fill, installation of a three – feet thick clay liner to achieve a design permeability, installation of HDPE liners, installation of leachate removal system and compilation of certifying report.

RCRA Subtitle C Landfill Closure – Quality Assurance/Quality Control testing for RCRA Subtitle C landfill closure in Pinewood, South Carolina. Work involved construction materials testing and inspection of cap fill material, clay liner and HDPE liners.

Landfill Groundwater Assessments

Marlboro County Landfill Groundwater Assessment

Geotechnical Design/Construction Materials Testing

Head Start Center, Saluda, South Carolina – Project Engineer for Head Start Center. Performed the subsurface investigation for the 14,000 square foot facility. Provided recommendations for site preparation, fill material and placement, seismic site class in accordance with the International Building Code (IBC), shallow foundations, slab on grade and pavement sections for both light and heavy-duty traffic.

Newberry County Detention Center Addition, Newberry, South Carolina – Project Manager for Newberry County Detention Center Addition. Work included the subsurface investigation for the one storey, 7,000 square foot Detention Center Addition located in Newberry, South Carolina. Provided recommendations for site preparation, fill placement and compaction, shallow foundations, grade slab construction, seismic site class in accordance with IBC and pavement subgrade construction.

USC Norman J. Arnold School of Public Health, Columbia, South Carolina – Project Manager for USC Norman J. Arnold School of Public Health. Work involved the subsurface investigation for a multiple story, multiple building School of Public Health for the University of South Carolina in Columbia, South Carolina. Work included the coordination of approximately 1,400 feet of standard soil test boring, approximately 80 feet of CPT/SCPT and 25 feet of dilatometer readings. Provided recommendations for site preparation, recycling of construction/demolition debris, fill placement and compaction, pipe bedding and backfill, shallow foundations with settlement analysis, grade slab support and construction, lateral earth pressures for retaining walls, and seismic site class in accordance with IBC.

Lexington Country Club, Lexington, South Carolina – Project Manager for the Lexington Country Club – Clubhouse. Performed subsurface investigation for the 15,000 square foot clubhouse located in Lexington, South Carolina. Work included approximately 100 feet of standard soil test boring. Recommendations were provided for site preparation, fill placement and compaction, shallow foundations, lateral earth pressures for retaining walls, slab on grade support and construction, seismic site class in accordance with IBC and pavement subgrade.

First National Bank, Columbia, South Carolina – Project Manager for First National Bank. Managed the construction/materials testing for the First National Bank on Clemson Road in Columbia, South Carolina.

Fairfield 14-Acre Tract, Fairfield County, South Carolina – Project Manager for Fairfield 14 – Acre Tract. Performed preliminary subsurface investigation for the 14–acre industrial park located in Fairfield County, South Carolina. Work included 50 feet of standard soil test boring. Provided preliminary conclusions regarding site development, which included soil stabilization, suitability of on-site soils for use as structural fill, shallow foundation construction feasibility, seismic site class in accordance with IBC and grade slabs and pavement support.

Dave Lyle Boulevard Extension, Rock Hill, South Carolina – Project Manager for SC Route 122, Dave Lyle Boulevard Extension located in York and Lancaster Counties near Rock Hill, South Carolina. Performed preliminary subsurface investigation for approximately 9 miles of new roadway alignment including cut/fill areas up to 60 feet in depth/height and 12 bridges. Work included approximately 3400 feet of soil test borings, 1900 feet of auger borings and 400 feet of rock coring. Supervised up to four rigs on site and compiled all data into the preliminary report. Preliminary analysis and conclusions included, foundation alternatives including deep and shallow foundations (steel H-piles, drilled shafts and spread footings on rock), earthquake design issues, soil characteristics, cut and fill slope stability assessment, retaining wall design parameters, and pavement design analysis.

Interstate 95 and Interstate 26 Service Road, Orangeburg/Dorchester County, South Carolina – Project Manager for I-95/I-26 Service Road located in Orangeburg and Dorchester Counties in South Carolina. The proposed construction is a frontage road with just over 7 miles of new alignment. The project includes a trestle type bridge over Cow Castle Creek and a possible replacement bridge for Duncan Chapel Road over I-95. The subsurface investigation included approximately 450 feet of hand auger borings and 450 feet of soil test borings. 18"x18" prestressed, precast, concrete piles were analyzed for the bridge foundations. Other recommendations and analysis included, seismic site class definition and other related seismic issues including soil liquefaction and surface rupture, preparation of subgrade and embankments, mucking limits, geogrid stabilization, and pavement recommendations for asphalt and concrete pavements.

US 378 Bridges, Lake City, South Carolina – Project Manager for US 378 Bridges located along US 378 in Lake City, South Carolina. The proposed construction included the replacement of two existing box culverts by two flat slab bridges. The subsurface investigation included four soil test borings at each bridge location. A total of 513.5 feet of soil test borings were conducted. 18"x18" prestressed, precast, concrete piles were analyzed for the bridge foundations. Other recommendations and analysis included, seismic site class definition and other related seismic issues including soil liquefaction, surface rupture and lateral spreading, preparation of subgrade and embankments including fill placement recommendations, and mucking limits.

SC 38 and US 501 – Section 8, Marion/Dillon County, South Carolina – Project Manager for SC 38/US 501 – Section 8 located in Marion and Dillon Counties. Project was completed for Construction and Resource Management – East Region and included the subsurface investigation geotechnical engineering analysis of approximately 5.3 miles of roadway widening and new roadway alignment including a four lane bridge with two spans supported by H-piles and drilled shafts. Analysis included performance of old asphalt roads and design of overlays and full pavement sections based on traffic data provided. Deep foundations were designed for the overpass for both the static and seismic conditions. MSE wall parameters were analyzed, as well as, slope stability at the approach embankments. Recommendations included pile driving, drilled shaft construction, MSE wall construction, pavement section construction, fill placement and mucking limits.

US 76 Bridge Replacement over the Lumber River and Swamp, Marion/Horry County, South Carolina – Project Manager for the US 76 Bridge Replacement over the Lumber River and Swamp located in Marion and Horry Counties. Project was completed for Kimley-Horn and Associates and included the subsurface investigation and geotechnical design of approximately 2 miles of roadway remediation, which included the replacement of two flat slab bridges. The proposed bridge over the Lumber River is approximately 825 feet in length with 75-foot spans and the proposed bridge over the swamp is approximately 280 feet with 70-foot spans. Bridge design followed the "SCDOT – Seismic Design Specifications for Highway Bridges, October 2001 with October 2002 Interim Revisions" and the "ASSHTO LRFD Bridge Design Specifications, Second Edition, 1998". Analysis included design of pavement sections based on traffic data provided. Deep foundations were designed for the both bridges, which included steel H-piles at the abutments and drilled shafts at the interior bents. Slope stability was analyzed for the approach embankments. Recommendations included pile driving, shaft construction, abutment wall construction, pavement section construction, fill placement and mucking limits.

American Eagle Wheel Expansion Facility, York County, South Carolina – Project Manager for the American Eagle Wheel Expansion Facility located in York, South Carolina. Responsibilities included performing the subsurface investigation and geotechnical design for the 100,000 S.F. expansion and managing the Construction Materials Testing services throughout the construction sequence. Geotechnical recommendations were provided for shallow foundations, grade slabs, retaining walls and pavement section requirements. During the construction phase of the project a team of two to three field technicians conducted on-site materials testing services that included earthwork compaction testing, concrete sampling and strength testing, structural steel inspection, pavement subgrade and base course inspection and testing and asphalt sampling. As Project Manager I managed all field activities and reviewed all inspection and testing results to assure required construction specifications for the project were met.

Environmental Site Assessments

Senior Reviewer for Phase I Environmental Site Assessments in conjunction with the American Society for Testing and Materials (ASTM) Specifications for Commercial Real Estate on twenty plus Phase I ESA's with previous engineering firm.

Anderson County – 7-acre Williams Property at Anderson Airport Business Industrial Park for Anderson County

Anderson County – 8-acre Williams Property at Anderson Airport Business Industrial Park for Anderson County

Anderson County – Betsy Tucker Industrial Site for Anderson County

Anderson County – Rogers Industrial Site for Anderson County Economic Development

Chester County – The L&C Tract “L” Industrial Site for the L&C Development Corporation

Lexington County – The Saxe Gotha Industrial Park for Lexington County

Lexington County – The Batesburg-Leesville Industrial Park for Lexington County

Orangeburg County – International Industrial Park for Orangeburg County Development Commission

Orangeburg County – Bozard Tract at Orangeburg County/City Industrial Park for Orangeburg County Development Commission

Orangeburg County – Five (5) properties to be included in the proposed Western Orangeburg County Industrial Park for the Orangeburg County Development Commission

Sumter County – Pocatigo Industrial Park for the Sumter Development Board

Union County – Trakas Industrial Park for the Union County Development Board

Employment History

February 2004 – July 2004
Stevens & Wilkinson of South Carolina, Inc.
Columbia, South Carolina

Civil Engineer responsible for all aspects of site development for Commercial, Industrial and Government contracts to include all phases of development including project management, planning, report preparation, design, bidding and award, permitting, and construction administration.

August 2001 – February 2004
S&ME, Inc.
Columbia, South Carolina

Project Manager responsible for all aspects of Geotechnical Design for Commercial and Industrial contracts to include business development, geotechnical recommendations, report preparation and construction materials testing.

July 1998 – August 2001
Stevens & Wilkinson of South Carolina, Inc.
Columbia, South Carolina

Civil Designer for Commercial, Industrial and Government contracts with duties including preparation of construction plans and specifications, report preparation, engineering calculations and permitting.

July 1997 – July 1998
ViroGroup, Inc.
Columbia, South Carolina

Civil Designer for Solid Waste, Commercial and Industrial contracts with responsibilities including QA/QC of landfill construction, report preparation, development of construction plans and specifications, engineering calculations and permitting.

APPENDIX E
PHASE I ESA COMPLETED BY
S&ME, INC. DATED OCTOBER 2005

**PHASE I ENVIRONMENTAL
SITE ASSESSMENT
MARION COUNTY INDUSTRIAL PARK
MARION COUNTY, SOUTH CAROLINA
S&ME PROJECT NO. 1614-05-294**

Prepared For:

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

Prepared By:



231 Labonte Street
Conway, South Carolina 29526

October 24, 2005



October 24, 2005

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

Attention: Mr. Joel Causey

Reference: **Phase I Environmental Site Assessment**
Marion County Industrial Park
Marion County, South Carolina
S&ME Project No. 1614-05-294

Dear Mr. Causey:

This report presents the findings of a Phase I Environmental Site Assessment (ESA) for the referenced property. The purpose of the Phase I ESA was to identify recognized environmental conditions in connection with the subject site. The attached report represents the findings of S&ME's assessment of the referenced site as authorized by acceptance of S&ME Proposal No. 1614-4107-05, dated June 27, 2005.

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

Sincerely,

S&ME, Inc.

Charles C. Oates, Jr.
Project Manager

Sonny Chestnut, P.E. *TCS*
Senior Engineer

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- E** **INTERVIEW DOCUMENTATION**
- F** **CONTRACT BETWEEN USER AND S&ME, INC**
- G** **CLIENT PROVIDED INFORMATION**

1.0 SUMMARY

This Summary is presented for the convenience of the reader. The complete report must be reviewed in its entirety prior to making decisions regarding this site.

S&ME, Inc. has completed a Phase I Environmental Site Assessment (ESA) for a parcel of land located adjacent to US Highway 501, approximately one-half mile north of the intersection of US Highway 501 and US Highway 76 (Marion County), South Carolina. The purpose of this Phase I ESA is to identify, to the extent feasible pursuant to ASTM E 1527-00, *Recognized Environmental Conditions* (REC) in connection with the property. The ASTM Standard Practice E 1527-00 defines "good commercial and customary practice for conducting an environmental site assessment of a parcel of commercial real estate with respect to the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and to petroleum products". This practice is intended to permit a user to satisfy one of the requirements to qualify for the "innocent landowner defense" to CERCLA liability.

A site visit was conducted by an environmental professional to evaluate the subject property for drainage patterns, vegetation patterns, stains, discoloration, surrounding land use, and other visual aspects suggestive of the presence of recognized environmental conditions (REC). The property appears to drain to the east. The site is currently mostly undeveloped forestland with a small area developed as agricultural fields towards the center of the property. A large pond is located on the southwest corner of the subject property. US Highway 501 bisects the subject property.

We observed no evidence of aboveground storage tanks (AST) or underground storage tanks (UST) on the subject property during the site reconnaissance.

The search of federal and state environmental databases by Environmental Data Resources, Inc. (EDR) identified one offsite and one onsite finding.

The EDR report mapped the Marion Grill as the one onsite finding and being located on the subject property. This facility was incorrectly mapped on the EDR report and was correctly identified during the site visit as being in downtown Marion, approximately two miles southwest of the subject property. This finding is not considered an REC in conjunction with the subject property.

Pee Dee Electric Cooperative is located on the southern adjacent property and is listed as having two UST's that are currently in use and registered under SCDHEC tank I.D. Number 17468. A file review was conducted by S&ME on this facility. The files did not indicate a past release from this facility. There appears to be little or no topographic relief at this facility. Although no releases have been reported from this facility, it is likely that a past or future release would impact the subject property due to the close proximity of the tanks to the site. This finding is considered an REC in conjunction with the subject property.

Alliance Consulting Engineers provided S&ME with a copy of a Phase I ESA report dated December 12, 1989, by Law Engineering, for a portion of the subject property. S&ME reviewed this report and did not find any additional information that would be an environmental concern to the subject property. This report can be found in Appendix G.

In summary, this assessment has revealed evidence of one REC in connection with the subject property.

2.0 INTRODUCTION

2.1 PURPOSE

The purpose of this Phase I ESA was to identify, to the extent feasible following the processes described herein, *Recognized Environmental Conditions* (RECs) in connection with the subject property. This Phase I ESA was completed in accordance with our understanding of the

guidelines set forth in ASTM E1527-00 *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*.

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

2.2 SCOPE OF SERVICES

This Phase I ESA consists of four components; records review, site reconnaissance, interviews and report preparation.

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

1. Examination of public records made available to S&ME by regulatory personnel regarding past, present, and pending enforcement actions and investigations at the site and within the immediate vicinity.
2. Examination of one or more of the following resources: aerial photographs, fire insurance maps, street directories and topographic maps of the site and vicinity for evidence suggesting past uses that might have involved hazardous substances or petroleum products.

Task 2 - A site reconnaissance was performed to identify visual signs of past or existing contamination on or adjacent to the site, and to evaluate any evidence found in the review of public records that might be indicative of activities resulting in hazardous substances or petroleum products being used or deposited on the site. The site reconnaissance included the following activities:

1. A visual reconnaissance of the site was performed to observe signs of spills, stressed vegetation, buried waste, underground or above ground storage tanks, subsidence, transformers, or unusual soil discoloration which may indicate the possible presence

of contaminants on the properties. Adjacent properties were observed from the subject property.

2. The periphery of the property was viewed and a walk-through of accessible areas of the site interior was conducted.
3. Areas of the site were photographed to document the current use(s) of the property as well as significant conditions such as unusually discolored soil, stressed vegetation, or other significant features associated with the property (if applicable).

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

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

2.3 SIGNIFICANT ASSUMPTIONS

The slope of the water table under static conditions (no pumping interference) often approximates the land surface topography in the geologic province in which the subject property is located. Thus, the movement of groundwater is assumed to be in approximately the same direction as the drop of the topographic slope.

Information acquired from public record and interviews is accurate and reliable.

Existing creeks and perennial surface waterways are either losing to or gaining from the groundwater regime. Thus, existing creeks and perennial surface waterways delineate the locations of hydrogeologic barriers for flow within the subsurface groundwater regime.

2.4 LIMITATIONS AND EXCEPTIONS

The findings of this report are applicable and representative of conditions encountered at the subject property on the date of this evaluation, and may not represent conditions at a later date. The review of public records was limited to that information that was available to S&ME at the time this report was prepared. Interviews with knowledgeable people and local and state

government authorities were limited to those people whom S&ME was able to contact during the preparation of this report. S&ME presumes information obtained from the public records and from interviews is reliable. However, S&ME cannot warrant or guarantee that information provided is complete or accurate. Materials and information used for this project were obtained by S&ME from "reasonably ascertainable" and "practically reviewable" sources consistent with the requirements of ASTM E1527-00.

Historical data in the form of aerial photographs and topographic maps was only reasonably ascertainable for 1959, 1968, 1978, 1981, 1989, 1994 and 1999. Because of the limited data, the operational history of the subject property was not documented at intervals of approximately five years.

A member of the Marion County Fire Department was unavailable for interview within the time restraints of this report.

2.5 SPECIAL TERMS, CONDITIONS, AND RELIANCE

The resulting report is provided for the use of the client (Alliance Consulting Engineers, Inc.) and its designees for the current real estate transaction for which it was prepared. Use and reliance on the report by any parties will be subject to the same rights, obligations, and limitations contained in our Agreement for Services Form (AS-041). However, the total liability of S&ME to all addressees of the ESA, shall be limited to the remedies and amounts as provided in the Agreement for Services Form (AS-041) as a single contract.

3.0 SITE DESCRIPTION

3.1 SITE LOCATION AND DESCRIPTION

The subject property is located adjacent to US Highway 501, approximately one-half mile north of the intersection of US Highway 501 and US Highway 76 (Marion County), South Carolina. The site is currently mostly undeveloped forestland with a small area developed as agricultural fields towards the center of the property. A large pond is located on the southwest corner of the subject property. Refer to Figures 1, 2 and 3 in Appendix A for the property location.

3.2 SITE AND VICINITY GENERAL CHARACTERISTICS

The subject property is located in an area of Marion County that is generally undeveloped forestland and developed agricultural fields. The topography at the subject property gradually slopes downward to the east.

3.3 CURRENT USE OF THE PROPERTY

The site is currently undeveloped forestland with a small area developed as agricultural fields towards the center of the property.

3.4 DESCRIPTIONS OF STRUCTURES, ROADS, OTHER IMPROVEMENTS ON THE SITE

S&ME personnel performed a site reconnaissance on October 3, 2005. Photographs of various portions of the subject property were taken to document existing site conditions, and copies are included in Appendix B. There are currently no structures on the subject property. The subject property can be accessed from US Highway 501, which bisects the subject property.

3.5 CURRENT USES OF THE ADJOINING PROPERTIES

North: Undeveloped forestland is located north of the subject property.

South: Agricultural fields, Pee Dee Electric and Precision Southeast, Inc. are located south of the subject property.

East: Undeveloped forestland is located east of the subject property.

West: Agricultural fields and undeveloped forestland is located west of the subject property.

4.0 USER PROVIDED INFORMATION

This section is provided to summarize information provided by the user that may help in identification of REC. As indicated in the standard, the environmental professional does not typically generate this information.

4.1 TITLE RECORDS

The user did not provide ownership records for this assessment.

4.2 ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS

The user did not indicate any knowledge of any environmental liens on the property.

4.3 SPECIALIZED KNOWLEDGE

The user did not provide specialized knowledge that is material to REC identification in connection with the subject property.

4.4 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

The user did not indicate the property has had its value reduced for environmental issues.

4.5 OWNER, PROPERTY MANAGER AND OCCUPANT INFORMATION

Marion County is the current property owner. The property is currently unoccupied.

4.6 REASON FOR PERFORMING PHASE I ESA

The user has not indicated a reason for performing this Phase I ESA. S&ME therefore assumes that the assessment is being performed in connection with a property transaction to satisfy one requirement of the innocent landowner defense to CERCLA liability.

4.7 OTHER

Alliance Consulting Engineers provided S&ME with a copy of a Phase I ESA report dated December 12, 1989, by Law Engineering for a portion of the subject property.

5.0 RECORDS REVIEW

5.1 STANDARD ENVIRONMENTAL RECORD SOURCES

S&ME contracted Environmental Data Resources (EDR) to prepare a FieldCheck Report compiling federal and state environmental database information from the regulatory records of the United States Environmental Protection Agency (USEPA) and the South Carolina Department of Health and Environmental Control (SCDHEC). The purpose of the EDR Report was to identify environmental sites and activities within a designated radius of potential concern from the subject property, as outlined by ASTM E 1527-00.

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

TABLE 1 - DATABASES

DATABASE	AGENCY	RELEASE DATE	SEARCH RADIUS
NPL	US EPA	8/3/05	1.0-mile
SPL/SHWS	SCDHEC	7/11/05	1.0-mile
CORRACTS	US EPA	5/16/05	1.0-mile
CERCLIS	US EPA	9/20/05	0.5-mile
CERCLIS-NFRAP	US EPA	9/20/05	0.25-mile
RCRA-TSD	US EPA	8/23/05	0.5-mile
LUST	SCDHEC	8/22/05	0.5-mile
SWLF	SCDHEC	7/11/05	0.5-mile
UST	SCDHEC	8/22/05	0.25-mile
AST	SCDHEC	9/26/05	Target Property
RCRA-Generators	US EPA	4/25/05	0.25-mile
ERNS	US EPA	7/25/05	Target Property
SPILLS	SCDHEC	9/26/05	Target Property
SCGWCI	SCDHEC	7/27/05	0.5-mile
DRY CLEANERS	SCDHEC	8/29/05	0.25-mile

The EDR report, dated October 4, 2005, listed one onsite and one offsite finding:

The EDR report mapped the Marion Grill as the one onsite finding and being located on the subject property. This facility was incorrectly mapped on the EDR report and was correctly

identified during the site visit as being in downtown Marion, approximately two miles southwest of the subject property.

Pee Dee Electric Cooperative is located on the southern adjacent property and is listed as having two UST's that are currently in use and registered under SCDHEC tank I.D. Number 17468. A file review was conducted by Chris Daves with S&ME on this facility. The files did not indicate a past release from this facility. There appears to be little or no topographic relief at this facility.

5.2 ADDITIONAL ENVIRONMENTAL RECORD SOURCES

A search of the Environmental Protection Agency (EPA) Envirofacts database (<http://maps.epa.gov/enviromapper>) was conducted. Review of the Envirofacts database did not result in the identification of any additional facilities of potential concern in the immediate vicinity of the subject property.

5.3 PHYSICAL SETTING SOURCES

The property is on the United States Geological Survey (USGS), 7.5-minute series Topographic Map, Mullins, South Carolina Quadrangle revision date 1981, and has a scale of one-inch equals 2,000 feet. A Site Topographic Map, prepared using a portion of the USGS map, is included as Figure 2 in Appendix A.

The previously noted USGS map depicts the subject property as wooded undeveloped land on the northern portion of the property and cleared land on the southern portion of the property.

The Soil Survey of Marion County, South Carolina was consulted to examine the soil type underlying the subject property. According to the map, Coxville sand (Cx) underlies the property. Coxville soils are poorly drained and permeability for this soil type is slow.

5.4 HISTORICAL USE INFORMATION ON THE PROPERTY

The historical use of the subject property and adjoining properties was obtained by reviewing topographic maps, aerial photographs and by conducting interviews. Refer to Appendix C for more detailed information on the historical records review.

Historical data in the form of aerial photographs were available for the following dates: 1959, 1968, 1978, 1981, 1989, 1994 and 1999. The previously noted aerial photographs depict the subject property as wooded, undeveloped land on the northern portion of the property and cleared land on the southern portion of the property. A pond is visible on the southwest corner of the subject property in the 1989 through 1999 aerial photographs.

The 1981 topographic map depicts the subject property as wooded undeveloped land on the northern portion of the property and mostly cleared land on the southern portion of the property.

5.5 HISTORICAL USE INFORMATION ON ADJOINING PROPERTIES

The land to the north and east appears to be undeveloped and wooded in the previously noted aerial photographs. The land to the west appears to be cleared in the previously noted aerial photographs. The land to the south appears to be partially wooded and cleared in the 1959 through 1978 aerial photographs, developed with two structures in the 1989 aerial photograph and developed with three structures in the 1994 and 1999 aerial photograph.

The 1981 topographic map depicts the land to the north and east as wooded, the land to the west as cleared, and the land to the south as cleared with three structures.

6.0 SITE RECONNAISSANCE

The site reconnaissance was conducted to observe the current uses of the property, adjoining property, and properties in the surrounding area, as well as the geologic, hydrogeologic, hydraulic, and topographic conditions of the property and the surrounding area. Photographs were taken of various portions of the subject property to document existing conditions. Copies of these photographs are included in Appendix B of this report.

6.1 METHODOLOGY AND LIMITING CONDITIONS

The subject property was observed by walking the perimeter of the property, as well as the interior portions of the property. There were no limiting conditions during the site visit.

6.2 GENERAL SITE SETTING

6.2.1 Current Use(s) of the Property

Currently the northern portion of the subject property is undeveloped, while the southern portion is in use as agricultural land.

6.2.2 Past Use(s) of the Property

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

6.2.3 Current Uses of Adjoining Properties

North: Undeveloped forestland is located north of the subject property.

South: Agricultural fields, Pee Dee Electric and Precision Southeast, Inc. are located south of the subject property.

East: Undeveloped forestland is located east of the subject property.

West: Agricultural fields and undeveloped forestland is located west of the subject property.

6.2.4 Past Uses of Adjoining Properties

Site observations did not reveal other previous operations of adjoining properties that are different from their current uses.

6.2.5 Geologic, Hydrogeologic, Hydrologic, and Topographic Conditions

The subject property slopes gradually downward towards the east. The surrounding areas appear to be gradually sloping to the east.

A pond was observed on the southwest corner of the subject property.

6.2.6 General Description of Roads and Structures

US Highway 501 bisects the subject property. State Road 682 borders the property to the west.

6.2.7 Potable Water Supply and Sewage Disposal System

Community water and sewer are available to the surrounding areas.

6.3 EXTERIOR OBSERVATIONS

The site reconnaissance included a search for the following items:

- Hazardous Substances and Petroleum Products in Connection with Identified Uses – None observed on the subject property.
- Storage Tanks – None observed.
- Odors – None observed.
- Pools of Liquid – None observed.
- Drums – None observed.
- Hazardous Substances and Petroleum Products Containers (Not Necessarily in Connection with Identified Uses) – None observed.
- Unidentified Substance Containers - None observed.
- PCB-containing Equipment – None observed.
- Pits, Ponds, or Lagoons – One pond was observed on the southwest corner of the subject property.
- Stained Soil or Pavement – None observed.
- Stressed Vegetation – None observed.
- Solid Waste – None observed.
- Waste Water – None observed.
- Wells – None observed.
- Septic Systems – None observed.

6.4 INTERIOR OBSERVATIONS

The subject property currently contains no structures.

7.0 INTERVIEWS

Interviews were conducted to obtain information from individuals who have knowledge of current and past activities at the site, and to clarify observations made during the site reconnaissance or data review of the site.

7.1 INTERVIEW WITH OWNER

Marion County is the current property owner. Frank Jones, the Economic Developer for Marion County, was interviewed concerning his knowledge of environmental concerns associated with the subject property. Mr. Jones stated in a telephone interview dated October 6, 2005, that the county had purchased the land from Pee Dee Electric in January 2004. Mr. Jones stated that he was a Marion County native and the property has always been either farmed or wooded. Mr. Jones also stated that to his knowledge, he was not aware of any environmental concerns on the subject property.

7.2 INTERVIEW WITH KEY SITE MANAGER

See Section 7.1.

7.3 INTERVIEW WITH OCCUPANT

The subject property is currently unoccupied.

7.4 INTERVIEW WITH LOCAL GOVERNMENT OFFICIALS

S&ME attempted to contact a member of the Marion Fire Department on October 6, 7, 10, 11 and 12, 2005 to inquire of any spills or emergency responses involving hazardous materials or petroleum products on the subject property. S&ME was unable to contact a member of the department within the time restraints of this report.

7.5 INTERVIEWS WITH OTHERS

No others were interviewed in the preparation of this report.

8.0 FINDINGS

There was one onsite and one offsite finding identified as potential environmental concerns during the site reconnaissance.

The EDR report mapped the Marion Grill as the one onsite finding and being located on the subject property. This facility was incorrectly mapped on the EDR report and was correctly identified during the site visit as being in downtown Marion, approximately two miles southwest of the subject property.

Pee Dee Electric Cooperative is located on the southern adjacent property and is listed as having two UST's that are currently in use and registered under SCDHEC tank I.D. Number 17468. A file review was conducted by Chris Daves with S&ME on this facility. The files did not indicate a past release from this facility. There appears to be little or no topographic relief at this facility.

9.0 OPINIONS

This assessment has revealed evidence of one REC in connection with the subject property.

Based on the proximity of Pee Dee Electric Cooperative to the subject property, it is likely that a past or future release from this facility would impact the site. We consider this a REC in conjunction with the subject property.

10.0 CONCLUSIONS

S&ME has performed a Phase I Environmental Site Assessment in conformance with our understanding of the scope and limitations of ASTM Practice E 1527-00 for a parcel of land located adjacent to US Highway 501, approximately one-half mile north of the intersection of US Highway 501 and US Highway 76 (Marion County), South Carolina. Exceptions to this practice are described in Section 2.4 of this report.

This assessment has revealed evidence of one REC in connection with the subject property.

11.0 DEVIATIONS

No deviations to ASTM Practice E 1527-00 were made in completion of this Environmental Site Assessment except for the following:

- The operational history of the subject property was not documented at intervals of approximately five years because adequate historical sources were not reasonably ascertainable.

12.0 REFERENCES

1. United States Geological Survey (USGS), 7.5-minute Series, Topographic Map, Latta, South Carolina Quadrangle 1980.
2. *Soil Survey of Marion County, South Carolina*, United States Department of Agriculture, Soil Conservation Service, issued date November 1976.

13.0 ADDITIONAL SERVICES

S&ME performed a protected species assessment for this property. This report will be submitted under separate cover.

14.0 SIGNATURE(S) OF ENVIRONMENTAL PROFESSIONAL(S)

Signatures are on the cover letter inside the title page of this report.

15.0 QUALIFICATION(S) OF ENVIRONMENTAL PROFESSIONAL(S)

The environmental professionals for this project are Mr. Charles Oates and Mr. Sonny Chestnut. Mr. Oates is a Natural Resources Project with approximately 10 years work experience in environmental consulting. He has performed over 50 environmental assessments for real estate

transactions. Mr. Oates has attended ASTM training for Phase I Environmental Site Assessments.

Mr. Chestnut is a Senior Environmental Engineer with over 23 years of experience. Projects he has managed include asbestos surveys, groundwater contaminant and flow evaluation; and Phase I & Phase II assessments for real estate transactions. Mr. Chestnut is the Regional Manager and senior reviewer for S&ME and has also attended ASTM training for Phase I Environmental Site Assessments.

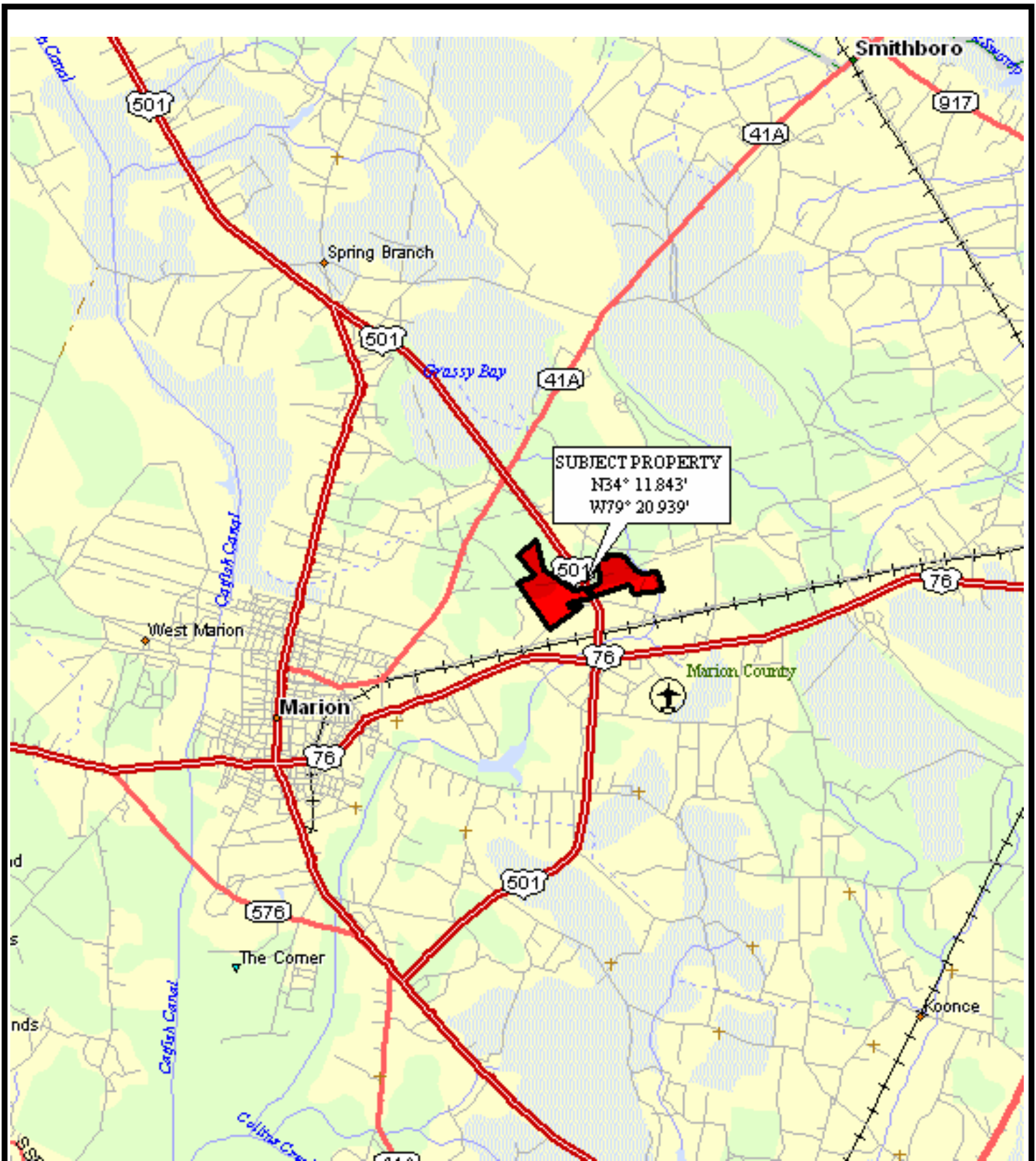
APPENDIX A

FIGURES

FIGURE 1 – SITE VICINITY MAP

FIGURE 2 – SITE TOPOGRAPHIC MAP

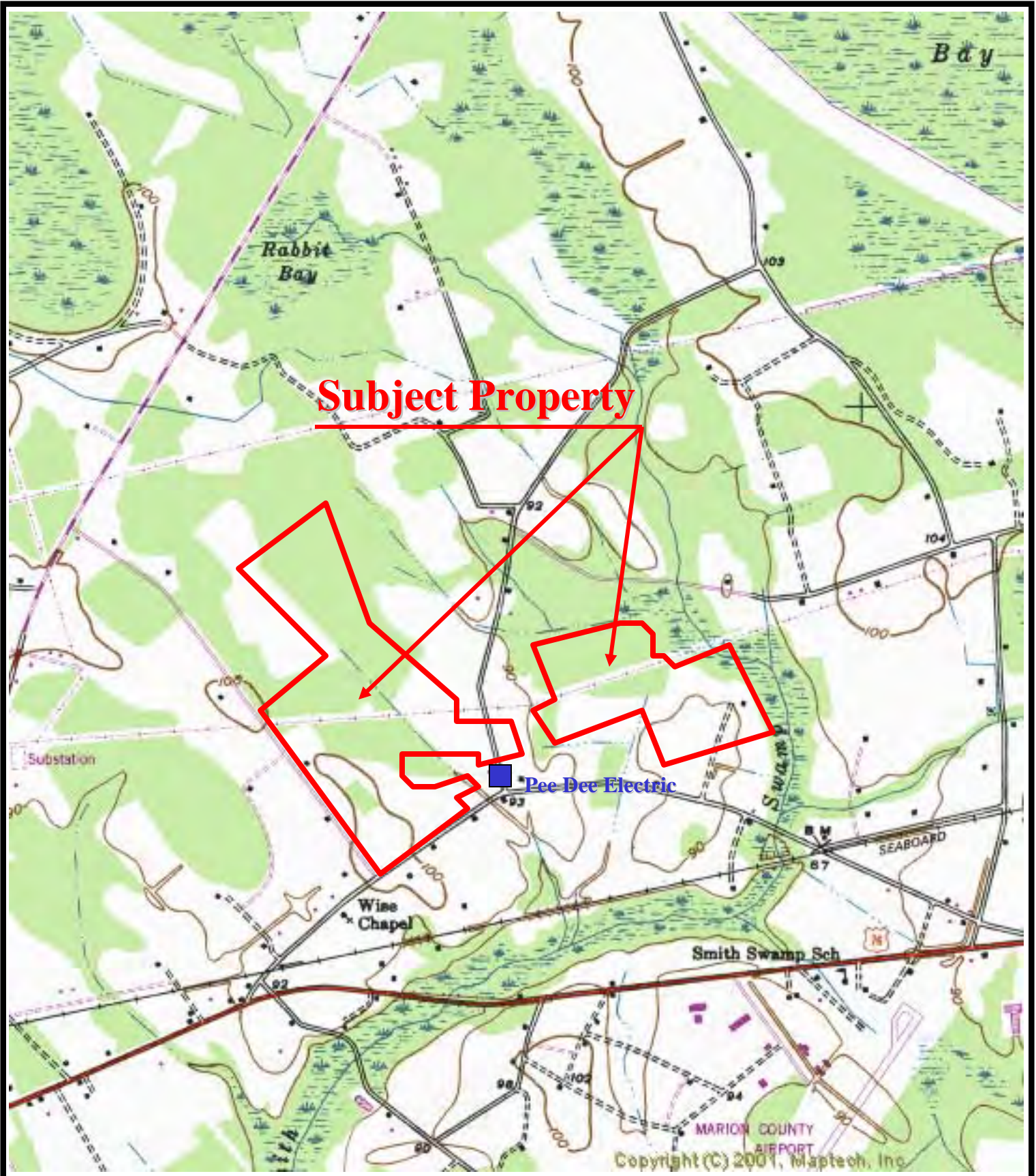
FIGURE 3 – SITE AERIAL PHOTOGRAPH



SCALE:	NTS
SOURCE:	DeLORME Street Atlas
SOURCE DATE:	1999
DATE:	October, 2005



<p>SITE VICINITY MAP Marion County Industrial Park Marion County, South Carolina</p>	<p>FIGURE NO 1</p>
<p>JOB NO. 1614-05-294</p>	



SCALE:	NTS
SOURCE:	USGS 7.5 Min Mullins Quadrangle
SOURCE DATE:	1981
DATE:	October, 2005



<p>SITE TOPOGRAPHIC MAP Marion County Industrial Park Marion County, South Carolina</p> <p>JOB NO. 1614-05-294</p>

<p>FIGURE NO</p> <p>2</p>



SCALE:	NTS
SOURCE:	NAPP AERIAL PHOTOGRAPH
SOURCE DATE:	1999
DATE:	October, 2005



SITE AERIAL PHOTOGRAPH Marion County Industrial Park Marion County, South Carolina
JOB NO. 1614-05-294

FIGURE NO
3

APPENDIX B

SITE PHOTOGRAPHS

Phase I Environmental Site Assessment

S&ME Project No. 1614-05-294

Marion County Industrial Park

October, 2005



Northern property boundary facing west



Northern adjacent property



Eastern property boundary facing north



Eastern property boundary facing north



Eastern adjacent property



Eastern adjacent property

Phase I Environmental Site Assessment

S&ME Project No. 1614-05-294

Marion County Industrial Park

October, 2005



Southern property boundary facing west



Southern property boundary facing east



Southern property boundary facing east



Southern property boundary facing east



Southern adjacent property



Southern adjacent property

Phase I Environmental Site Assessment

S&ME Project No. 1614-05-294

Marion County Industrial Park

October, 2005



Southern adjacent property



Western property boundary facing north



Western adjacent property



Pond on subject property



Power line crossing through middle of subject property



Subject property

Phase I Environmental Site Assessment

S&ME Project No. 1614-05-294

Marion County Industrial Park

October, 2005



Subject property



Highway 501 running through the center of the subject property



Pee Dee Electric Company

APPENDIX C

HISTORICAL RESEARCH DOCUMENTATION

LOCATION	DATE	Subject Property	Adjacent North	Adjacent South	Adjacent East	Adjacent West
SC Department of Natural Resources NAPP Aerial	1999	Property is mostly wooded with one pond.	Property is heavily wooded.	Property is developed with three structures.	Property is mostly wooded.	Property consists of agricultural fields.
SC Department of Natural Resources NAPP Aerial	1994	Property is mostly wooded with one pond.	Property is heavily wooded.	Property is developed with three structures.	Property is mostly wooded.	Property consists of agricultural fields.
Marion County NRCS Office	1989	Property is mostly wooded with one pond.	Property is heavily wooded.	Property is developed with two structures.	Property is mostly wooded.	Property consists of agricultural fields.
Marion County NRCS Office	1981	Property is partially wooded and cleared.	Property is heavily wooded.	Property is partially wooded and cleared.	Property is mostly wooded.	Property consists of agricultural fields.
Marion County NRCS Office	1978	Property is partially wooded and cleared.	Property is heavily wooded.	Property is partially wooded and cleared.	Property is mostly wooded.	Property consists of agricultural fields.
Marion County NRCS Office	1968	Property is partially wooded and cleared.	Property is heavily wooded.	Property is partially wooded and cleared.	Property is mostly wooded.	Property consists of agricultural fields.
Marion County NRCS Office	1959	Property is partially wooded and cleared.	Property is heavily wooded.	Property is partially wooded and cleared.	Property is mostly wooded.	Property consists of agricultural fields.

City Directories

City Directories were not reviewed for this assessment.

Recorded Land Title Records

Recorded land titles were not provided by the user to review for this assessment.

Sanborn Fire Insurance Maps

Sanborn Fire Insurance Maps were not available for the subject property.



"Linking Technology with Tradition"®

Sanborn® Map Report

Ship To: Casey Wollard
S&ME, Inc.
231 Labonte Street
Conway, SC 29526

Order Date: 10/3/2005 **Completion Date:** 10/3/2005
Inquiry #: 1523684.2
P.O. #: NA
Site Name: Marion County Industrial Park

Customer Project: 1614-05-294
7012766ERN 843-347-7800

Address: Highway 501
City/State: MARION, SC 29571
Cross Streets:

This document reports that the largest and most complete collection of Sanborn fire insurance maps has been reviewed based on client supplied information, and fire insurance maps depicting the target property at the specified address were not identified.

NO COVERAGE

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report AS IS. Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

APPENDIX D

EDR DATABASE REPORT



The EDR Radius Map with GeoCheck®

**Marion County Industrial Park
Highway 501
MARION, SC 29571**

Inquiry Number: 1523684.1s

October 04, 2005

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

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

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

HIGHWAY 501
MARION, SC 29571

COORDINATES

Latitude (North): 34.197400 - 34° 11' 50.6"
Longitude (West): 79.349000 - 79° 20' 56.4"
Universal Transverse Mercator: Zone 17
UTM X (Meters): 652123.9
UTM Y (Meters): 3785080.8
Elevation: 90 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 34079-B3 MULLINS, SC
Source: USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP..... CERCLIS No Further Remedial Action Planned
CORRACTS..... Corrective Action Report
RCRA-TSDF..... Resource Conservation and Recovery Act Information
RCRA-LQG..... Resource Conservation and Recovery Act Information
RCRA-SQG..... Resource Conservation and Recovery Act Information
ERNS..... Emergency Response Notification System

STATE ASTM STANDARD

SHWS..... Site Assessment Section Project List

EXECUTIVE SUMMARY

SWF/LF	Permitted Landfills List
UST	Comprehensive Underground Storage Tanks
VCP	Voluntary Cleanup Sites

FEDERAL ASTM SUPPLEMENTAL

CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
Delisted NPL	National Priority List Deletions
FINDS	Facility Index System/Facility Registry System
HMIRS	Hazardous Materials Information Reporting System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
NPL Liens	Federal Superfund Liens
PADS	PCB Activity Database System
INDIAN RESERV	Indian Reservations
UMTRA	Uranium Mill Tailings Sites
US ENG CONTROLS	Engineering Controls Sites List
ODI	Open Dump Inventory
FUDS	Formerly Used Defense Sites
DOD	Department of Defense Sites
RAATS	RCRA Administrative Action Tracking System
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
SSTS	Section 7 Tracking Systems
FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

STATE OR LOCAL ASTM SUPPLEMENTAL

AST	Aboveground Storage Tank List
SC Spills	Spill List
GWCI	Groundwater Contamination Inventory
DRYCLEANERS	Drycleaner Database

EDR PROPRIETARY HISTORICAL DATABASES

Coal Gas	Former Manufactured Gas (Coal Gas) Sites
-----------------------	--

BROWNFIELDS DATABASES

US BROWNFIELDS	A Listing of Brownfields Sites
US INST CONTROL	Sites with Institutional Controls
VCP	Voluntary Cleanup Sites
BROWNFIELDS	Brownfields Sites Listing
AUL	Land Use Controls

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

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

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

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

EXECUTIVE SUMMARY

STATE ASTM STANDARD

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

A review of the LUST list, as provided by EDR, and dated 06/07/2005 has revealed that there is 1 LUST site within approximately 1 mile of the target property.

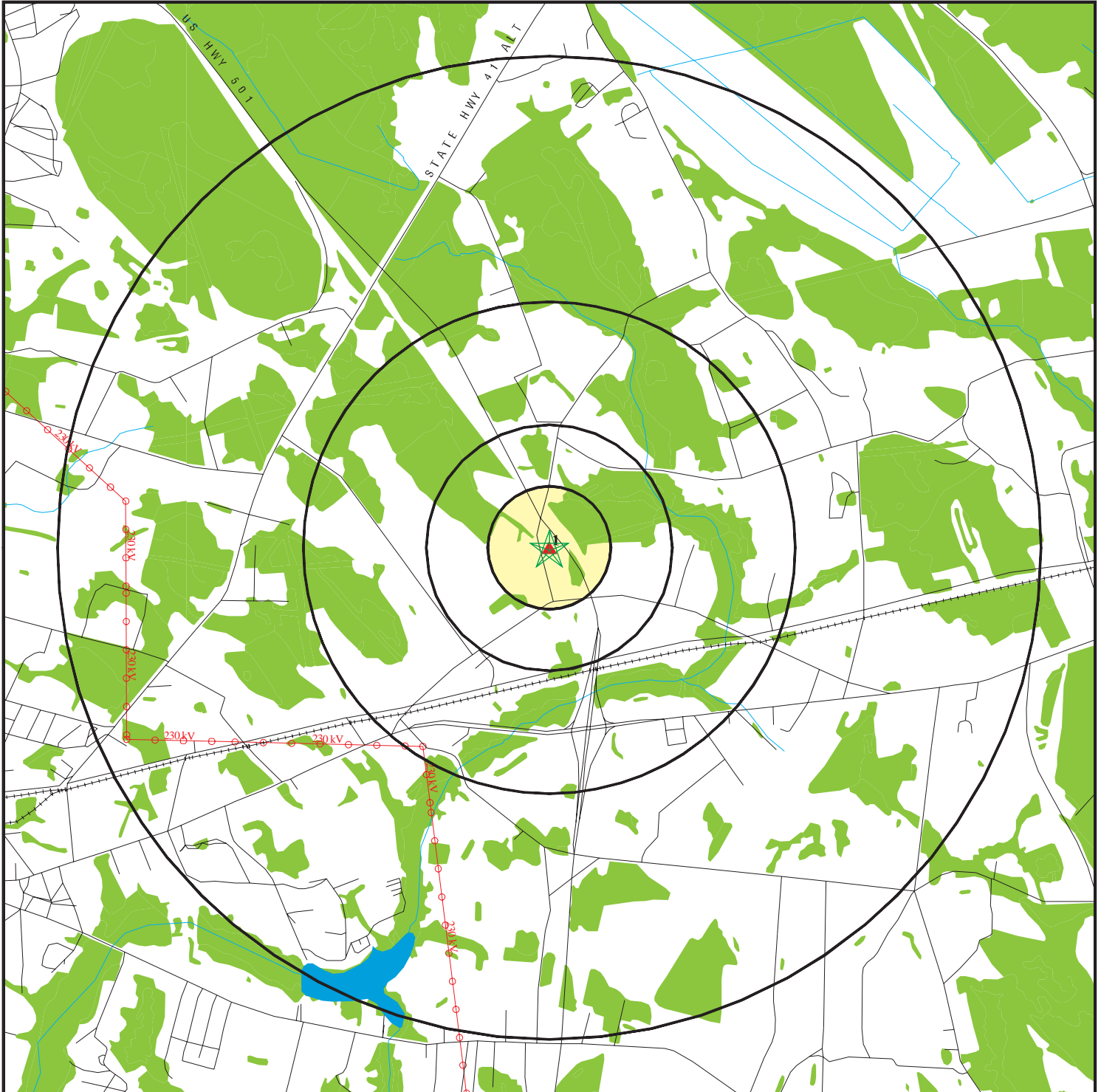
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>MARION GRILL</i>	<i>HWY 501 & 76</i>	<i>0 - 1/8</i>	<i>1</i>	<i>6</i>

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
MARION COUNTY SCHOOL DIST #1	FINDS, FTTS INSP
JOYE ONE HOUR CLEANERS	SHWS, DRYCLEANERS
COASTAL LUMBER CO. - CARMICHAEL TR	SHWS, VCP
PALMETTO HARDWOOD CORP.	SHWS
CITY OF MARION COMPOSTING	SWF/LF
PIRATES PANTRY	LUST, UST
FORMER TRI COUNTY TIRE CO	FINDS, LUST
E&J GROCERY	FINDS, LUST
MARION CITY OF	LUST, UST
STACYS CARRY OUT	FINDS, LUST
MACKS GROCERY	LUST
JAMES GRICE GROCERY	FINDS, LUST
SC760	LUST, UST
E&L RENTALS	LUST, UST
MARION AMOCO	FINDS, LUST
GASQUES SERVICE STATION	FINDS, LUST
MCROY RICHARDSON GRO	FINDS, LUST
CCBCC OPERATIONS LLC	RCRA-SQG, FINDS, LUST
PEE DEE ELECTRIC COOPERATIVE	GWCI, LUST, UST
COASTAL COCA COLA BOTTLING CO	FINDS, LUST
SPARKYS FIREWORKS	UST
PEE DEE ELECTRIC COOP INC	UST
SAWYERS GROCERY	UST
MARION CONCRETE CO INC	UST
MARION COUNTY	UST
STACYS CARRY OUT	GWCI, UST
MACKS GROCERY	GWCI, UST
JAMES GRICE GROCERY	UST
GAS CITY II FORMERLY	UST
MARION AMOCO	GWCI, UST
CCBCC OPERATIONS LLC	UST
MARION CITY OF	UST
COASTAL COCA COLA BOTTLING CO	GWCI, UST
CATFISH CANAL LIFT STATION	UST
SMITHBORO STATION	UST
KRP INDUSTRIES INC-MARION	RCRA-SQG, FINDS
BORDEN CHEMICAL SMITH DOUGLASS	RCRA-SQG, FINDS
KAREYS AUTO BODY & AUTO SALES	RCRA-SQG, FINDS
ROAD RESCUE INC	RCRA-SQG
DATWYLER RUBBER & PLASTICS	RCRA-SQG
MYRTLE BEACH FARMS COMPANY INC	RCRA-SQG
TRI COUNTY OIL COMPANY	FINDS

OVERVIEW MAP - 1523684.1s - S&ME, Inc.



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites
- ▣ National Priority List Sites
- ▣ Landfill Sites
- ▣ Dept. Defense Sites

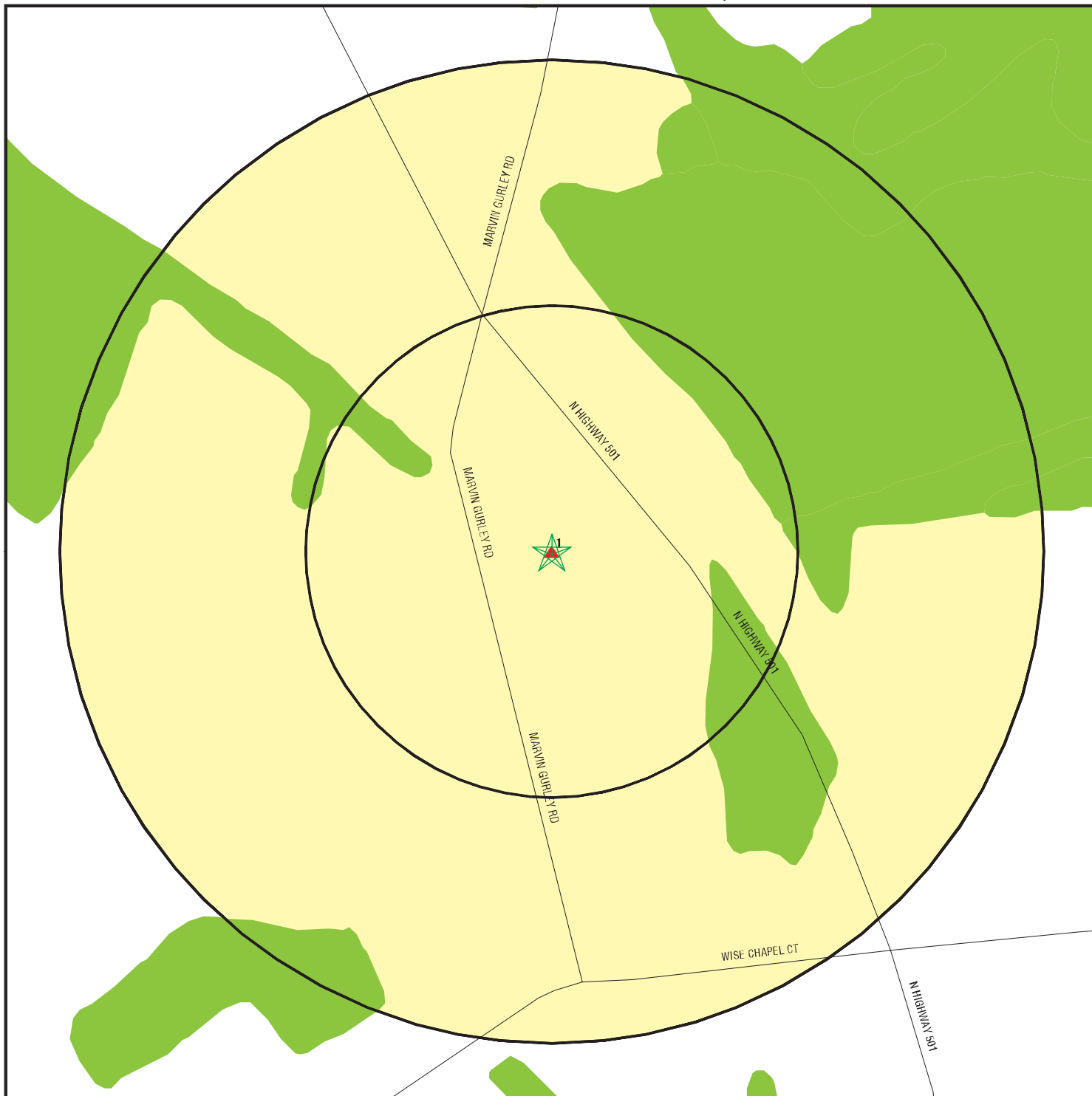
- ▣ Indian Reservations BIA
 - ⚡ Power transmission lines
 - ⚡ Oil & Gas pipelines
 - Federal Wetlands
- 0 1/2 1 2 Miles



TARGET PROPERTY: Marion County Industrial Park
ADDRESS: Highway 501
CITY/STATE/ZIP: MARION SC 29571
LAT/LONG: 34.1974 / 79.3490

CUSTOMER: S&ME, Inc.
CONTACT: Casey Wollard
INQUIRY #: 1523684.1s
DATE: October 04, 2005 10:20 am

DETAIL MAP - 1523684.1s - S&ME, Inc.



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites
- Sensitive Receptors
- ▣ National Priority List Sites
- ▣ Landfill Sites
- ▣ Dept. Defense Sites

0 1/16 1/8 1/4 Miles

▣ Indian Reservations BIA

▣ Oil & Gas pipelines

▣ Federal Wetlands

N

<p>TARGET PROPERTY: Marion County Industrial Park ADDRESS: Highway 501 CITY/STATE/ZIP: MARION SC 29571 LAT/LONG: 34.1974 / 79.3490</p>	<p>CUSTOMER: S&ME, Inc. CONTACT: Casey Wollard INQUIRY #: 1523684.1s DATE: October 04, 2005 10:20 am</p>
---	---

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL ASTM STANDARD</u>								
NPL		1.500	0	0	0	0	0	0
Proposed NPL		1.500	0	0	0	0	0	0
CERCLIS		1.000	0	0	0	0	NR	0
CERC-NFRAP		0.750	0	0	0	0	NR	0
CORRACTS		1.500	0	0	0	0	0	0
RCRA TSD		1.000	0	0	0	0	NR	0
RCRA Lg. Quan. Gen.		0.750	0	0	0	0	NR	0
RCRA Sm. Quan. Gen.		0.750	0	0	0	0	NR	0
ERNS		0.500	0	0	0	NR	NR	0
<u>STATE ASTM STANDARD</u>								
State Haz. Waste		1.500	0	0	0	0	0	0
State Landfill		1.000	0	0	0	0	NR	0
LUST		1.000	1	0	0	0	NR	1
UST		0.750	0	0	0	0	NR	0
VCP		1.000	0	0	0	0	NR	0
<u>FEDERAL ASTM SUPPLEMENTAL</u>								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
HMIRS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
UMTRA		1.000	0	0	0	0	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
ODI		1.000	0	0	0	0	NR	0
FUDS		1.500	0	0	0	0	0	0
DOD		1.000	0	0	0	0	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
<u>STATE OR LOCAL ASTM SUPPLEMENTAL</u>								
AST	TP		NR	NR	NR	NR	NR	0
SC Spills	TP		NR	NR	NR	NR	NR	0
GWCI		0.500	0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
<u>EDR PROPRIETARY HISTORICAL DATABASES</u>								
Coal Gas		1.000	0	0	0	0	NR	0
<u>BROWNFIELDS DATABASES</u>								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
VCP		1.000	0	0	0	0	NR	0
BROWNFIELDS		0.500	0	0	0	NR	NR	0
AUL		0.500	0	0	0	NR	NR	0

NOTES:

AQUIFLOW - see EDR Physical Setting Source Addendum

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

1 **MARION GRILL** FINDS 1007256756
HWY 501 & 76 LUST 110017296914
< 1/8 **MARION, SC 29571**
1 ft.

Relative: FINDS:
Equal Other Pertinent Environmental Activity Identified at Site:
SOUTH CAROLINA-ENVIRONMENTAL FACILITY INFORMATION SYSTEM

Actual: LUST:
90 ft. Facility ID: 06261 Proj Manager: BUTLERAP
Report Date: 06/25/93 Release Number: 1
Owner: PEE DEE OIL CO-C/O FIRST UNION
NFA Date: Not reported
Date Confirmed: 04/13/95 Rank: 2BA
Facility Status: Conduct invest/risk assessment
Substance: PETRO

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MARION	U003524331	PIRATES PANTRY	RT 4 BOX 333 HWY 501 S	29571	LUST, UST
MARION	1007228716	FORMER TRI COUNTY TIRE CO	825 HWY 501 S	29571	FINDS, LUST
MARION	1005852703	TRI COUNTY OIL COMPANY	HIGHWAY 501	29571	FINDS
MARION	U003908260	SPARKYS FIREWORKS	2416 HWY 501 S	29571	UST
MARION	U003624878	PEE DEE ELECTRIC COOP INC	US 501 BYPASS AT S 34 331	29571	UST
MARION	U003524878	SAWYERS GROCERY	HWY 501 S	29571	UST
MARION	1007228689	E&J GROCERY	HWY 501 & 38	29571	FINDS, LUST
MARION	U003523393	MARION CONCRETE CO INC	PO BOX 887 NEW MULLINS HWY	29571	UST
MARION	1004780587	KRP INDUSTRIES INC-MARION	501 BYPASS & SC 34-41	29571	RCRA-SQG, FINDS
MARION	U001541945	MARION COUNTY	CLERK OF COURT	29571	UST
MARION	U003520198	MARION CITY OF	COLLINS	29571	LUST, UST
MARION	U003525587	STACYS CARRY OUT	E GODBOLD ST	29571	GWCI, UST
MARION	1007256737	STACYS CARRY OUT	E GODBOLD ST	29571	FINDS, LUST
MARION	1004779933	BORDEN CHEMICAL SMITH DOUGLASS	E GODBOLT ST	29571	RCRA-SQG, FINDS
MARION	U003930422	MACKS GROCERY	GOLDBOLD ST	29571	GWCI, UST
MARION	U003558132	JAMES GRICE GROCERY	GOLDBOLD ST	29571	UST
MARION	U003558014	GAS CITY II FORMERLY	GOLDBOLD ST	29571	UST
MARION	S105750065	MACKS GROCERY	GOLDBOLD ST	29571	LUST
MARION	S105621410	JOYE ONE HOUR CLEANERS	1017 GOLDBOLD AVE AT JONES ST	29571	SHWS, DRYCLEANERS
MARION	1007256734	JAMES GRICE GROCERY	GOLDBOLD ST	29571	FINDS, LUST
MARION	S106234007	COASTAL LUMBER CO. - CARMICHAEL TR	800 HULL ROAD	29571	SHWS, VCP
MARION	U003558510	SC760	JONES AVE EXT	29571	LUST, UST
MARION	U003520941	E&L RENTALS	E LIBERTY ST	29571	LUST, UST
MARION	U003523390	MARION AMOCO	N MAIN ST	29571	GWCI, UST
MARION	1007256759	MARION AMOCO	N MAIN ST	29571	FINDS, LUST
MARION	1007255938	GASQUES SERVICE STATION	N MAIN ST	29571	FINDS, LUST
MARION	1007256735	MCROY RICHARDSON GRO	2 MI N OF MARION ON HWY 501	29571	FINDS, LUST
MARION	1004595154	MARION COUNTY SCHOOL DIST #1	616 NORTHSIDE AVE	29571	FINDS, FTTS INSP
MARION	S106859810	CITY OF MARION COMPOSTING	P. O. BOX 1190	29571	SWF/LF
MARION	U003970290	CCBCC OPERATIONS LLC	OLD COLEMAN CURVE RD	29571	UST
MARION	1004779668	CCBCC OPERATIONS LLC	OLD COLEMAN CURVE RD	29571	RCRA-SQG, FINDS, LUST
MARION	1001489894	KAREYS AUTO BODY & AUTO SALES	OLD MULLINS HWY	29571	RCRA-SQG, FINDS
MARION	U001119574	MARION CITY OF	RAILROAD AVE	29571	UST
MARION	U003524219	PEE DEE ELECTRIC COOPERATIVE	405 RAILROAD AVE	29571	GWCI, LUST, UST
MARION	U003520308	COASTAL COCA COLA BOTTLING CO	222 RAILROAD AVE	29571	GWCI, UST
MARION	1007256746	COASTAL COCA COLA BOTTLING CO	222 RAILROAD AVE	29571	FINDS, LUST
MARION	1007209146	ROAD RESCUE INC	2914 SPARTAN PLACE	29571	RCRA-SQG
MARION	1006817781	DATWYLER RUBBER & PLASTICS	1790 TECHNOLOGY PLACE	29571	RCRA-SQG
MARION	U000482174	CATFISH CANAL LIFT STATION	S WITHLACOOCHEE AVE	29571	UST
MULLINS	S105736162	PALMETTO HARDWOOD CORP.	PO BOX 950	29574	SHWS
MYRTLE BEACH	1007371650	MYRTLE BEACH FARMS COMPANY INC	2411 N OAK ST	29571	RCRA-SQG
SMITHBORO	U003525238	SMITHBORO STATION	SC 917	29571	UST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Number of Days to Update: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List

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

Date of Government Version: 07/01/05	Source: EPA
Date Data Arrived at EDR: 08/03/05	Telephone: N/A
Date Made Active in Reports: 08/22/05	Last EDR Contact: 08/03/05
Number of Days to Update: 19	Next Scheduled EDR Contact: 10/31/05
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 8
Telephone: 303-312-6774

EPA Region 4
Telephone 404-562-8033

Proposed NPL: Proposed National Priority List Sites

Date of Government Version: 04/27/05	Source: EPA
Date Data Arrived at EDR: 05/04/05	Telephone: N/A
Date Made Active in Reports: 05/16/05	Last EDR Contact: 08/05/05
Number of Days to Update: 12	Next Scheduled EDR Contact: 10/31/05
	Data Release Frequency: Quarterly

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 06/27/05	Source: EPA
Date Data Arrived at EDR: 07/22/05	Telephone: 703-413-0223
Date Made Active in Reports: 08/17/05	Last EDR Contact: 09/20/05
Number of Days to Update: 26	Next Scheduled EDR Contact: 12/19/05
	Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/17/05
Date Data Arrived at EDR: 06/20/05
Date Made Active in Reports: 08/17/05
Number of Days to Update: 58

Source: EPA
Telephone: 703-413-0223
Last EDR Contact: 09/20/05
Next Scheduled EDR Contact: 12/19/05
Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/28/05
Date Data Arrived at EDR: 07/05/05
Date Made Active in Reports: 08/08/05
Number of Days to Update: 34

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/06/05
Next Scheduled EDR Contact: 12/05/05
Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 05/20/05
Date Data Arrived at EDR: 05/24/05
Date Made Active in Reports: 06/09/05
Number of Days to Update: 16

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/23/05
Next Scheduled EDR Contact: 10/24/05
Data Release Frequency: Quarterly

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/31/04
Date Data Arrived at EDR: 01/27/05
Date Made Active in Reports: 03/24/05
Number of Days to Update: 56

Source: National Response Center, United States Coast Guard
Telephone: 202-260-2342
Last EDR Contact: 07/25/05
Next Scheduled EDR Contact: 10/24/05
Data Release Frequency: Annually

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/03
Date Data Arrived at EDR: 06/17/05
Date Made Active in Reports: 08/04/05
Number of Days to Update: 48

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/12/05
Next Scheduled EDR Contact: 12/12/05
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 12/14/04
Date Data Arrived at EDR: 02/15/05
Date Made Active in Reports: 04/25/05
Number of Days to Update: 69

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 07/25/05
Next Scheduled EDR Contact: 10/24/05
Data Release Frequency: Varies

ROD: Records Of Decision

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

Date of Government Version: 06/08/05
Date Data Arrived at EDR: 07/11/05
Date Made Active in Reports: 08/08/05
Number of Days to Update: 28

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 07/06/05
Next Scheduled EDR Contact: 10/03/05
Data Release Frequency: Annually

DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 07/01/05
Date Data Arrived at EDR: 08/03/05
Date Made Active in Reports: 08/22/05
Number of Days to Update: 19

Source: EPA
Telephone: N/A
Last EDR Contact: 08/03/05
Next Scheduled EDR Contact: 10/31/05
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 07/11/05
Date Data Arrived at EDR: 07/19/05
Date Made Active in Reports: 08/08/05
Number of Days to Update: 20

Source: EPA
Telephone: (404) 562-9900
Last EDR Contact: 07/05/05
Next Scheduled EDR Contact: 10/03/05
Data Release Frequency: Quarterly

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 06/27/05
Date Data Arrived at EDR: 07/22/05
Date Made Active in Reports: 09/01/05
Number of Days to Update: 41

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 07/22/05
Next Scheduled EDR Contact: 10/17/05
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/14/05
Date Data Arrived at EDR: 07/22/05
Date Made Active in Reports: 08/22/05
Number of Days to Update: 31

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 07/05/05
Next Scheduled EDR Contact: 10/03/05
Data Release Frequency: Quarterly

MINES: Mines Master Index File

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

Date of Government Version: 05/13/05
Date Data Arrived at EDR: 06/27/05
Date Made Active in Reports: 08/08/05
Number of Days to Update: 42

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/27/05
Next Scheduled EDR Contact: 12/26/05
Data Release Frequency: Semi-Annually

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91
Date Data Arrived at EDR: 02/02/94
Date Made Active in Reports: 03/30/94
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/22/05
Next Scheduled EDR Contact: 11/21/05
Data Release Frequency: No Update Planned

PADS: PCB Activity Database System

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

Date of Government Version: 03/30/05
Date Data Arrived at EDR: 05/10/05
Date Made Active in Reports: 05/24/05
Number of Days to Update: 14

Source: EPA
Telephone: 202-564-3887
Last EDR Contact: 08/25/05
Next Scheduled EDR Contact: 11/07/05
Data Release Frequency: Annually

DOD: Department of Defense Sites

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

Date of Government Version: 10/01/03
Date Data Arrived at EDR: 11/12/03
Date Made Active in Reports: 11/21/03
Number of Days to Update: 9

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 08/09/05
Next Scheduled EDR Contact: 11/07/05
Data Release Frequency: Semi-Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized. In 1978, 24 inactive uranium mill tailings sites in Oregon, Idaho, Wyoming, Utah, Colorado, New Mexico, Texas, North Dakota, South Dakota, Pennsylvania, and on Navajo and Hopi tribal lands, were targeted for cleanup by the Department of Energy.

Date of Government Version: 12/29/04
Date Data Arrived at EDR: 01/07/05
Date Made Active in Reports: 03/14/05
Number of Days to Update: 66

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 09/19/05
Next Scheduled EDR Contact: 12/19/05
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ODI: Open Dump Inventory

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

Date of Government Version: 06/30/85
Date Data Arrived at EDR: 08/09/04
Date Made Active in Reports: 09/17/04
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 05/23/95
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 12/31/04
Date Data Arrived at EDR: 06/29/05
Date Made Active in Reports: 08/08/05
Number of Days to Update: 40

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 06/29/05
Next Scheduled EDR Contact: 10/03/05
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

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

Date of Government Version: 10/01/03
Date Data Arrived at EDR: 11/12/03
Date Made Active in Reports: 11/21/03
Number of Days to Update: 9

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 08/09/05
Next Scheduled EDR Contact: 11/07/05
Data Release Frequency: Semi-Annually

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 01/10/05
Date Data Arrived at EDR: 02/11/05
Date Made Active in Reports: 04/06/05
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 703-603-8867
Last EDR Contact: 07/05/05
Next Scheduled EDR Contact: 10/03/05
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/95
Date Data Arrived at EDR: 07/03/95
Date Made Active in Reports: 08/07/95
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 09/06/05
Next Scheduled EDR Contact: 12/05/05
Data Release Frequency: No Update Planned

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/03
Date Data Arrived at EDR: 07/13/05
Date Made Active in Reports: 08/17/05
Number of Days to Update: 35

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 09/19/05
Next Scheduled EDR Contact: 12/19/05
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/02
Date Data Arrived at EDR: 04/27/04
Date Made Active in Reports: 05/21/04
Number of Days to Update: 24

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 07/18/05
Next Scheduled EDR Contact: 10/17/05
Data Release Frequency: Every 4 Years

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

Date of Government Version: 07/15/05
Date Data Arrived at EDR: 07/25/05
Date Made Active in Reports: 08/22/05
Number of Days to Update: 28

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 09/19/05
Next Scheduled EDR Contact: 12/19/05
Data Release Frequency: Quarterly

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/03
Date Data Arrived at EDR: 01/03/05
Date Made Active in Reports: 01/25/05
Number of Days to Update: 22

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/18/05
Next Scheduled EDR Contact: 10/17/05
Data Release Frequency: Annually

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

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

Date of Government Version: 07/15/05
Date Data Arrived at EDR: 07/25/05
Date Made Active in Reports: 08/22/05
Number of Days to Update: 28

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 09/19/05
Next Scheduled EDR Contact: 12/19/05
Data Release Frequency: Quarterly

STATE OF SOUTH CAROLINA ASTM STANDARD RECORDS

SHWS: Site Assessment Section Project List

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

Date of Government Version: 05/11/05
Date Data Arrived at EDR: 05/20/05
Date Made Active in Reports: 06/16/05
Number of Days to Update: 27

Source: Department of Health and Environmental Control
Telephone: 803-734-5376
Last EDR Contact: 07/11/05
Next Scheduled EDR Contact: 10/10/05
Data Release Frequency: Annually

SWF/LF: Permitted Landfills List

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/21/05
Date Data Arrived at EDR: 07/21/05
Date Made Active in Reports: 08/25/05
Number of Days to Update: 35

Source: Department of Health and Environmental Control
Telephone: 803-734-5165
Source: Department of Health and Environmental Control, GIS Section
Telephone: 803-896-4084
Last EDR Contact: 07/11/05
Next Scheduled EDR Contact: 10/10/05
Data Release Frequency: Varies

LUST: Leaking Underground Storage Tank List

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

Date of Government Version: 06/07/05
Date Data Arrived at EDR: 06/15/05
Date Made Active in Reports: 06/29/05
Number of Days to Update: 14

Source: Department of Health and Environmental Control
Telephone: 803-898-4350
Last EDR Contact: 08/22/05
Next Scheduled EDR Contact: 11/21/05
Data Release Frequency: Quarterly

UST: Comprehensive Underground Storage Tanks

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

Date of Government Version: 06/07/05
Date Data Arrived at EDR: 06/15/05
Date Made Active in Reports: 06/30/05
Number of Days to Update: 15

Source: Department of Health and Environmental Control
Telephone: 803-898-4350
Last EDR Contact: 08/22/05
Next Scheduled EDR Contact: 11/21/05
Data Release Frequency: Quarterly

VCP: Voluntary Cleanup Sites

Date of Government Version: 04/20/05
Date Data Arrived at EDR: 06/03/05
Date Made Active in Reports: 06/29/05
Number of Days to Update: 26

Source: Department of Health and Environmental Control
Telephone: 803-896-4049
Last EDR Contact: 07/11/05
Next Scheduled EDR Contact: 10/10/05
Data Release Frequency: Varies

STATE OF SOUTH CAROLINA ASTM SUPPLEMENTAL RECORDS

AST: Aboveground Storage Tank List

Registered Aboveground Storage Tanks.

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

Source: Department of Health and Environmental Control
Telephone: 803-898-4350
Last EDR Contact: 09/26/05
Next Scheduled EDR Contact: 12/26/05
Data Release Frequency: Varies

SPILLS: Spill List

Date of Government Version: 07/28/05
Date Data Arrived at EDR: 08/15/05
Date Made Active in Reports: 09/13/05
Number of Days to Update: 29

Source: Department of Health and Environmental Control
Telephone: 803-898-4111
Last EDR Contact: 09/26/05
Next Scheduled EDR Contact: 12/26/05
Data Release Frequency: Varies

GWCI: Groundwater Contamination Inventory

An inventory of all groundwater contamination cases in the state.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/04
Date Data Arrived at EDR: 10/26/04
Date Made Active in Reports: 11/29/04
Number of Days to Update: 34

Source: Department of Health and Environmental Control
Telephone: 803-898-3798
Last EDR Contact: 07/27/05
Next Scheduled EDR Contact: 10/24/05
Data Release Frequency: Annually

DRYCLEANERS: Drycleaner Database

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

Date of Government Version: 12/14/04
Date Data Arrived at EDR: 12/20/04
Date Made Active in Reports: 02/02/05
Number of Days to Update: 44

Source: Department of Health & Environmental Control
Telephone: 803-898-3882
Last EDR Contact: 08/29/05
Next Scheduled EDR Contact: 11/28/05
Data Release Frequency: Varies

EDR PROPRIETARY HISTORICAL DATABASES

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

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BROWNFIELDS DATABASES

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 01/10/05
Date Data Arrived at EDR: 01/19/05
Date Made Active in Reports: 04/01/05
Number of Days to Update: 72

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 08/11/05
Next Scheduled EDR Contact: 12/12/05
Data Release Frequency: Semi-Annually

AUL: Land Use Controls

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/12/05
Date Data Arrived at EDR: 07/13/05
Date Made Active in Reports: 08/05/05
Number of Days to Update: 23

Source: Department of Health & Environmental Control
Telephone: 803-896-4049
Last EDR Contact: 07/11/05
Next Scheduled EDR Contact: 10/10/05
Data Release Frequency: Varies

BROWNFIELDS: Brownfields Sites Listing

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

Date of Government Version: 07/12/05
Date Data Arrived at EDR: 07/13/05
Date Made Active in Reports: 08/05/05
Number of Days to Update: 23

Source: Department of Health & Environmental Control
Telephone: 803-896-4069
Last EDR Contact: 07/11/05
Next Scheduled EDR Contact: 10/10/05
Data Release Frequency: Varies

VCP: Voluntary Cleanup Sites

Date of Government Version: 07/14/04
Date Data Arrived at EDR: 07/14/04
Date Made Active in Reports: 08/09/04
Number of Days to Update: 26

Source: Department of Health and Environmental Control
Telephone: N/A
Last EDR Contact: 07/11/05
Next Scheduled EDR Contact: 10/10/05
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 01/10/05
Date Data Arrived at EDR: 02/11/05
Date Made Active in Reports: 04/06/05
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 703-603-8867
Last EDR Contact: 07/05/05
Next Scheduled EDR Contact: 10/03/05
Data Release Frequency: Varies

OTHER DATABASE(S)

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

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

Electric Power Transmission Line Data

Source: PennWell Corporation
Telephone: (800) 823-6277

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

AHA Hospitals:

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

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

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

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

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Daycare Centers: Child Day Care List

Source: Department of Social Services

Telephone: 803-898-7345

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

MARION COUNTY INDUSTRIAL PARK
HIGHWAY 501
MARION, SC 29571

TARGET PROPERTY COORDINATES

Latitude (North):	34.197399 - 34° 11' 50.6"
Longitude (West):	79.348999 - 79° 20' 56.4"
Universal Transverse Mercator:	Zone 17
UTM X (Meters):	652123.9
UTM Y (Meters):	3785080.8
Elevation:	90 ft. above sea level

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

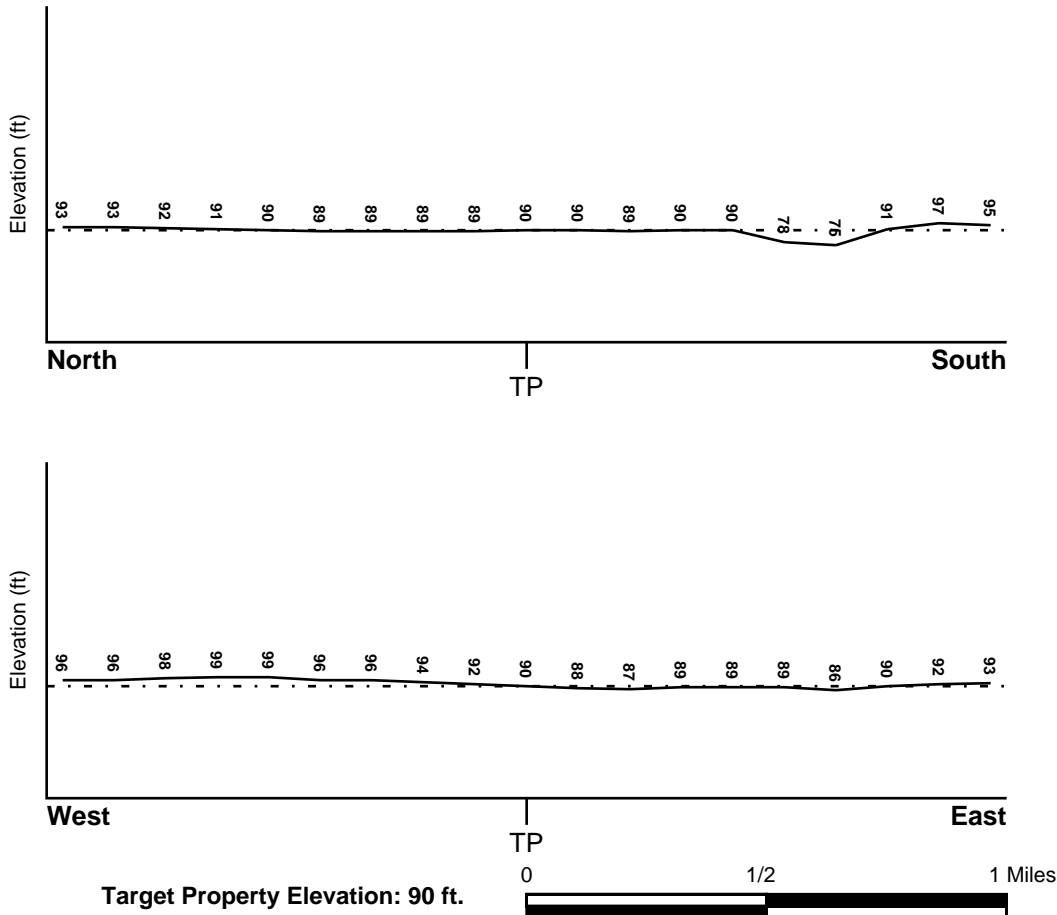
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

USGS Topographic Map: 34079-B3 MULLINS, SC
 General Topographic Gradient: General East
 Source: USGS 7.5 min quad index

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Target Property County</u>	<u>FEMA Flood Electronic Data</u>
MARION, SC	Not Available

Flood Plain Panel at Target Property: Not Reported

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
MULLINS	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

Era: Mesozoic
System: Cretaceous
Series: Washita Group
Code: IK3 *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Component Name: NORFOLK

Soil Surface Texture: loamy sand

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

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

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 6.00 Min: 3.60
2	14 inches	38 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 2.00 Min: 0.60	Max: 5.50 Min: 3.60
3	38 inches	70 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 2.00 Min: 0.60	Max: 5.50 Min: 3.60
4	70 inches	99 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: loam
sandy loam
mucky - loam

Surficial Soil Types: loam
sandy loam
mucky - loam

Shallow Soil Types: fine sandy loam
sandy clay loam
clay loam

Deeper Soil Types: sandy clay loam
stratified
sandy clay

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

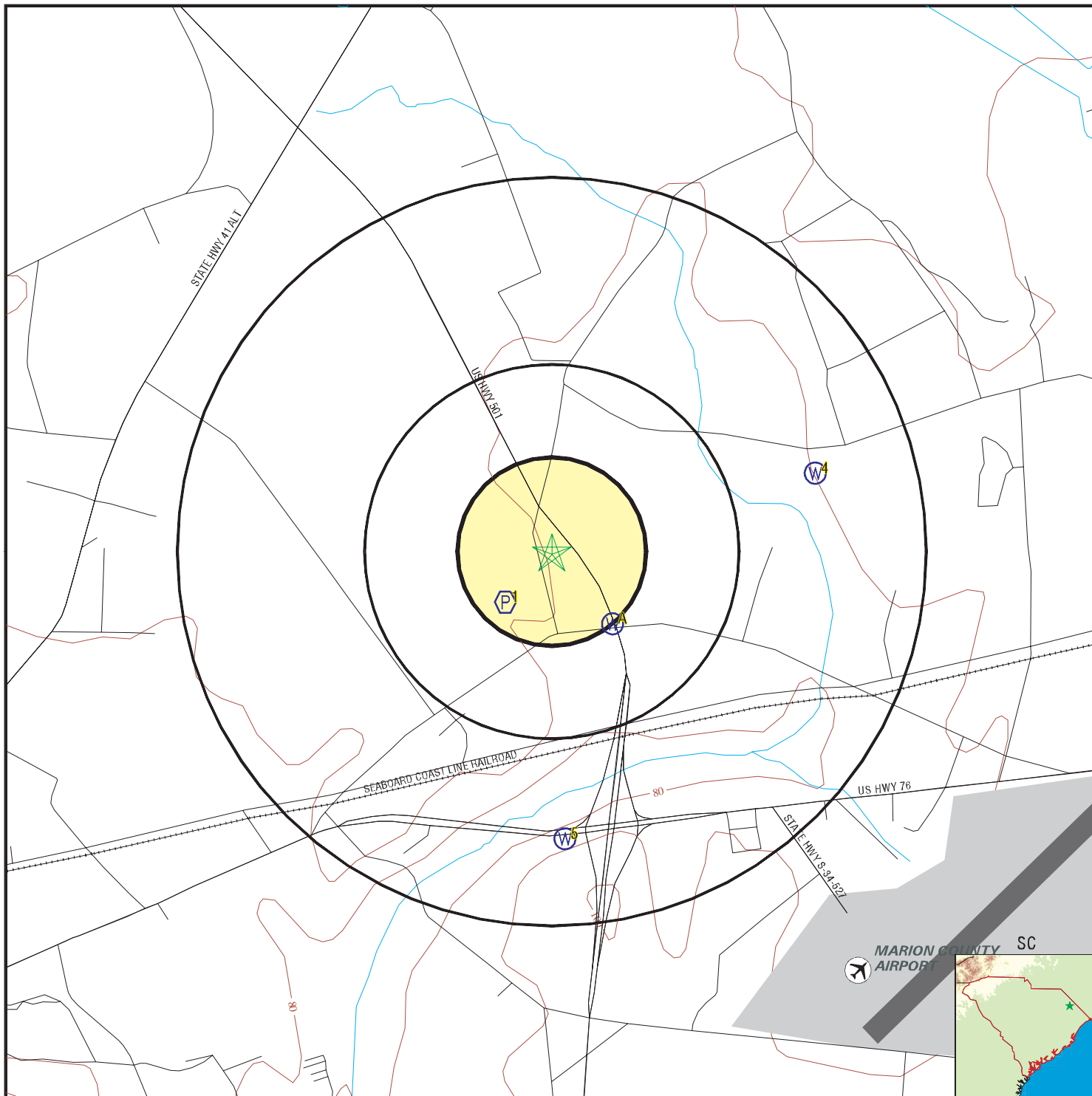
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	SC3320001	1/8 - 1/4 Mile SW

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A2	SC1000000010775	1/4 - 1/2 Mile SE
A3	SC1000000010780	1/4 - 1/2 Mile SE
4	SC1000000010827	1/2 - 1 Mile ENE
5	SC1000000010806	1/2 - 1 Mile South

PHYSICAL SETTING SOURCE MAP - 1523684.1s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location

TARGET PROPERTY:	Marion County Industrial Park	CUSTOMER:	S&ME, Inc.
ADDRESS:	Highway 501	CONTACT:	Casey Wollard
CITY/STATE/ZIP:	MARION SC 29571	INQUIRY #:	1523684.1s
LAT/LONG:	34.1974 / 79.3490	DATE:	October 04, 2005 10:20 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

1
SW **FRDS PWS** **SC3320001**
1/8 - 1/4 Mile
Higher

PWS ID: SC3320001 PWS Status: Not Reported
 Date Initiated: Not Reported Date Deactivated: Not Reported
 PWS Name: MARCO RURAL WATER CO
 GENERAL MANAGER
 PO BOX 1139
 MARION, SC 29571

Source: Ground water
 Treatment Objective: CORROSION CONTROL Process: INHIBITOR, POLYPHOSPHATE
 Treatment Objective: CORROSION CONTROL Process: PH ADJUSTMENT
 Treatment Objective: DISINFECTION Process: GASEOUS CHLORINATION, POST
 Treatment Objective: DISINFECTION Process: GASEOUS CHLORINATION, PRE
 Treatment Objective: IRON REMOVAL Process: AERATION, DIFFUSED
 Treatment Objective: IRON REMOVAL Process: FILTRATION, PRESSURE SAND

Addressee / Facility: Distribution Facility
 BARRY W TWAITS
 MAINT. SUPV.
 PO BOX 1004
 MARION, SC 29571

Facility Latitude: 34 11 43.0000 Facility Longitude: 79 21 5.0000
 Facility Latitude: 34 11 43.0000 Facility Longitude: 79 21 7.0000
 City Served: Not Reported
 Treatment Class: Treated Population: 11774

PWS currently has or had major violation(s) or enforcement: Yes

VIOLATIONS INFORMATION:

Violation ID: 9425393 Source ID: Not Reported PWS Phone: Not Reported
 Vio. beginning Date: 07/01/93 Vio. end Date: 12/31/93 Vio. Period: 006 Months
 Num required Samples: Not Reported Number of Samples Taken: Not Reported
 Analysis Result: Not Reported Maximum Contaminant Level: Not Reported
 Analysis Method: Not Reported
 Violation Type: Initial Tap Sampling for Pb and Cu
 Contaminant: LEAD & COPPER RULE
 Vio. Awareness Date: Not Reported

Violation ID: 9324443 Source ID: Not Reported PWS Phone: Not Reported
 Vio. beginning Date: 01/01/93 Vio. end Date: 06/30/93 Vio. Period: 006 Months
 Num required Samples: Not Reported Number of Samples Taken: Not Reported
 Analysis Result: Not Reported Maximum Contaminant Level: Not Reported
 Analysis Method: Not Reported
 Violation Type: Initial Tap Sampling for Pb and Cu
 Contaminant: LEAD & COPPER RULE
 Vio. Awareness Date: Not Reported

ENFORCEMENT INFORMATION:

System Name: MARCO RURAL WATER CO
 Violation Type: Monitoring, Routine Minor (TCR)
 Contaminant: COLIFORM (TCR)
 Compliance Period: 2001-02-01 - 2001-02-28 Analytical Value: 0
 Violation ID: 0139993 Enforcement ID: Not Reported
 Enforcement Date: Not Reported Enf. Action: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

ENFORCEMENT INFORMATION:

System Name:	MARCO RURAL WATER CO	Analytical Value:	0
Violation Type:	Monitoring, Regular	Enforcement ID:	Not Reported
Contaminant:	TTHM	Enf. Action:	Not Reported
Compliance Period:	2001-04-01 - 2001-12-31		
Violation ID:	0249679		
Enforcement Date:	Not Reported		
System Name:	MARCO RURAL WATER CO	Analytical Value:	0
Violation Type:	Monitoring, Regular	Enforcement ID:	Not Reported
Contaminant:	TTHM	Enf. Action:	Not Reported
Compliance Period:	2002-01-01 - 2002-12-31		
Violation ID:	0349680		
Enforcement Date:	Not Reported		
System Name:	MARCO RURAL WATER CO	Analytical Value:	0000000.000000000
Violation Type:	Initial Tap Sampling for Pb and Cu	Enforcement ID:	9308733
Contaminant:	LEAD & COPPER RULE	Enf. Action:	State Compliance Achieved
Compliance Period:	1993-01-01 - 2015-12-31		
Violation ID:	9324442		
Enforcement Date:	1994-07-10		
System Name:	MARCO RURAL WATER CO	Analytical Value:	0000000.000000000
Violation Type:	Initial Tap Sampling for Pb and Cu	Enforcement ID:	94E0001
Contaminant:	LEAD & COPPER RULE	Enf. Action:	Fed Compliance Achieved
Compliance Period:	1992-07-01 - 2015-12-31		
Violation ID:	9324442		
Enforcement Date:	1993-08-13		
System Name:	MARCO RURAL WATER CO	Analytical Value:	0000000.000000000
Violation Type:	Initial Tap Sampling for Pb and Cu	Enforcement ID:	93E0002
Contaminant:	LEAD & COPPER RULE	Enf. Action:	Fed Formal NOV Issued
Compliance Period:	1992-07-01 - 2015-12-31		
Violation ID:	93V0001		
Enforcement Date:	1993-04-02		

**A2
SE
1/4 - 1/2 Mile
Higher**

SC WELLS SC1000000010775

Scgrid:	11M-t1	County:	MRN
Conum:	115		
Latc:	341140	Longc:	792047
Elev:	90	Owner:	Marco Rural Water Co. Well 6
Location:	off 501 Bypass, Marion	Use:	PS
D drill:	800	D comp:	794
Cas diam 1:	12	Cas diam 2:	Not Reported
Oh cas:	Not Reported	Screen t:	294
Screen b:	789	Date drill:	2/1994
Yield:	375	Yield yr:	1994
G logs:	E, G		
D logs:	0		
P test:	1		
Chem anal:	Not Reported	WI:	71
WI yr:	1994	Driller:	Bill's Well Drilling
Remarks:	15 screens.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A3
SE
1/4 - 1/2 Mile
Higher

SC WELLS SC1000000010780

Scgrid:	11M-t2	County:	MRN
Conum:	120		
Latc:	341140	Longc:	792047
Elev:	90	Owner:	Marco Rural Water Co. Well 7
Location:	Not Reported	Use:	PS
D drill:	250	D comp:	250
Cas diam 1:	8	Cas diam 2:	Not Reported
Oh cas:	Not Reported	Screen t:	125
Screen b:	245	Date drill:	6/1994
Yield:	400	Yield yr:	1994
G logs:	Not Reported		
D logs:	1		
P test:	1		
Chem anal:	Not Reported	WI:	59
WI yr:	1994	Driller:	Bill's Well Drilling
Remarks:	Well is 10 feet west of MRN-115.		

4
ENE
1/2 - 1 Mile
Higher

SC WELLS SC1000000010827

Scgrid:	11M-k1	County:	MRN
Conum:	167		
Latc:	341201	Longc:	792013
Elev:	Not Reported	Owner:	Jimmy Caulder
Location:	Marion, 4 miles NE	Use:	IRR
D drill:	200	D comp:	200
Cas diam 1:	4	Cas diam 2:	Not Reported
Oh cas:	Not Reported	Screen t:	180
Screen b:	200	Date drill:	11/2002
Yield:	50	Yield yr:	2002
G logs:	Not Reported		
D logs:	1		
P test:	0		
Chem anal:	Not Reported	WI:	65
WI yr:	2002	Driller:	Nobles
Remarks:	Not Reported		

5
South
1/2 - 1 Mile
Lower

SC WELLS SC1000000010806

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Scgrid:	11M-t3	County:	MRN
Conum:	146		
Latc:	341110	Longc:	792055
Elev:	Not Reported	Owner:	Thomas MHP
Location:	Marion, 3 miles E	Use:	IRR
D drill:	220	D comp:	220
Cas diam 1:	4	Cas diam 2:	Not Reported
Oh cas:	Not Reported	Screen t:	200
Screen b:	220	Date drill:	8/1990
Yield:	60	Yield yr:	1990
G logs:	Not Reported		
D logs:	1		
P test:	0		
Chem anal:	Not Reported	WI:	27
Wl yr:	1990	Driller:	Cribbs
Remarks:	Location approximated.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for MARION County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level \geq 2 pCi/L and \leq 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 29571

Number of sites tested: 5

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.560 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002. 7.5-Minute DEMs correspond to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

South Carolina Water Well Database

Source: Department of Natural Resources
Telephone: 803-734-6440

RADON

State Database: SC Radon

Source: Department of Health & Environmental Control
Telephone: 864-241-1090
Radon Test Results by Zip Code

Area Radon Information

Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

APPENDIX E

INTERVIEW DOCUMENTATION

RECORDS OF COMMUNICATION

October 6, 2005

Marion County is the current property owner. Frank Jones, the Economic Developer for Marion County, was interviewed concerning his knowledge of environmental concerns associated with the subject property. Mr. Jones stated in a telephone interview dated October 6, 2005, that the county had purchased the land from Pee Dee Electric in January 2004. Mr. Jones stated that he was a Marion County native and the property has always been either farmed or wooded. Mr. Jones also stated that to his knowledge, he was not aware of any environmental concerns on the subject property.

October 6, 7, 10, 11 and 12, 2005

S&ME attempted to contact a member of the Marion Fire Department on October 6, 7, 10, 11 and 12, 2005 to inquire of any spills or emergency responses involving hazardous materials or petroleum products on the subject property. S&ME was unable to contact a member of the department within the time restraints of this report.

APPENDIX F

CONTRACT BETWEEN USER AND S&ME, INC



Date: June 28, 2005	Job Number:
S&ME, Inc. (hereafter Consultant)	Client Name: Alliance Consulting Engineers, Inc. (hereafter Client)
Address: 134 Suber Road	Address: Post Office Box 8147
City: Columbia	City: Columbia
State: SC Zip: 29210	State: SC Zip: 29202-8147
Telephone: (803) 561-9024	Telephone: 779-2078
Fax: (803) 561-9177	Fax: 779-2079
PROJECT	
Project Name: Certified Sites in Chesterfield, Dillon, Marion, Marlboro and Bamberg Counties	
Project location: (Street Address)	
City: Various	State: South Carolina Zip:
SERVICES TO BE RENDERED	
Proposal Number: 1614-4107-05 dated: June 28, 2005 is incorporated into this Agreement For Services. This Agreement For Services is incorporated into the above Proposal.	

WITNESSETH: WHEREAS, Client desires to contract with Consultant to furnish Services to Client's project identified above.

WHEREAS, Consultant is engaged in the business of providing Services and related labor, materials, and equipment. (Herein individually and collectively referred to as Services.)

NOW, THEREFORE, in consideration of the Mutual Covenants and Promises included herein, Client and Consultant agree as follows:

- OFFER ACCEPTANCE:** Client hereby accepts Consultant's offer to provide Services as described in Consultant's proposal for Services referenced under "SERVICES TO BE RENDERED" and agrees that such Services and any additional Services authorized by Client shall be governed by this Agreement. **If Client requests Consultant to start performing Services prior to receipt of this Agreement, Client agrees that Consultant's beginning of performance is based on reliance that Client will accept and execute this Agreement for Services. If Client requests Consultant to start performing Services prior to the execution of this Agreement For Services by the Client, then such request is an acceptance of this Agreement for Services to the same extent as if Client had executed this Agreement.** Should Client choose to accept this Agreement for Services through the use of a Purchase Order, all preprinted terms and conditions on Client's purchase order are inapplicable to this Agreement as this Agreement is for Services that are not compatible with purchase order agreements. Unless this offer is previously accepted, it will be withdrawn automatically at 5:00 pm EST, ninety (90) days from the date of issue.
- CONTRACT DOCUMENTS:** "Contract Documents" shall mean this document as well as the proposal listed under "SERVICES TO BE RENDERED" each of which is incorporated into the other.
- PAYMENT:** Client will pay Consultant for Services and expenses in accordance with the Contract Documents. If prices for Services are not established under SERVICES TO BE RENDERED then the current fee schedule in effect for the location providing the Services shall be used as the amount to be paid by Client for Services provided. Consultant will submit progress invoices to Client monthly and a final invoice upon completion of its Services. Payment is due upon receipt of the invoice unless otherwise agreed to in writing prior to the submittal of the invoice. Invoices are past due 30 calendar days after the date of the invoice. Past due amounts are subject to a late payment fee of one and one-half percent per month (18 percent per annum) or the highest amount allowed by applicable law on the outstanding balance, whichever is less. Attorney's

fees and other costs incurred in collecting past due amounts shall be paid by Client. The Client's obligation to pay under this Agreement is in no way dependent upon the Client's ability to obtain financing, payment from third parties, approval of governmental or regulatory agencies, or upon the Client's successful completion of the Project

Consultant shall be paid in full for all Services rendered under this Agreement, including any additional Services authorized by Client in excess of those stated in this Agreement. However, if Client objects to all or any portion of any invoice, Client shall so notify Consultant in writing of the objection within fifteen (15) days from date of invoice, give reasons for the objection, and pay that portion of the invoice not subject to Client's objection. Client and Consultant will informally discuss Client's objections to the invoice and attempt to reach a resolution mutually acceptable to Client and Consultant. If Client or Consultant determine that an informal resolution is not possible then that party shall so state in writing to the other party and initiate a final resolution pursuant to the Dispute Resolution provisions of this Agreement for Services. If the Client does not object in writing to all or a portion of the invoice within fifteen (15) calendar days from date of invoice then the full amount of the invoice is due and payable and all objections are waived.

Without incurring any liability to the Client, Consultant may either suspend or terminate this Agreement if Client fails to pay any undisputed invoice amounts within 60 calendar days of the invoice date, or if Client states its intention not to pay forthcoming invoices. Such suspension or termination will not waive any other claim Consultant may have against Client. Following such suspension or termination, Consultant may resume work by mutual agreement with Client after payment by Client of all outstanding invoiced amounts and collection expenses. In case of such suspension or termination, Client waives all claims for damages or delay as a result of such suspension or termination.

Any invoices that are not paid within thirty (30) calendar days of Client's receipt of letter from Consultant demanding payment of the invoices or a collection action notification by an attorney or collection agency shall constitute a release of Consultant by Client from any and all claims whatsoever, including, but not limited to, tort or contractual claims which Client may have against Consultant for Services performed under said invoice(s).

4. **STANDARD OF CARE:** Consultant and its agents, employees and subcontractors shall endeavor to perform Services for Client using that degree of care and skill ordinarily exercised, under similar circumstances, by others ordinarily providing Services in the same or similar locality as the project at the time Services are provided. In the event any portion of the Services fails to substantially comply with this standard of care obligation and Consultant is promptly notified in writing prior to one year after completion of such portion of the Services, Consultant will re-perform such portion of the Services, or if re-performance is impractical, Consultant will refund the amount of compensation paid to Consultant for such portion of the Services. **THE REMEDIES SET FORTH HEREIN ARE EXCLUSIVE.** This **STANDARD OF CARE** is in lieu of all other warranties and standards of care. No other warranty or standard of care, expressed or implied, is made or intended by this Agreement, or by the proposal, by oral communications, or by any representations made regarding the Services included in this Agreement.

5. **LIMITATION OF LIABILITY: CONSULTANT AND CLIENT MUTUALLY AGREE THAT THE SERVICES PROVIDED PURSUANT TO THIS AGREEMENT INVOLVE RISKS OF LIABILITY WHICH CANNOT BE ADEQUATELY COMPENSATED FOR BY THE PAYMENTS CLIENT WILL MAKE UNDER THIS AGREEMENT. THEREFORE, THE TOTAL CUMULATIVE LIABILITY OF CONSULTANT, ITS AGENTS, EMPLOYEES, AND SUBCONTRACTORS WHETHER IN CONTRACT, TORT INCLUDING NEGLIGENCE (WHETHER SOLE OR CONCURRENT), PROFESSIONAL ERRORS OR OMISSIONS, BREACH OF WARRANTY (EXPRESS OR IMPLIED), NEGLIGENT MISREPRESENTATION, AND STRICT LIABILITY, OR OTHERWISE ARISING OUT OF, CONNECTED WITH, OR RESULTING FROM THE SERVICES PROVIDED PURSUANT TO THIS AGREEMENT SHALL NOT EXCEED THE TOTAL FEES PAID BY CLIENT OR FIFTY THOUSAND DOLLARS, WHICHEVER IS GREATER. CLIENT AGREES THAT PAYMENT OF THE LIMIT OF LIABILITY AMOUNT IS THE SOLE REMEDY TO THE EXCLUSION OF ALL OTHER REMEDIES AVAILABLE FOR THE TOTAL CUMULATIVE LIABILITY OF CONSULTANT, ITS AGENTS, EMPLOYEES, AND SUBCONTRACTORS ARISING OUT OF, CONNECTED WITH OR RESULTING FROM THE SERVICES PROVIDED PURSUANT TO THIS AGREEMENT. AT ADDITIONAL COST, CLIENT MAY OBTAIN A HIGHER LIMIT OF LIABILITY PRIOR TO COMMENCEMENT OF SERVICES. THE ADDITIONAL COST IS COMPENSATION TO CONSULTANT FOR INCREASING THE CONSULTANT'S LIMIT OF LIABILITY. THE ADDITIONAL COST IS NOT AN INSURANCE COST. THE HIGHER LIMIT OF LIABILITY APPLIES ONLY IF MUTUALLY AGREED TO IN WRITING BY CONSULTANT AND CLIENT AT THE TIME CLIENT ACCEPTS THIS AGREEMENT FOR SERVICES AND THE ADDITIONAL COST PAID WITHIN SEVEN DAYS OF THE DATE OF THE MUTUAL AGREEMENT TO INCREASE THE LIMIT OF LIABILITY. CLIENT MAY AT THE TIME OF EXECUTION OF THIS AGREEMENT ELECT TO INCREASE THE LIMIT OF LIABILITY AMOUNT TO FIVE HUNDRED THOUSAND DOLLARS UPON THE PAYMENT OF FIVE HUNDRED DOLLARS OR TO ONE MILLION DOLLARS UPON THE PAYMENT OF ONE THOUSAND DOLLARS IN ADDITIONAL COST AS CONSIDERATION FOR THE HIGHER LIMIT OF LIABILITY. CONSULTANT'S CONSIDERATION TO CLIENT FOR THIS LIMIT OF LIABILITY IS SPECIFICALLY REFLECTED IN CONSULTANT'S FEES FOR SERVICES UNDER THIS AGREEMENT AS SUCH FEES ARE LESS THAN CONSULTANT WOULD BE PAID FOR SERVICES UNDER THIS AGREEMENT WITHOUT A LIMITATION OF LIABILITY. CLIENT MUST ELECT THE HIGHER LIMIT OF LIABILITY BY CHECKING AND INITIALING BELOW:**

I HEREBY AGREE TO PAY \$500.00 TO INCREASE THE LIMIT OF LIABILITY TO \$ 500,000. _____ (INITIAL)

I HEREBY AGREE TO PAY \$1000.00 TO INCREASE THE LIMIT OF LIABILITY TO \$ 1,000,000 _____ (INITIAL)

CLIENT IS CAUTIONED THAT THIS IS A LIMITED LIABILITY AGREEMENT LIMITING THE LIABILITY OF CONSULTANT; THEREFORE, CLIENT IS ADVISED TO CAREFULLY REVIEW CLIENT'S RISKS OF LIABILITY RELATED TO THIS CONTRACT AND ADDRESS SUCH RISKS THROUGH CLIENT'S INSURANCE OR OTHER MEANS.

6. **DISCLAIMER OF CONSEQUENTIAL DAMAGES:** In no event shall Consultant or Client be liable to the other for any special, indirect, incidental or consequential loss or damages, including, but not limited to, lost profits and loss of use arising from or related to Services provided by Consultant.
7. **REPORTS:** In connection with the performance of the Services, Consultant shall deliver to Client one or more reports or other written documents reflecting Services provided and the results of such Services. All reports and written documents delivered to Client are instruments reflecting the Services provided by Consultant pursuant to this Agreement and are made available for Client's use subject to the limitations of this Agreement. Instruments of Service provided by Consultant to Client pursuant to this Agreement are provided for the exclusive use of Client, and Client's agents and employees for the Project and are not to be used or relied upon by third parties or in connection with other projects. Subject to the authorized use of Client, and Client's agents, and employees, all Instruments of Service, other written documents, all original data gathered by Consultant and work papers produced by Consultant in the performance of or intrinsic to the Services included in the Services are, and shall remain, the sole and exclusive property of Consultant. Unless a shorter period is stated in the Instrument of Service, all Instruments of Service provided pursuant to this Agreement will be valid for a period of three years from the date of this Agreement after which the Instruments of Service are void and can no longer be used or relied upon by anyone for any purpose whatsoever. The period for which an Instrument of Service is valid may be extended by mutual written consent of the Consultant and Client.

Documents that may be relied upon by Client are limited to the printed copies (also known as hardcopies) that are signed or sealed by Consultant. Files in electronic media format of text, data, graphics or of other types that are furnished by Consultant to Client are only for the convenience of Consultant and Client. Any conclusion or information obtained or derived from such electronic files will be at the Client's or other user's sole risk. Data stored in electronic format can deteriorate or be modified inadvertently or otherwise. Consultant shall not be responsible to maintain documents stored in electronic media. When transferring documents in electronic media format, Consultant makes no representations as to long-term compatibility, usability, or readability of documents resulting from the use of software application packages, operating systems, or computer hardware differing from those used by Consultant.

Consultant shall not be responsible for any alterations, modifications, or additions made in the electronic data by the Client or any reuse of the electronic data by the Client or any other party for this project or any other project without Consultant's written consent. Client shall indemnify, and hold Consultant harmless against any claims, damages or losses arising out of the reuse of the electronic data without Consultant's consent or arising out of alterations, modifications, or additions to the electronic data made by anyone other than Consultant.

Any Instruments of Service, including reports, generated as part of this Agreement are intended solely for use by Client and shall not be provided to any other person or entity without Consultant's written authorization. To the fullest extent permitted by law, Client shall indemnify and hold harmless Consultant from and against any action or claim brought by any person or entity claiming to rely on the information or opinions contained in the Instrument of Service without Consultant's written authorization.

8. **SAFETY:** Consultant will maintain a safety program for its employees. Consultant specifically disclaims any authority or responsibility for general job safety and for the safety of persons who are not employed by Consultant. Should Client, or third parties, be conducting activities on the Site, then each shall have responsibility for their own safety and compliance with applicable safety requirements.

Field Personnel: The presence of Consultant's field personnel, either full-time or part-time, may be for the purpose of providing project administration, assessment, observation or field testing of specific aspects of the project as authorized by Client. Should Client retain the Services of a Contractor(s) for the project, Consultant is not responsible in any way whatsoever for the supervision or direction of the work of the Contractor(s), its' employees or agents. The presence of Consultant's field personnel for project administration, assessment, observation or testing shall not relieve the Contractor(s) of his responsibility for performing work in accordance with the project plans and specifications.

If a Contractor (not a subcontractor of Consultant) is involved in the project, Client agrees, in accordance with generally accepted construction practices, that the Contractor will be solely responsible for working conditions on the jobsite, including safety of all persons and property during performance of the work, and compliance with OSHA regulations. These requirements will apply continuously and will not be limited to normal working hours. It is agreed that Consultant will not be responsible for job or jobsite safety on the project, other than for Consultant's employees and subcontractors, and that Consultant does not have the duty or right to stop the work of the Contractor.

9. **CONFIDENTIALITY:** Subject to any obligation Consultant may have under applicable law or regulation, Consultant will endeavor to release information relating to the Services only to its employees and subcontractors in the performance of the Services, to Client's authorized representative(s) and to persons designated by the authorized representative to receive such information.

10. **SAMPLES:** Unless otherwise requested, test specimens or samples will be disposed of immediately upon completion of tests and analysis. Upon written request, Consultant will retain samples for a mutually acceptable storage charge and period of time. In the event that samples contain or may contain hazardous materials, Consultant shall, after completion of testing and at Client's expense, return such samples to Client or make samples available for disposal by Client's agent. Client recognizes and agrees that Consultant is acting as a bailee and at no time assumes title to said samples.
11. **INVENTIONS:** Any and all inventions or discoveries relating to the Services, including improvements and modifications to existing products or processes made or conceived by Consultant or its employees during the term of this Agreement are and shall remain the sole and exclusive property of Consultant.
12. **REPRESENTATIONS OF CLIENT:** Client warrants and covenants that sufficient funds are available or will be available upon receipt of Consultant's invoice to make payment in full for the Services rendered by Consultant. Client warrants that all information provided to Consultant regarding the project and project location are complete and accurate to the best of Client's knowledge.
13. **CLIENT OBLIGATIONS:** Client agrees to furnish Consultant, its agents, employees, and subcontractors a right-of-entry and any authorizations needed for Consultant to enter onto the project site to perform the Services included in this Agreement. Consultant will take reasonable precautions to minimize damage to the Project Site from Consultant's activities and use of equipment. Client recognizes that the performance of the Services included in this Agreement may cause alteration or damage to the site. Client accepts the fact that this is inherent in the work and will not look to Consultant for reimbursement or hold Consultant liable or responsible for any such alteration or damage. Should Client not be owner of the property, then Client agrees to notify the owner of the aforementioned possibility of unavoidable alteration and damage and to indemnify, and hold harmless Consultant against any claims and claims related costs including attorney's fees by the owner or persons having possession of the site through the owner which are related to such alteration or damage.
14. **UTILITIES:** Client agrees to disclose the identity of all utilities serving the Project Site and the presence and accurate location of hidden or obscure man-made objects known to Client relative to field tests or boring locations. Client agrees to indemnify and hold harmless Consultant from all claims, suits, losses, personal injuries, death, and property liability including costs and attorney's fees resulting from damage or injury to utilities or subterranean structures (pipes, tanks, etc.) arising from the performance of Consultant's Services when the existence of such are not called to Consultant's attention or the location not correctly identified in information furnished Consultant.
15. **CERTIFICATIONS:** Client agrees not to require that Consultant execute any certification with regard to work performed, tested or observed under this Agreement unless : 1) Consultant believes that it has performed sufficient work to provide a sufficient basis to issue the certification; 2) Consultant believes that the work performed, tested or observed meets the criteria of the certification; and 3) Consultant has reviewed and approved in writing the exact form of such certification prior to execution of this Agreement. Any certification by Consultant is limited to an expression of professional opinion based upon the Services performed by the Consultant, and does not constitute a warranty or guarantee, either expressed or implied.
16. **FAILURE TO FOLLOW RECOMMENDATIONS:** The Client agrees that it would be unfair to hold the Consultant liable for problems that may occur if the Consultant's recommendations are not followed. Accordingly, the Client waives any claim against the Consultant, and agrees to indemnify, and hold harmless the Consultant from any claim or liability for injury or loss that results from failure to implement the Consultant's recommendations or from implementation of the Consultant's recommendations in a manner that is not in strict accordance with them.
17. **TERMINATION:**

For Convenience - Upon written notice, Client or Consultant may terminate the performance of any further Services included in this Agreement if the terminating party determines termination is in the terminating party's interest. Upon dispatch or receipt of the termination notice, Consultant shall stop work on all Services included in this Agreement and deliver any Instruments of Service complete at that time to Client and Client shall pay Consultant within 30 days for all Services performed up to the dispatch or receipt of the termination notice. Upon Termination for Convenience, Consultant and Client shall have no further rights or remedies other than those included in this paragraph.

For Cause -In the event of material breach of this Agreement, the party not breaching the Agreement may terminate it upon 10 days written notice delivered or mailed to the other party, which notice must identify the material breach. The Agreement may not be terminated for cause if the breaching party cures the breach within ten days of receipt of the written notice. Upon Termination for Cause, Consultant shall stop work on all Services included in this Agreement and deliver any instruments of service complete at that time to Client and Client shall pay Consultant within 30 days for all Services performed up to the termination. Upon Termination for Cause, Consultant and Client shall have no further rights or remedies other than those included in this paragraph.

18. **UNFORESEEN CONDITIONS OR OCCURRENCES:** If, during the performance of service hereunder, any unforeseen hazardous substance, material, element or constituent or other unforeseen conditions or occurrences are encountered which, in Consultant's judgment significantly affects or may affect the services, the risk involved in providing the Services, or the recommended scope of Services, Consultant will notify Client thereof. Subsequent to that notification, Consultant may: (a) If practicable, in Consultant's judgment and with approval of Client, complete the original scope of Services in accordance with the procedures originally intended in the Proposal; (b) Agree with Client to modify the scope of Services and the estimate of charges to include the previously unforeseen conditions or occurrences, such revision to be in writing and signed by the parties and incorporated herein; or (c) Terminate the Services effective on the date of notification pursuant to the terms of **TERMINATION FOR CONVENIENCE**. Client is responsible for reporting any releases of hazardous substances to appropriate government agencies as required by law. Client waives any claim against Consultant and will indemnify and hold Consultant harmless from any claim, injury or loss arising from the discovery of unforeseen hazardous substances.
19. **FORCE MAJEURE:** Neither party shall be deemed in default of this Agreement to the extent that any delay or failure in the performance of an obligation (other than the payment of money) results from any causes beyond its reasonable control and without its fault or negligence. For this purpose, such acts or events shall include, but are not limited to, storms, floods, unusually severe weather, epidemics, civil disturbances, war, riot, strikes, lockouts or other industrial disturbances, and inability within reasonable diligence to supply personnel, information or material to the project. In the event that such acts or events occur, it is agreed that both parties shall attempt to overcome all difficulties arising and to resume as soon as reasonably possible the normal pursuit and schedule of the Services covered by this Agreement. The time for performance shall be extended for a period equal to the delay.
20. **INSURANCE:** Consultant shall maintain at its own expense the following insurance subject to normal industry exclusions: (1) Worker's Compensation Insurance and Employer's Liability Insurance. (2) Commercial Automobile Liability Insurance with limits of \$1,000,000.00. (3) Commercial General Liability Insurance with limits of \$1,000,000.00. (4) Professional Liability Insurance. Certificates can be issued upon request identifying details and limits of coverage.
21. **INDEMNITY:** Client agrees to indemnify, and save harmless Consultant, its agents, employees, and subcontractors from and against any and all losses, liabilities, and costs and expenses of every kind (including cost of defense, investigation, settlement, and reasonable attorney's fees), which Consultant, its agents, employees, and subcontractors may incur, become responsible for, or pay out as a result of bodily injuries (including death) to any person, damage to any property, or both, to the extent caused by Client's negligence or willful misconduct.
- Subject to the Limitation of Liability in Article 5, Consultant agrees to indemnify, and save harmless Client from and against any and all losses, liabilities, and costs and expenses of every kind (including cost of defense, investigation, settlement, and reasonable attorney's fees) which Client may incur, become responsible for, or pay out as a result of bodily injuries (including death) to any person, damage to any property, or both, to the extent caused by Consultant's negligence or willful misconduct.
- Subject to the Limitation of Liability in Article 5, Client and Consultant shall, in the event of liability arising out of their joint negligence or willful misconduct indemnify, and save harmless each other in proportion to their relative degree of fault.
22. **DISPUTE RESOLUTION:** Consultant may in Consultant's sole discretion pursue collection of past due invoices by litigation in a court of competent jurisdiction. Other than Consultant's collection of past due invoices, in the event of a dispute between Consultant and Client with regard to any matter arising out of or related to this Agreement, the Parties will use their best efforts to resolve the dispute amicably within fifteen (15) calendar days. If the dispute cannot be settled amicably, the Parties agree that the dispute shall be subject to mediation in accordance with the mediation rules of the American Arbitration Association or similar Dispute Resolution organization. Mediation in good faith shall be a condition precedent to the institution of legal or equitable proceedings by either party. Once a party files a request for mediation with the other party and with the American Arbitration Association, or similar Dispute Resolution organization, the parties agree to commence such mediation within thirty (30) days of the filing of the request. The costs of such mediation shall be borne equally by both parties. If the dispute is not resolved after such mediation, then the dispute shall be resolved by litigation in a court of competent jurisdiction.
23. **CAPTIONS AND HEADINGS:** The captions and headings throughout this Agreement are for convenience and reference only, and the words contained therein shall in no way be held or deemed to define, limit, describe, modify, or add to the interpretation, construction, or meaning of any provision of or scope or intent of this Agreement.
24. **SEVERABILITY:** If any provision of this Agreement, or application thereof to any person or circumstance, shall to any extent be invalid, then such provision shall be modified if possible, to fulfill the intent of the parties as reflected in the original provision, the remainder of this Agreement, or the application of such provision to persons or circumstances other than those as to which it is held invalid, shall not be affected thereby, and each provision of this Agreement shall be valid and enforced to the fullest extent permitted by law.
25. **ASSIGNMENT AND SUBCONTRACTS:** Neither party may assign this Agreement, in whole or in part, without the prior written consent of the other party, except for an assignment of proceeds for financing purposes. Consultant may subcontract for the Services of others without obtaining Client's consent if Consultant deems it necessary or desirable to have others perform Services.

26. **NO WAIVER:** No waiver by either party of any default by the other party in the performance of any provision of this Agreement shall operate as or be construed as a waiver of any future default, whether like or different in character.

27. **LAW TO APPLY:** The validity, interpretation, and performance of this Agreement shall be governed by and construed in accordance with the laws of the state in which the project is located.

CONSULTANT HEREBY ADVISES CLIENT THAT ITS PERFORMANCE OF THIS AGREEMENT IS EXPRESSLY CONDITIONED ON CLIENT'S ASSENT TO THE TERMS AND CONDITIONS DETAILED HEREIN.

ENTIRE AGREEMENT – This Agreement represents the entire understanding and agreement between the parties hereto relating to the Services and supersedes any and all prior negotiations, discussions, and Agreements, whether written or oral, between the parties regarding same.

TO THE EXTENT that any additional or different Provisions conflict with the Provisions of this Agreement, the Provisions of this Agreement shall govern. No amendment or modification to this Agreement or any waiver of any provisions hereof shall be effective unless in writing, signed by both parties.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed by their duly authorized representative.

CLIENT: Alliance Consulting Engineers, Inc.

S&ME, Inc.

BY:  _____
(Signature)

BY:  _____
(Signature)

Depa Elsharawy, P.E.

(Print Name / Title)

Marty Baltzegar, P.E./Branch Manager

(Print Name / Title)

DATE: 7/6/05 _____

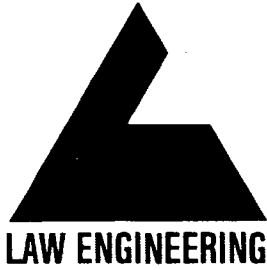
DATE: 6/28/05 _____

PROPOSAL NUMBER: 1614-4107-05 _____

Client's FAXED or DIGITAL signature to be treated as original signature.

APPENDIX G

CLIENT PROVIDED INFORMATION



LAW ENGINEERING

*REPORT OF PRELIMINARY ENVIRONMENTAL
SITE ASSESSMENT
PROPOSED 200 ACRE INDUSTRIAL PARK
EAST OF 501 BYPASS
MARION, SOUTH CAROLINA
LAW ENGINEERING PROJECT NO. COE-9-3613*

December 12, 1989



GEOTECHNICAL, ENVIRONMENTAL
& CONSTRUCTION MATERIALS
CONSULTANTS

Pee Dee Electric Cooperative
Post Office Box 491
Darlington, South Carolina 29532

Attention: Mr. Robert W. Williams, Jr.
Executive Vice President and
General Manager

Subject: Report of Preliminary Environmental
Site Assessment
Proposed 200 Acre Industrial Park
East of 501 Bypass
Marion, South Carolina
Law Engineering Project No. COE-9-3613

Gentlemen:

As authorized by your acceptance of Law Engineering's Proposal Number 3986M9 dated November 16, 1989, Law Engineering is pleased to submit this report of our preliminary environmental site assessment for the subject site. The purpose of our services as described in the attached report was to review the subject site for evidence of environmental contamination caused by past on-site or nearby off-site waste-management activities.

This report is intended only for the use of Pee Dee Electric Cooperative and their lender. The contents should not be relied upon by any other parties without the express written consent of Law Engineering, Inc. The findings are relevant to the dates of our site work and should not be relied upon to represent site conditions on other dates.

We appreciate the opportunity to provide our environmental related services on this project. Please contact us if any questions arise or if we may be of further service.

Sincerely,

LAW ENGINEERING, INC.

W. Craig Helms
W. Craig Helms, P.E.
Environmental Services Manager

Joseph P. Klein, III
Joseph P. Klein, III, P.E.
Branch Manager
Assistant Vice President

WCH/JPK:vjh

720 GRACERN ROAD • SUITE 132
POST OFFICE BOX 21879
COLUMBIA, SOUTH CAROLINA 29221
803-798-1200

INTRODUCTION

This report presents the findings of the preliminary environmental site assessment recently performed at the subject site. The conduct of the work was substantially as outlined in our Proposal Number 3986M9. Field work was completed on December 6, 1989.

The opinions included herein are based on the information obtained during the study and our experience. This report is based on limited observations made on the dates noted and using the procedures described herein, which may or may not be adequate to answer specific questions. If additional information becomes available, we request the opportunity to review the information, reassess the potential environmental concerns and modify our conclusions and recommendations, if appropriate.

BACKGROUND

The general location of the site is shown on Drawing COE-9-3613 in the Appendix. The site consists of approximately 200 acres of land currently being farmed and logged. The site is bounded by South Carolina Highway 34-41 to the south, the new U.S. Highway 501 Bypass to the west, and a swamp and creek to the east and north.

Pee Dee Electric Cooperative intends to develop the property into an industrial park.

SCOPE OF SERVICES

At the request of Pee Dee Electric Cooperative, Law Engineering, proposed to perform a preliminary environmental site assessment of the subject site. The scope of services included the following:

1. A site reconnaissance to look for surface indications of past and present waste-handling, or storage activities.
2. Inquiries with selected local, state and federal environmental regulatory agencies for records or comments that would help us determine whether there are past or present environmental concerns at the site, or if adjacent land use has the potential to have an environmental impact on the subject site.
3. Review of selected, available background and historical information such as aerial photographs, topographic maps and previous geotechnical reports.
4. Review of the furnished history of ownership of the site for consideration of past and present operational practices.



5. A vehicular reconnaissance of selected areas around the site to verify the locations of listed solid-waste and hazardous waste facilities, and to help determine if nearby land use has a visible, apparent, potential to have an environmental impact on the subject site.
6. Preparation of a written report summarizing our observations, findings and conclusions and if indicated, recommendations for additional assessment work.

PRELIMINARY ENVIRONMENTAL SITE ASSESSMENT

Procedures

An on-site reconnaissance walkover was conducted on December 6, 1989 by Mr. Craig Helms of Law Engineering, who observed the general surface drainage of the subject site and the approximate boundary locations.

In addition to the on-site survey, a vehicular reconnaissance (drive-by) was made of accessible adjoining property. The purpose of the drive-by was to attempt to identify sources of pollutants that might impact the subject site.

A brief site history review was conducted by utilizing the following information: U.S.G.S. Topographic Maps (Mullins Quad) dated 1946 and photorevised in 1981; and U.S. Environmental Protection Agency County RCRA, CERCLA and Facility Index Lists; and the list of the current South Carolina NPDES permits.

Visual Survey Results

Visual survey results are summarized below. Photographs of the general site conditions are included in the Appendix.

The subject site drains to Smith Swamp to the north, east and south directly and through a series of drainage ditches. Site slopes are very gentle.

The site is wooded along the swamp and several other places as illustrated by photographs 2,3,4,7 and 9. Logging activities are currently underway as illustrated in photograph 10. Access to the site is from South Carolina Highway 34-41 and South Carolina Highway 34-331.

The site contained several areas of rubbish and rubble piles as illustrated in photographs 11,12, and 13. A 55 gallon barrel was found floating in a pond in the northern portion of the site as illustrated in photograph 14.

An active population of beavers are present near the swamp and drainage ditches as evidenced by the debarked trees as illustrated in photographs 15 and 16.



Site History Review

The chain-of-title for the subject site was furnished to us by Mr. Thomas E. Smith, Jr., of Smith/Floyd Attorneys at Law and did not indicate any ownership by known generators of hazardous waste.

A review of the topographic maps listed above indicate that several small structures existed on the site in 1946.

Surrounding Land Use

The current use of the surrounding property was assessed, based primarily on visual observations made from a vehicular reconnaissance and by reviewing the following: reported nearby hazardous waste facilities¹; reported nearby solid waste facilities², and reported NPDES permits³. Previous surrounding land use was based on review of the U.S.G.S. Topographic Maps and aerial photographs.

Based on the Topographic Maps and Aerial Photographs, the surrounding land use is agricultural and commercial and residential with some scattered industrial development along U.S. Highway 76.

The vehicular reconnaissance was performed near the subject site along the following roads: South Carolina Highway 34-331, South Carolina Highway 34-41, and U.S. Highway 76.

The following surrounding properties that may have waste handling activities or observed potential waste handling activities were identified during the reconnaissance:

<u>Designation</u>	<u>Building/Property</u>
1	Vocational School
2	Airport
7,8,9	Auto Repair
3	Prison Camp
4	SCDHPT Office
5	Saw Mill
6	Feed and Seed Store

¹ South Carolina Department of Health and Environmental Control (DHEC); Alpha Order of Hazardous Waste Facilities including Reported Small Generators; Report dated March 9, 1988.

² South Carolina DHEC; List of Solid Waste Facilities; Reported Dated February 26, 1988.

³ South Carolina DHEC; Alpha Order of NPDES Permits; Report dated May 11, 1989.

These sites were observed for waste management activities. No sites had apparent visible waste management activities. The sites are indicated on Drawing Number COE-9-3613.

Airports and SCDHPT offices typically have underground storage tanks. Auto repair facilities and vocational schools typically have waste oil byproducts. Prison Camps typically use paint, oil and solvents during work. Feed and Seed stores typically store fertilizers and pesticides. Saw mills may house hazardous materials and oils.

No listed hazardous waste facilities were identified near the site.

A review of public records did not identify any municipal solid-waste landfills near enough the subject site to be an environmental concern.

A review of the EPA National Priorities and CERCLA lists of suspected contamination sites indicated no facilities were near the site.

ENVIRONMENTAL CONCERNS

Based on the assessment procedures described herein, no on-site potential environmental concerns were identified other than the 55 gallon barrel.

Based on the assessment procedures described herein, the following off-site potential environmental concerns were identified:

- Vocational School
- Airport
- Auto Repair
- Prison Camps
- SCDHPT Office
- Saw Mill
- Feed and Seed Store

CONCLUSIONS

The 55 gallon barrel found on site was empty and there was no sheen on the water around the barrel.

All of the off-site concerns listed above lie within the same watershed as the subject site. In this hydrogeologic setting, shallow groundwater movement typically follows surface topography.

Location numbers 1 through 6 are across Smith Swamp from the subject site. Shallow groundwater from these sites should not cross the swamp onto the subject site. Locations 7,8 and 9



are across drainage ditches and intermediate streams from the subject site.

We have no information that leaks or spillage has occurred at these off-site locations.

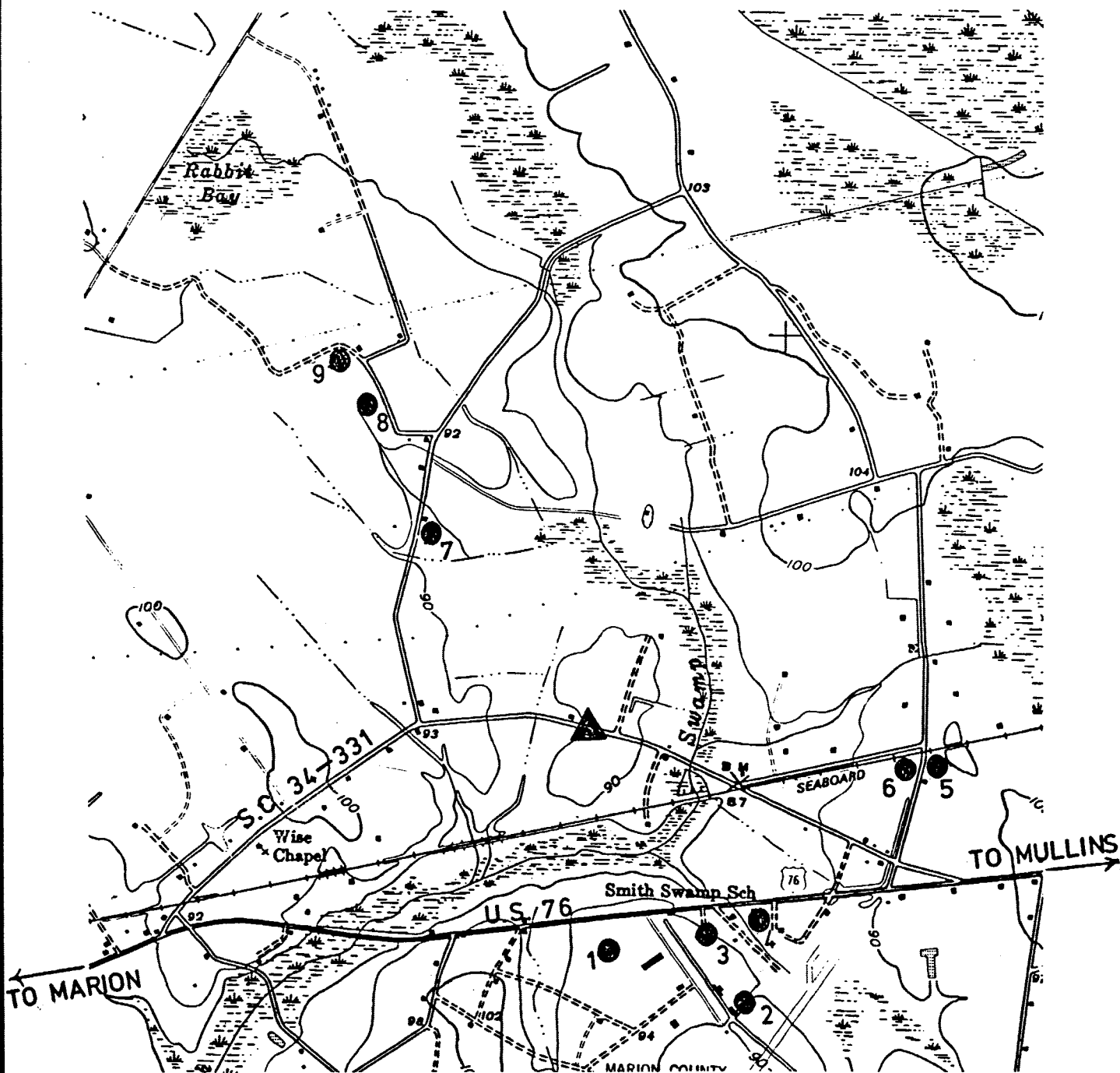
RECOMMENDATIONS

The site appears to have been previously undeveloped other than for agricultural purposes. There is no firm evidence to suggest contamination has occurred from on-site or off-site sources.

Based on the current findings and our interpretation of drainage flow patterns, there is no compelling technical evidence to mandate further assessment of environmental concerns.

APPENDIX

SITE VICINITY MAP



- ▲ - SITE
- - IDENTIFIED NEARBY PROPERTY



LAW ENGINEERING, INC.
COLUMBIA, SOUTH CAROLINA

200 ACRE INDUSTRIAL SITE
EAST OF 501 BYPASS
MARION, SOUTH CAROLINA

PEE DEE ELECTRIC COOPERATIVE
DARLINGTON, SOUTH CAROLINA

DWN. BY	WCH	12/89
CKD. BY	JPK	12/89
APPR'D.		

SCALE: 1" = 2,000'
DRAWING NO.
COE-9-3613



Photograph 1

Western Property Line Along
U.S. Highway 501 Bypass

Photograph 2

Northern Property Line In
Smith Swamp





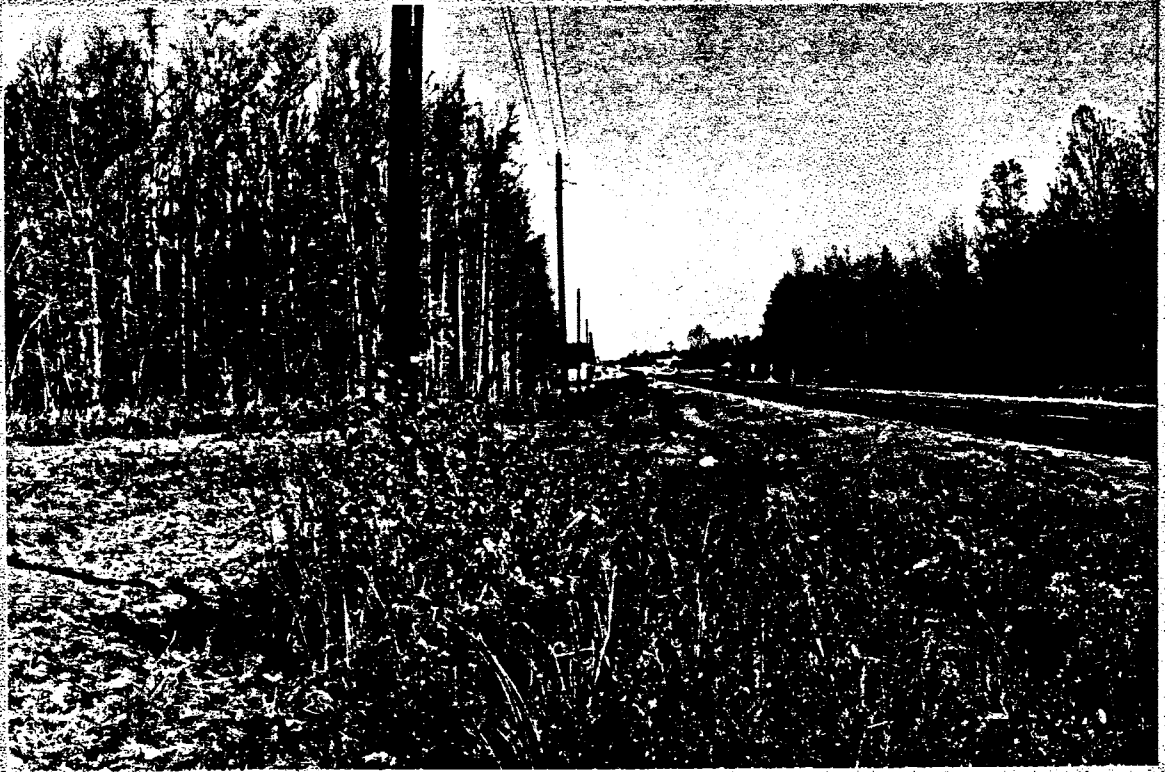
Photograph 3

Eastern Property Line Along
Smith Swamp

Photograph 4

Eastern Property Line in
Smith Swamp Near S.C.
Hwy 34-331





Photograph 5

Southern Property Line Along
S.C. Highway 34-41 Looking
East

Photograph 6

Southern Property Line Along
S.C. Highway 34-41 Looking
West.



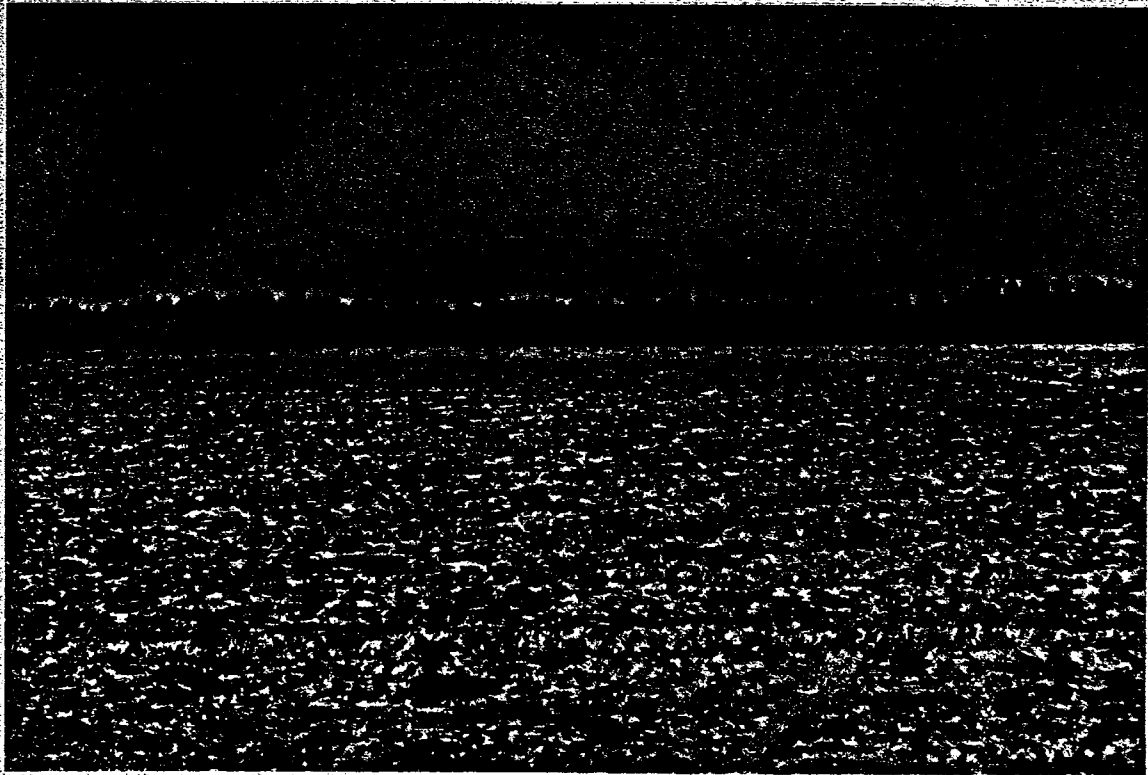


Photograph 7

S.C. Highway 34-331 On-Site
Looking West

Photograph 8

Agricultural Field Near
Center of Site





Photograph 9

Typical Wooded Section
Near Smith Swamp

Photograph 10

Wooded Section Being Logged
Near Western Property Line





Photograph 11

Concrete Rubble On Site
Near Smith Swamp

Photograph 12

Remnants of Burned Slab-
On-Grade Structure





Photograph 13

Furniture Dumping On-Site

Photograph 14

Empty 55 Gallon Barrel
Floating on The Pond Near
Northern Property Line





Photograph 15

Beaver Activity Near
Northern Drainage Ditch

Photograph 16

Beaver Activity Near
Northern Drainage Ditch



APPENDIX F
SENIOR PROJECT MANAGER'S RESUME

James W. Frost, II, P.E.
Senior Project Manager

Registrations

Registered Professional Engineer
South Carolina Registration No. 21613

Professional Affiliations

American Society of Civil Engineers (ASCE)
National Society of Professional Engineers (NSPE)

Education

Bachelor of Science in Civil Engineering, 1997
University of South Carolina
Columbia, South Carolina

Awards and Honors

Chi Epsilon National Civil Engineering Honor Society, Member

Experience and Related Projects

July 2004 - Present
Alliance Consulting Engineers, Inc.
Columbia, South Carolina

Serves as Project Manager with responsibilities that include planning and design of site engineering for industrial parks, subdivisions, and commercial developments, which includes water, wastewater, grading, storm drainage, roadway, retention, and sediment pond design from inception through construction. Other responsibilities include producing engineering reports, preparing cost estimates and applying for and obtaining the appropriate variances, permits, easements, etc. for construction and operation of all aspects of site development.

Site Development

Hess Gas Station, Lexington, SC – Project Engineer for Hess Gas Station in Lexington, South Carolina. Work involved site civil design for the less than 2 - acre site, which included, building, parking lot and site feature layout, grading and drainage design, utility design, and permitting per SCDHEC and SCDOT requirements.

Horry County Judicial and Government Complex, Conway, SC – Assistant Project Engineer for the Horry County Judicial and Government Complex in Conway, SC. Provided assistance for building and parking lot layout in an effort to maximize parking and assisted in the storm water and sediment and erosion control design in an effort to comply with local and federal regulations as they pertain to the Clean Water Act. Work included detention pond design and NPDES permitting.

Prototype Urban Elementary Schools, Richland County School District #1, Columbia, South Carolina – Burton-Pack (80,500 S.F. – 700 Students), Carver-Lyon (76,000 S.F. – 500 Students) and Watkins-Nance (80,500 S.F. – 700 Students). Work included site development, which encompassed site layout, grading, drainage, sediment and erosion control and site utilities.

19th Air Support Operations Squadron, Fort Campbell, Kentucky – Project Engineer for 19th Air Support Operations Squadron in Fort Campbell, Kentucky. Work involved the site civil design for the 8-acre site, which included building and parking lot layout in accordance with force protection requirements, grading and drainage design including sediment and erosion control, detention pond design, design of fire and domestic water, sanitary sewer and gas utilities. The project also included heavy and light duty pavement design and obtaining all required permits for land disturbance and utility construction. Similar projects of the same magnitude included:

18th Air Support Operations Group, Pope Airforce Base, North Carolina – 3 ½-acre site

17th Air Support Operations Squadron, Fort Benning, Georgia – 6-acre site which included a sanitary sewer lift station design

15th Air Support Operations Squadron in Fort Stewart, Georgia – 7-acre site which included roadway design

Squadron Operations Facility in Moody Airforce Base, Georgia – 3-acre site

Central Energy Facility, Fort Jackson, South Carolina – Assistant Project Engineer for Fort Jackson Central Energy Facility in Fort Jackson, South Carolina. Project included the design of approximately 10 miles of hot/chilled water lines to feed miscellaneous buildings spread throughout the base. The hot/chilled water lines were designed to run in a concrete channel below grade with removable concrete panels on top. As a way of enhancing the appearance of the base the channels were laid out in a manner to be used as sidewalks for on post pedestrian traffic.

Depot Plant Services Facility, Warner Robins Airforce Base, Georgia – Project Engineer for Depot Plant Services Facility in Warner Robins Airforce Base, Georgia. Work involved the site civil design for the eight-acre site which included building and parking lot layout in accordance with force protection requirements, grading and drainage design including sediment and erosion control, design of fire and domestic water, sanitary sewer, industrial waste and gas utilities. Industrial waste design included a duplex lift station and approximately one-mile of force main. The project also included heavy and light duty pavement design and obtaining all required permits for land disturbance and utility construction.

Force Protection Plan, Fort Bragg, North Carolina – Project Manager of Fort Bragg Force Protection Plan for Fort Bragg, North Carolina. Work involved the planning, design and implementation of a force protection plan during a DELTA scenario for Fort Bragg. Work included design of seven guard shack to be placed at high traffic entrances onto the post. Daily traffic studies were completed to identify areas of high traffic. A plan was designed including, barriers, bollards, landscaping, etc. in an effort to check vehicles prior to entering the post and prevent vehicles from entering undesired locations during a time in which America is under attack or at war. Tasks included strategic layout of guard shacks, roadway widening and design, stormwater and erosion control, utility design and relocation and traffic planning.

Ammo Holding Facility, Fort Benning, Georgia – Project Manager of Fort Benning Ammo Holding Facility in Fort Benning, Georgia. Work involved the management and civil site design of a 5,000 square foot structure to house ammunition. Site design included building and parking lot layout in accordance with force protection requirements, grading and drainage design including sediment and erosion control, detention pond design, design of fire and domestic water, sanitary sewer and electrical utilities. The project also included the design of heavy-duty concrete to support fully loaded army tanks and obtaining all required permits for land disturbance and utility construction.

Renovation of the South Carolina State House, Columbia, South Carolina – Assistant Engineer for Renovation of the South Carolina State House. Work involved site civil design, which included design of new utility systems and analyzing the condition and capability of reusing existing utility systems, site layout and landscaping.

Mathew J. Perry Courthouse and Parking Garage, Columbia, South Carolina – Assistant Engineer for Matthew J. Perry Courthouse and Parking Garage in Columbia, South Carolina. Work involved site civil design, which included layout, grading and drainage in accordance with city, state and federal regulations, utility design and contract administration.

River Banks Zoo Expansion, Columbia, South Carolina – Assistant Engineer for River Banks Zoo Expansion in Columbia, South Carolina. The expansion included the design of a new bird aviary, an African exhibit and a gorilla exhibit. The design included layout, grading, drainage and utilities, which were to be constructed and installed during full operation of the zoo. Tasks included phasing of project development as to not interrupt the everyday operations of the zoo and endanger any of the zoo's habitats.

University of South Carolina 'Colonial Center' Arena, Columbia, South Carolina – Project Engineer for the University of South Carolina Arena in Columbia, South Carolina. Work involved an early site development package and a final site development package for the 60 million-dollar arena. Early site development included site investigation and review of the geotechnical report as it pertained to site development, grading design to prepare for on grade seating (approximately half of the lower bowl seating), drainage and sediment erosion control to comply with SCDHEC NPDES permitting and the Clean Water Act, a ground water collection system, upgrading and relocating existing utilities, as well as, utility design for the new arena. The project scope also included Contract Administration and inspection during all site construction activities, which included, Dynamic Deep Compaction, unsuitable soil removal, embankment fill, storm drainage construction, utility construction and paving.

Solid Waste Management

Continuous Cell Industrial Solid Waste Landfill – Project Engineer and onsite Quality Assurance Officer for an industrial solid waste landfill for construction of continuous cell in Rosemount, Minnesota. Work involved quality assurance and inspection of embankment fill, installation of a three – feet thick clay liner to achieve a design permeability, installation of HDPE liners, installation of leachate removal system and compilation of certifying report.

RCRA Subtitle C Landfill Closure – Quality Assurance/Quality Control testing for RCRA Subtitle C landfill closure in Pinewood, South Carolina. Work involved construction materials testing and inspection of cap fill material, clay liner and HDPE liners.

Landfill Groundwater Assessments

Marlboro County Landfill Groundwater Assessment

Geotechnical Design/Construction Materials Testing

Head Start Center, Saluda, South Carolina – Project Engineer for Head Start Center. Performed the subsurface investigation for the 14,000 square foot facility. Provided recommendations for site preparation, fill material and placement, seismic site class in accordance with the International Building Code (IBC), shallow foundations, slab on grade and pavement sections for both light and heavy-duty traffic.

Newberry County Detention Center Addition, Newberry, South Carolina – Project Manager for Newberry County Detention Center Addition. Work included the subsurface investigation for the one storey, 7,000 square foot Detention Center Addition located in Newberry, South Carolina. Provided recommendations for site preparation, fill placement and compaction, shallow foundations, grade slab construction, seismic site class in accordance with IBC and pavement subgrade construction.

USC Norman J. Arnold School of Public Health, Columbia, South Carolina – Project Manager for USC Norman J. Arnold School of Public Health. Work involved the subsurface investigation for a multiple story, multiple building School of Public Health for the University of South Carolina in Columbia, South Carolina. Work included the coordination of approximately 1,400 feet of standard soil test boring, approximately 80 feet of CPT/SCPT and 25 feet of dilatometer readings. Provided recommendations for site preparation, recycling of construction/demolition debris, fill placement and compaction, pipe bedding and backfill, shallow foundations with settlement analysis, grade slab support and construction, lateral earth pressures for retaining walls, and seismic site class in accordance with IBC.

Lexington Country Club, Lexington, South Carolina – Project Manager for the Lexington Country Club – Clubhouse. Performed subsurface investigation for the 15,000 square foot clubhouse located in Lexington, South Carolina. Work included approximately 100 feet of standard soil test boring. Recommendations were provided for site preparation, fill placement and compaction, shallow foundations, lateral earth pressures for retaining walls, slab on grade support and construction, seismic site class in accordance with IBC and pavement subgrade.

First National Bank, Columbia, South Carolina – Project Manager for First National Bank. Managed the construction/materials testing for the First National Bank on Clemson Road in Columbia, South Carolina.

Fairfield 14-Acre Tract, Fairfield County, South Carolina – Project Manager for Fairfield 14 – Acre Tract. Performed preliminary subsurface investigation for the 14–acre industrial park located in Fairfield County, South Carolina. Work included 50 feet of standard soil test boring. Provided preliminary conclusions regarding site development, which included soil stabilization, suitability of on-site soils for use as structural fill, shallow foundation construction feasibility, seismic site class in accordance with IBC and grade slabs and pavement support.

Dave Lyle Boulevard Extension, Rock Hill, South Carolina – Project Manager for SC Route 122, Dave Lyle Boulevard Extension located in York and Lancaster Counties near Rock Hill, South Carolina. Performed preliminary subsurface investigation for approximately 9 miles of new roadway alignment including cut/fill areas up to 60 feet in depth/height and 12 bridges. Work included approximately 3400 feet of soil test borings, 1900 feet of auger borings and 400 feet of rock coring. Supervised up to four rigs on site and compiled all data into the preliminary report. Preliminary analysis and conclusions included, foundation alternatives including deep and shallow foundations (steel H-piles, drilled shafts and spread footings on rock), earthquake design issues, soil characteristics, cut and fill slope stability assessment, retaining wall design parameters, and pavement design analysis.

Interstate 95 and Interstate 26 Service Road, Orangeburg/Dorchester County, South Carolina – Project Manager for I-95/I-26 Service Road located in Orangeburg and Dorchester Counties in South Carolina. The proposed construction is a frontage road with just over 7 miles of new alignment. The project includes a trestle type bridge over Cow Castle Creek and a possible replacement bridge for Duncan Chapel Road over I-95. The subsurface investigation included approximately 450 feet of hand auger borings and 450 feet of soil test borings. 18"x18" prestressed, precast, concrete piles were analyzed for the bridge foundations. Other recommendations and analysis included, seismic site class definition and other related seismic issues including soil liquefaction and surface rupture, preparation of subgrade and embankments, mucking limits, geogrid stabilization, and pavement recommendations for asphalt and concrete pavements.

US 378 Bridges, Lake City, South Carolina – Project Manager for US 378 Bridges located along US 378 in Lake City, South Carolina. The proposed construction included the replacement of two existing box culverts by two flat slab bridges. The subsurface investigation included four soil test borings at each bridge location. A total of 513.5 feet of soil test borings were conducted. 18"x18" prestressed, precast, concrete piles were analyzed for the bridge foundations. Other recommendations and analysis included, seismic site class definition and other related seismic issues including soil liquefaction, surface rupture and lateral spreading, preparation of subgrade and embankments including fill placement recommendations, and mucking limits.

SC 38 and US 501 – Section 8, Marion/Dillon County, South Carolina – Project Manager for SC 38/US 501 – Section 8 located in Marion and Dillon Counties. Project was completed for Construction and Resource Management – East Region and included the subsurface investigation geotechnical engineering analysis of approximately 5.3 miles of roadway widening and new roadway alignment including a four lane bridge with two spans supported by H-piles and drilled shafts. Analysis included performance of old asphalt roads and design of overlays and full pavement sections based on traffic data provided. Deep foundations were designed for the overpass for both the static and seismic conditions. MSE wall parameters were analyzed, as well as, slope stability at the approach embankments. Recommendations included pile driving, drilled shaft construction, MSE wall construction, pavement section construction, fill placement and mucking limits.

US 76 Bridge Replacement over the Lumber River and Swamp, Marion/Horry County, South Carolina – Project Manager for the US 76 Bridge Replacement over the Lumber River and Swamp located in Marion and Horry Counties. Project was completed for Kimley-Horn and Associates and included the subsurface investigation and geotechnical design of approximately 2 miles of roadway remediation, which included the replacement of two flat slab bridges. The proposed bridge over the Lumber River is approximately 825 feet in length with 75-foot spans and the proposed bridge over the swamp is approximately 280 feet with 70-foot spans. Bridge design followed the "SCDOT – Seismic Design Specifications for Highway Bridges, October 2001 with October 2002 Interim Revisions" and the "ASSHTO LRFD Bridge Design Specifications, Second Edition, 1998". Analysis included design of pavement sections based on traffic data provided. Deep foundations were designed for the both bridges, which included steel H-piles at the abutments and drilled shafts at the interior bents. Slope stability was analyzed for the approach embankments. Recommendations included pile driving, shaft construction, abutment wall construction, pavement section construction, fill placement and mucking limits.

American Eagle Wheel Expansion Facility, York County, South Carolina – Project Manager for the American Eagle Wheel Expansion Facility located in York, South Carolina. Responsibilities included performing the subsurface investigation and geotechnical design for the 100,000 S.F. expansion and managing the Construction Materials Testing services throughout the construction sequence. Geotechnical recommendations were provided for shallow foundations, grade slabs, retaining walls and pavement section requirements. During the construction phase of the project a team of two to three field technicians conducted on-site materials testing services that included earthwork compaction testing, concrete sampling and strength testing, structural steel inspection, pavement subgrade and base course inspection and testing and asphalt sampling. As Project Manager I managed all field activities and reviewed all inspection and testing results to assure required construction specifications for the project were met.

Environmental Site Assessments

Senior Reviewer for Phase I Environmental Site Assessments in conjunction with the American Society for Testing and Materials (ASTM) Specifications for Commercial Real Estate on twenty plus Phase I ESA's with previous engineering firm.

Anderson County – 7-acre Williams Property at Anderson Airport Business Industrial Park for Anderson County

Anderson County – 8-acre Williams Property at Anderson Airport Business Industrial Park for Anderson County

Anderson County – Betsy Tucker Industrial Site for Anderson County

Anderson County – Rogers Industrial Site for Anderson County Economic Development

Clarendon County – Former Wells Lamont Facility for the Clarendon County Development Board

Chester County – The L&C Tract “L” Industrial Site for the L&C Development Corporation

Chester County – The Chester Technology Park for Chester County Economic Development

Chester County – L&C Tract ‘O’ Industrial Site for Lancaster and Chester Railway Company

Chester County – Colonel’s Pointe Business Park for Lancaster and Chester Railway Company

Darlington County – Auddie Brown Chevrolet Site for Auddie Brown Chevrolet and Ally Bank

Dillon County – The Dan Rogers Industrial Park for Dillon County, South Carolina

Fairfield County – The Walter B. Brown II Industrial Park for Fairfield County Economic Development

Lee County – The I-20 Industrial Center for Lee County Economic Development Alliance

Lexington County – The Saxe Gotha Industrial Park for Lexington County

Lexington County – The Batesburg-Leesville Industrial Park for Lexington County

Lexington County – Project Rx at the Saxe Gotha Industrial Park for Nephron SC, Inc.

Marion County – The Marion County Industrial Park for Marion County Development Commission

Marion County – The Marion County Industrial Park Renewal for the Marion County Economic Development Commission

Marion County – The St. James AME Church Site for McLain & Lee Attorneys at Law

Orangeburg County – International Industrial Park for Orangeburg County Development Commission

Orangeburg County – Bozard Tract at Orangeburg County/City Industrial Park for the Orangeburg County Development Commission

Orangeburg County – John W. Matthews, Jr. Industrial Park for the Orangeburg County Development Commission

Orangeburg County – Sanders Pointe Farm Site for the Orangeburg County Development Commission

Orangeburg County – Carolina Lumber Site for the Orangeburg County Development Commission

Orangeburg County – Five (5) properties to be included in the proposed Western Orangeburg County Industrial Pak for the Orangeburg County Development Commission

Orangeburg County – West Annex Industrial Park for the Orangeburg County Development Commission

Orangeburg County – Metts Property for the Orangeburg County Development Commission

Orangeburg County – Portion of the National Guard Armory Property for the Orangeburg County Development Commission

Orangeburg County – The Approximately 350-Acre Southern Farms Site for Southern Farms, Inc.

Sumter County – Pocotaligo Industrial Park for the Sumter Development Board

Union County – Midway Green Industrial Park for Pacolet Milliken Enterprises, Inc.

Union County – Trakas Industrial Park for the Union County Development Board

Williamsburg County – Williamsburg Cooperative Commerce Centre South for the Williamsburg County Development Board

Employment History

February 2004 – July 2004
Stevens & Wilkinson of South Carolina, Inc.
Columbia, South Carolina

Civil Engineer responsible for all aspects of site development for Commercial, Industrial and Government contracts to include all phases of development including project management, planning, report preparation, design, bidding and award, permitting, and construction administration.

August 2001 – February 2004
S&ME, Inc.
Columbia, South Carolina

Project Manager responsible for all aspects of Geotechnical Design for Commercial and Industrial contracts to include business development, geotechnical recommendations, report preparation and construction materials testing.

July 1998 – August 2001
Stevens & Wilkinson of South Carolina, Inc.
Columbia, South Carolina

Civil Designer for Commercial, Industrial and Government contracts with duties including preparation of construction plans and specifications, report preparation, engineering calculations and permitting.

July 1997 – July 1998
ViroGroup, Inc.
Columbia, South Carolina

Civil Designer for Solid Waste, Commercial and Industrial contracts with responsibilities including QA/QC of landfill construction, report preparation, development of construction plans and specifications, engineering calculations and permitting.