

PHASE I ENVIRONMENTAL SITE ASSESSMENT

FOR THE

DAN ROGERS INDUSTRIAL PARK

FOR

DILLON COUNTY



AUGUST 2011

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Prepared For:
Dillon County
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Project No. 11129-17
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1.0 SUMMARY

This report is prepared for use by Dillon County and the Dillon County Economic Development Partnership, and presents the findings of a *Phase I Environmental Site Assessment (ESA)* for the approximately one hundred eighty-five (185)-acre Dan Rogers Industrial Park (Dillon County Tax Map Numbers 80-00-00-034 and 80-00-00-081). The property is located along US Highway 301/501, approximately two and one-half (2.5)-miles northeast of the Town of Latta, the Town of Latta, and approximately two and one-half (2.5)-miles southwest of the City of Dillon in Dillon County, South Carolina. A CSX Railroad forms the western boundary of the Industrial Park, and West Countryside Road (S-17-292) traverses the southern portion of the Industrial Park. Ethel M. Rogers currently owns the approximately nineteen (19)-acre parcel (Dillon County Tax Map Number 80-00-00-081). Ethel M. Rogers, Dan T. Rogers, Duncan M. Rogers, and Louise Rogers Mechling own the approximately one hundred sixty-six (166)-acre parcel (Dillon County Tax Map Number 80-00-00-034). Mr. Tonny McNeil, Dillon County Economic Development Partnership Executive Director, authorized and requested that Alliance Consulting Engineers, Inc. conduct a *Phase I ESA* in conjunction with the recertification of the Dan Rogers Industrial Park through the South Carolina Department of Commerce Site Certification Program.



Mr. Garrett Wine, E.I.T. for Alliance Consulting Engineers, Inc., conducted a *site reconnaissance* on August 23, 2011 to determine if the Dan Rogers Industrial Park is subject to *Recognized Environmental Conditions (RECs)*. Items observed during the reconnaissance included the general hydraulic and hydrogeologic conditions of the subject *property* and surrounding areas, a vehicular tour of the vicinity to observe sites identified during the records review, and an investigation of the structure to assist in determining historical uses.

Three (3) sites were identified within the standard ASTM search radii, one (1) site that met the proximal criteria, and fifty-two (52) non-mapped sites were identified in the vicinity of the Dan Rogers Industrial Park. Based on the proximity of the facilities in regards



to the subject *property*, the general topography of the site and surrounding areas, and the soil characteristics in the vicinity of the *property*, none of the facilities identified during the records review are considered *recognized environmental conditions* with regards to the Dan Rogers Industrial Park. No items observed during the *site visit* were identified as *recognized environmental conditions* with regards to the Dan Rogers Industrial Park.



2.0 INTRODUCTION

2.1 Purpose

The purpose of this *Phase I ESA* is to determine if the Dan Rogers 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, vapor intrusion, 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*; and
- E. A brief, qualitative hydraulic evaluation of the *property* and vicinity to characterize the area drainage patterns.

This *Phase I Environmental Site Assessment* and its findings are limited to the *property*. No investigations or assessments of *adjoining properties* were 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 Dillon County and the Dillon County Economic Development Partnership, and presents the findings of a *Phase I Environmental Site Assessment* for the subject *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 Dillon County dated 2005. The Aerial Map is derived from the South Carolina Department of Natural Resources (SCDNR) Digital Orthophoto Quarter-Quadrangles (DOQQ) Archive for Dillon West Southeast, South Carolina and Latta Northeast, South Carolina dated 2006. The Topographic Map is derived from the United States Geological Survey's (USGS) Quad Map for Dillon West and Latta, South Carolina dated 1980. The Soils Map was derived from the United States Department of Agriculture Natural Resources Conservation Service's (USDA-NRCS) Dillon County Soils Survey, Sheets 11 and 16, dated 1988. The FEMA Flood Map is derived from the FEMA Flood Map Catalog; Panel No. 65 dated July 16, 1991. 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 one hundred eight-five (185)-acre Dan Rogers Industrial Park, the *property*, is located near the intersection of US Highway 301/501 and West Countryside Road (S-17-292), approximately two and one-half (2.5)-miles southwest of the City of Dillon and approximately two and one-half (2.5)-miles northeast of the Town of Latta, South Carolina. The *property* is comprised of Dillon County Tax Map Numbers (TMS) 80-00-00-034 and 80-00-00-081. Ethel M. Rogers currently owns TMS 80-00-00-081, and Ethel M. Rogers, Dan T. Rogers, Duncan M. Rogers, and Louise Rogers Mechling currently own TMS 80-00-00-034.

PHASE I ESA FOR THE DAN ROGERS INDUSTRIAL PARK DILLON COUNTY, SOUTH CAROLINA VICINITY MAP

+/- 185 Acres



PREPARED BY:
ALLIANCE CONSULTING ENGINEERS, INC.
AUGUST 26, 2011

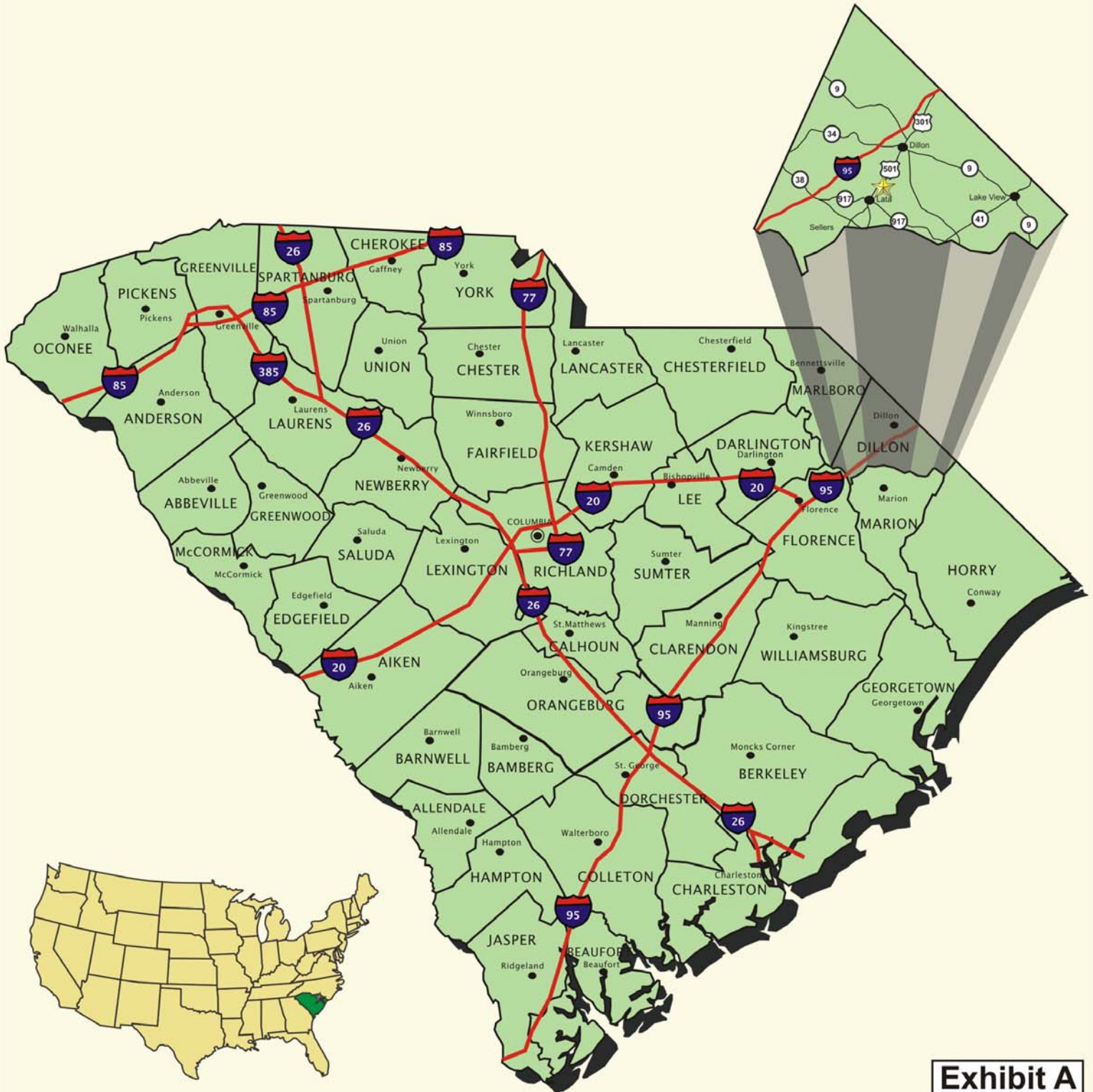


Exhibit A

PHASE I ESA FOR THE DAN ROGERS INDUSTRIAL PARK DILLON COUNTY, SOUTH CAROLINA SITE LOCATION MAP

+/- 185 Acres



ALLIANCE
CONSULTING ENGINEERS

PREPARED BY
ALLIANCE CONSULTING ENGINEERS, INC.
INFORMATION FROM
DILLON COUNTY HIGHWAY MAP
DATED 2005



SCALE IN MILES
AUGUST 26, 2011

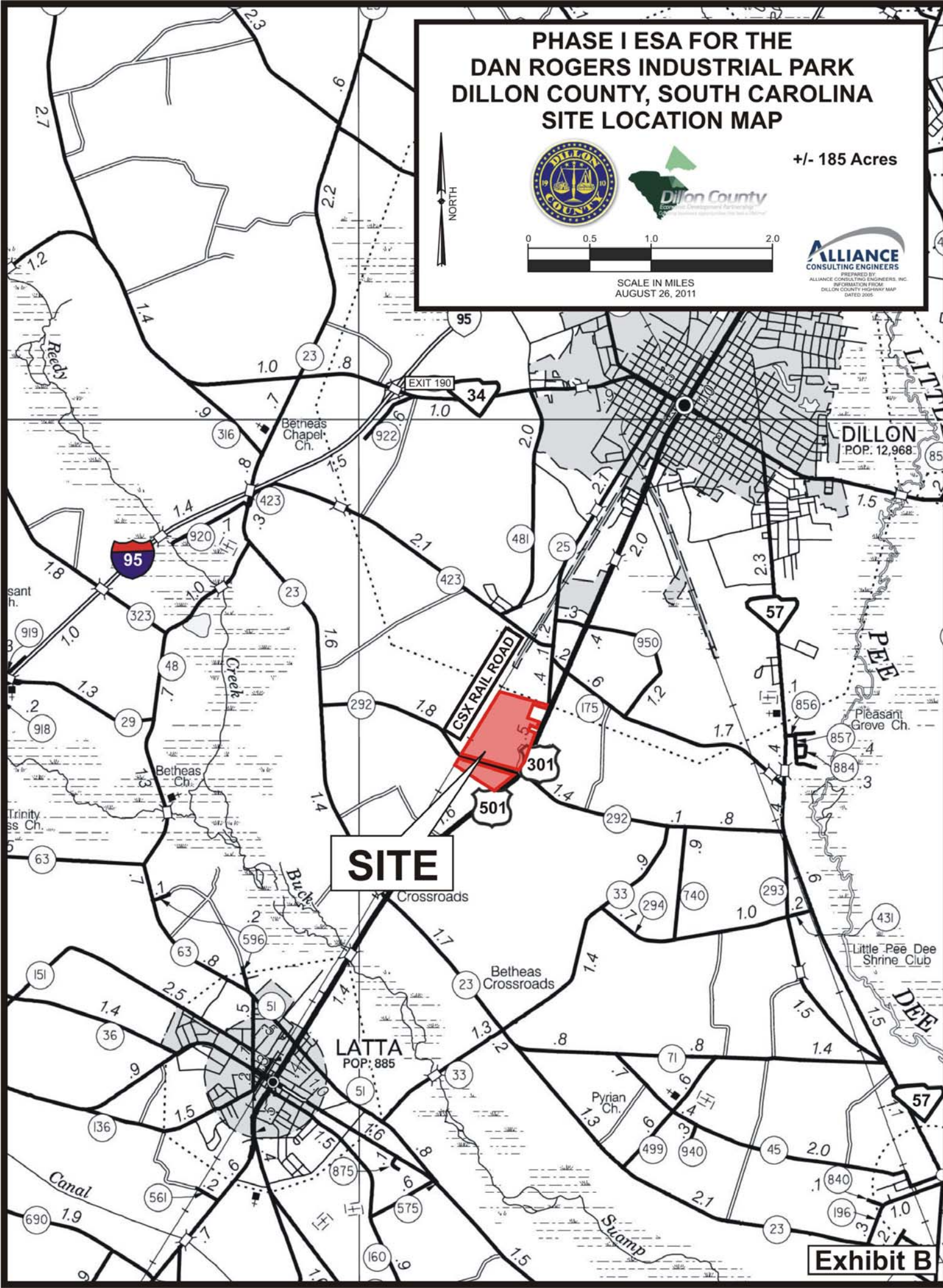
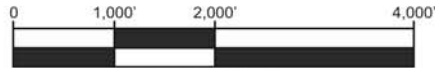


Exhibit B

**PHASE I ESA FOR THE
DAN ROGERS INDUSTRIAL PARK
DILLON COUNTY, SOUTH CAROLINA
AERIAL MAP**

+/- 185 Acres



GRAPHIC SCALE
AUGUST 26, 2011



PREPARED BY:
ALLIANCE CONSULTING ENGINEERS, INC.
INFORMATION FROM:
SCDNR, DODD ARCHIVE
DILLON WEST SE, SC
LATTANE, SC
DATED 2009

SITE

CSX RAIL ROAD

95

EXIT 190

301

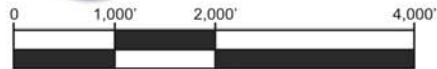
292

501

Exhibit C

PHASE I ESA FOR THE DAN ROGERS INDUSTRIAL PARK DILLON COUNTY, SOUTH CAROLINA TOPOGRAPHIC MAP

+/- 185 Acres



GRAPHIC SCALE
CONTOUR INTERVAL 5 FEET
AUGUST 26, 2011



PREPARED BY:
ALLIANCE CONSULTING ENGINEERS, INC.
10000 WILSON ROAD
DILLON, SC 29530
LATA, SC 29556

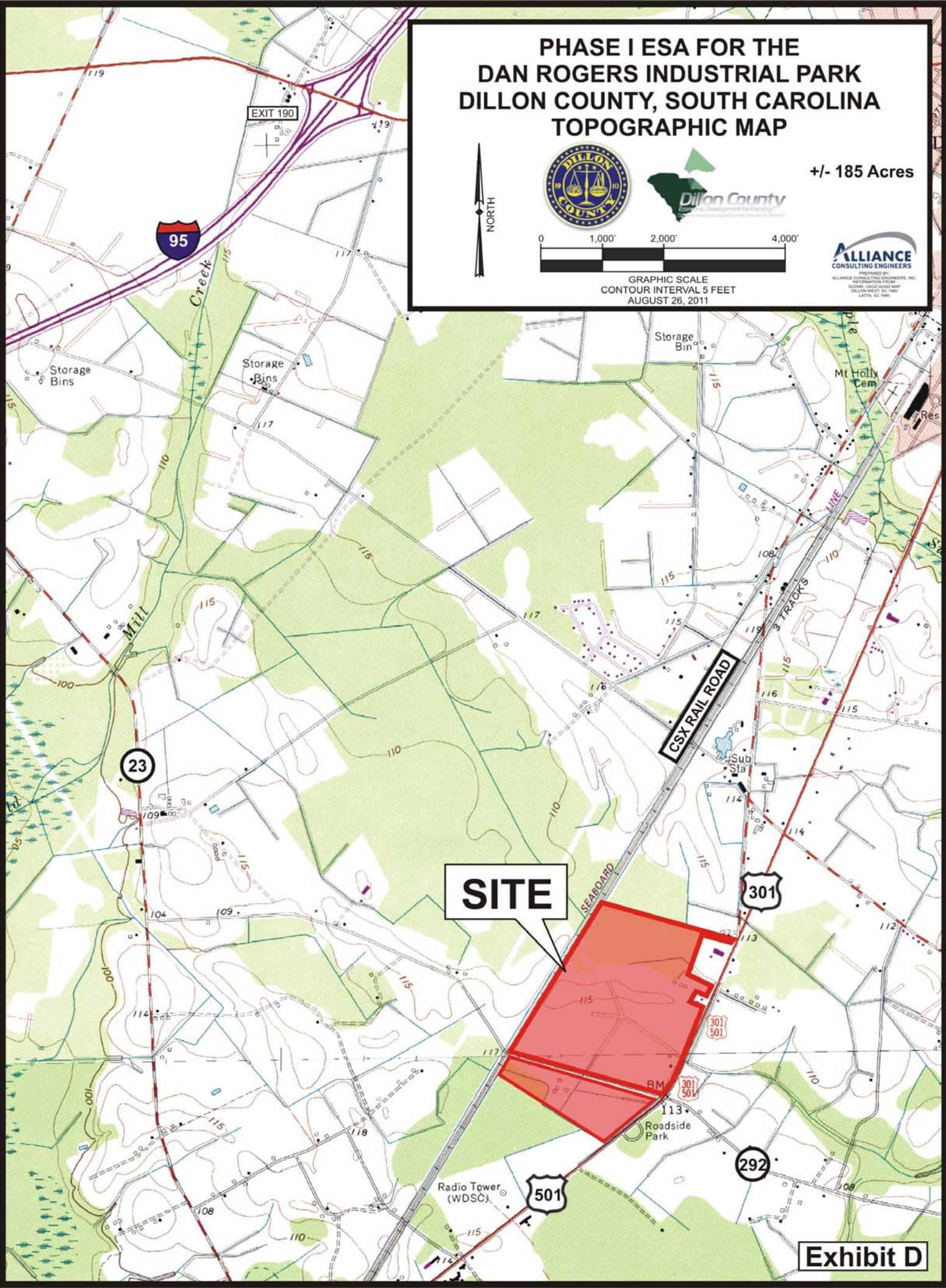
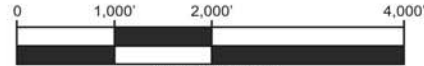


Exhibit D

PHASE I ESA FOR THE DAN ROGERS INDUSTRIAL PARK DILLON COUNTY, SOUTH CAROLINA SOILS MAP

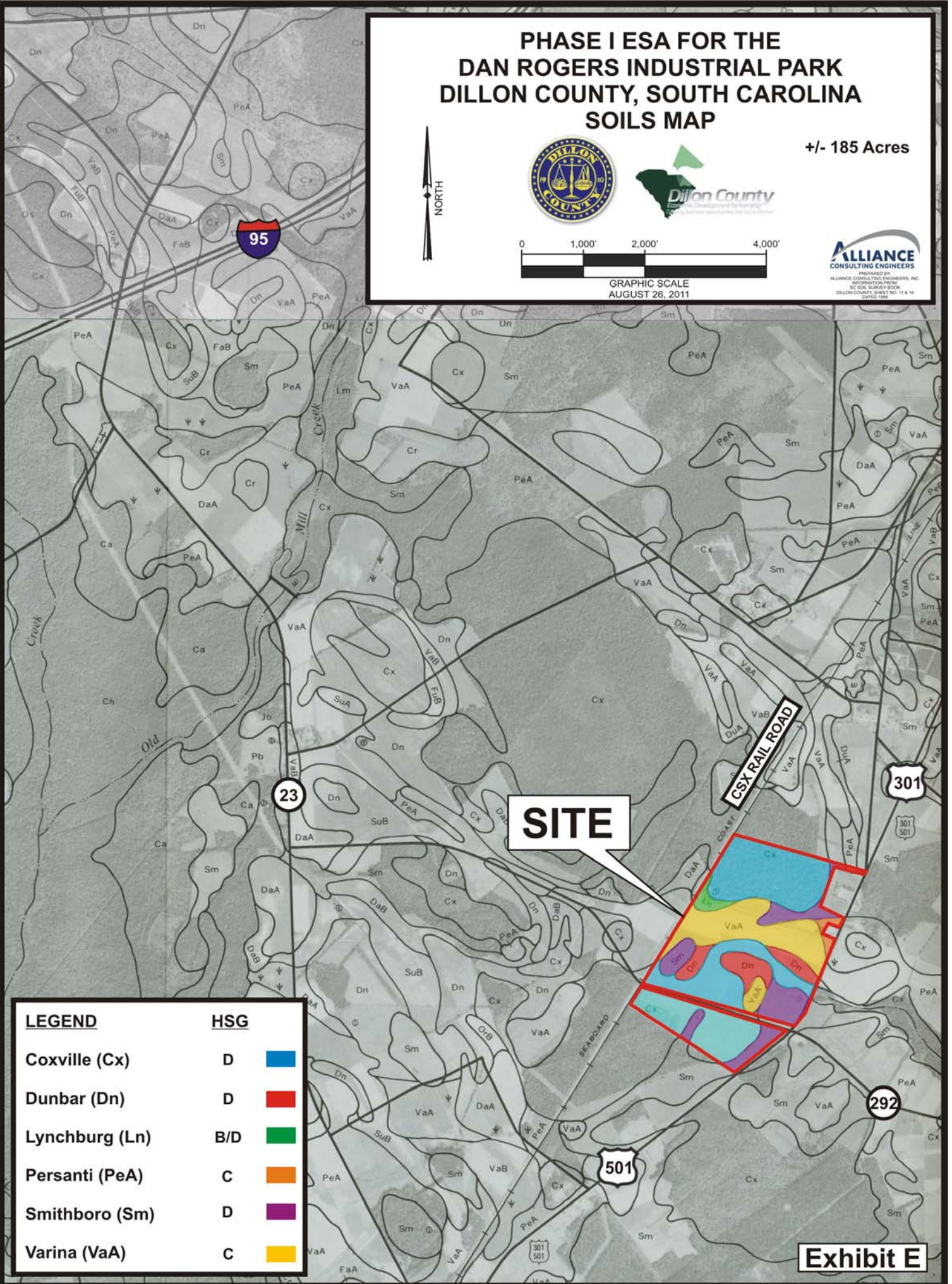
+/- 185 Acres



GRAPHIC SCALE
AUGUST 26, 2011



PREPARED BY:
ALLIANCE CONSULTING ENGINEERS, INC.
INFORMATION FROM:
SC SOIL SURVEY BOOK
DILLON COUNTY, SHEET NO. 11 & 12
DATED 1986



LEGEND

HSG

Coxville (Cx)

D



Dunbar (Dn)

D



Lynchburg (Ln)

B/D



Persanti (PeA)

C



Smithboro (Sm)

D



Varina (VaA)

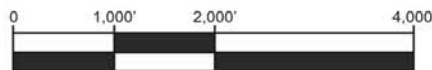
C



Exhibit E

PHASE I ESA FOR THE DAN ROGERS INDUSTRIAL PARK DILLON COUNTY, SOUTH CAROLINA FEMA FLOOD MAP

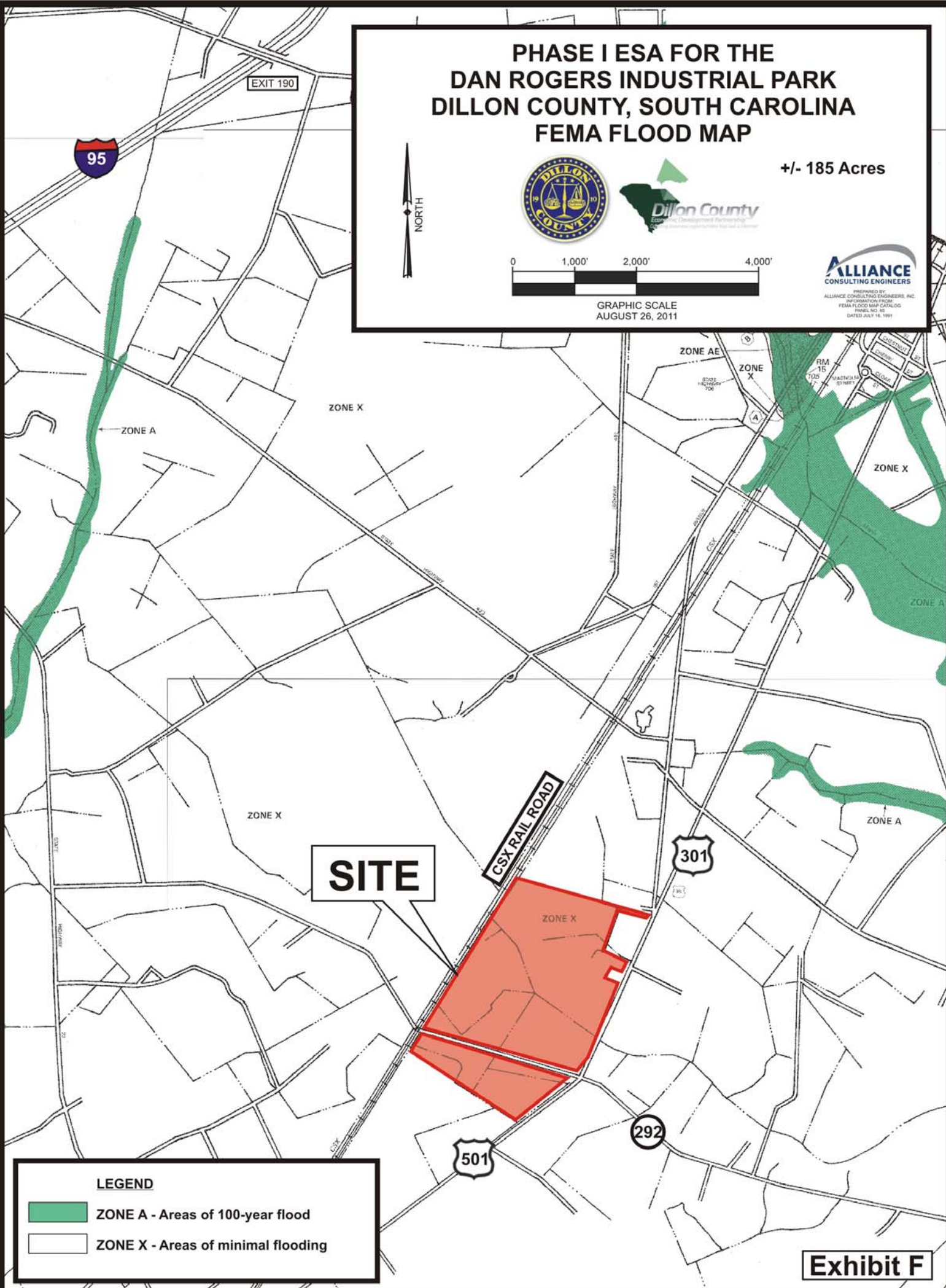
+/- 185 Acres



GRAPHIC SCALE
AUGUST 26, 2011

ALLIANCE
CONSULTING ENGINEERS

PREPARED BY:
ALLIANCE CONSULTING ENGINEERS, INC.
INFORMATION FROM:
FEMA FLOOD MAP CATALOG
FLOOD NO. 85
DATED JULY 16, 1991



LEGEND



ZONE A - Areas of 100-year flood



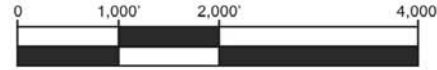
ZONE X - Areas of minimal flooding

Exhibit F

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

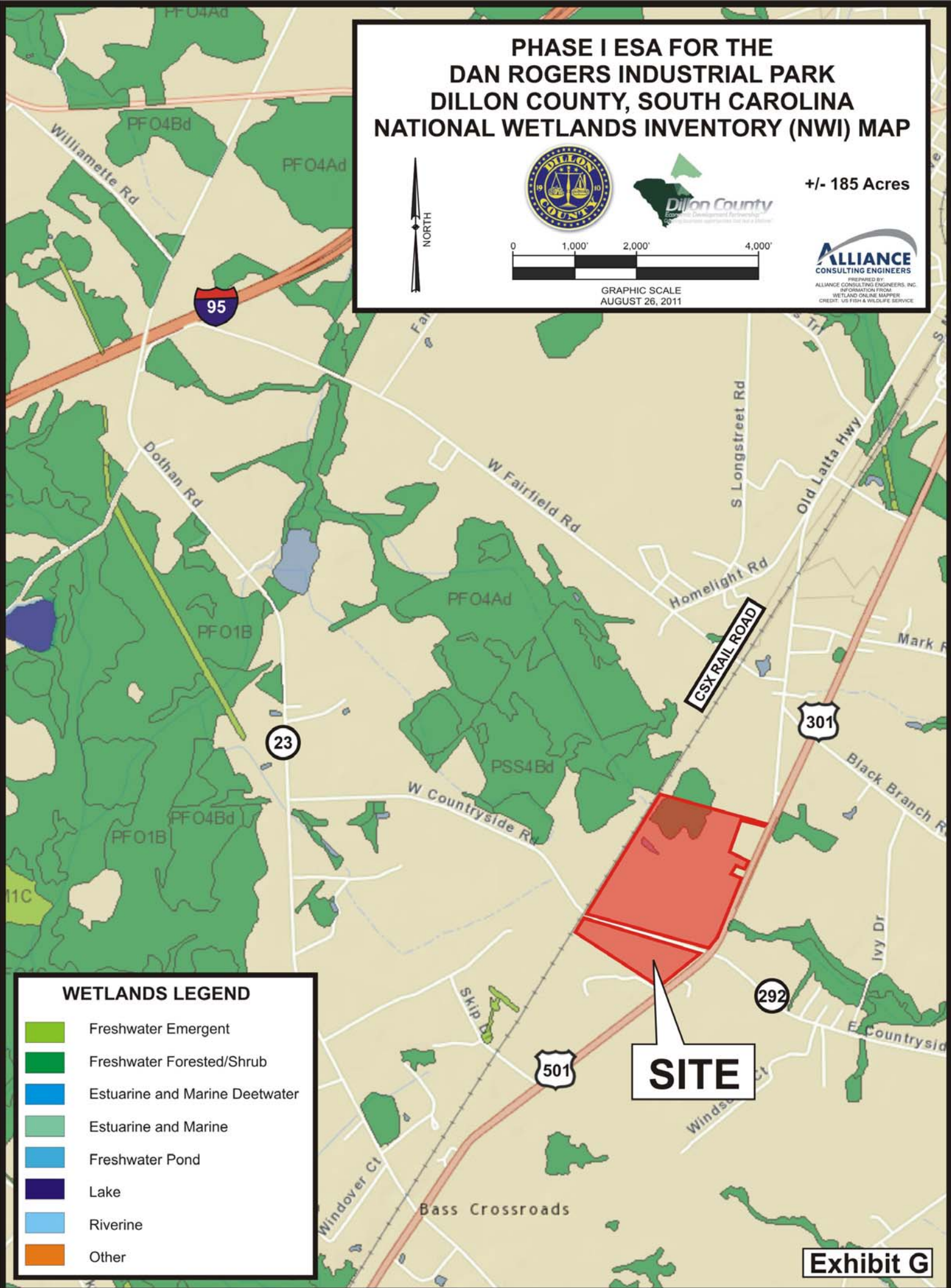


+/- 185 Acres



GRAPHIC SCALE
AUGUST 26, 2011

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



WETLANDS LEGEND

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

SITE

Exhibit G



3.2 Site and Vicinity General Characteristics

The Dan Rogers Industrial Park is located near the intersection of US Highway 301/501 and West Countryside Road (S-17-292). The *property* is located approximately two and one-half (2.5)-miles southeast of I-95. The Dan Rogers Industrial Park is accessible from I-95 via Exit 190. The CSX Railway is located adjacent to the western edge of the Industrial Park.

3.3 Current Site Use

The Dan Rogers Industrial Park consists primarily of cleared areas used for agricultural purposes. The northern portion of the Industrial Park is comprised of woodlands which have been partially timbered. Commonwealth Avenue, an existing unpaved road, extends west from



US Highway 301/501 to serve the northern portion of the Dan Rogers Industrial Park. A six (6)-inch water main extends along the northern edge of West Countryside Road (S-17-292) which divides the Industrial Park into two (2) parcels. An overhead power line, a six (6)-inch wastewater force main, an eight (8)-inch gravity wastewater line, and an eight (8)-inch water main extend adjacent to the Industrial Park, within the US Highway 301/501 right-of-way. A wastewater pump station is located adjacent to the eastern edge of US Highway 301/501 near the eastern boundary of the northern portion of the Dan Rogers Industrial Park. Various photographs of the *property* are presented in Appendix A.

3.4 Past Site Use and Ownership

Information gathered from reviews of Dillon County Tax Maps, recorded deeds and plats, and personal interviews indicates that the property was previously used for agricultural purposes. The *reasonably ascertainable* ownership history of the



parcels known as Dillon County Tax Map Numbers 80-00-00-034 and 80-00-00-081 are presented below.

Dillon County Tax Map Number 80-00-00-034 (Approximately 166 Acres)

August 14, 1997: Ethel M. Rogers, Dan T. Rogers, Duncan M. Rogers, and Louise Rogers Mechling inherit the property from Daniel T. Rogers.

August 1, 1958: Daniel T. Rogers acquires the property from L. B. Rogers, Sr.

Dillon County Tax Map Number 80-00-00-081 (Approximately 19 Acres)

August 14, 1997: Ethel M. Rogers inherits the property from Daniel T. Rogers.

August 1, 1958: Daniel T. Rogers acquires the property from L. B. Rogers, Sr.

3.5 Adjoining Property Uses



The subject *property* is bound to the east by US Highway 301/501, to the west by a CSX Railway, and to the north and south by undeveloped properties. West Countryside Road (S-1-292) divides the southern portion of the Dan Rogers Industrial Park. Two (2) residences are located adjacent to the southern edge of West Countryside Road, and one (1) residence is located adjacent to the western edge of US Highway 301/501. Northeastern Technical College is located immediately east of the Industrial Park, adjacent to the eastern edge of US Highway 301/501. Sixteen (16) properties are located adjacent to the *property*. A detailed list of the adjoining property owners' information can be found in Table 1.

TABLE 1 – ADJOINING PROPERTY OWNERS

Tax Map No.	Acreage	Property Owner	Boundary Direction
80-00-00-035	0.7	Larry E. and Annie H. Brigman	Internal
80-00-00-036	0.7	Larry E. Brigman	Internal
80-00-00-037	7.1	Sarah Katherine McDaniel	East
80-00-00-089	234.8	J. Eric Graham	East
80-00-00-032	141.8	W. Wade Huss	East



80-00-00-086	10.0	Northeastern Technical College Area Commission	East
80-00-00-087	8.6	St. Barnabas Episcopal Church	East
80-00-00-033	0.7	Harry Black Turner	East
80-00-00-030	5.5	Robert McIntyre	East
80-00-00-018	1.6	Matthew and Lola J. Marshall	East
80-00-00-029	0.4	Margaret Earl Miles	Northeast
80-00-00-028	58.6	Mary Anna Barrera and Lott J. Rogers, Jr.	North
80-00-00-017	89.4	E. Cullen Bryant	Northwest
80-00-00-092	73.5	E. Cullen Bryant, Sr.	West
80-00-00-090	83.8	Sylvia J. Lauren	West/Southwest
80-00-00-088	<0.1	City of Dillon	East

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. A USGS Topographic Map was used to



characterize suspected drainage patterns as well as a pedestrian reconnaissance of the subject property. Based upon a review of Dillon County's FEMA Flood Map (Exhibit F), it appears that the Dan Rogers Industrial Park is located in Zone X, which designates areas of minimal flooding. A review of the United States Department of the Interior's National Wetlands Inventory (NWI) Map indicates potential wetland areas on the northern portion of the Dan Rogers Industrial Park. S&ME, Inc. completed a jurisdictional delineation for the *property* on August 10, 2011. The jurisdictional delineation identified a man-made irrigation pond near the western boundary of the Dan Rogers Industrial Park. The area identified on the NWI Map was experiencing drought conditions at the time of the delineation. The Jurisdictional Determination Request was submitted to the US Army Corps of Engineers (USACE) for approval. A concurrence letter verifying the results for the Jurisdictional Determination had not been issued at the time of the Phase I ESA. The Dan Rogers Industrial Park site, per the Dillon County Soil Survey Sheets 11 and 16, dated 1988, is comprised of Coxville (Cx), Dunbar (Dn), Lynchburg (Ln),



Persanti (PeA), Smithboro (Sm), and Varina (VaA) series soils. These soils have hydrologic soil group classifications of B,C and D. The soils which comprise the majority of the Dan Rogers Industrial Park are generally somewhat poorly drained soils with moderate to slow permeability; however, Varina (VaA) series soils, which comprise the central portion of the *property*, are well drained soils.

The Dan Rogers Industrial Park is comprised of mild to negligible 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 subject *property* it is believed that the groundwater will generally flow from the central portion of the Dan Rogers Industrial Park to the northern, eastern, and southern park boundaries.



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 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 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 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) – [0.5 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) - [0.5 mile]
- South Carolina State Designated Brownfields (BRWNFLDS) – [0.5 mile]
- South Carolina State Voluntary Cleanup List (VOLCLNUP) – [0.5 mile]
- South Carolina State 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]

Three (3) 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
Nobles Corporation Wood Chipping Site	0.5	S	SLDWST
Coastal Agrobusiness Inc.	0.7	NE	FRS
J W Bailey Grocery	0.8	NE	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
J W Bailey Grocery	0.8	NE	FRS, TANKS

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

There are also fifty-two (52) 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
Perdue Farms, Inc.	TANKS
Hardees (proposed)	TANKS
Braxton Property	TANKS
CSX Railroad	ERNS
Kenny's Paint Body & Frame Shop	FRS, NONTSD
Trico Water Company – Fred Hyatt WTP	PCS
Dillon County School District 2	FRS
Coastal Chemical Corporation	FRS



Dillon Animal Hospital	FRS
Moore's Body Shop	FRS, NONTSD
Hamilton Grocery	FRS, TANKS, LUST
Hodges Tavern	FRS
Canal Forest Resources, Inc.	FRS, TANKS
Mohawk Carpet Corporation	FRS
Palmetto Properties, Inc.	FRS
Ryder Truck Rental, Inc.	TANKS, LUST
Trico Water Company – Bermuda WTP	FRS
Institutional Food House	FRS, TANKS, LUST
Palmetto Petroleum	FRS
City of Dillon	FRS
Dillon Maple Swamp Plant	FRS, PCS
Dillon, Marion & Marlboro Counties Ind	FRS
Collinsville	FRS
Mary's Motel	FRS
Page Foods, Inc.	FRS
Hayes Catfish Farm	PCS, FRS
Moody's Grocery	TANKS
Minturn Country Store	TANKS
Danny's Mini Mart	FRS, TANKS
Fox's Holsum Bakery, Inc.	FRS, TANKS, LUST
V & H Grocery	TANKS
Lattymers' MHP	FRS
L B Coward Grocery	TANKS
Miller's Grocer	FRS
Super Test Station	TANKS
Circle K Affiliate	TANKS
E-85, Inc.	FRS
E & J Grocery / Dilmar Oil	FRS
Food Chief	FRS, PCS
Happy Oil Company	FRS
Gold Kist : Latta	FRS
SSC, Inc. – Latta Svc.	FRS
Mallory Grocery	FRS, TANKS
Paperboard Industries	TANKS, LUST
Dilmar Oil Company	FRS, PCS
Bethea MHP	FRS
Shady Pine CG	FRS
Latta Milling & Grain Company	FRS
Hayes & Sons 66 & Muffler Shop	TANKS, LUST
George Fraizer Grocery	FRS
Paylo	FRS, TANKS, LUST
Southern States – Latta	FRS



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 Dan Rogers Industrial Park. Historical photographs documenting the uses of the *property* for 1950, 1964, 1976, 1981, 1994,



1994, 1999, and 2010 were included within the report. The Industrial Park has historically been utilized for agricultural purposes. It appears that the man-made irrigation pond and the residence adjoining the northern boundary of the *property* were completed between 1950 and 1964. The two (2) residences located adjacent to the southern edge of West Countryside Road and the one (1) residence located adjacent to the western edge of US Highway 301/501 appear for the first time in the image from 1994. It appears that the CSX Railway was constructed prior to 1950.



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 August 23, 2011. The *property* was observed by traversing the perimeter and interior of the *property*. The reconnaissance involved viewing adjacent 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. above ground storage tanks	Yes	Natural gas tank located on adjoining property
b. underground storage tanks	No	
c. pipelines	Yes	Water line along the northern edge of West Countryside Road. Wastewater pump station, water, wastewater, and overhead electric lines located adjacent to US Highway 301/501.
d. damaged/leaking transformers	No	
e. surface impoundment/holding ponds	No	
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	No	



(chemically impacted)		
n. dumping	Yes	Demolition debris, oil filters, household garbage, scrap metal, and tires
o. stored substances/drums/containers/vats	Yes	Corroded metal drum located near the tree line on northern portion of the <i>property</i>
p. spray rigs/tankers/mobile storage tanks	No	
q. marshes/low lying wetlands	Yes	Numerous drainage ditches observed throughout the wooded portion of the <i>property</i>
r. air emission facilities	No	

5.3 Interior Observations

At the time of observation, no structures are located within the Dan Rogers Industrial Park. Accordingly, no interior observations were made during the *site visit*.



6.0 INTERVIEWS

On August 25, 2011, Mr. Dan Rogers, co-owner of the *property*, indicated that to the best of his knowledge and belief there were currently no known nor have 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. Rogers did not have any additional knowledge of any *hazardous substances*, *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. This correspondence is included in Appendix C.

On August 26, 2011, Alliance Consulting Engineers, Inc. conducted an interview with Dillon County Fire Chief Bobby Horton via telephone. Chief Horton noted that the subject *property* has been previously used as farmland. Chief Horton stated that to his knowledge the fire department has never responded to a call at the property. Chief Horton had no additional knowledge regarding *hazardous material* or *petroleum product* spills at the Dan Rogers Industrial Park.



7.0 FINDINGS AND OPINIONS

During the records review, the SCDHEC LUST Confirmed Release Report indicated that *petroleum products* have leaked from a storage tank located on the J. W. Bailey Grocery property, located approximately 0.8-mile northeast of the *property*. The storage tank release was reported on December 23, 1991 and confirmed on March 20, 1992. Based on the LUST Confirmed Release Reports, the general topography of the Dan Rogers Industrial Park and surrounding areas, soil characteristics in the vicinity of the releases, the proximity to the subject property, and the date of the release, it is unlikely that *petroleum products* may have migrated from this facility to the subject *property*. Accordingly, this past release is not considered a *recognized environmental condition (REC)* with regards to the Dan Rogers Industrial Park.

The remaining sites identified during the records search are either located downgradient from the *property*, or lack sufficient records indicating releases of *hazardous substances* or *petroleum products*. Based on the available information, these sites are not considered *RECs* with regards to the Dan Rogers Industrial Park.

Overhead power lines were observed along the western edge of US Highway 301/501 and along the southern edge of West Countryside Road. Several pole mounted electrical transformers were observed on the *property* during the *site reconnaissance*. The transformers appeared to be in good working condition, and did not exhibit any leaks or staining. Several drainage ditches were observed throughout the wooded portion of the *property*, and along the edge of US Highway 301/501 and West Countryside Road. No storm drainage inlets, outlets, or ditches with visible distressed vegetation, gas, or oily sheens in or around them were observed. Stormwater flows are conveyed to the drainage ditches extending along US Highway 301/501. Water was not observed in the drainage ditches along West Countryside Road or in the wooded portion of the Park. No gas or oily sheens were observed on the water in the US Highway 301/501 roadside ditches during the reconnaissance.

A wastewater pump station owned, operated, and maintained by the City of Dillon was observed adjacent to the eastern edge of US Highway 301/501. A fire hydrant was observed near the intersection of US Highway 301/501 and West Countryside Road. The



pump station and fire hydrant appeared to be in proper working condition, and did not appear to pose any environmental concerns. An above ground propane storage tank (AST) was observed near the residence adjoining the western boundary of the *property*. The AST did not appear to be leaking, did not give off a noticeable foul odor, and no discolored vegetation was observed in the immediate vicinity of the tank. A concrete pipe/structure filled with soil was also observed on the adjoining residential property. The historical use of the concrete pipe/structure is not to be visually determinable. There is no evidence of the release of *hazardous substances* or *petroleum products* in conjunction with the concrete pipe/structure. Accordingly, the concrete pipe/structure, AST, and utility infrastructure are not considered *RECs*.

Several tires were observed to be dumped on the northern portion of the *property*, primarily along the treeline. Debris piles were observed near the tree groupings on the northwestern portion of the *property*. Debris included but was not limited to plastic drink bottles and food containers, demolition debris, household garbage, tires, oil filters, scrap metal, and a corroded drum. Remnants of a demolished structure were observed in the vicinity of the corroded drum. The release of *petroleum products* into the ground from the oil filters is likely; however, it is unlikely that a significant amount of contaminants have leached into the ground which would present a threat to human health or the environment. Accordingly, the oil filters are considered to be *de minimis*. No visual evidence of the release of *hazardous substances* or *petroleum products* in association with the demolition debris was observed. No obvious outlet was observed on the corroded drum, and no fluids appeared to be currently stored in the drum. Vegetation near the drum appeared to be distressed; however, the distressed vegetation did not appear to be exclusively near the drum. Due to a lack of evidence suggesting the past, present, or material threat of release of *petroleum products* or *hazardous substances* the corroded drum is considered a *business environmental risk*. Therefore, the debris piles, tires, oil filters, demolition debris, and corroded drum are not considered *Recognized Environmental Conditions*.



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 Dan Rogers 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*, 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. Oates, Jr., Charles C., and Thomas C. Still, P.E. *Phase I Environmental Site Assessment Dan A. Rogers Site*. S&ME, Inc., August 12, 2005.
3. Dudley, Travis A. *Soil Survey of Dillon County, South Carolina*. US Department of Agriculture, Soil Conservation Service and Forest Service, 1975.
4. Oates, Charles. *Jurisdictional Determination Request for the Dan Rogers Industrial Park Site*, S&ME, Inc., August 10, 2011.
5. *Existing Utilities Map*, Alliance Consulting Engineers, Inc., April 2011.



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.
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, and Charlotte, North Carolina. The staff of Alliance Consulting Engineers, Inc. currently consists of one (1) principal, five (5) senior project managers, three (3) project managers, one (1) senior project engineer, three (3) project engineers, nine (9) engineering associates, six (6) CAD technicians, one (1) special projects consultant, one (1) regional manager, one (1) local government liaison, and three (3) administrative assistants. Alliance Consulting Engineers, Inc.'s staff includes twelve (12) registered Professional Engineers, three (3) LEED Accredited Professionals, one (1) LEED Green Associate, and the firm is properly licensed to practice engineering in South Carolina and six (6) other states.

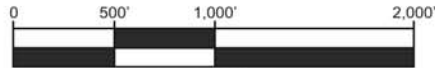
The firm is regularly involved in performing engineering services for municipal, industrial, institutional, and commercial clients on projects that span the breadth of the civil, structural, and environmental engineering disciplines. Environmental work regularly performed by the firm includes Potable 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 DAN ROGERS INDUSTRIAL PARK DILLON COUNTY, SOUTH CAROLINA PHOTO KEY



+/- 185 Acres



GRAPHIC SCALE
AUGUST 26, 2011



PREPARED BY:
ALLIANCE CONSULTING ENGINEERS, INC.
INFORMATION FROM:
SCDNR, DODD ARCHIVE
DILLON WEST SE, SC
LATTANE, SC
DATED 2009

SITE

CSX RAIL ROAD

301

292

501

LEGEND

POSITION / DIRECTION
OF PHOTO





Photograph 1 – Debris dumped near the trees adjacent to the residence adjoining the eastern boundary of the *property*



Photograph 2 – Oil filters dumped on the northern portion of the Park



Photograph 3 – Looking at the adjoining residential property near the western boundary



Photograph 4 – Above ground propane storage tank located on the adjoining residential property



Photograph 5 – Pole mounted transformer located near the *property* (not leaking)



Photograph 6 – Wastewater pump station located along the eastern edge of US Highway 301/501



Photograph 7 – Demolition debris located near the treeline on the northern portion of the *property*



Photograph 8 – Corroded metal drum located on the northern portion of the Park



Photograph 9 – Typical drainage feature on the northern portion of the *property*



Photograph 10 – Logging trail in the wooded portion of the Park



Photograph 11 – Looking at the property adjoining the northern boundary of the Park



Photograph 12 – Looking east across the *property*



Photograph 13 – Tires located near the treeline on the northern portion of the Park



Photograph 14 – Intersection of West Countryside Road and the CSX Railroad



Photograph 15 – Looking east along West Countryside Road



Photograph 16 – Residential property south of West Countryside Road



Photograph 17 – Looking east along West Countryside Road

APPENDIX B
ENVIRONMENTAL DATA REPORTS

ENVIRONMENTAL DATA REPORT

Comprehensive ASTM Research

Dan Rogers Industrial Park
Tax Map No's 80-00-00-034 and 80-00-00-081
Dillon 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

July 13, 2011

July 13, 2011

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

Subject: **Comprehensive ASTM Research - EDM Project #20993**

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:

Dan Rogers Industrial Park
Tax Map No's 80-00-00-034 and 80-00-00-081
Dillon 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: 7/13/2011

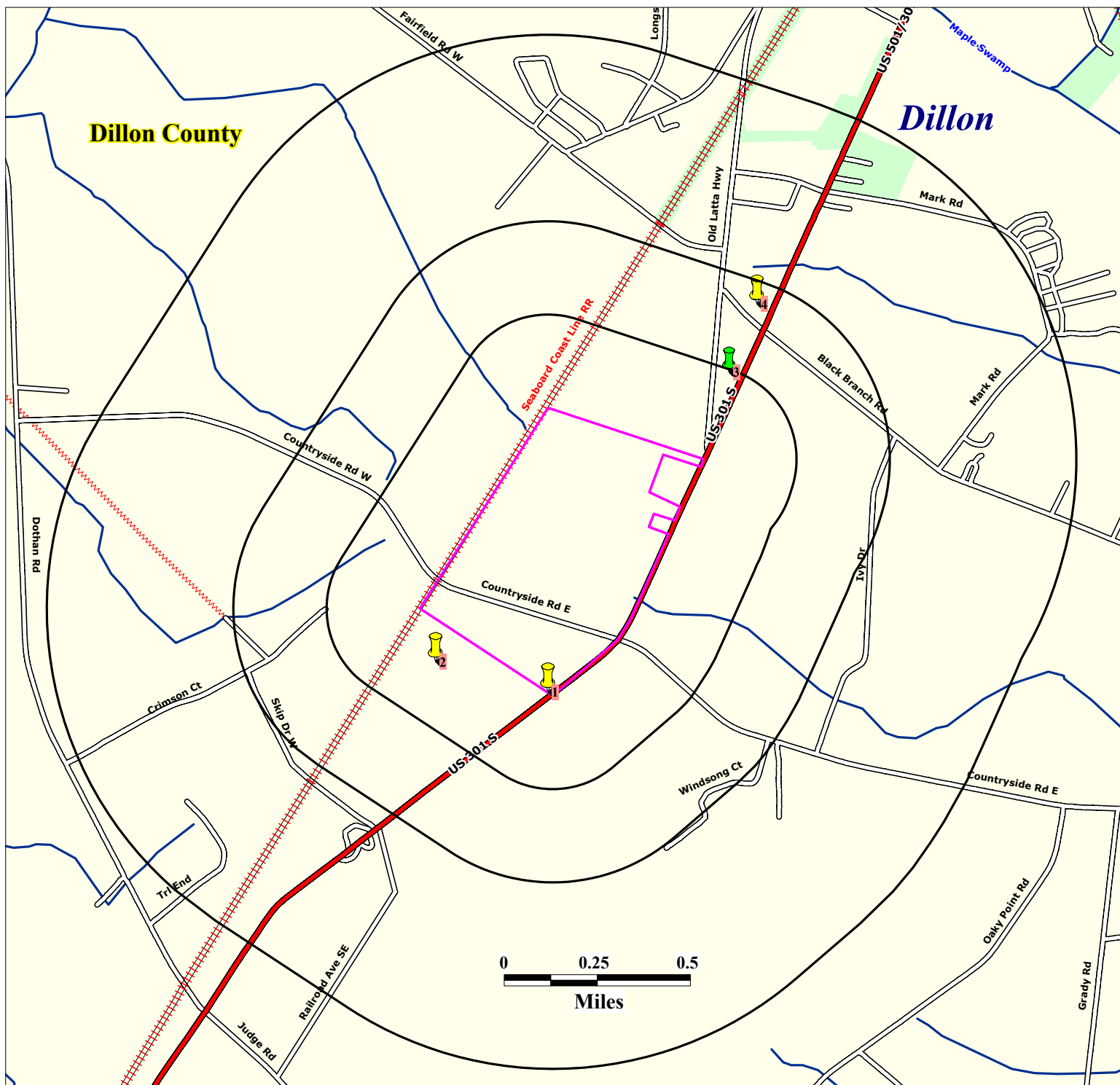
Client Information	Project Information
Alliance Consulting Engineers, Inc PO Box 8147 Columbia SC 29202 Client Job No: Client P.O. No:	Comprehensive ASTM Research Dan Rogers Industrial Park Tax Map No's 80-00-00-034 and 80-00-00-081 Dillon County, South Carolina EDM Job No# 20993

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	N/A	N/A	N/A	0
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	5	N/A	N/A	5
Leaking Underground Storage Tanks List(LUST)	0.50	0	0	0	1	N/A	1
Underground/Aboveground Storage Tanks(TANKS)	0.25	0	0	N/A	N/A	N/A	0
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
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	N/A	N/A	N/A	0
Facility Registry System(FRS)	0.25	0	0	N/A	1	N/A	1
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: US Census Bureau TIGER Files

Map Scale and Site Locations are Approximate

Subject Property

Dan Rogers Industrial Park
Tax Map No's 80-00-00-034 and 80-00-00-081
Dillon County, South Carolina

EDM Job No: 20993
July 13, 2011

Approximate Site Boundary

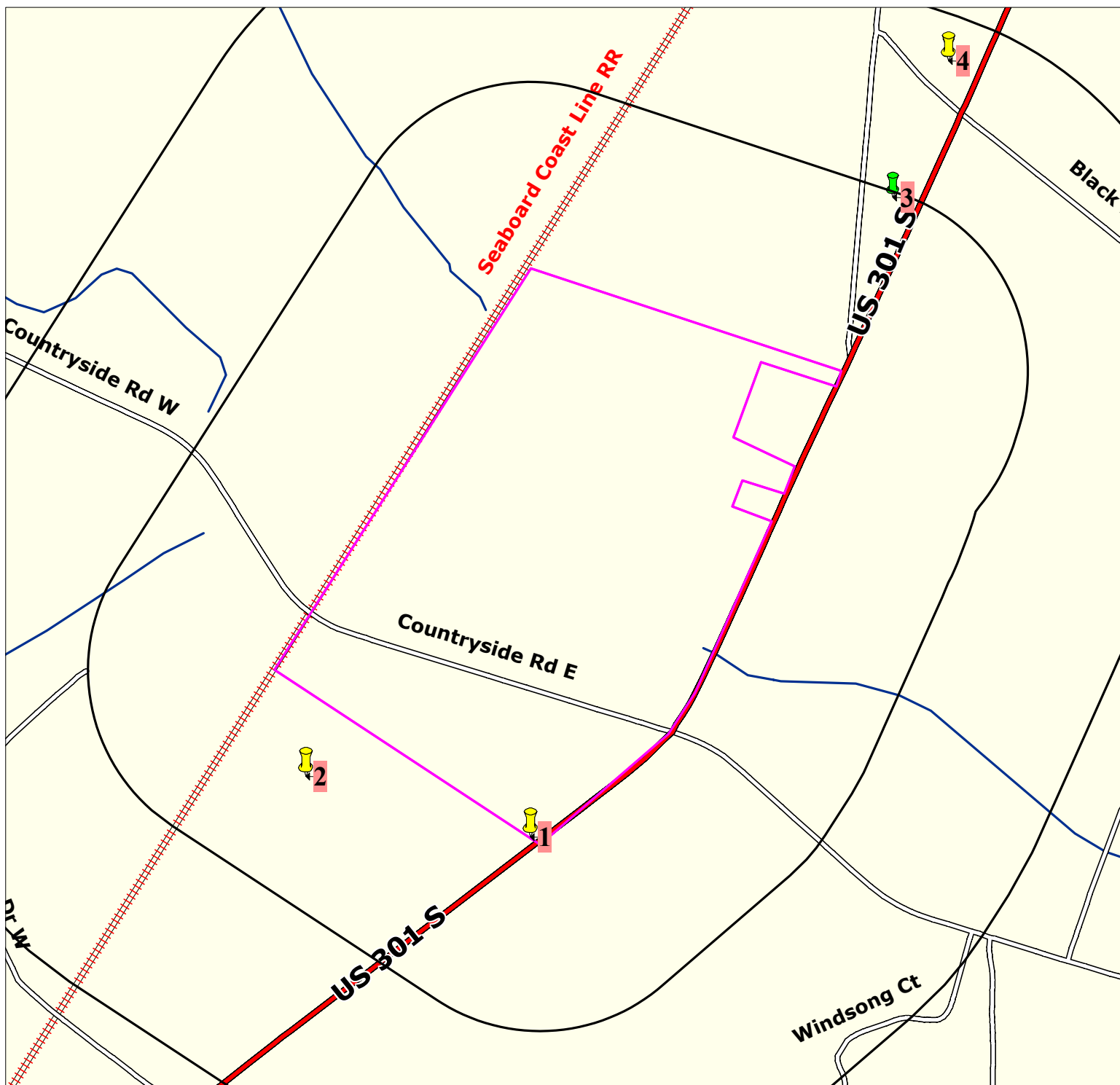
NPL, STNPL, CORRACTS, TSD, RODS
RAATS & sites - 1 Mile Radius



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

Dan Rogers Industrial Park
Tax Map No's 80-00-00-034 and 80-00-00-081
Dillon County, South Carolina

EDM Job No: 20993
July 13, 2011

Approximate Site Boundary



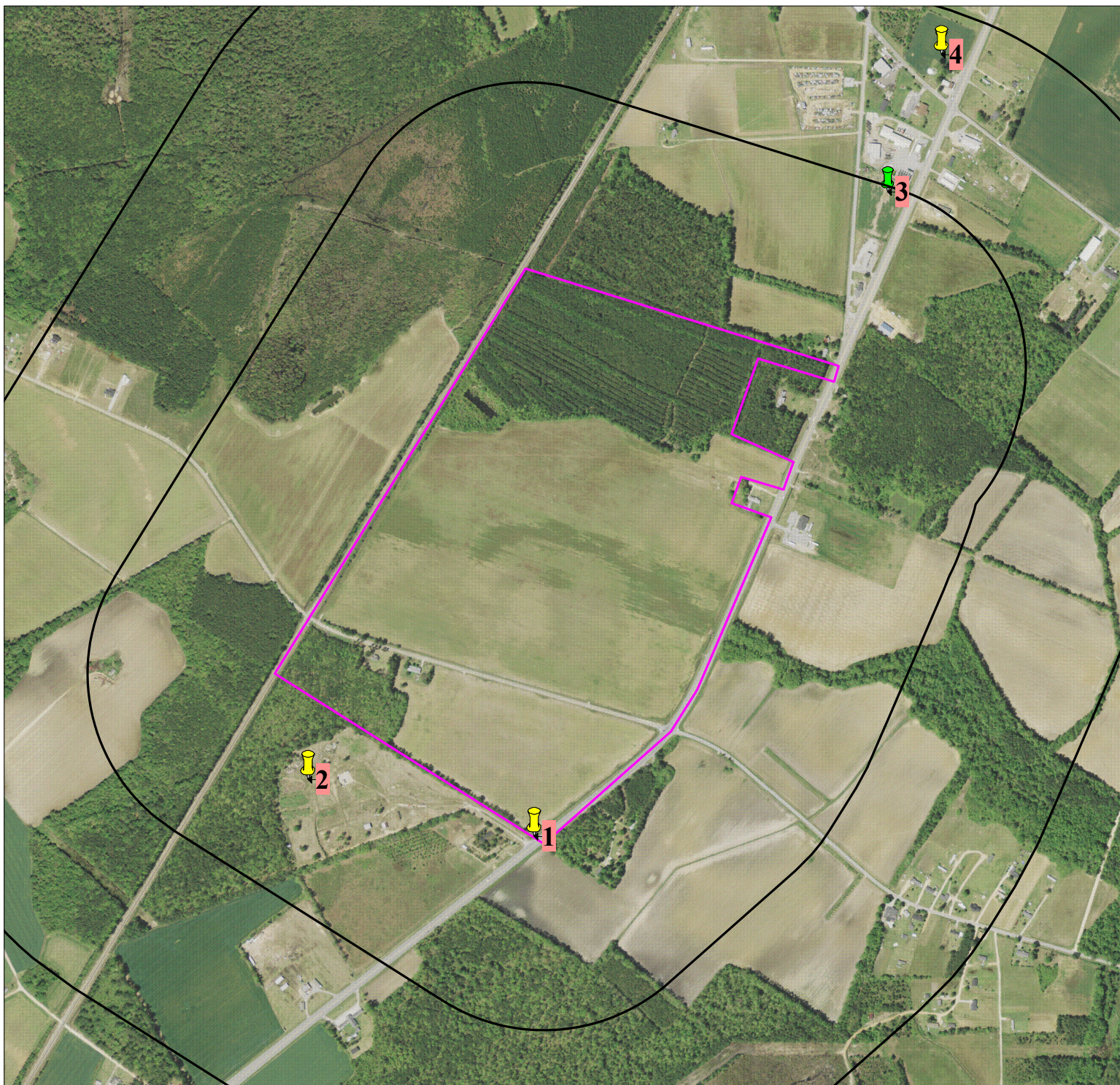
NPL, STNPL, CORRACTS, TSD, RODS
RAATS & sites - 1 Mile Radius



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

Dan Rogers Industrial Park
Tax Map No's 80-00-00-034 and 80-00-00-081
Dillon County, South Carolina

EDM Job No: 20993
July 13, 2011

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: 7/13/2011

SUMMARY TABLE

Page 1 of 1

		REGULATORY LISTS																											
		N P L	C 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 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 B R W N F L D S	U S B R W N 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 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 S T S	B R A S S	P A D S	P C R S S	F R I S S		
MAPID# FAC ID, NAME AND LOCATION																													
1)	171901-1301. DILLON CO SHORT TERM C&D LANDFILL DILLON, SC. 29536													X															
1)	172900-1301 301 Farm Short Term Landfill , SC.													X															
2)	172483-3001 Nobles Corporation Yard Waste Compost , SC.													X															
2)	172483-3001. RURAL SANITATION INC DILLON, SC. 29536													X															
2)	172483-3002 Nobles Corporation Wood Chipping Site 2349 Hwy 301 South Dillon, SC. 29536													X															
3)	110038221126 COASTAL AGROBUSINESS INC 2015 HWY 301 S DILLON, SC. 29536																											X	
4)	02854 J W BAILEY GROCERY 1937 HWY 301 S DILLON, SC.														X														

SCDHEC BUREAU OF LAND AND WASTE MANAGEMENT

SOLID WASTE FACILITIES LIST

(SLDWST)

Report Date: 7/13/2011

SLDWST Page 1 of 1

FACILITY ID NUMBER, NAME AND LOCATION:

MAP ID NUMBER:

1

S
L
D
W
S
T

171901-1301. --HISTORICAL ENTR
DILLON CO SHORT TERM C&D LANDFILL

Dist (Miles): 0.39

Direction: S

DILLON, SC 29536

CONTACT NAME: MR. HARTSELL ROGERS

CONTACT TEL: 803-774-1400

COUNTY: DILLON

DISTRICT:

PERMIT TYPE: SHORT-TERM, LND-CLR DEB LF

PERMIT ISS:

PERMIT EXP:

LANDFILL INFO:

LANDFILL CLOSED?:

GROUNDWATER MONITORING? (Y/N): POST CLOSURE CARE:

FACILITY RENAMED OR RENUMBERED AS (IF APPLICABLE): /

FACILITY ID NUMBER, NAME AND LOCATION:

MAP ID NUMBER:

1

S
L
D
W
S
T

172900-1301
301 Farm Short Term Landfill

Dist (Miles): 0.39

Direction: S

, 0

CONTACT NAME:

CONTACT TEL:

COUNTY: Dillon

DISTRICT:

PERMIT TYPE:

PERMIT ISS:

PERMIT EXP:

LANDFILL INFO:

LANDFILL CLOSED?:

GROUNDWATER MONITORING? (Y/N): POST CLOSURE CARE:

FACILITY RENAMED OR RENUMBERED AS (IF APPLICABLE): /

SCDHEC BUREAU OF LAND AND WASTE MANAGEMENT

SOLID WASTE FACILITIES LIST

(SLDWST)

Report Date: 7/13/2011

SLDWST Page 1 of 1

FACILITY ID NUMBER, NAME AND LOCATION:

MAP ID NUMBER:

2

172483-3001
Nobles Corporation Yard Waste Compost
, 0

Dist (Miles): 0.46
Direction: SW

CONTACT NAME: MR. ALVIN J. NOBLES
CONTACT TEL: 843-774-8003

COUNTY: Dillon

DISTRICT:

PERMIT TYPE: COMP&WOOD CHIP/SHREDDING FAC

PERMIT ISS:

PERMIT EXP:

LANDFILL INFO:

LANDFILL CLOSED?:

GROUNDWATER MONITORING? (Y/N): POST CLOSURE CARE:

FACILITY RENAMED OR RENUMBERED AS (IF APPLICABLE): /

FACILITY ID NUMBER, NAME AND LOCATION:

MAP ID NUMBER:

2

172483-3001. --HISTORICAL ENTR
RURAL SANITATION INC
DILLON, SC 29536

Dist (Miles): 0.46
Direction: SW

CONTACT NAME: MR. ALVIN J. NOBLES
CONTACT TEL: 803-774-4831

COUNTY: DILLON

DISTRICT:

PERMIT TYPE: COMP&WOOD CHIP/SHREDDING FAC

PERMIT ISS:

PERMIT EXP:

LANDFILL INFO:

LANDFILL CLOSED?:

GROUNDWATER MONITORING? (Y/N): POST CLOSURE CARE:

FACILITY RENAMED OR RENUMBERED AS (IF APPLICABLE): /

FACILITY ID NUMBER, NAME AND LOCATION:

MAP ID NUMBER:

2

172483-3002
Nobles Corporation Wood Chipping Site
2349 Hwy 301 South
Dillon, SC 29536

Dist (Miles): 0.46
Direction: SW

CONTACT NAME:
CONTACT TEL:

COUNTY: Dillon

DISTRICT:

PERMIT TYPE:

PERMIT ISS:

PERMIT EXP:

LANDFILL INFO:

LANDFILL CLOSED?:

GROUNDWATER MONITORING? (Y/N): POST CLOSURE CARE:

FACILITY RENAMED OR RENUMBERED AS (IF APPLICABLE): /

USEPA FACILITY REGISTRY SYSTEM

(FRS)

Report Date: 7/13/2011

FRS Page 1 of 1

FACILITY ID NUMBER, NAME AND LOCATION:

110038221126
COASTAL AGROBUSINESS INC
2015 HWY 301 S
DILLON, SC 29536

MAP ID NUMBER:

Dist (Miles): 0.65
Direction: NE

3

FRS

Program ID No: 005549SC001 EPA Program: SSTS Section Seven Tracking System
Program Source: SSTS Interest Type: PESTICIDE PRODUCER
Fed Fac?: Fed Agcy: Tribal Fac?: Tribal Agcy:
Interest Start: 17-DEC-79 REGISTRATION RECEIVED DATE
Interest End:
Last Rptd: 30-SEP-08 Fac Active?:

SCDHEC CONFIRMED RELEASE REPORT

(LUST)

Report Date: 7/13/2011

LUST Page 1 of 1

FACILITY ID NUMBER, NAME AND LOCATION:

02854
J W BAILEY GROCERY
1937 HWY 301 S
DILLON, SC

MAP ID NUMBER:

Dist (Miles): 0.84
Direction: NE

4

L
U
S
T

Tank Owner:

J BAILEY

PROJ MGR: SKOWROJT

REL ID: 1

REL RPTD: 12/23/1991

REL CONFID: 3/20/1992

SUBST: PETRO

SCORE:

PRIORITY RANK: 3BA

STATUS: 1

NFA DATE:

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: 7/13/2011

TANKS Page 1 of 1

FACILITY ID NUMBER, NAME AND LOCATION:

02854
J W BAILEY GROCERY
1937 HWY 301 S
DILLON, SC

OWNERSHIP INFORMATION:

BAILEY
1937 HWY 301 S
DILLON SC
843-774-4602
CON:
CON TEL: 843-774-4602

MAP ID NUMBER:

Dist (Miles): 0.84

Direction: NE

4

T
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TANK DETAIL

TANK #:	TANK CAP(GALS):	CALC AGE:	CONTENTS:	TANK STATUS:
1	3000	15	GASOLINE	ABANDONED
2	1000	15	GASOLINE	ABANDONED
3	1000	15	GASOLINE	ABANDONED

PROXIMAL RECORDS TABLE

Report Date: 7/13/2011

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.

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ENVIRONMENTAL DATA MANAGEMENT
Comprehensive ASTM Research
PROXIMAL RECORDS TABLE

Report Date: 7/13/2011

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 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	U S I B N S T E N G	U S B R W N 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 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 A T S	B R S	P A D S	P C S	F R S	T R I S	
1A)	02854 J W BAILEY GROCERY 1937 HWY 301 S DILLON, SC.	Dist/Dir: 0.8 NE														X													
1A)	110017010303 J W BAILEY GROCERY 1937 HWY 301 S DILLON, SC. 295369802	Dist/Dir: 0.8 NE																										X	

NONMAPPED RECORDS TABLE

Report Date: 7/13/2011

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

Report Date: 7/13/2011

NON-MAPPED RECORDS TABLE

Page 1 of 6

		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 N S	C O R R A C T S	T S D	N O N T S D	T R I B L T A N K S	T R I B L L U S T	U S I N S T E N G	U S B R W N 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 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 S S	F R S S	T R I S	
	13645 PERDUE FARMS, SITE 2 UNKNOWN , SC.															X													
	13498 HARDEES (PROPOSED), DILLON UNKNOWN , SC.															X													
	13411 DILLON PROPOSED COMM. RESIDENC UNKNOWN , SC.															X													
	14217 BRAXTON PROPERTY UNKNOWN , SC.															X													
	763007 MILEPOST SH239.5 DILLON, SC.				X																								
	832577 CSX RAILROAD DILLON, SC.				X																								
	628946 MILE MARKER 183, I-95 DILLON, SC.				X																								
	SCD987577087 KENNYS PAINT BODY & FRAME SHOP HWY 301 DILLON, SC. 29536							X																					X
	SCG645023 TRICO/FRED HYATT WTP- HWY 301 S DILLON, SC.																											X	
	110017097201 DILLON SCHOOL DIST 2 HWY 301 SOUTH DILLON, SC. 29536																												X
	SC0000613315 COASTAL CHEMICAL CORP HWY 301 S DILLON, SC. 29536																												X
	110016951618 DILLON ANIMAL HOSPITAL HWY 301 S DILLON, SC. 29536																												X
	SCD987596764 MOORES BODY SHOP MT CALVARY COMMUNITY DILLON, SC. 29536							X																					X
	110007837323 MOORES BODY SHOP MT CALVARY COMMUNITY DILLON, SC. 29536																												X
	02848 HAMILTON GROCERY OLD LATTA HWY DILLON, SC. 29536														X	X													
	110017113684 HAMILTON GROCERY OLD LATTA HWY DILLON, SC. 29536																												X

ENVIRONMENTAL DATA MANAGEMENT

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Report Date: 7/13/2011

NON-MAPPED RECORDS TABLE

Page 2 of 6

		REGULATORY LISTS																											
		N P L	C E R C L S	N F R A P	E R N S	C O R R A C T S	T 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 S T E N G	U S B 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 S	F R S	T R I S	
MAPID#	FAC ID, NAME AND LOCATION																												
	110016959308 HODGES TAVERN PO BOX 112 DILLON, SC. 29536																											X	
	02827 CANAL FOREST RESOURCES INC PO BOX 1160 DILLON, SC.															X													
	110017091467 CANAL FOREST RESOURCES INC PO BOX 1160 DILLON, SC. 29536																											X	
	110020000345 MOHAWK CARPET CORP PO BOX 1248 DILLON, SC. 29536																											X	
	110016986369 PALMETTO PROPERTIES INC PO BOX 1328 DILLON, SC. 29536																											X	
	02835 RYDER TRUCK RENTAL INC PO BOX 1344 DILLON, SC.													X	X														
	110017101223 TRICO WATER COMPANY PO BOX 1476 DILLON, SC. 29536																											X	
	SC0000521716 TRICO/BERMUDA WATER TTMT PLT PO BOX 1476 DILLON, SC. 29536																											X	
	110017010278 INSTITUTIONAL FOOD HOUSE PO BOX 1657 DILLON, SC. 29536																											X	
	02859 INSTITUTIONAL FOOD HOUSE PO BOX 1657 DILLON, SC.													X	X														
	110017154425 PALMETTO PETROLEUM PO BOX 30 DILLON, SC. 29536																											X	
	11001998243 DILLON CITY OF PO BOX 431 DILLON, SC. 29536																											X	
	110008561467 DILLON MAPLE SWAMP PLANT PO BOX 431 DILLON, SC. 29536																											X	
	110019968338 DILLON MARION & MARLBORO COUNTIES IND PO BOX 449 DILLON, SC. 29536																											X	
	110016959326 COLLINSVILLE PO BOX 5 DILLON, SC. 29536																											X	
	110016959335 MARYS MOTEL PO BOX 5 DILLON, SC. 29536																											X	

ENVIRONMENTAL DATA MANAGEMENT

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NON-MAPPED RECORDS TABLE

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		REGULATORY LISTS																											
		N P L	C E R C L S	N F R A P	E R N S	C O R R A C T S	T S D	N O N T S D	T R I B L T A N K S	T R I B L L U S T	U S I N S T E N G	U S B R W N 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 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 S S	F R S S	T R I S	
MAPID#	FAC ID, NAME AND LOCATION																												
	110017086213 PAGE FOODS INC PO BOX 952 DILLON, SC. 29536																											X	
	SC0041866 HAYES CATFISH FARM- ROUTE 2 BOX 279 DILLON, SC.																										X		
	02860 MOODYS GROCERY RT 1 DILLON, SC.															X													
	02861 MINTURN COUNTRY STORE RT 1 DILLON, SC.															X													
	110017010241 DANNYS MINI MART RT 2 BOX 175 DILLON, SC. 29536																											X	
	SCD987592565 HAYES CATFISH FARM RT 2 BOX 279 DILLON, SC. 29536																											X	
	110017010367 FOXES HOLSUM BAKERY INC RT 2 BOX 559 DILLON, SC. 29536																											X	
	02862 DANNYS MINI MART RT 2 PO BOX 175 DILLON, SC.															X													
	02828 FOXES HOLSUM BAKERY INC RT 2 PO BOX 559 DILLON, SC.														X	X													
	02858 V & H GROCERY RT 3 DILLON, SC.															X													
	110002176038 LATTYMER S MHP RT 3 BOX 322 19 DILLON, SC. 29536																											X	
	02849 L B COWARD GROCERY RT 3 PO BOX 760 DILLON, SC.															X													
	110016959317 MILLER S GROCER RTE 3 PO BOX 687 DILLON, SC. 29536																											X	
	02837 SUPER TEST STATION LOC #7880 SC HWY DILLON, SC. 29536															X													
	18243 CIRCLE K AFFL 07880 SC HWY DILLON, SC. 29															X													
	SC0021784 DILLON/MAPLE SWAMP PLANT- TOWN OF DILLON-P.O. DWR 431 DILLON, SC.																									X			

ENVIRONMENTAL DATA MANAGEMENT

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NON-MAPPED RECORDS TABLE

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		REGULATORY LISTS																											
MAPID#	FAC ID, NAME AND LOCATION	N P L	C E R C L S	N F R A P	E R N S	C O R R A C T S	T 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 B R W N F L D S	U S B R W N 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 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 S	F R S	T R I S	
	18120 CIRCLE K AFFL 00405 UNKNOWN DILLON, SC. 29															X													
	13646 PERDUE FARMS INC. UNKNOWN DILLON, SC.															X													
	18123 CIRCLE K AFFL 07876 UNKNOWN DILLON, SC. 29															X													
	110031195677 E-85 INC US HWY 301 DILLON, SC. 29536																											X	
	110040508331 E-85, INC US HWY 301 DILLON, SC. 29536																											X	
	SC0000521955 E & J GROCERY/DILMAR OIL DILMAR OIL-P O BOX 128 LATTA, SC. 29565																											X	
	SC0000521963 FOOD CHIEF (FRMLY THE HONEY BE FOOD CHIEF-P O BOX 338 LATTA, SC. 29565																											X	
	110017098488 HAPPY OIL CO HWY 301 LATTA, SC. 29565																											X	
	SC0001955368 GOLD KIST:LATTA HWY 301 N LATTA, SC. 29585																											X	
	110038221750 SSC, INC. - LATTA SVC. - LATTA BR. HWY. 301 N. LATTA, SC. 29565																											X	
	02912 MALLORY GROCERY MALLORY CROSSROADS LATTA, SC. 29565															X													
	110017099281 MALLORY GROCERY MALLORY CROSSROADS LATTA, SC. 29565																											X	
	SC0045268 FOOD CHIEF (FRMLY THE HONEY BE- P O BOX 338 LATTA, SC.																										X		
	15781 PAPERBOARD INDUSTRIES P.O.BOX 667 LATTA, SC. 29565														X	X													
	110017017379 FOOD CHIEF #25/DILMAR OIL PO BOX 128 LATTA, SC. 29565																											X	
	110017017360 FOOD CHIEF #24/DILMAR OIL PO BOX 128 LATTA, SC. 29565																											X	

ENVIRONMENTAL DATA MANAGEMENT

Comprehensive ASTM Research

Report Date: 7/13/2011

NON-MAPPED RECORDS TABLE

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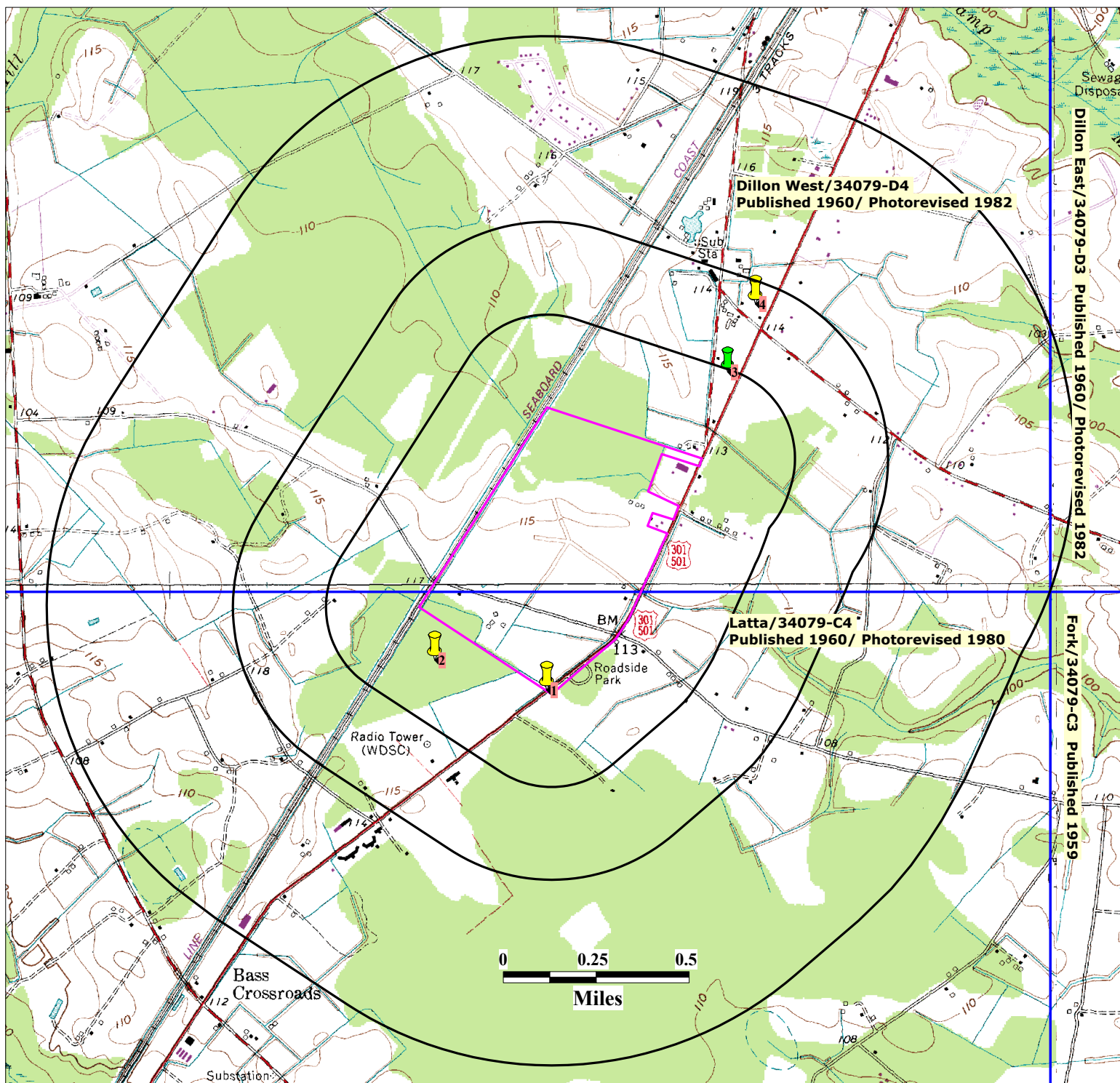
		REGULATORY LISTS																									
MAPID#	FAC ID, NAME AND LOCATION	N P L	C E R C L S	N F R A P	E R N S	C O R R A C T S	T O N T S D	T R I B L T A N K S	T R I B L L U S T	U S I S B R W N F L D S	U S T N P L	S L D W S T	L U S T	T A N K S	B R W N F L D S	V O L C L N U P	D R Y	S P I L L S	I N S T E N G	R O A D S	R A T S	B R A S	P A D S	P C S	F R S	T R I S	
	110016987867 FOOD CHIEF #31/DILMAR OIL PO BOX 128 LATTA, SC. 29565																									X	
	110017017388 FOOD CHIEF #35/DILMAR OIL PO BOX 128 LATTA, SC. 29565																									X	
	110017017397 FOOD CHIEF #36/DILMAR OIL PO BOX 128 LATTA, SC. 29565																									X	
	SC0043648 DILMAR OIL COMPANY- PO BOX 128 LATTA, SC.																								X		
	110017198165 DILMAR OIL/CONWAY BULK PLT PO BOX 128 LATTA, SC. 29565																									X	
	110017017351 DILMAR OIL COMPANY PO BOX 128 LATTA, SC. 29565																									X	
	110016991790 BETHEA MHP PO BOX 335 LATTA, SC. 29565																									X	
	110017017404 FOOD CHIEF PO BOX 338 LATTA, SC. 29565																									X	
	110016959380 SHADY PINE CG PO BOX 375 LATTA, SC. 29565																									X	
	110019936239 LATTA MILLING & GRAIN CO PO BOX 85 LATTA, SC. 29565																									X	
	11936 HAYES & SONS 66 & MUFFLER SHOP RT 1 LATTA, SC.												X	X													
	110017010312 GEORGE FRAZIER GROC RT 2 LATTA, SC. 29565																									X	
	02863 PAYLO RT 2 BOX 214 LATTA, SC.												X	X													
	110017114102 PAYLO RT 2 BOX 214 LATTA, SC. 29565																									X	
	110031195640 LATTA MILLNG&GRAIN-CLOSED US HWY 301 LATTA, SC. 29565																									X	
	110017157725 GOLD KIST COMPLEX US HWY 301 N LATTA, SC. 29565																									X	

ENVIRONMENTAL DATA MANAGEMENT
Comprehensive ASTM Research
NON-MAPPED RECORDS TABLE

Report Date: 7/13/2011

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		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 N S	C O R R A C T S	T S D	N O N T S D	T R I B L T A N K S	T R I B L L U S T	U S I N S T E N G	U S B 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 S	F R S	T R I S	
110031245089 SOUTHERN STATES:LATTA-CLOSED US HWY 301 N LATTA, SC. 29565																													X



Source: USGS Digital Raster Graphic (DRG)

Map Scale and Site Locations are Approximate

Subject Property

Dan Rogers Industrial Park
Tax Map No's 80-00-00-034 and 80-00-00-081
Dillon County, South Carolina

EDM Job No: 20993
July 13, 2011

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



No Maps Available


Source: USGS and University of Florida

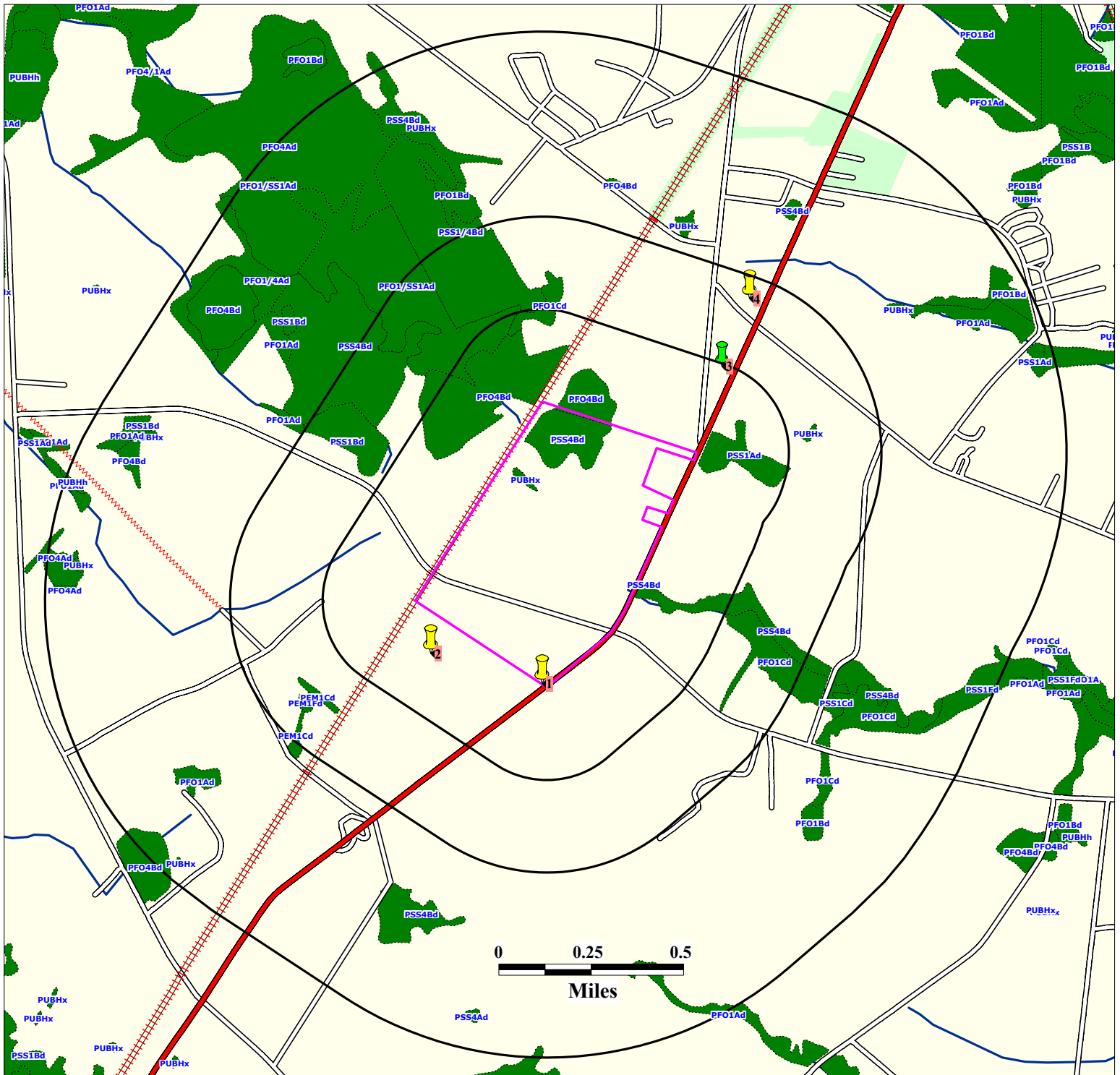
Map Scale and Site Locations are Approximate

Subject Property

Dan Rogers Industrial Park
Tax Map No's 80-00-00-034 and 80-00-00-081
Dillon County, South Carolina

EDM Job No: 20993
July 13, 2011

 Approximate Site Boundary



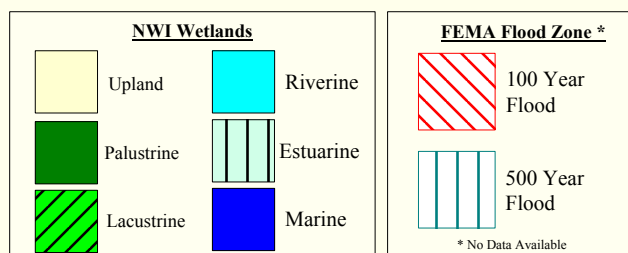
Source: US Fish & Wildlife Svc Natl Wetlands Inventory, US FEMA Q3 Flood Data

Map Scale and Site Locations are Approximate

Subject Property

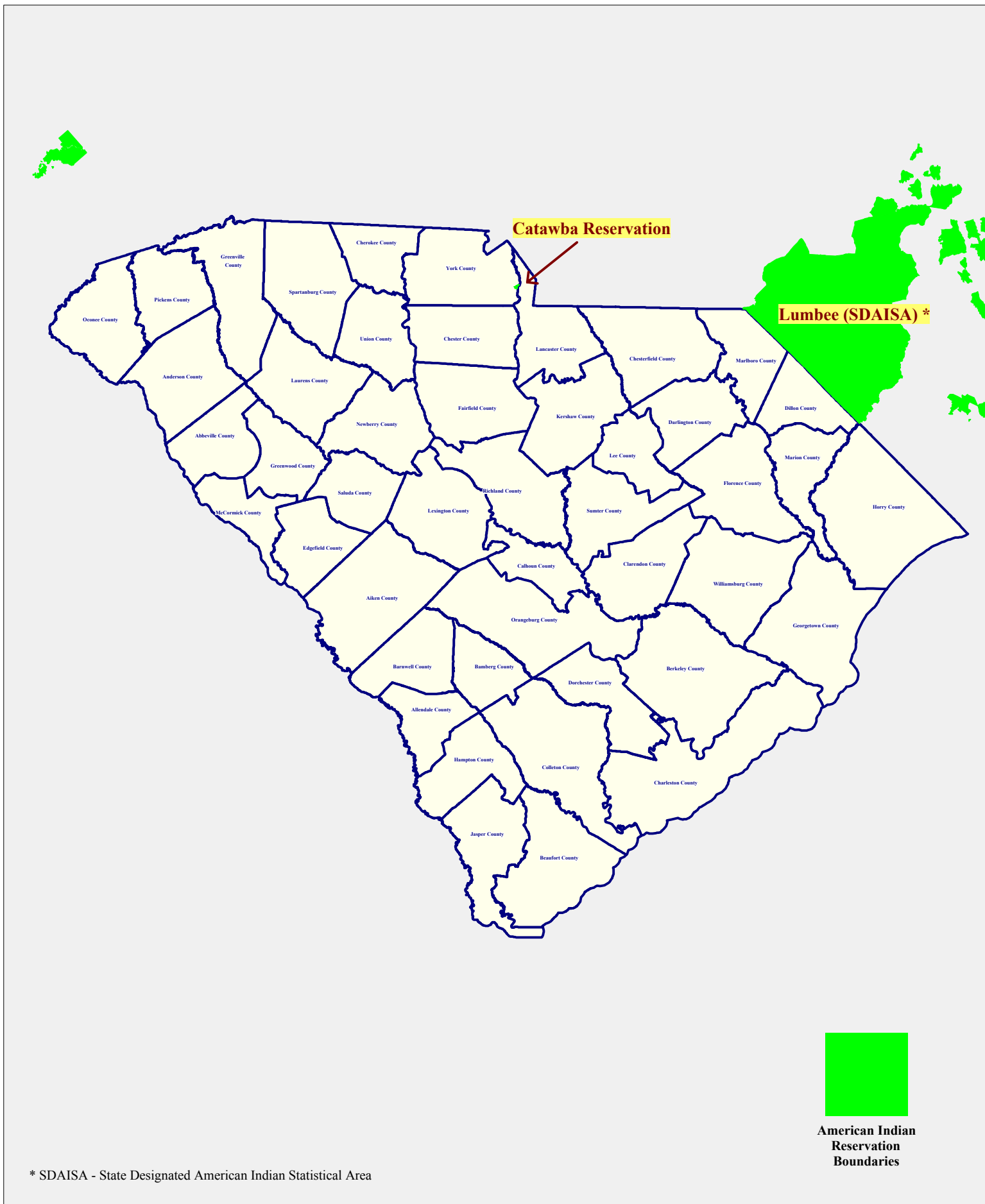
Dan Rogers Industrial Park
Tax Map No's 80-00-00-034
and 80-00-00-081
Dillon County, South Carolina

EDM Job No: 20993
July 13, 2011



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



Agency List Descriptions

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

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: 3/31/2011

Received by EDM: 4/20/2011

EDM Database Updated: 4/20/2011

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: 3/10/2011

Received by EDM: 4/21/2011

EDM Database Updated: 4/22/2011

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: 1/4/2011

Received by EDM: 3/29/2011

EDM Database Updated: 3/29/2011

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: 4/21/2011

Received by EDM: 4/21/2011

EDM Database Updated: 4/21/2011

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: 3/10/2011

Received by EDM: 4/21/2011

EDM Database Updated: 4/21/2011

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: 3/29/2011

Received by EDM: 3/29/2011

EDM Database Updated: 3/29/2011

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: 3/10/2011

Received by EDM: 4/21/2011

EDM Database Updated: 4/21/2011

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: 5/9/2011

Received by EDM: 5/9/2011

EDM Database Updated: 5/9/2011

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: 5/9/2011

Received by EDM: 5/9/2011

EDM Database Updated: 5/11/2011

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 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: 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: 8/31/2010

Received by EDM: 11/10/2010

EDM Database Updated: 11/10/2010

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: 12/28/2009

Received by EDM: 12/30/2009

EDM Database Updated: 1/5/2010

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

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

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	<div>--1=TIDAL-----</div> <div>--2=LOWER PERENNIAL----</div> <div>--3=UPPER PERENNIAL----</div> <div>--4=INTERMITTENT-</div> <div>--5=UNKNOWN PERENNIAL---- (used on older maps)</div>	- 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	<div>-- 1=LIMNETIC----</div> <div>-- 2=LITTORAL----</div>	- 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	
WATER REGIME	-----	- 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	
		- K=Artificially Flooded	
		- L=Subtidal	
		- M=Irregularly Exposed	
		- N=Regularly Flooded	
		- P=Irregularly Flooded	
WATER REGIME	-----	- *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	-----	- b=Beaver	SPECIAL MODIFIERS-----	- d=Partially Drained/Ditched
		- h=Diked/Impounded		- f=Farmed
		- 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

Dan Rogers Industrial Park
Tax Map No's 80-00-00-034 and 80-00-00-081
Dillon 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

July 13, 2011



Environmental Data Management, Inc.
2840 West Bay Drive, Suite 208
Largo, Florida 33770
Tel. (727) 586-1700 Fax (727) 585-1701
<http://www.edm-net.com>

July 13, 2011

Client Proj #:

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

Subject: **Historical Aerial Photos-- EDM Project #: 20993**

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:

**Dan Rogers Industrial Park
Tax Map No's 80-00-00-034 and 80-00-00-081
Dillon County, South Carolina**

These images were selected to provide you with an aerial photographic record of this location **at intervals of 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: USDA Natl Agriculture Imagery Program (NAIP)

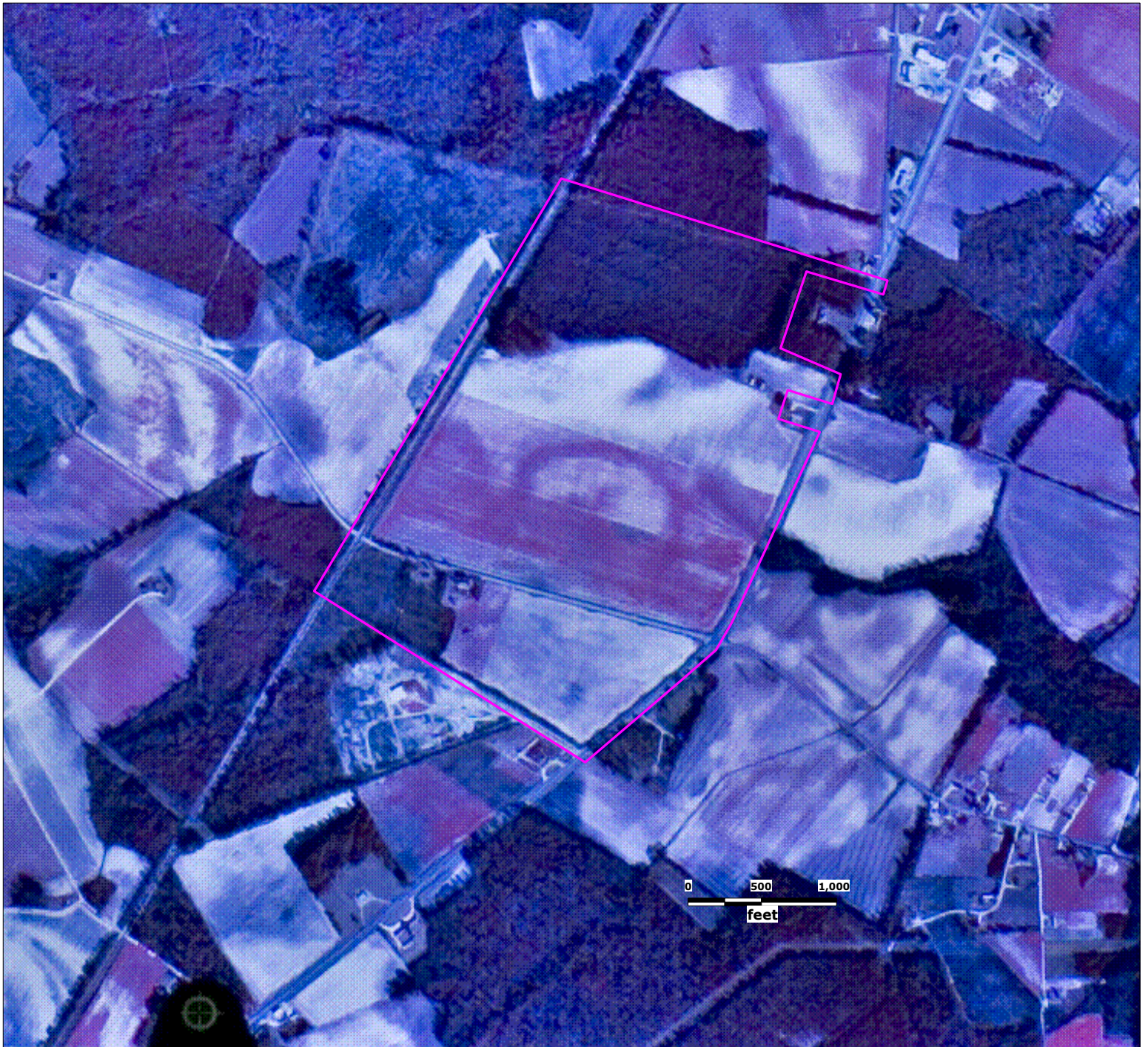
Map Scale and Property
Boundaries are Approximate

Subject Property

Dan Rogers Industrial Park
Tax Map No's 80-00-00-034 and 80-00-00-081
Dillon County, South Carolina

EDM Job No: 20993
July 13, 2011

— Approximate Site Boundary



Source: USGS Natl Aerial Photography Program (NAPP)

Map Scale and Property
Boundaries are Approximate

Subject Property

Dan Rogers Industrial Park
Tax Map No's 80-00-00-034 and 80-00-00-081
Dillon County, South Carolina

EDM Job No: 20993
July 13, 2011

— Approximate Site Boundary



Source: USGS Digital Orthophoto Quadrangles (DOQ)

Map Scale and Property
Boundaries are Approximate

Subject Property

Dan Rogers Industrial Park
Tax Map No's 80-00-00-034 and 80-00-00-081
Dillon County, South Carolina

EDM Job No: 20993
July 13, 2011

— Approximate Site Boundary



Source: USGS Single Frame Records - EROS Historical Film Archives

Map Scale and Property
Boundaries are Approximate

Subject Property

Dan Rogers Industrial Park
Tax Map No's 80-00-00-034 and 80-00-00-081
Dillon County, South Carolina

EDM Job No: 20993
July 13, 2011

— Approximate Site Boundary



Source: USGS Single Frame Records - EROS Historical Film Archives

Map Scale and Property
Boundaries are Approximate

Subject Property

Dan Rogers Industrial Park
Tax Map No's 80-00-00-034 and 80-00-00-081
Dillon County, South Carolina

EDM Job No: 20993
July 13, 2011

— Approximate Site Boundary



Source: USGS Single Frame Records - EROS Historical Film Archives

Map Scale and Property
Boundaries are Approximate

Subject Property

Dan Rogers Industrial Park
Tax Map No's 80-00-00-034 and 80-00-00-081
Dillon County, South Carolina

EDM Job No: 20993
July 13, 2011

— Approximate Site Boundary



Source: USGS Single Frame Records - EROS Historical Film Archives

Map Scale and Property
Boundaries are Approximate

Subject Property

Dan Rogers Industrial Park
Tax Map No's 80-00-00-034 and 80-00-00-081
Dillon County, South Carolina

EDM Job No: 20993
July 13, 2011

— 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 DAN ROGERS INDUSTRIAL PARK
IN DILLON COUNTY, SOUTH CAROLINA

PROJECT NO.:
11129-17

CLIENT: DILLON COUNTY ECONOMIC DEVELOPMENT PARTNERSHIP

PROJECT ADDRESS: DILLON COUNTY TAX MAP NUMBERS 80-00-00-034 AND 80-00-00-081

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 - QUESTIONNAIREPROJECT NAME: PHASE I ESA FOR THE DAN ROGERS INDUSTRIAL PARKADDRESS: INTERSECTION OF US HWY 301/501 AND W. COUNTRYSIDE ROAD
DILLON, SOUTH CAROLINA 29536CLIENT: DILLON COUNTY ECONOMIC DEVELOPMENT PARTNERSHIP

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 - QUESTIONNAIREPROJECT NAME: PHASE I ESA FOR THE DAN ROGERS INDUSTRIAL PARKADDRESS: INTERSECTION OF US HWY 301/501 AND W. COUNTRYSIDE ROAD
DILLON, SOUTH CAROLINA 29536

CLIENT: DILLON COUNTY ECONOMIC DEVELOPMENT PARTNERSHIP

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 DAN ROGERS INDUSTRIAL PARK

ADDRESS: INTERSECTION OF US HWY 301/501 AND W. COUNTRYSIDE ROAD
DILLON, SOUTH CAROLINA 29536

CLIENT: DILLON COUNTY ECONOMIC DEVELOPMENT PARTNERSHIP

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 DAN ROGERS INDUSTRIAL PARK

ADDRESS: INTERSECTION OF US HWY 301/501 AND E. COUNTRYSIDE ROAD

DILLON, SOUTH CAROLINA 29536

CLIENT: DILLON COUNTY ECONOMIC DEVELOPMENT PARTNERSHIP

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 Wine
Title: Engineering Associate
Firm: Alliance Consulting Engineers, Inc.
Address: P.O. Box 8147
Columbia, SC 29202-8147
Phone Number: 803-779-2078
Date: August 25, 2011

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

Name of interviewees: Mr. Dan Rogers, Owner

Interviewee's address:

Interviewee's phone number: (803) 781-4401

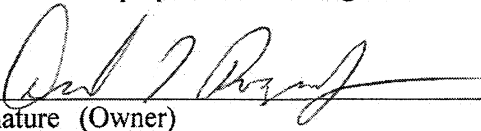
Preparer's relationship to site:

Preparer's relationship to user:

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: Dillon County Economic Development Partnership, 109 S. 3rd Avenue, P. O. Box 449, Dillon, South Carolina 29536

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.



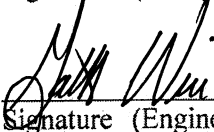
Signature (Owner)

8-30-11

Date

Signature (Occupant, if applicable)

Date



Signature (Engineer)

8-30-11

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

BY: GARRETT WINE

DATE: AUGUST 26, 2011

TIME: 2:00 PM

PROJECT NAME: PHASE I ESA FOR THE DAN ROGERS INDUSTRIAL PARK
IN DILLON COUNTY, SOUTH CAROLINA

PROJECT NO.: 11129-17

PERSON: BOBBY HORTON

POSITION: FIRE CHIEF

COMPANY: DILLON COUNTY

PHONE NO: (843) 841-5230

E-MAIL ADDRESS: N/A

FAX NO: N/A

ADDRESS: 201 WEST HOWARD STREET, DILLON, SOUTH CAROLINA 29536

TELEPHONE ☒ IN PERSON ☐

NOTES:

- Never responded to the Dan Rogers Industrial Park for a fire or for spills of hazardous substances or petroleum products

- Property has been previously used as farmland

ACTION ITEMS:

None

APPENDIX D
S&ME, INC. PHASE I ESA REPORT
DATED AUGUST 12, 2005

**PHASE I ENVIRONMENTAL
SITE ASSESSMENT
DAN A. ROGERS SITE
DILLON COUNTY, SOUTH CAROLINA
S&ME PROJECT NO. 1614-05-292**

Prepared For:

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

Prepared By:



231 Labonte Street
Conway, South Carolina 29526

August 12, 2005



August 12, 2005

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

Attention: Mr. Jamie Frost, P.E

Reference: **Phase I Environmental Site Assessment**
Dan A. Rogers Site
Dillon County, South Carolina
S&ME Project No. 1614-05-292

Dear Mr. Frost:

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

Thomas C. Still, P.E.
Branch Manager

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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 west of U.S. Highway 301 and north of Secondary Road 292, approximately four miles northwest of Latta (Dillon 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 north. The southern portion of the site is currently in use as agricultural land and the north portion of the site is undeveloped forestland. The site visit did not indicate the presence of an REC.

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

The search of federal and state environmental databases by Environmental Data Resources, Inc. (EDR) identified no offsite findings. The subject property was not listed on the databases that were reviewed.

In summary, this assessment has revealed no evidence of *Recognized Environmental Conditions* 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* (REC) 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 1968, 1980, 1993 and 1999. Because of the limited data, the operational history of the subject property was not documented at intervals of approximately five years.

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 west of U.S. Highway 301 and north of Secondary Road 292 approximately four miles northwest of Latta (Dillon County), South Carolina. The southern portion of the site is farmed and as an agricultural field and the north portion of the site is undeveloped forestland. 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 Dillon County that is undeveloped or in use as farm land. The topography at the subject property gradually slopes downward to the north.

3.3 CURRENT USE OF THE PROPERTY

The subject property is currently undeveloped.

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

S&ME personnel performed a site reconnaissance on July 15, 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 roads or structures on the subject property. The subject property can be accessed from Secondary Road 292 to the south.

3.5 CURRENT USES OF THE ADJOINING PROPERTIES

North: A cleared field is located north of the subject property.

South: A cleared field is located south of the subject property.

East: A cleared field and two residential dwellings are located east of the subject property.

West: Undeveloped forestland, separated from the subject property by Seaboard Coast Line rail road track, 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

Duncan Rogers 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

No other information was provided by the client.

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. The subject property was not listed on the state or federal databases in the EDR Report, dated July 14, 2005.

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	5/16/05	1.0-mile
SPL/SHWS	SCDHEC	6/16/05	1.0-mile
CORRACTS	US EPA	5/16/05	1.0-mile
CERCLIS	US EPA	4/06/05	0.5-mile
CERCLIS-NFRAP	US EPA	4/06/05	0.25-mile
RCRA-TSD	US EPA	4/25/05	0.5-mile
LUST	SCDHEC	6/29/05	0.5-mile
SWLF	SCDHEC	5/13/05	0.5-mile
UST	SCDHEC	6/30/05	0.25-mile
AST	SCDHEC	3/23/05	Target Property
RCRA-Generators	US EPA	4/25/05	0.25-mile
ERNS	US EPA	3/24/05	Target Property
SPILLS	SCDHEC	3/02/05	Target Property
SCGWCI	SCDHEC	4/25/05	0.5-mile
DRY CLEANERS	SCDHEC	2/28/05	0.25-mile

The EDR report listed no onsite or offsite findings.

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, Latta, South Carolina Quadrangle revision date 1980, 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 cleared land on the southern portion and forestland on the northern portion.

The EDR Report was consulted to examine the soil type underlying the subject property. According to the report, the site falls within the Smithboro silt loam soil series. Smithboro soils are somewhat poorly drained with very slow infiltration rates.

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: 1968, 1980, 1993 and 1999. The previously noted aerial photographs depict the subject property as an agricultural field on the southern portion of the site and undeveloped forestland on the north portion of the site. Two structures of what appear to be sheds are visible on the eastern cleared portion of the subject property.

In the 1980 topographic map, the subject property appears similar in use to the above aerial

photographs.

5.5 HISTORICAL USE INFORMATION ON ADJOINING PROPERTIES

The land to the north appears to be undeveloped and wooded in the 1968 through 1999 aerial photographs. The land to the east appears to be cleared and developed with two residential dwellings in the 1968 through 1999 aerial photographs. The land to the west and south appears to be cleared and undeveloped in the 1968 through 1999 aerial photographs.

The 1980 topographic map depicts similar conditions to those described above for the adjacent properties.

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.

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

The subject property previously contained two structures of what appeared to be sheds.

6.2.3 Current Uses of Adjoining Properties

North: The north adjacent property is in use as agricultural land.

South: A cleared field is located south of the subject property.

East: A cleared field and two residential dwellings are located east of the subject property.

West: Undeveloped forestland, separated from the subject property by Seaboard Coast Line rail road track, 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 north. The surrounding areas appear to be gradually sloping to the north.

No on-site surface waters including ponds, lagoons or streams were observed during the site reconnaissance. No confirmation of groundwater conditions was made during the site visit.

6.2.6 General Description of Roads and Structures

The subject property is bordered to the east by U.S. Highway 301 and Secondary Road 292 to the south. A narrow unpaved road borders the perimeter of the field.

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 – None observed.
- 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

Duncan Rogers was interviewed concerning his knowledge of environmental concerns associated with the subject property. Mr. Rogers stated in a telephone interview dated July 21, 2005, that he was not aware of any environmental concerns associates with 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 contacted Senior Firefighter J.J. Coward with the Dillon Fire Department to inquire of any spills or emergency responses involving hazardous materials or petroleum products on the subject property. Firefighter Coward was not aware of any problems or spills on or near the immediate area of the subject property.

7.5 INTERVIEWS WITH OTHERS

No others were interviewed in the preparation of this report.

8.0 FINDINGS

There were no onsite or offsite finding identified as potential environmental concerns during the site reconnaissance.

9.0 OPINIONS

This assessment has revealed no evidence of RECs in connection 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 west of U.S. Highway 301 and north of Secondary Road 292, approximately four miles northwest of Latta (Dillon County), South Carolina. Exceptions to this practice are described in Section 2.4 of this report.

This assessment has revealed no evidence of *recognized environmental conditions* 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.

12.0 REFERENCES

1. United States Geological Survey (USGS), 7.5-minute Series, Topographic Map, Latta, South Carolina Quadrangle 1980.

13.0 ADDITIONAL SERVICES

S&ME performed a preliminary geotechnical exploration, a wetland determination and an endangered species assessment. These reports 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 Jr. and Mr. Thomas C. Still. Mr. Oates is a Natural Resources Project Manager 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. Still is a Senior Engineer with over 11 years of experience. Projects he has managed include geotechnical exploration, construction materials testing and materials engineering projects. Mr. Still is a Branch Manager and senior reviewer for S&ME and has also attended ASTM training for Phase I Environmental Site Assessments.

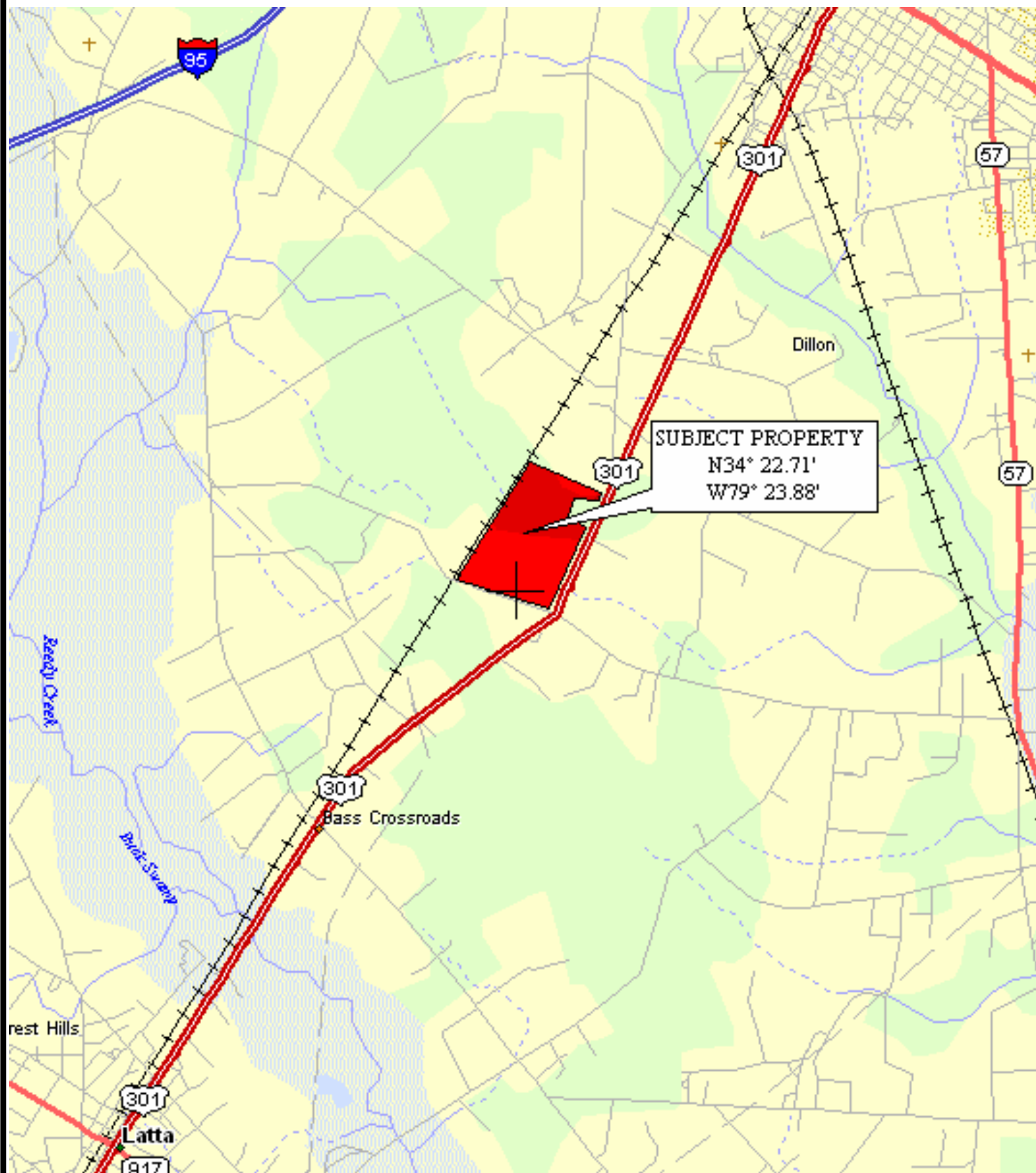
APPENDIX A

FIGURES

FIGURE 1 – SITE VICINITY MAP

FIGURE 2 – SITE TOPOGRAPHIC MAP

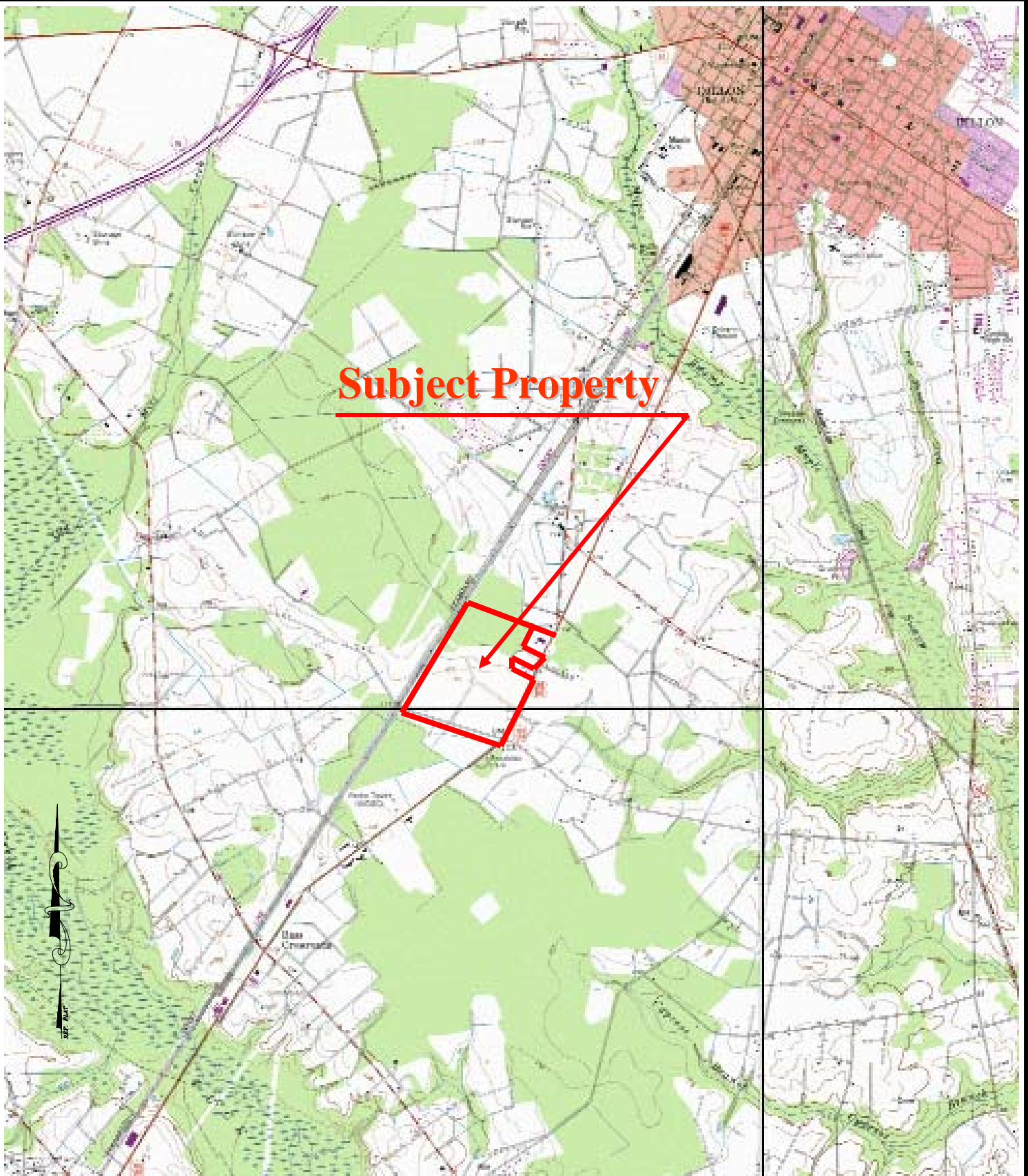
FIGURE 3 – SITE AERIAL MAP



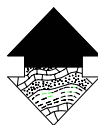
SCALE:	NTS
SOURCE:	1999 DeLORME Street Atlas
DRAWN BY:	CCO
DATE:	August, 2005



SITE VICINITY MAP Dan A Rogers Site Dillon County, South Carolina	FIGURE NO
	1
JOB NO. 1614-05-292	



SCALE:	NTS
SOURCE:	USGS 7.5 Min Latta Quadrangle
SOURCE DATE:	1980
DATE:	August, 2005



S&ME

ENVIRONMENTAL SERVICES
ENGINEERING • TESTING

SITE TOPOGRAPHIC MAP
Dan A. Rogers Site
Dillon County, South Carolina

JOB NO. 1614-05-292

FIGURE NO

2

Subject Property



SCALE: NTS
SOURCE: 1999 NAPP AERIAL PHOTOGRAPH
DRAWN BY: CCO
DATE: July, 2005



SITE AERIAL PHOTOGRAPH
Dan A Rogers Site
Dillon County, South Carolina

JOB NO. 1614-05-292

FIGURE NO

3

APPENDIX B

SITE PHOTOGRAPHS

Phase I Environmental Site Assessment

S&ME Project No. 1614-05-292

Dan A. Rogers Site

July, 2005



Southern property boundary facing west.



Southern adjacent property.



Western property boundary facing north.



Western adjacent property.



Eastern property boundary facing north.



Eastern adjacent property.

Phase I Environmental Site Assessment

S&ME Project No. 1614-05-292

Dan A. Rogers Site

July, 2005



Northern property boundary facing west.



Northern adjacent property.



Subject property facing east.

APPENDIX C

HISTORICAL RESEARCH DOCUMENTATION



"Linking Technology with Tradition"®

Sanborn® Map Report

Ship To: Casey Wollard
S&ME, Inc.
231 Labonte Street
Conway, SC 29526

Order Date: 7/14/2005 **Completion Date:** 7/14/2005

Inquiry #: 1465547.2

P.O. #: NA

Site Name: Dan A Rogers Site

Address: Highway 301

City/State: DILLON, SC 29536

Cross Streets:

Customer Project: 1614-05-292
7012766ERN 843-347-7800

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

ENVIRONMENTAL DATABASE REPORT



The EDR Radius Map with GeoCheck®

**Dan A Rogers Site
Highway 301
DILLON, SC 29536**

Inquiry Number: 01465547.1r

July 14, 2005

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06460

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

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EXECUTIVE SUMMARY

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 301
DILLON, SC 29536

COORDINATES

Latitude (North):	34.378500 - 34° 22' 42.6"
Longitude (West):	79.398000 - 79° 23' 52.8"
Universal Transverse Mercator:	Zone 17
UTM X (Meters):	647292.2
UTM Y (Meters):	3805091.8
Elevation:	114 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property:	34079-D4 DILLON WEST, 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
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EXECUTIVE SUMMARY

SWF/LF	Permitted Landfills List
LUST	Leaking Underground Storage Tank 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 Identification Initiative Program Summary Report
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
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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 not identified.

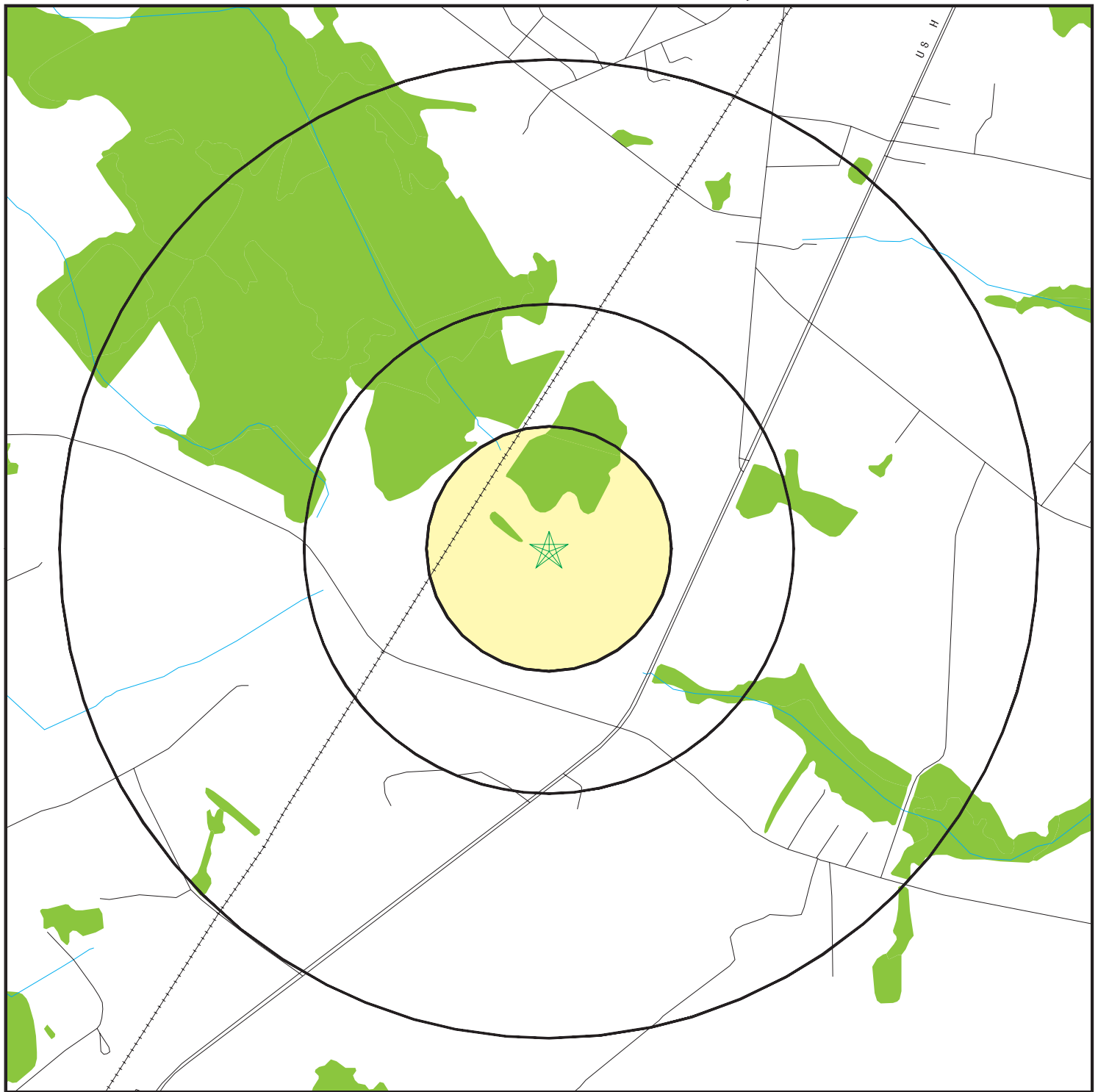
Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
NOBLES CORPORATION WOOD CHIPPING S	SWF/LF
BP AT SOUTH OF THE BORDER	FINDS, LUST
ED F HODGES INC STATION 4	FINDS, LUST
PANTRY 3222 DBA FOOD CHIEF	FINDS, LUST
DILLON AMOCO	FINDS, LUST
DILLON EXXON	FINDS, LUST
STRICKLANDS EXXON	FINDS, LUST
DILLON PATROL FACILITY	FINDS, LUST
J W BAILEY GROCERY	FINDS, LUST
STONEWALL JACKSON SUPERMARKET	LUST
PIXIE MART	FINDS, LUST
301 N SERVICE CENTER	FINDS, LUST
HAYES & SONS 66 & MUFFLER SHOP	LUST, UST
GEORGE FRAZIER GROC	FINDS, LUST
HAYES LATTA TEXACO	FINDS, LUST
LANES CONVENIENCE STORE	FINDS, LUST
HAPPY OIL CO	FINDS, LUST
PENSKE TRUCK LEASING CO LP	LUST
LATTA SUN OIL	FINDS, LUST
LATTA SCHOOL BUS SHOP	LUST, UST
GOLD KIST COMPLEX	FINDS, LUST
CHARLIE BRITT GROCERY	FINDS, LUST
BROWN PROPERTY PAWLEYS	LUST
PORKY'S AT SOUTH OF THE BORDER	UST
STRICKLANDS EXXON	GWCI, UST
J W BAILEY GROCERY	GWCI, UST
BP AT SOUTH OF THE BORDER	GWCI, UST
EXXON AT SOUTH OF THE BORDER	UST
DILLON PATROL FACILITY	UST
FAST FARE CONV STORE	UST
FORMER NORTH SOUTH AUTO	UST
STONEWALL JACKSON SUPERMARKET	GWCI, UST
LOCKEMYS GROCERY	UST
GEORGE FRAZIER GROC	GWCI, UST
LARRY GIBSON AUTO BODY WORKS	RCRA-SQG
KENNYS PAINT BODY & FRAME SHOP	RCRA-SQG, FINDS
SELMA CONVENIENCE STORE	GWCI

OVERVIEW MAP - 01465547.1r - 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
- Oil & Gas pipelines
- Federal Wetlands

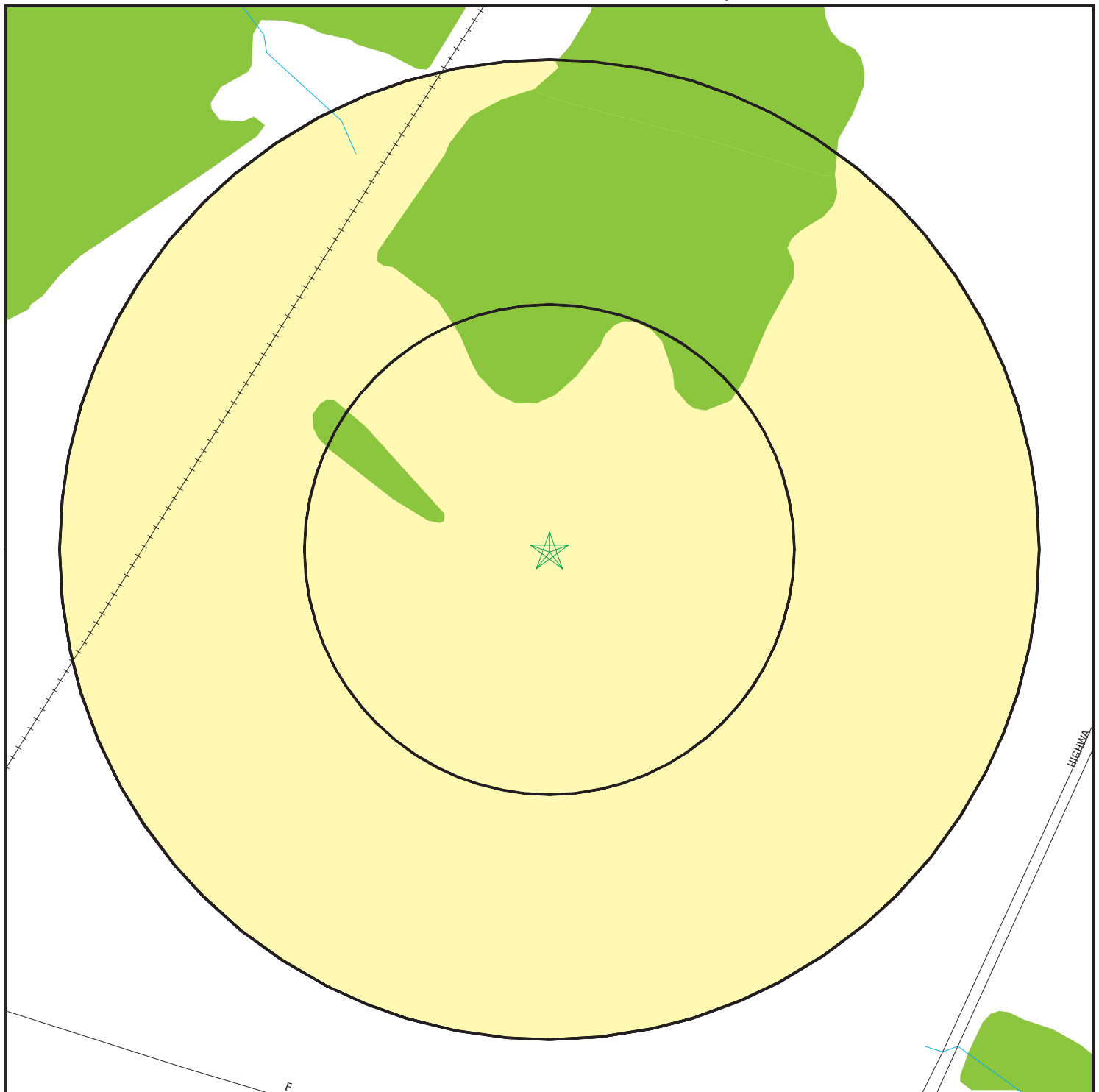
0 1/4 1/2 1 Miles



TARGET PROPERTY: Dan A Rogers Site
 ADDRESS: Highway 301
 CITY/STATE/ZIP: DILLON SC 29536
 LAT/LONG: 34.3785 / 79.3980

CUSTOMER: S&ME, Inc.
 CONTACT: Casey Wollard
 INQUIRY #: 01465547.1r
 DATE: July 14, 2005 10:09 am

DETAIL MAP - 01465547.1r - 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

- Indian Reservations BIA
- Oil & Gas pipelines
- Federal Wetlands

0 1/16 1/8 1/4 Miles



TARGET PROPERTY: Dan A Rogers Site
 ADDRESS: Highway 301
 CITY/STATE/ZIP: DILLON SC 29536
 LAT/LONG: 34.3785 / 79.3980

CUSTOMER: S&ME, Inc.
 CONTACT: Casey Wollard
 INQUIRY #: 01465547.1r
 DATE: July 14, 2005 10:09 am

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>
<u>FEDERAL ASTM STANDARD</u>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRA Sm. Quan. Gen.		0.250	0	0	NR	NR	NR	0
ERNS		TP	NR	NR	NR	NR	NR	0
<u>STATE ASTM STANDARD</u>								
State Haz. Waste		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
LUST		0.500	0	0	0	NR	NR	0
UST		0.250	0	0	NR	NR	NR	0
VCP		0.500	0	0	0	NR	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		0.500	0	0	0	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
FUDS		1.000	0	0	0	0	NR	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		0.500	0	0	0	NR	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.

NO SITES FOUND

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
DILLON	S106859980	NOBLES CORPORATION WOOD CHIPPING S	2349 HWY 301 SOUTH	29536	SWF/LF
DILLON	U003929906	PORKY'S AT SOUTH OF THE BORDER	HWY 301 @ I-95	29536	UST
DILLON	U003878995	STRICKLANDS EXXON	201 HWY 301 N	29536	GWCI, UST
DILLON	U003878993	J W BAILEY GROCERY	1937 HWY 301 S	29536	GWCI, UST
DILLON	U003796586	BP AT SOUTH OF THE BORDER	HWY 301 @ I-95	29536	GWCI, UST
DILLON	U003630659	EXXON AT SOUTH OF THE BORDER	HWY 301 @ I-95	29536	UST
DILLON	U003520781	DILLON PATROL FACILITY	US 301 SOUTH	29536	UST
DILLON	U001537706	FAST FARE CONV STORE	US 301 N	29536	UST
DILLON	U001119243	FORMER NORTH SOUTH AUTO	HWY 301 NORTH	29536	UST
DILLON	1007259849	BP AT SOUTH OF THE BORDER	HWY 301 @ I-95	29536	FINDS, LUST
DILLON	1007246028	ED F HODGES INC STATION 4	709 HWY 301 N	29536	FINDS, LUST
DILLON	1007243985	PANTRY 3222 DBA FOOD CHIEF	201 HWY 301 S	29536	FINDS, LUST
DILLON	1007243984	DILLON AMOCO	US 301 N & JACKSON ST	29536	FINDS, LUST
DILLON	1007239733	DILLON EXXON	US 301 & HAMPTON ST	29536	FINDS, LUST
DILLON	1007238352	STRICKLANDS EXXON	201 HWY 301 N	29536	FINDS, LUST
DILLON	1007238135	DILLON PATROL FACILITY	US 301 SOUTH	29536	FINDS, LUST
DILLON	1007229812	J W BAILEY GROCERY	1937 HWY 301 S	29536	FINDS, LUST
DILLON	1004780850	LARRY GIBSON AUTO BODY WORKS	HWY 301 NORTH	29536	RCRA-SQG
DILLON	1004780431	KENNYS PAINT BODY & FRAME SHOP	HIGHWAY 301	29536	RCRA-SQG, FINDS
DILLON	U003930349	STONEWALL JACKSON SUPERMARKET	HWY 301/DARGIN ST	29536	GWCI, UST
DILLON	S105684930	STONEWALL JACKSON SUPERMARKET	HWY 301/DARGIN ST	29536	LUST
DILLON	U003665309	LOCKEMYS GROCERY	DARGAN ST & HWY 57	29536	UST
DILLON	1007238311	PIXIE MART	301 N HARRISON ST	29536	FINDS, LUST
DILLON	U003525101	SELMA CONVENIENCE STORE	SC HWY 57	29536	GWCI
DILLON	1007248503	301 N SERVICE CENTER	600 N HWY 301	29536	FINDS, LUST
LATTA	U003630625	HAYES & SONS 66 & MUFFLER SHOP	RT 1	29565	LUST, UST
LATTA	U003521717	GEORGE FRAZIER GROC	RT 2	29565	GWCI, UST
LATTA	1007229813	GEORGE FRAZIER GROC	RT 2	29565	FINDS, LUST
LATTA	1007238319	HAYES LATTA TEXACO	HWY 301 & RR AVE	29565	FINDS, LUST
LATTA	1007238316	LANES CONVENIENCE STORE	HWY 301 & 501	29565	FINDS, LUST
LATTA	1007238315	HAPPY OIL CO	HWY 301	29565	FINDS, LUST
LATTA	1006643417	PENSKE TRUCK LEASING CO LP	HWY 301 S	29565	LUST
LATTA	1007238317	LATTA SUN OIL	COR 301 & LEITNER ST	29565	FINDS, LUST
LATTA	U002234669	LATTA SCHOOL BUS SHOP	7452 NORTH HWY 501	29565	LUST, UST
LATTA	1007243982	GOLD KIST COMPLEX	US HWY 301 N	29565	FINDS, LUST
LATTA	1007243954	CHARLIE BRITT GROCERY	5 MI W OAK GROVE ON HWY 38	29565	FINDS, LUST
PAWLEYS ISLAND	S104992809	BROWN PROPERTY PAWLEYS	HWY 17	29565	LUST

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.

Elapsed ASTM days: 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

Source: EPA

Telephone: N/A

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: 04/28/05

Date Made Active at EDR: 05/16/05

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 05/04/05

Elapsed ASTM days: 12

Date of Last EDR Contact: 05/04/05

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1

Telephone 617-918-1143

EPA Region 3

Telephone 215-814-5418

EPA Region 4

Telephone 404-562-8033

EPA Region 6

Telephone: 214-655-6659

EPA Region 8

Telephone: 303-312-6774

Proposed NPL: Proposed National Priority List Sites

Source: EPA

Telephone: N/A

Date of Government Version: 04/27/05

Date Made Active at EDR: 05/16/05

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 05/04/05

Elapsed ASTM days: 12

Date of Last EDR Contact: 05/04/05

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA

Telephone: 703-413-0223

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: 02/15/05

Date Made Active at EDR: 04/06/05

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/22/05

Elapsed ASTM days: 15

Date of Last EDR Contact: 03/22/05

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Source: EPA

Telephone: 703-413-0223

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: 03/22/05
Date Made Active at EDR: 04/06/05
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 04/01/05
Elapsed ASTM days: 5
Date of Last EDR Contact: 04/01/05

CORRACTS: Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/29/05
Date Made Active at EDR: 05/16/05
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 04/11/05
Elapsed ASTM days: 35
Date of Last EDR Contact: 03/07/05

RCRA: Resource Conservation and Recovery Act Information

Source: EPA

Telephone: 800-424-9346

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 Made Active at EDR: 06/09/05
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 05/24/05
Elapsed ASTM days: 16
Date of Last EDR Contact: 05/24/05

ERNS: Emergency Response Notification System

Source: National Response Center, United States Coast Guard

Telephone: 202-260-2342

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 Made Active at EDR: 03/24/05
Database Release Frequency: Annually

Date of Data Arrival at EDR: 01/27/05
Elapsed ASTM days: 56
Date of Last EDR Contact: 04/25/05

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System

Source: EPA/NTIS

Telephone: 800-424-9346

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: 12/01/01
Database Release Frequency: Biennially

Date of Last EDR Contact: 04/15/05
Date of Next Scheduled EDR Contact: 06/13/05

CONSENT: Superfund (CERCLA) Consent Decrees

Source: Department of Justice, Consent Decree Library

Telephone: Varies

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/14/04
Database Release Frequency: Varies

Date of Last EDR Contact: 04/26/05
Date of Next Scheduled EDR Contact: 07/25/05

ROD: Records Of Decision

Source: EPA
Telephone: 703-416-0223

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: 03/07/05
Database Release Frequency: Annually

Date of Last EDR Contact: 04/04/05
Date of Next Scheduled EDR Contact: 07/04/05

DELISTED NPL: National Priority List Deletions

Source: EPA
Telephone: N/A

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: 04/28/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/04/05
Date of Next Scheduled EDR Contact: 08/01/05

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report

Source: EPA
Telephone: N/A

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

Date of Government Version: 04/11/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/04/05
Date of Next Scheduled EDR Contact: 07/04/05

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation
Telephone: 202-366-4555

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

Date of Government Version: 12/31/04
Database Release Frequency: Annually

Date of Last EDR Contact: 04/19/05
Date of Next Scheduled EDR Contact: 07/18/05

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169

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

Date of Government Version: 04/14/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/04/05
Date of Next Scheduled EDR Contact: 07/04/05

MINES: Mines Master Index File

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/11/05
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/30/05
Date of Next Scheduled EDR Contact: 06/27/05

NPL LIENS: Federal Superfund Liens

Source: EPA
Telephone: 202-564-4267

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
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 02/22/05
Date of Next Scheduled EDR Contact: 05/23/05

PADS: PCB Activity Database System

Source: EPA
Telephone: 202-564-3887

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
Database Release Frequency: Annually

Date of Last EDR Contact: 05/10/05
Date of Next Scheduled EDR Contact: 08/08/05

DOD: Department of Defense Sites

Source: USGS
Telephone: 703-692-8801

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
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/08/05
Date of Next Scheduled EDR Contact: 05/09/05

UMTRA: Uranium Mill Tailings Sites

Source: Department of Energy
Telephone: 505-845-0011

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
Database Release Frequency: Varies

Date of Last EDR Contact: 03/22/05
Date of Next Scheduled EDR Contact: 06/20/05

ODI: Open Dump Inventory

Source: Environmental Protection Agency
Telephone: 800-424-9346

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
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 05/23/95
Date of Next Scheduled EDR Contact: N/A

FUDS: Formerly Used Defense Sites

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/03
Database Release Frequency: Varies

Date of Last EDR Contact: 04/04/05
Date of Next Scheduled EDR Contact: 07/04/05

INDIAN RESERV: Indian Reservations

Source: USGS
Telephone: 202-208-3710

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
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/08/05
Date of Next Scheduled EDR Contact: 05/09/05

US ENG CONTROLS: Engineering Controls Sites List

Source: Environmental Protection Agency
Telephone: 703-603-8867

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
Database Release Frequency: Varies

Date of Last EDR Contact: 04/04/05
Date of Next Scheduled EDR Contact: 07/04/05

RAATS: RCRA Administrative Action Tracking System

Source: EPA
Telephone: 202-564-4104

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
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/07/05
Date of Next Scheduled EDR Contact: 06/06/05

TRIS: Toxic Chemical Release Inventory System

Source: EPA
Telephone: 202-566-0250

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: 12/31/02
Database Release Frequency: Annually

Date of Last EDR Contact: 03/22/05
Date of Next Scheduled EDR Contact: 06/20/05

TSCA: Toxic Substances Control Act

Source: EPA
Telephone: 202-260-5521

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
Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 04/05/05
Date of Next Scheduled EDR Contact: 06/06/05

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

Source: EPA
Telephone: 202-566-1667

Date of Government Version: 04/13/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/21/05
Date of Next Scheduled EDR Contact: 06/20/05

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SSTS: Section 7 Tracking Systems

Source: EPA

Telephone: 202-564-4203

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

Database Release Frequency: Annually

Date of Last EDR Contact: 04/19/05

Date of Next Scheduled EDR Contact: 07/18/05

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

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-566-1667

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

Date of Government Version: 04/13/05

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/21/05

Date of Next Scheduled EDR Contact: 06/20/05

STATE OF SOUTH CAROLINA ASTM STANDARD RECORDS

SHWS: Site Assessment Section Project List

Source: Department of Health and Environmental Control

Telephone: 803-734-5376

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 Made Active at EDR: 06/16/05

Database Release Frequency: Annually

Date of Data Arrival at EDR: 05/20/05

Elapsed ASTM days: 27

Date of Last EDR Contact: 04/11/05

SWF/LF: Permitted Landfills List

Source: Department of Health and Environmental Control

Telephone: 803-734-5165

Source: Department of Health and Environmental Control, GIS Section

Telephone: 803-896-4084

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

Date of Government Version: 04/15/05

Date Made Active at EDR: 05/13/05

Database Release Frequency: Varies

Date of Data Arrival at EDR: 04/15/05

Elapsed ASTM days: 28

Date of Last EDR Contact: 04/13/05

LUST: Leaking Underground Storage Tank List

Source: Department of Health and Environmental Control

Telephone: 803-898-4350

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 Made Active at EDR: 06/29/05

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 06/15/05

Elapsed ASTM days: 14

Date of Last EDR Contact: 05/23/05

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Comprehensive Underground Storage Tanks

Source: Department of Health and Environmental Control

Telephone: 803-898-4350

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 Made Active at EDR: 06/30/05

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 06/15/05

Elapsed ASTM days: 15

Date of Last EDR Contact: 05/23/05

VCP: Voluntary Cleanup Sites

Source: Department of Health and Environmental Control

Telephone: 803-896-4049

Date of Government Version: 04/20/05

Date Made Active at EDR: 06/29/05

Database Release Frequency: Varies

Date of Data Arrival at EDR: 06/03/05

Elapsed ASTM days: 26

Date of Last EDR Contact: 04/11/05

STATE OF SOUTH CAROLINA ASTM SUPPLEMENTAL RECORDS

AST: Aboveground Storage Tank List

Source: Department of Health and Environmental Control

Telephone: 803-898-4350

Registered Aboveground Storage Tanks.

Date of Government Version: 03/25/04

Database Release Frequency: Varies

Date of Last EDR Contact: 03/28/05

Date of Next Scheduled EDR Contact: 06/27/05

SPILLS: Spill List

Source: Department of Health and Environmental Control

Telephone: 803-898-4111

Date of Government Version: 03/02/05

Database Release Frequency: Varies

Date of Last EDR Contact: 03/02/05

Date of Next Scheduled EDR Contact: 06/27/05

GWCI: Groundwater Contamination Inventory

Source: Department of Health and Environmental Control

Telephone: 803-898-3798

An inventory of all groundwater contamination cases in the state.

Date of Government Version: 07/01/04

Database Release Frequency: Annually

Date of Last EDR Contact: 04/25/05

Date of Next Scheduled EDR Contact: 07/25/05

DRYCLEANERS: Drycleaner Database

Source: Department of Health & Environmental Control

Telephone: 803-898-3882

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

Database Release Frequency: Varies

Date of Last EDR Contact: 02/28/05

Date of Next Scheduled EDR Contact: 05/30/05

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

BROWNFIELDS DATABASES

VCP: Voluntary Cleanup Sites

Source: Department of Health and Environmental Control

Telephone: N/A

Date of Government Version: 07/14/04

Database Release Frequency: Varies

Date of Last EDR Contact: 04/11/05

Date of Next Scheduled EDR Contact: 07/11/05

US BROWNFIELDS: A Listing of Brownfields Sites

Source: Environmental Protection Agency

Telephone: 202-566-2777

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

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/14/05

Date of Next Scheduled EDR Contact: 06/13/05

AUL: Land Use Controls

Source: Department of Health & Environmental Control

Telephone: 803-896-4049

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

Date of Government Version: 04/11/05

Database Release Frequency: Varies

Date of Last EDR Contact: 04/11/05

Date of Next Scheduled EDR Contact: 07/11/05

BROWNFIELDS: Brownfields Sites Listing

Source: Department of Health & Environmental Control

Telephone: 803-896-4069

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/11/05
Database Release Frequency: Varies

Date of Last EDR Contact: 04/11/05
Date of Next Scheduled EDR Contact: 07/11/05

US INST CONTROL: Sites with Institutional Controls

Source: Environmental Protection Agency
Telephone: 703-603-8867

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
Database Release Frequency: Varies

Date of Last EDR Contact: 04/04/05
Date of Next Scheduled EDR Contact: 07/04/05

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

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

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

AHA Hospitals:

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

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

Medical Centers: Provider of Services Listing

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

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

Nursing Homes

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

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

Public Schools

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

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

Private Schools

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

DAN A ROGERS SITE
HIGHWAY 301
DILLON, SC 29536

TARGET PROPERTY COORDINATES

Latitude (North):	34.378502 - 34° 22' 42.6"
Longitude (West):	79.398003 - 79° 23' 52.8"
Universal Transverse Mercator:	Zone 17
UTM X (Meters):	647292.2
UTM Y (Meters):	3805091.8
Elevation:	114 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).

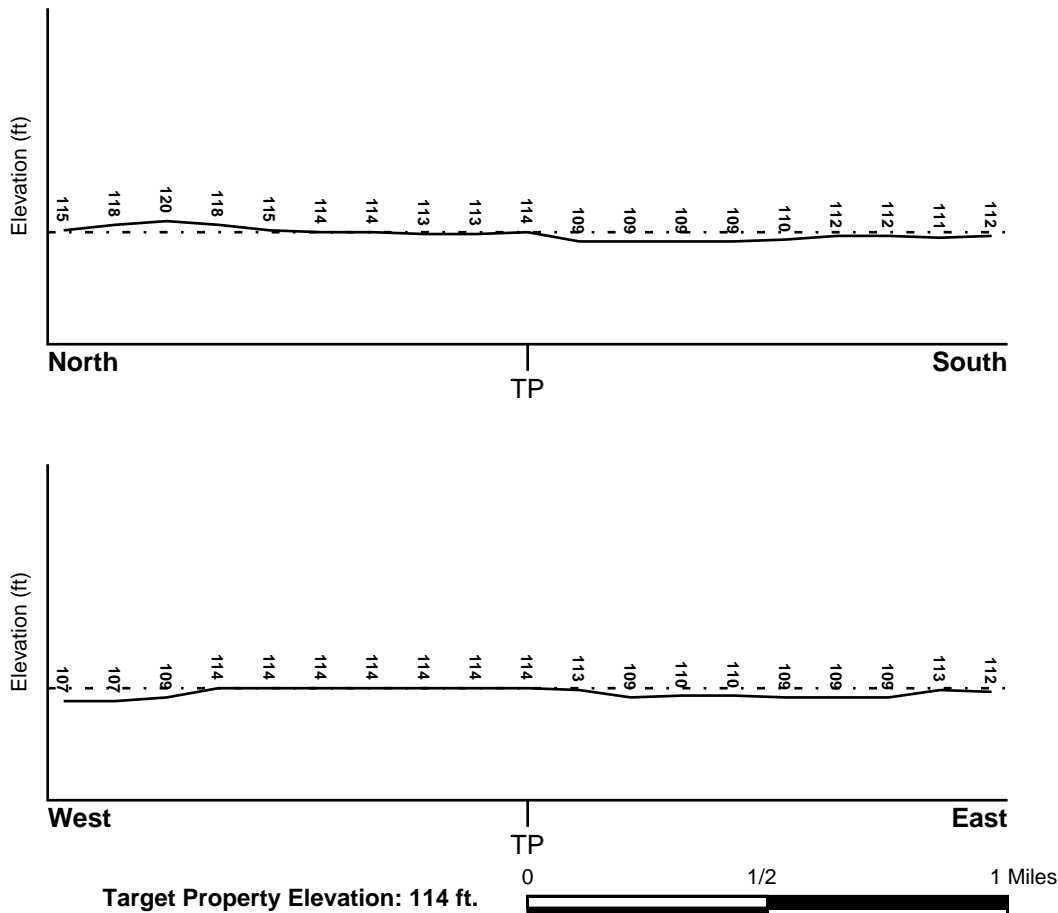
TOPOGRAPHIC INFORMATION

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-D4 DILLON WEST, SC
General Topographic Gradient: General SE
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</u>
DILLON, SC	<u>Electronic Data</u>
	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</u>
DILLON WEST	<u>Data Coverage</u>
	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</u>	<u>GENERAL DIRECTION</u>
Not Reported	<u>FROM TP</u>	<u>GROUNDWATER FLOW</u>

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: SMITHBORO

Soil Surface Texture: silt loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Somewhat poorly. Soils commonly have a layer with low hydraulic conductivity, wet state high in profile, etc. Depth to water table is 1 to 3 feet.

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

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

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	6 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 6.00 Min: 4.50
2	6 inches	75 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.20 Min: 0.06	Max: 5.50 Min: 3.60

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: fine sandy loam
loam
loamy fine sand
sandy loam
sand

Surficial Soil Types: fine sandy loam
loam
loamy fine sand
sandy loam
sand

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: sandy clay
sandy clay loam

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.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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

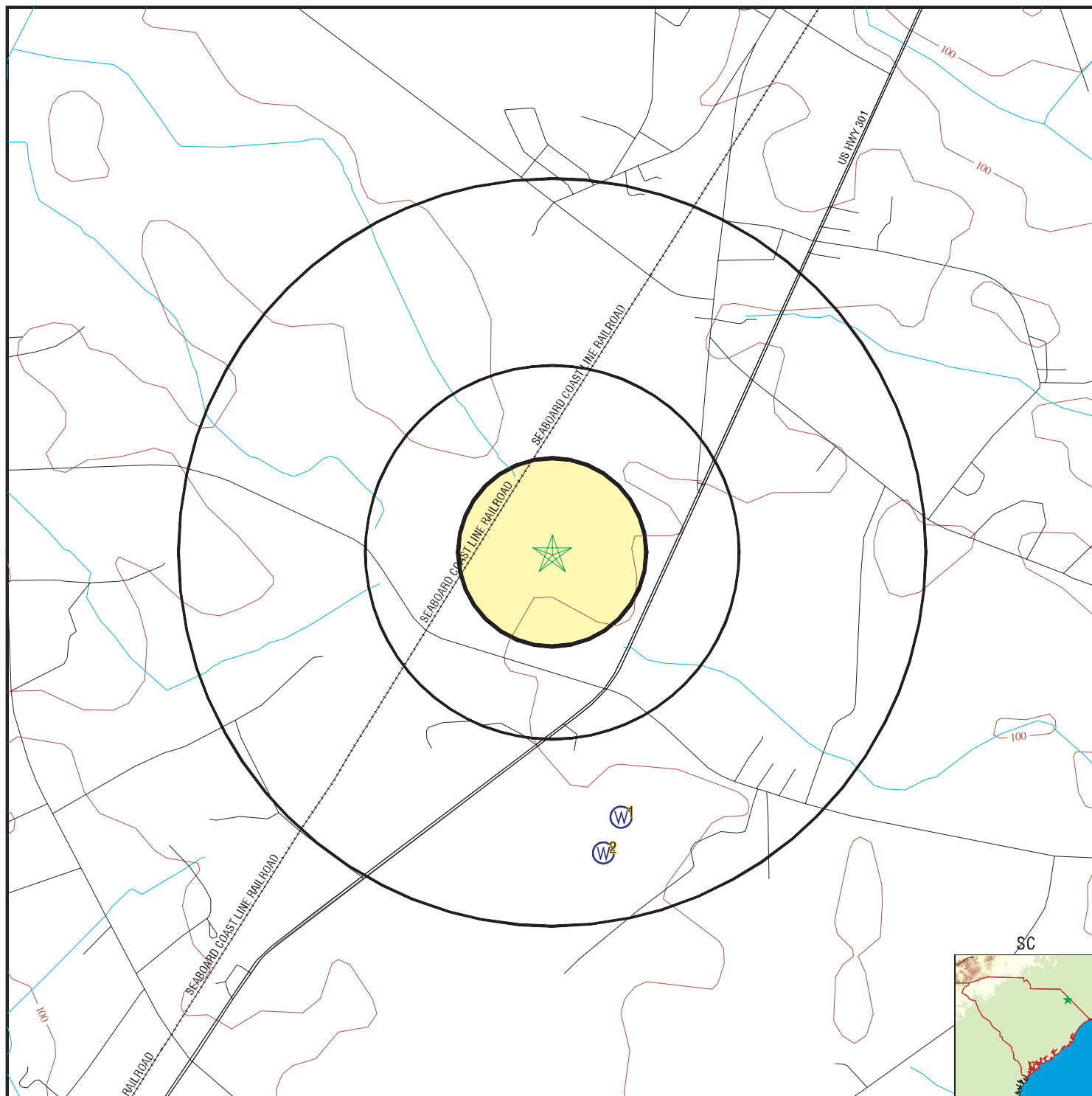
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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>
1	SC1000000005216	1/2 - 1 Mile SSE
2	SC1000000005215	1/2 - 1 Mile South

PHYSICAL SETTING SOURCE MAP - 01465547.1r



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

0 1/4 1/2 1 Miles

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location



TARGET PROPERTY: Dan A Rogers Site
 ADDRESS: Highway 301
 CITY/STATE/ZIP: DILLON SC 29536
 LAT/LONG: 34.3785 / 79.3980

CUSTOMER: S&ME, Inc.
 CONTACT: Casey Wollard
 INQUIRY #: 01465547.1r
 DATE: July 14, 2005 10:09 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
SSE
1/2 - 1 Mile
Higher

SC WELLS SC1000000005216

Scgrid:	11K-n2	County:	DIL
Conum:	16		
Latc:	342205	Longc:	792342
Elev:	Not Reported	Owner:	Dillon Motel
Location:	Not Reported	Use:	PS
D drill:	Not Reported	D comp:	86
Cas diam 1:	2	Cas diam 2:	Not Reported
Oh cas:	45	Screen t:	Not Reported
Screen b:	Not Reported	Date drill:	Not Reported
Yield:	6	Yield yr:	Not Reported
G logs:	Not Reported		
D logs:	0		
P test:	0		
Chem anal:	Not Reported	WI:	Not Reported
WI yr:	Not Reported	Driller:	Not Reported
Remarks:	Across from WDSC. High Fe.		

2
South
1/2 - 1 Mile
Lower

SC WELLS SC1000000005215

Scgrid:	11K-n1	County:	DIL
Conum:	15		
Latc:	342200	Longc:	792345
Elev:	Not Reported	Owner:	Dillon Motel
Location:	Not Reported	Use:	PS
D drill:	Not Reported	D comp:	91
Cas diam 1:	2	Cas diam 2:	Not Reported
Oh cas:	55	Screen t:	Not Reported
Screen b:	Not Reported	Date drill:	Not Reported
Yield:	6	Yield yr:	Not Reported
G logs:	Not Reported		
D logs:	0		
P test:	0		
Chem anal:	Not Reported	WI:	Not Reported
WI yr:	Not Reported	Driller:	Not Reported
Remarks:	Across from WDSC.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for DILLON County: 3

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level ≥ 2 pCi/L and ≤ 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 29536

Number of sites tested: 3

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.500 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

INTERVIEWS

RECORDS OF COMMUNICATION

July 21, 2005

Duncan Rogers was interviewed concerning his knowledge of environmental concerns associated with the subject property. Mr. Rogers stated in a telephone interview dated July 21, 2005, that he was not aware of any environmental concerns associates with the subject property.

July 21, 2005

S&ME contacted Senior Firefighter J.J. Coward with the Dillon Fire Department to inquire of any spills or emergency responses involving hazardous materials or petroleum products on the subject property. Firefighter Coward was not aware of any problems or spills on or near the immediate area of the subject property.

APPENDIX F

CONTRACT BETWEEN USER & S&ME, INC.



AGREEMENT FOR SERVICES

Form AS-041

Date: June 28, 2005	Job Number:
S&ME, Inc. (hereafter Consultant)	Client Name: Alliance Consulting Engineers, Inc. (hereafter Client)
Address: 134 Suber Road City: Columbia State: SC Zip: 29210	Address: Post Office Box 8147 City: Columbia State: SC Zip: 29202-8147
Telephone: (803) 561-9024 Fax: (803) 561-9177	Telephone: 779-2078 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)

David E. Krasinsky, 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 E

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

Dillon County – The Dan Rogers Industrial Park for Dillon County, South Carolina

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

Marion County – The Marion County Industrial Park for Marion County 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.