



## PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

### Sanctuary Landing

Fontaine Center Drive  
Columbia, South Carolina 29223

### Report Date

May 27, 2025

### Site Inspection Date

May 22, 2025

### Partner Project No.

25-492574.3

### Prepared for:

Sundy Ave Owner LP and South Carolina  
Housing  
210 University Blvd, Suite 460  
Denver, Colorado 80206



Building  
Science



Environmental  
Consulting



Construction &  
Development



Energy &  
Sustainability



May 27, 2025

Ms. Angela Arnholt  
Sundy Ave Owner LP and South Carolina Housing  
210 University Blvd, Suite 460  
Denver, Colorado 80206

Subject: Phase I Environmental Site Assessment  
Sanctuary Landing  
Fontaine Center Drive  
Columbia, South Carolina 29223  
Partner Project No. 25-492574.3

Dear Ms. Arnholt:

Partner Engineering and Science, Inc. (Partner) is pleased to provide this Phase I Environmental Site Assessment (Phase I ESA) report of the abovementioned address (the "subject property"). This assessment was performed in conformance with the scope and limitations as detailed in the ASTM Practice E1527-21 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process and Client Agreement.

This assessment included a site reconnaissance as well as research and interviews with representatives of the public, property ownership, site manager, and regulatory agencies. An assessment was made, conclusions stated, and recommendations outlined.

We appreciate your trust in Partner and the opportunity to provide environmental services to you. If you have any questions concerning this report, or if we can assist you in any other matter, please contact me at 201-984-3651.

Sincerely,

Melissa Dahl  
Principal



## EXECUTIVE SUMMARY

Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment (ESA) in accordance with the scope of work and limitations of ASTM Practice E1527-21, the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) and set forth by Sundy Ave Owner LP and South Carolina Housing for the property located at Fontaine Center Drive in Columbia, Richland County, South Carolina (the "subject property"). The Phase I Environmental Site Assessment is designed to provide Sundy Ave Owner LP and South Carolina Housing with an assessment concerning environmental conditions (limited to those issues identified in the report) as they exist at the subject property.

### Property Description

The subject property is located on the south side of Fontaine Road and east side of Fontaine Center Drive within a residential and commercial area of Richland County, South Carolina. Please refer to the table below for a further description of the subject property:

#### SUBJECT PROPERTY DATA

<b>Address(es):</b>	Fontaine Center Drive, Columbia, South Carolina
<b>Property Use:</b>	Vacant land
<b>Land Acreage (Ac):</b>	Approximately 18.0-acres, per client
<b>Parcel Number:</b>	14201-05-02
<b>Site Assessment Performed By:</b>	Kayla Osburn of Partner
<b>Site Assessment Conducted On:</b>	May 22, 2025
<b>Regulatory Radius Report Date:</b>	May 21, 2025
<b>Lien Search Date:</b>	N/A
<b>Report Date:</b>	May 27, 2025
<b>FOIAs Date:</b>	May 2025
<b>Groundwater Flow Direction (Inferred):</b>	South
<b>Estimated Depth to Groundwater (Feet bgs):</b>	Greater than 5

The subject property is currently vacant land. There are currently no onsite operations. The subject property is improved with several fire hydrants.

According to available historical sources, the subject property has been undeveloped vacant land since as early as 1935.

The adjoining properties are tabulated below:

#### ADJOINING PROPERTIES

<b>Direction</b>	<b>Land Use/Occupant</b>
<b>North:</b>	Fontaine Road beyond which is Mighty Quinn Trucking Inc. (1300 Fontaine Road)

## ADJOINING PROPERTIES

<b>East:</b>	Mobile Home Park, single-family residences (1801 Bluebird Lane, 1602, 1616, 1624, 1630, 1636, 1640, 1644, 1648, 1650, 1654, 1660, 1664 McCaw Road and 1842 Malcolm Drive)
<b>South:</b>	Two single-family residences and an abandoned residence (1031, 1711 Bluebird Drive)
<b>West:</b>	Fontaine Center Drive beyond which is Gerber Collision & Glass, DirectLink, Tony Thomas Family Karate, Westside residential Home Inc, abandoned buildings, and two single-family residences (100, 120, 130 Fontaine Center Drive, 4044, 4108 Conners Street, 4100, 4112 Hartford Street, and 4035 Booth Street)

## Findings and Opinions

### ***Recognized Environmental Condition***

A recognized environmental condition (REC) refers to the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment.

- Partner did not identify any RECs during the course of this assessment.

### ***Controlled Recognized Environmental Condition***

A controlled recognized environmental condition (CREC) refers to a REC affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, activity and use limitations or other property use limitations).

- Partner did not identify any CRECs during the course of this assessment.

### ***Historical Recognized Environmental Condition***

A historical recognized environmental condition (HREC) refers to a previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls (for example, activity and use limitations or other property use limitations).

- Partner did not identify any HRECs during the course of this assessment.

### ***Business Environmental Risk***

A Business Environmental Risk (BER) is a risk which can have a material environmental or environmentally driven impact on the business associated with the current or planned use of commercial real estate, not necessarily related to those environmental issues required to be investigated in this practice.

- Partner did not identify any BERs during the course of this assessment.

### ***Significant Data Gaps***

No significant data gaps affecting the ability of the Environmental Professional to identify a REC were encountered during this assessment.

### **Conclusions and Recommendations**

Partner has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-21 of Fontaine Center Drive in Columbia, Richland County, South Carolina (the "subject property"). Any exceptions to, or deletions from, this practice are described in Section 1.5 of this report.

This assessment has revealed no evidence of RECs, CRECs, HRECs, or BERs in connection with the subject property. Based on the conclusions of this assessment, Partner recommends no further investigation of the subject property at this time.

This assessment has revealed no evidence of RECs, CRECs, HRECs, or BERs in connection with the subject property. Based on the conclusions of this assessment, Partner recommends no further investigation of the subject property at this time.

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## ACRONYM LIST

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<b>Ac</b>	Acre
<b>AAI</b>	All Appropriate Inquiries
<b>AMSD</b>	Approximate Minimum Search Distance
<b>AOC</b>	Area of Concern
<b>ACM</b>	Asbestos Containing Material
<b>APN</b>	Assessor Parcel Number
<b>AST</b>	Aboveground Storage Tank
<b>AUL</b>	Activity and Use Limitation
<b>AIRS</b>	Aerometric Information Retrieval System
<b>AFS</b>	Air Facility System
<b>ALT FUELS</b>	Alternate Fueling Stations
<b>ASTM</b>	American Society for Testing and Materials
<b>BGS</b>	Below Ground Surface
<b>BER</b>	Business Environmental Risk
<b>BRS</b>	EPA Biennial Reporting System
<b>COC</b>	Chemical of Concern
<b>CREC</b>	Controlled Recognized Environmental Condition
<b>CDL</b>	Clandestine Drug Lab
<b>CERCLIS</b>	Comprehensive Environmental Response, Compensation and Liability Information System
<b>CERCLA</b>	Comprehensive Environmental Response, Compensation, and Liability Act
<b>CESQG</b>	Conditionally Exempt Small Quantity Generator
<b>CORRACTS</b>	RCRA Corrective Action Sites
<b>ERIS</b>	Environmental Risk Information Services
<b>ERNS</b>	Emergency Response Notification System
<b>ECHO</b>	Enforcement and Compliance History Online
<b>FRP</b>	Fiberglass Reinforced Plastic
<b>FIM</b>	Fire Insurance Map
<b>FOIA</b>	Freedom of Information Action
<b>FINDS</b>	Facility Index Database System
<b>FRS</b>	Facility Registry Service
<b>FRP</b>	Facility Response Plan
<b>FIFRA</b>	Federal Insecticide, Fungicide, and Rodenticide Act
<b>FUDS</b>	Formally Used Defense Site
<b>FTTS</b>	FIFRA/TSCA Tracking System
<b>FTTS INSP</b>	Inspection Case Listing
<b>FUSRAP</b>	Formerly Utilized Sites Remedial Action Program
<b>FEMA</b>	Federal Emergency Management Agency
<b>HUD</b>	U.S. Department of Housing and Urban Development
<b>HSWA</b>	Hazardous and Solid Waste Amendments
<b>HVAC</b>	Heating, Ventilation and Air Conditioning
<b>HREC</b>	Historical Recognized Environmental Condition
<b>IODI</b>	Open Dumps on Indian Lands
<b>IHW</b>	Industrial Hazardous Waste
<b>IC/EC or INST/ENG</b>	Institutional Control/Engineering Control
<b>ICIS</b>	Integrated Compliance Information System
<b>LUCIS</b>	Land Use Control Information System U.S. Department of the Navy
<b>LQG</b>	Large Quantity Generator
<b>LPST</b>	Leaking Petroleum Storage Tank
<b>LST</b>	Leaking Storage Tank
<b>LUST</b>	Leaking Underground Storage Tank



<b>LBP</b>	Lead-Based Paint
<b>MSL</b>	Mean Sea Level
<b>MMMP</b>	Mold, Moisture, and Mitigation Plan
<b>MGP</b>	Manufactured Gas Plant
<b>MINES</b>	Mines Master Index File
<b>MLTS</b>	Material Licensing Tracking System
<b>HMIRS</b>	Hazardous Materials Information Reporting System
<b>MRDS</b>	Mineral Resource Data System
<b>NPL</b>	National Priorities List
<b>NCDL</b>	National Clandestine Drug Labs
<b>NPDES</b>	National Pollutant Discharge Elimination System
<b>NFRAP</b>	No Further Remedial Action Planned
<b>NonGen</b>	Non Generator
<b>NonGen/NLR</b>	Non Generator/No Longer Regulated
<b>ND</b>	None Detected
<b>NESHAP</b>	National Emission Standards for Hazardous Air Pollutants
<b>NWI</b>	National Wetlands Inventory
<b>NFA</b>	No Further Action
<b>N/A</b>	Not Applicable
<b>NOV</b>	Notice of Violation
<b>NTC</b>	Notice To Comply
<b>NRC</b>	Nuclear Regulatory Commission
<b>ODI</b>	Inventory of Open Dumps
<b>OWS</b>	Oil-Water Separator
<b>OSHA</b>	Occupational Safety and Health Administration
<b>O&amp;M</b>	Operations and Maintenance
<b>PTO</b>	Permit to Operate
<b>Phase I ESA</b>	Phase I Environmental Site Assessment
<b>pCi/L</b>	picoCuries per Liter
<b>PHMSA</b>	Pipeline and Hazardous Materials Safety Administration
<b>PCB</b>	Polychlorinated Biphenyl
<b>PACM</b>	Presumed Asbestos Containing Material
<b>PFAS</b>	Perfluoroalkyl and Polyfluoroalkyl Substances
<b>PFOA</b>	perfluorooctanoic acid
<b>PFOS</b>	Perfluorooctane sulfonic acid
<b>REFN</b>	Petroleum Refineries
<b>PRP</b>	Potentially Responsible Party
<b>PST</b>	Petroleum Storage Tank
<b>ROD</b>	Record of Decision
<b>RGA</b>	Recovered Government Archive
<b>RCRA</b>	Resource Conservation and Recovery Act
<b>RCRIS</b>	Resource Conservation Recovery Information System
<b>REC</b>	Recognized Environmental Condition
<b>SF</b>	Square Foot/Feet
<b>SSA</b>	Superfund Alternative Agreement
<b>SSTS</b>	Section Seven Tracking System
<b>SQG</b>	Small Quantity Generator
<b>SMCRA</b>	Office of Surface Mining Reclamation and Enforcement
<b>SWF/LF</b>	Solid Waste Facility/Landfill
<b>SWRCY</b>	Solid Waste Recycling Facility
<b>SCRD</b>	State Coalition for the Remediation of Drycleaners
<b>SHWS</b>	State Hazardous Waste Sites

<b>SEMS</b>	Superfund Enterprise Management Site
<b>TANKS</b>	Aboveground and Unregulated Tanks
<b>TRIS</b>	Toxic Chemicals Release Inventory System
<b>TSCA</b>	Toxic Substances Control Act
<b>TSDF</b>	Transfer, Storage and Disposal Facility
<b>USDOE</b>	United States Department of Energy
<b>USDOT</b>	United States Department of Transportation
<b>USEPA</b>	United States Environmental Protection Agency
<b>USFWS</b>	United States Fish and Wildlife Service
<b>USGS</b>	United States Geological Survey
<b>UST</b>	Underground Storage Tank
<b>UIC</b>	Underground Injection Control
<b>VEC</b>	Vapor Encroachment Condition
<b>VSQG</b>	Very Small Quantity Generator
<b>VCP</b>	Voluntary Cleanup Program

## 1.0 INTRODUCTION

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Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment (ESA) in conformance with the scope and limitations of ASTM Practice E1527-21 and the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) for the property located at Fontaine Center Drive in Columbia, Richland County, South Carolina (the “subject property”). Any exceptions to, or deletions from, this scope of work are described in the report.

### 1.1 Purpose

The purpose of this ESA is to identify existing or potential Recognized Environmental Conditions (as defined by ASTM Standard E1527-21) affecting the subject property that: 1) constitute or result in a material violation or a potential material violation of any applicable environmental law; 2) impose any material constraints on the operation of the subject property or require a material change in the use thereof; 3) require clean-up, remedial action or other response with respect to Hazardous Substances or Petroleum Products on or affecting the subject property under any applicable environmental law; 4) may affect the value of the subject property; and 5) may require specific actions to be performed with regard to such conditions and circumstances. The information contained in the ESA Report will be used by Client to: 1) evaluate its legal and financial liabilities for transactions related to foreclosure, purchase, sale, loan origination, loan workout or seller financing; 2) evaluate the subject property's overall development potential, the associated market value and the impact of applicable laws that restrict financial and other types of assistance for the future development of the subject property; and/or 3) determine whether specific actions are required to be performed prior to the foreclosure, purchase, sale, loan origination, loan workout or seller financing of the subject property.

This ESA was performed to permit the User to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on scope of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. §9601) liability (hereinafter, the “landowner liability protections,” or “LLPs”). ASTM Standard E1527-21 constitutes “all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice” as defined at 42 U.S.C. §9601(35)(B).

### 1.2 Scope of Work

The scope of work for this ESA is in accordance with and to the extent necessary to achieve the goal of the requirements set forth in the ASTM Standard E1527-21. This assessment included: 1) a property and adjoining site reconnaissance; 2) interviews with key personnel; 3) a review of historical sources; 4) a review of regulatory agency records; and 5) a review of a regulatory database report provided by a third-party vendor. Partner contacted local agencies, such as environmental health departments, fire departments and building departments to obtain readily ascertainable information to determine any current and/or former hazardous substances usage, storage and/or releases of hazardous substances on the subject property. Additionally, Partner researched readily available information on the presence of activity and use limitations (AULs) at these agencies. As defined by ASTM E1527-21, AULs include both legal (that is, institutional) and physical (that is, engineering) controls that may include legal or physical restrictions or limitations on the use of, or access to, a site or facility: 1) to reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil, soil vapor, groundwater, or surface water on the subject property; or 2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or engineering controls (IC/ECs), are intended to prevent adverse impacts to individuals or populations that may be exposed to hazardous substances and petroleum products in the soil, soil vapor, groundwater, and/or surface water on a property.

If requested by Client, this report may also include the identification, discussion of, and/or limited sampling of asbestos-containing materials (ACMs), lead-based paint (LBP), mold, and/or radon.

### **1.3 Limitations**

Partner warrants that the findings and conclusions contained herein were accomplished in accordance with the methodologies set forth in the Scope of Work. These methodologies are described as representing good commercial and customary practice for conducting an ESA of a property for the purpose of identifying recognized environmental conditions. There is a possibility that even with the proper application of these methodologies there may exist on the subject property conditions that could not be identified within the scope of the assessment or which were not reasonably identifiable from the available information. Partner believes that the information obtained from the record review and the interviews concerning the subject property is reliable. However, Partner cannot and does not warrant or guarantee that the information provided by these other sources is accurate or complete. The conclusions and findings set forth in this report are strictly limited in time and scope to the date of the evaluations. The conclusions presented in the report are based solely on the services described therein, and not on scientific tasks or procedures beyond the scope of agreed-upon services or the time and budgeting restraints imposed by the Client. No other warranties are implied or expressed.

Some of the information provided in this report is based upon personal interviews, and research of available documents, records, and maps held by the appropriate government and private agencies. This report is subject to the limitations of historical documentation, availability, and accuracy of pertinent records, and the personal recollections of those persons contacted.

This practice does not address requirements of any state or local laws or of any federal laws other than the all appropriate inquiry provisions of the LLPs. Further, this report does not intend to address all of the compliance and safety concerns, if any, associated with the subject property.

Environmental concerns, which are beyond the scope of a Phase I ESA as defined by ASTM include the following: ACMs, LBP, radon, and lead in drinking water. These issues may affect environmental risk at the subject property and may warrant discussion and/or assessment; however, are considered non-scope issues. If specifically requested by the Client, these non-scope issues are discussed in Section 6.3.

### **1.4 User Reliance**

Sundy Ave Owner LP and South Carolina Housing (herein referred to as Client) engaged Partner to perform this assessment in accordance with an agreement governing the nature, scope and purpose of the work as well as other matters critical to the engagement. All reports, both verbal and written, are for the sole use and benefit of Client. Either verbally or in writing, third parties may come into possession of this report or all or part of the information generated as a result of this work. In the absence of a written agreement with Partner granting such rights, no third parties shall have rights of recourse or recovery whatsoever under any course of action against Partner, its officers, employees, vendors, successors or assigns. Any such unauthorized user shall be responsible to protect, indemnify and hold Partner, Client and their respective officers, employees, vendors, successors and assigns harmless from any and all claims, damages, losses, liabilities, expenses (including reasonable attorneys' fees) and costs attributable to such Use. Unauthorized use of this report shall constitute acceptance of and commitment to these responsibilities, which shall be irrevocable and shall apply regardless of the cause of action or legal theory pled or asserted. Additional legal penalties may apply.

This report has been completed under specific Terms and Conditions relating to scope, relying parties, limitations of liability, indemnification, dispute resolution, and other factors relevant to any reliance on this report. Any parties relying on this report do so having accepted the Terms and Conditions for which this report was completed. A copy of Partner's standard Terms and Conditions can be found at <http://www.partneresi.com/terms-and-conditions.php>.

## 1.5 Limiting Conditions

The findings and conclusions contain all the limitations inherent in these methodologies that are referred to in ASTM Practice E1527-21.

Specific limitations and exceptions to this ESA are more specifically set forth below:

- Interviews with past or current owners, operators and occupants were not reasonably ascertainable and thus constitute a data gap. Based on information obtained from other historical sources, this data gap is not expected to alter the findings of this assessment.
- Partner submitted Freedom of Information Act (FOIA) requests to environmental health, fire, planning, building departments for information pertaining to hazardous substances, underground storage tanks, releases, inspection records, etc. for the subject property and/or adjoining properties. As of this writing, this agency has/these agencies have not responded to Partner's request. Based on information obtained from other historical resources, this limitation is not expected to alter the overall findings of this assessment. OR These records should be obtained and reviewed in order to rule out potential environmental concern to the subject property.

Due to time constraints associated with this report, the Client has requested the report despite the above-listed limitations.

## 2.0 SITE DESCRIPTION

### 2.1 Site Location and Legal Description

The subject property at Fontaine Center Drive in Columbia, South Carolina is located on the south side of Fontaine Road and east side of Fontaine Center Drive. According to the Richland County Property Assessor, the subject property is legally described as "#SU MOSSLEY HILLS #PR 50-4103 O-139 O-131 #PR 52-2614". According to Richland County Property Assessor, ownership is currently vested in Winding Path LLC since 2020.

Please refer to Figure 1: Site Location Map, Figure 2: Site Plan, Figure 3: Topographic Map, and Appendix A: Site Photographs for the location and site characteristics of the subject property.

### 2.2 Current Property Use

The subject property is currently vacant land . There are currently no onsite operations. The subject property is improved with several fire hydrants.

The subject property is designated GC for General Commercial development by Richland County Property Assessor.

### 2.3 Current Use of Adjoining Properties

The subject property is located within a residential and commercial area of Richland County, South Carolina. During the vicinity reconnaissance, Partner observed the land uses on adjoining properties as defined in ASTM Practice E1527-21 as any real property or properties the border of which is contiguous or partially contiguous with that of the property, or that would be contiguous or partially contiguous with that of the property but for a street, road, or other public thoroughfare separating them. The adjoining properties are tabulated below:

#### ADJOINING PROPERTIES

Direction	Land Use/Occupant
<b>North:</b>	Fontaine Road beyond which is Mighty Quinn Trucking Inc. (1300 Fontaine Road)
<b>East:</b>	Mobile Home Park, single-family residences (1801 Bluebird Lane, 1602, 1616, 1624, 1630, 1636, 1640, 1644, 1648, 1650, 1654, 1660, 1664 McCaw Road and 1842 Malcolm Drive)
<b>South:</b>	Two single-family residences and an abandoned residence (1031, 1711 Bluebird Drive)
<b>West:</b>	Fontaine Center Drive beyond which is Gerber Collision & Glass, DirectLink, Tony Thomas Family Karate, Westside residential Home Inc, abandoned buildings, and two single-family residences (100, 120, 130 Fontaine Center Drive, 4044, 4108 Conners Street, 4100, 4112 Hartford Street, and 4035 Booth Street)



## 2.4 Physical Setting Sources

### 2.4.1 Topography

#### TOPOGRAPHIC DATA SUMMARY

<b>Quadrangle Year:</b>	2024
<b>Quadrangle Name:</b>	Fort Jackson North, South Carolina
<b>Source:</b>	USGS 7.5 Minute Topographic Map
<b>Elevation (Feet):</b>	260-290
<b>Slope Direction:</b>	South
<b>Slope Degree:</b>	Gentle

A copy of the most recent topographic map is included as Figure 3 of this report.

### 2.4.2 Hydrology

While under natural and undisturbed conditions shallow groundwater flow most frequently follows the topography of the land surface, natural or man-made features can affect flow direction, and the presumed flow may not match the actual flow directions at the subject property and vicinity.

#### HYDROLOGY DATA SUMMARY

<b>Groundwater Flow Direction:</b>	South
<b>Groundwater Flow Source:</b>	Topographic map interpretation
<b>Estimated Depth to Groundwater (Feet bgs):</b>	Greater than 5
<b>Estimated Depth Source:</b>	Information obtained from ERIS Physical Setting Report
<b>Closest Body of Surface Water Name:</b>	Eightmile Branch
<b>Closest Body of Surface Water Distance (Miles):</b>	Along the east border of the subject property
<b>Closest Body of Surface Water Direction:</b>	East
<b>Water System Operator:</b>	City of Columbia Water
<b>Shallow Groundwater Use:</b>	Not used for domestic purposes
<b>Source of Drinking Water:</b>	Surface water, groundwater, and private well from rivers, lakes, streams, ponds, reservoirs, springs, and wells.

### 2.4.3 Geology/Soils

#### GEOLOGY AND SOIL DATA SUMMARY

<b>Physiographic Province:</b>	The subject property is situated within the Coastal Plain Physiographic Province of South Carolina. The Coastal Plain is characterized by flat land to gently rolling hills and valleys and consist of mostly marine sedimentary rocks that gradually thickens to the east. Additionally, the Atlantic Fall Line is located to the west-northwest of the subject property which separates the Piedmont (crystalline igneous and metamorphic rocks) from the Coastal Plain (unconsolidated sediments).
<b>Geologic Unit Description:</b>	According to the Generalized Geologic Map of the South Carolina, published by the South Carolina Department of Natural Resources Geological Survey in 2005, the subject property is underlain by Upper Cretaceous sediments (unconsolidated) described as micaceous, kaolinitic sands with lenses of clay. These sediments represent fluvial or upper delta-plain environments.
<b>Geologic Data Source:</b>	United States Department of Agriculture (USDA) Natural Resources Conservation Service Web Soil Survey
<b>Soil Series Name:</b>	Johnston loam, Pelion loamy sand, and Pelion-Urban land complex
<b>Soil Series Description:</b>	The Johnson series consists of deep and very deep, well drained soils that formed in loess over material weathered from granitic or metamorphic rocks. Johnson soils are on canyon breaks, structural benches, plateaus, mountains, and hills and have slopes of 5 to 75 percent. The Pelion series consists of very deep moderately well drained soil that formed on marine deposits, fluviomarine deposits and sand sheets and have slopes of 0 to 15 percent. The Urban Land complex connotation are those soils in which the soil's original structure and content have been so altered by human activities it has lost its original characteristics and is thus unidentifiable. Urban soils consist of nearly level to moderately steep areas where the soils have been altered or obscured by urban works and structures. Buildings and pavement cover more than 85 percent of the surface. Included in this unit in mapping are many small areas where the original soil material has been disturbed by

## GEOLOGY AND SOIL DATA SUMMARY

construction and areas where fill has been added.

### 2.4.4 Flood Zone Information

#### FLOOD ZONE DATA SUMMARY

<b>Source:</b>	Federal Emergency Management Agency
<b>Community Panel No.</b>	45079C0261L
<b>FIRM Date:</b>	December 21, 2017
<b>Zone Designation:</b>	Zone X (unshaded); defined as minimal risk areas outside the 1-percent and 0.2-percent-annual-chance floodplains

A copy of the reviewed flood map is included in Appendix B of this report.

### 3.0 HISTORICAL INFORMATION

Partner obtained historical use information about the subject property from a variety of sources. A chronological listing of the historical data found is summarized in the table below:

#### HISTORICAL USE INFORMATION

Years	Resource	Description/Use
1935- c1951	Topographic Maps, Aerial Photographs	Unimproved Land, Agricultural Land
c1961- Present Day	Aerial Photographs, Topographic Maps, Onsite Observations	Vacant Land

No potential environmental concerns were identified in association with the current or former use of the subject property.

#### 3.1 Aerial Photograph Review

Partner obtained available aerial photographs of the subject property and surrounding area from Environmental Risk Information Services (ERIS) on May 23, 2025. The inferred uses of the subject property and adjoining properties as interpreted from the aerial photographs in Appendix B are tabulated below:

Date:	1938	Scale:	1"=500'
<b>Subject Property:</b>	Appears to largely be developed as agricultural land with the southern portion appearing as undeveloped, wooded land. An unimproved path is apparent through the central portion of the subject property		
<b>North:</b>	Appears to be developed with a roadway beyond which is undeveloped, wooded land		
<b>Northeast:</b>	Appears to be developed with a roadway beyond which is undeveloped, wooded land		
<b>East:</b>	Appears to be developed with agricultural land		
<b>Southeast:</b>	Appears to be developed with agricultural land as well as undeveloped, wooded land		
<b>South:</b>	Appears to be undeveloped, wooded land		
<b>Southwest:</b>	Appears to be undeveloped, wooded land		
<b>West:</b>	Appears to be agricultural land		
<b>Northwest:</b>	Appears to be developed with a roadway beyond which is undeveloped, wooded land		
Date:	1943	Scale:	1"=500'
<b>Subject Property:</b>	No significant changes visible		

<b>North:</b>	No significant changes visible
<b>Northeast:</b>	No significant changes visible
<b>East:</b>	No significant changes visible
<b>Southeast:</b>	No significant changes visible
<b>South:</b>	No significant changes visible
<b>Southwest:</b>	Appears developed with a roadway
<b>West:</b>	No significant changes visible
<b>Northwest:</b>	No significant changes visible

Date:	<b>1951</b>	Scale:	<b>1"=500'</b>
<b>Subject Property:</b>	No significant changes visible		
<b>North:</b>	No significant changes visible		
<b>Northeast:</b>	No significant changes visible		
<b>East:</b>	No significant changes visible		
<b>Southeast:</b>	No significant changes visible		
<b>South:</b>	No significant changes visible		
<b>Southwest:</b>	No significant changes visible		
<b>West:</b>	Appears developed with a roadway		
<b>Northwest:</b>	Appears to be agricultural land		

Date:	<b>1961</b>	Scale:	<b>1"=500'</b>
<b>Subject Property:</b>	No longer appears to be utilized for agricultural use. Central portion of subject property appears cleared; however, remaining portions appear as vacant, wooded land		
<b>North:</b>	No significant changes visible		
<b>Northeast:</b>	No significant changes visible		
<b>East:</b>	Appears developed with the present-day structures		
<b>Southeast:</b>	No significant changes visible		
<b>South:</b>	No significant changes visible		
<b>Southwest:</b>	No significant changes visible		
<b>West:</b>	Appears developed with several residential structures		
<b>Northwest:</b>	Appears developed with several structures beyond the existing roadway		

Date:	1971	Scale:	1"=500'
<b>Subject Property:</b>	No significant changes visible		
<b>North:</b>	No significant changes visible		
<b>Northeast:</b>	No significant changes visible		
<b>East:</b>	No significant changes visible		
<b>Southeast:</b>	No significant changes visible		
<b>South:</b>	Appears developed with several residential structures		
<b>Southwest:</b>	No significant changes visible		
<b>West:</b>	Appears developed with several additional residential structures		
<b>Northwest:</b>	No significant changes visible		
Date:	1983	Scale:	1"=500'
<b>Subject Property:</b>	Areas of land clearing are apparent throughout the subject property; however, no structures are apparent		
<b>North:</b>	Appears developed with the present-day structures beyond the existing roadway		
<b>Northeast:</b>	Appears developed with the present-day structure beyond the existing roadway		
<b>East:</b>	No significant changes visible		
<b>Southeast:</b>	Appears developed with the present-day structures		
<b>South:</b>	No significant changes visible		
<b>Southwest:</b>	No significant changes visible		
<b>West:</b>	Appears developed with the present-day interstate as well as vacant land		
<b>Northwest:</b>	Previous structures appear to have been razed, appears developed with the interstate ramp and vacant land		
Date:	1994	Scale:	1"=500'
<b>Subject Property:</b>	No significant changes visible		
<b>North:</b>	No significant changes visible		
<b>Northeast:</b>	No significant changes visible		
<b>East:</b>	No significant changes visible		
<b>Southeast:</b>	No significant changes visible		
<b>South:</b>	No significant changes visible		
<b>Southwest:</b>	No significant changes visible		



<b>West:</b>	Appears developed with the existing interstate, a roadway as well as vacant land
<b>Northwest:</b>	No significant changes visible
<b>Date:</b> 2005	<b>Scale:</b> 1"=500'
<b>Subject Property:</b>	Appears to have undergone land clearing again; however, no structures are apparent
<b>North:</b>	No significant changes visible
<b>Northeast:</b>	No significant changes visible
<b>East:</b>	No significant changes visible
<b>Southeast:</b>	No significant changes visible
<b>South:</b>	No significant changes visible
<b>Southwest:</b>	No significant changes visible
<b>West:</b>	Appears developed with three commercial/industrial structures
<b>Northwest:</b>	No significant changes visible
<b>Date:</b> 2006	<b>Scale:</b> 1"=500'
<b>Subject Property:</b>	No significant changes visible
<b>North:</b>	No significant changes visible
<b>Northeast:</b>	No significant changes visible
<b>East:</b>	No significant changes visible
<b>Southeast:</b>	No significant changes visible
<b>South:</b>	No significant changes visible
<b>Southwest:</b>	No significant changes visible
<b>West:</b>	No significant changes visible
<b>Northwest:</b>	No significant changes visible
<b>Date:</b> 2009	<b>Scale:</b> 1"=500'
<b>Subject Property:</b>	No significant changes visible
<b>North:</b>	No significant changes visible
<b>Northeast:</b>	No significant changes visible
<b>East:</b>	No significant changes visible
<b>Southeast:</b>	No significant changes visible

<b>South:</b>	No significant changes visible		
<b>Southwest:</b>	No significant changes visible		
<b>West:</b>	Appears developed the present-day commercial/industrial structures		
<b>Northwest:</b>	No significant changes visible		
<b>Date:</b>	<b>2011, 2013, 2015, 2017, 219, 2021, 2023</b>	<b>Scale:</b>	<b>1”=500’</b>
<b>Subject Property:</b>	No significant changes visible; however, vegetation grows back after being cleared over the years		
<b>North:</b>	No significant changes visible		
<b>Northeast:</b>	No significant changes visible		
<b>East:</b>	No significant changes visible		
<b>Southeast:</b>	No significant changes visible		
<b>South:</b>	No significant changes visible		
<b>Southwest:</b>	No significant changes visible		
<b>West:</b>	No significant changes visible		
<b>Northwest:</b>	No significant changes visible		

Copies of select aerial photographs are included in Appendix B of this report.

### 3.2 Fire Insurance Maps

Partner reviewed the collection of fire insurance maps (FIMs) from ERIS on May 21, 2025. FIM coverage was not available for the subject property.

A copy of the no coverage letter is included in Appendix B of this report.

### 3.3 City Directories

City directories were not available at the time of report issuance, upon delivery from ERIS, the report will be updated.

## ADJOINING PROPERTY SUMMARY

### 3.4 Historical Topographic Maps

Partner reviewed historical topographic maps obtained from ERIS on May 21, 2025. The following inferred uses of the subject property and adjoining properties interpreted from topographic maps in Appendix B and are tabulated below:

<b>Date:</b>	<b>1935, 1937</b>
<b>Subject Property:</b>	Depicted as undeveloped with a wetland on the southern portion
<b>North:</b>	Depicted as developed with a railroad beyond which is Fontaine Road and a single structure
<b>East:</b>	Depicted as developed with two structures

<b>South:</b>	Depicted as undeveloped
<b>West:</b>	Depicted as undeveloped
<b>Date: 1953, 1972</b>	
<b>Subject Property:</b>	Depicted as undeveloped with Eightmile Branch along the south and west portion
<b>North:</b>	No significant changes depicted
<b>East:</b>	Depicted as developed with single-family residences
<b>South:</b>	Depicted as developed with three residential structures
<b>West:</b>	Depicted as developed with six single-family residences
<b>Date: 1990</b>	
<b>Subject Property:</b>	Depicted as undeveloped with an undeveloped road on the north portion
<b>North:</b>	Depicted as developed with a railroad beyond which is Fontaine Road and a single structure and a highway onramp
<b>East:</b>	Depicted as developed with single-family residences and four structures
<b>South:</b>	No significant changes depicted
<b>West:</b>	No significant changes depicted
<b>Date: 2014, 2017, 2020</b>	
<b>Subject Property:</b>	No structures are depicted
<b>North:</b>	No structures are depicted other than a railroad and road
<b>East:</b>	No structures are depicted other than residential roads
<b>South:</b>	No structures are depicted other than residential roads
<b>West:</b>	No structures are depicted other than residential roads

Copies of reviewed topographic maps are included in Appendix B of this report.

## 4.0 REGULATORY RECORDS REVIEW

### 4.1 Regulatory Agencies

#### *State Department*

##### REGULATORY AGENCY DATA

<b>Name of Agency:</b>	SC Department of Health & Environmental Control
<b>Point of Contact:</b>	scdhec.gov
<b>Agency Address:</b>	2600 Bull Street, Columbia, South Carolina 29201
<b>Agency Phone Number:</b>	803-898-3432
<b>Date of Contact:</b>	May 23, 2025
<b>Method of Communication:</b>	Email
<b>Summary of Communication:</b> As of the date of this report, Partner has not received a response from the SCDHEC for inclusion in this report.	

#### *Health Department*

##### REGULATORY AGENCY DATA

<b>Name of Agency:</b>	SC Department of Health & Environmental Control
<b>Point of Contact:</b>	scdhec.gov
<b>Agency Address:</b>	2600 Bull Street, Columbia, South Carolina 29201
<b>Agency Phone Number:</b>	803-898-3432
<b>Date of Contact:</b>	May 23, 2025
<b>Method of Communication:</b>	Email
<b>Summary of Communication:</b> As of the date of this report, Partner has not received a response from the SCDHEC for inclusion in this report.	

#### *Fire Department*

##### REGULATORY AGENCY DATA

<b>Name of Agency:</b>	Columbia-Richland Fire Department
<b>Point of Contact:</b>	Online
<b>Agency Address:</b>	1800 Laurel Street, Columbia, South Carolina 29201
<b>Agency Phone Number:</b>	803-545-3700
<b>Date of Contact:</b>	May 23, 2025
<b>Method of Communication:</b>	Online Request Form

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**Summary of Communication:**

As of the date of this report, Partner has not received a response from the Columbia-Richland Fire Department for inclusion in this report.

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**Building Department**

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**REGULATORY AGENCY DATA**

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<b>Name of Agency:</b>	Richland County Building Services
<b>Point of Contact:</b>	ombudsman@richlandcountysc.gov
<b>Agency Address:</b>	2020 Hampton Street, Columbia, South Carolina 29204
<b>Agency Phone Number:</b>	803-576-2140
<b>Date of Contact:</b>	May 23, 2025
<b>Method of Communication:</b>	Email and Online Request Form

**Summary of Communication:**

As of the date of this report, Partner has not received a response from the Richland County Building Services for inclusion in this report.

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**Planning Department**

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**REGULATORY AGENCY DATA**

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<b>Name of Agency:</b>	Richland County Planning Department
<b>Point of Contact:</b>	ombudsman@richlandcountysc.gov
<b>Agency Address:</b>	2020 Hampton Street, Columbia, South Carolina 29204
<b>Agency Phone Number:</b>	(803) 576-2190
<b>Date of Contact:</b>	May 23, 2025
<b>Method of Communication:</b>	Email and Online Request Form

**Summary of Communication:**

As of the date of this report, Partner has not received a response from the Richland County Planning Department for inclusion in this report.

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**Assessor's Office**

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**REGULATORY AGENCY DATA**

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<b>Name of Agency:</b>	Richland County Property Assessment
<b>Point of Contact:</b>	Online
<b>Agency Address:</b>	2020 Hampton Street, Columbia, South Carolina 29201
<b>Agency Phone Number:</b>	803-929-6000
<b>Date of Contact:</b>	May 22, 2025
<b>Method of Communication:</b>	Online Research

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**Summary of Communication:**

According to records reviewed, the subject property is identified by Assessor Parcel Number (APN)14201-05-02 and is currently owned by Winding Path LLC since 2020. The vacant land consists of a 19.45-acre lot.

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Copies of pertinent documents are included in Appendix B of this report.

## 4.2 Mapped Database Records Search

The regulatory database report provided by ERIS documents the listing of sites identified on federal, state, county, city, and tribal (when applicable) standard source environmental databases within the approximate minimum search distance (AMSD) specified by ASTM Practice E1527-21. The data from these sources are updated as these data are released and integrated into one database. The information contained in this report was compiled from publicly available sources.

The environmental database information is used to identify environmental concerns in connection with the subject property. The listings also serve to identify the known indications of the storage, use, generation, disposal, or release of hazardous substance at the subject property and the potential for contaminants to migrate onto the subject property from off-site sources in groundwater or soil in the form of liquids or vapor.

Using the ASTM definition of migration, Partner considers the migration of hazardous substances or petroleum products in any form onto the subject property during the evaluation of each site listed on the radius report, which includes solid, liquid, and vapor.

### 4.2.1 Regulatory Database Summary

The following table lists the sites as categorized by the regulatory database within the prescribed AMSD. The locations of the sites are plotted utilizing a geographic information system, which geocodes the site addresses. The accuracy of the geocoded locations is approximately +/-300 feet.

DATABASE REPORT DATA				
Database	AMSD Radius (mile)	Listings Identified		
		Subject Property	Adjoining Properties	Surrounding Area Sites of Concern
Federal NPL	1.00	N	N	N
Delisted NPL Site	0.50	N	N	N
Federal SEMS Site	0.50	N	N	N
Federal SEMS-ARCHIVE	0.50	N	N	N
Federal RCRA CORRACTS Facility	1.00	N	N	N
Federal RCRA TSDF Facility	0.50	N	N	N
Federal RCRA Generators Site	Subject and Adjoining	N	Y	N



(LQG, SQG, VSQG, CESQG)				
Federal IC/EC Registries	Subject Property	N	N	N
Federal ERNS Site	Subject Property	N	N	N
Federal PFAS Facility	0.50	N	N	N
State/Tribal Equivalent NPL	1.00	N	N	N
State/Tribal Equivalent CERCLIS	1.00	N	N	N
State/Tribal Landfill/Solid Waste Disposal Site	0.50	N	N	N
State/Tribal Leaking Storage Tank Site (LUST/LPST)	0.50	N	N	N
State/Tribal Registered Storage Tank Sites (UST/AST)	Subject and Adjoining	N	Y	N
State/Tribal IC/EC Registries	Subject and Adjoining	N	N	N
State/Tribal Voluntary Cleanup Sites (VCP)	0.50	N	N	N
State/Tribal Spills	0.25	N	N	N
Federal Brownfield Sites	0.50	N	N	N
State Brownfield Sites	0.50	N	N	N
State PFAS Facility	0.50	N	N	N
Facility Index System/Facility Registry Service (FINDS/FRS)	Subject and Adjoining	N	Y	N
Integrated Compliance Information System (ICIS)	Subject and Adjoining	N	Y	N
Air Facility System (AFS)	Subject and Adjoining	N	Y	N

#### 4.2.2 Subject Property Listings

The subject property was not identified in the regulatory database report.

#### 4.2.3 Adjoining Property Listings

The adjoining west property was identified as a State/Tribal Registered Underground Storage Tank Sites and Federal RCRA-VSQG site; the adjoining north property was identified as an UST site as discussed below:

##### ADJOINING PROPERTY DATABASE LISTING

<b>Property Name:</b>	Gerber Collision & Glass-Columbia/Fontaine Center and John Harris Body Shop
<b>Address:</b>	100 Fontaine Center Drive
<b>Direction:</b>	West
<b>Hydrological Gradient:</b>	Up-Gradient
<b>Database Listing:</b>	FINDS/FRS, ICIS, RCRA-VSQG, AFS
<b>Discussion :</b>	According to the regulatory database, Gerber Collision & Glass-Columbia/Fontaine Center located adjoining west across Fontaine Center Drive is listed under FINDS/FRS with EPA registry ID 110015633297. This facility is listed in the RCRA-VSQG under EPA Handler ID SCR000768317. An air permit was granted on November 30, 2007, and permanently closed on March 31, 2014. No violations are on file for this adjoining facility. Based on the nature of operations, regulatory oversight, and lack of violations these listings do not represent an environmental concern.

##### ADJOINING PROPERTY DATABASE LISTING

<b>Property Name:</b>	Biltmore Dairy Farms Inc
<b>Address:</b>	101 Warner Road
<b>Direction:</b>	North
<b>Hydrological Gradient:</b>	Down-Gradient
<b>Database Listing:</b>	UST
<b>Discussion :</b>	According to the regulatory database, Biltmore Dairy Farms Inc is designated as site number 7569 with permit N 07569. A 6,000-gallon kerosene UST was abandoned by removal on November 1, 1988. No release or violation was on file with this site or UST. Based on the nature of the listing, regulatory oversight, lack of violation, and time since removal, this listing does not represent an environmental concern.

Based on the findings, vapor migration is not considered an environmental concern at this time.

#### 4.2.4 Surrounding Area Listings of Sites of Concern

No sites of concern are identified in the regulatory database report.

Based on the findings, vapor migration is not considered an environmental concern at this time.

#### **4.2.5 Unplottable Listings**

No unplottable listings of concern are identified in the regulatory database report.

A copy of the regulatory database report is included in Appendix C of this report.

## 5.0 USER PROVIDED INFORMATION AND INTERVIEWS

In order to qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the *Brownfields Amendments*), the *User* must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31. The *User* should provide the following information to the *environmental professional*. Failure to provide this information could result in a determination that *all appropriate inquiries* is not complete. The *User* is asked to provide information or knowledge of the following:

- Review Title and Judicial Records for Environmental Liens and AULs
- Specialized Knowledge or Experience of the User
- Actual Knowledge of the User
- Reason for Significantly Lower Purchase Price
- Commonly Known or *Reasonably Ascertainable* information
- Degree of Obviousness
- Reason for Preparation of this Phase I ESA

Fulfillment of these user responsibilities is key to qualification for the identified defenses to CERCLA liability. Partner requested our Client to provide information to satisfy User Responsibilities as identified in Section 6 of the ASTM guidance.

Pursuant to ASTM Practice E1527-21, Partner requested the following site information from Sundy Ave Owner LP and South Carolina Housing (User of this report).

### USER RESPONSIBILITIES

Item	Provided By User
AAI User Questionnaire	No
Title Records, Environmental Liens, and AULs	No
Specialized Knowledge	No
Actual Knowledge	No
Valuation Reduction for Environmental Issues	No
Identification of Key Site Manager	No
Reason for Performing Phase I ESA	Yes
Prior Environmental Reports	No

## 5.1 Interviews

### 5.1.1 Interview with Owner

The owner of the subject property since 2020, identified as Winding Path LLC, was not available to be interviewed at the time of the assessment.

### 5.1.2 Interview with Report User

Please refer to Section 5.2 below for information requested from the Report User. The information requested was not received prior to the issuance of this report. Because the Report User (Client) is a lender, it is understood that the Report User would not have knowledge of the property that would

significantly impact our ability to satisfy the objectives of this assessment. The lack of this information is not considered to represent a significant data gap.

#### **5.1.3 Interview with Key Site Manager**

A key site manager was not provided to be interviewed at the time of this assessment.

#### **5.1.4 Interviews with Past Owners, Operators and Occupants**

Interviews with past owners, operators, and occupants were not conducted since information regarding the potential for contamination at the subject property was obtained from other sources.

### **5.2 User Provided Information**

#### **5.2.1 Title Records, Environmental Liens, and AULs**

Partner was not provided with title records or environmental lien and AUL information for review as part of this assessment.

#### **5.2.2 Specialized Knowledge**

No specialized knowledge of environmental conditions associated with the subject property was provided by the User at the time of the assessment.

#### **5.2.3 Actual Knowledge of the User**

No actual knowledge of any environmental lien or AULs encumbering the subject property or in connection with the subject property was provided by the User at the time of the assessment.

#### **5.2.4 Valuation Reduction for Environmental Issues**

No knowledge of valuation reductions associated with the subject property was provided by the User at the time of the assessment.

#### **5.2.5 Commonly Known or Reasonably Ascertainable Information**

The User did not provide information that is commonly known or reasonably ascertainable within the local community about the subject property at the time of the assessment.

#### **5.2.6 Previous Reports and Other Provided Documentation**

No previous reports or other pertinent documentation was provided to Partner for review during the course of this assessment.

## 6.0 SITE RECONNAISSANCE

The weather at the time of the site visit was sunny and clear. Refer to Section 1.5 for limitations encountered during the field reconnaissance and Sections 2.1 and 2.2 for subject property operations. The table below provides the site assessment details:

### SITE ASSESSMENT DATA

Site Assessment Performed By:	Kayla Osburn
Site Assessment Conducted On:	May 22, 2025

Partner was unaccompanied during the site reconnaissance.

### SITE VISIT PERSONNEL FOR FONTAINE CENTER DRIVE (SUBJECT PROPERTY)

Name	Title/Role	Contact Number	Site Walk*
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No

\* Accompanied Partner during the field reconnaissance activities and provided information pertaining to the current operations and maintenance of the subject property

No potential environmental concerns were identified during the onsite reconnaissance.

### 6.1 General Site Characteristics

#### 6.1.1 Solid Waste Disposal

Solid waste is not currently generated onsite. Partner observed illegal dumping throughout the property; however, most was located on the south-southwest side of the property adjoining to the cul-de-sac. Debris should be removed through routine maintenance.

#### 6.1.2 Sewage Discharge and Disposal

No wastewater treatment facilities were observed or reported on the subject property. No septic systems were observed or reported on the subject property.

#### 6.1.3 Stormwater and Surface Water Drainage

Stormwater is removed from the property primarily due to ground infiltration. No drywells were identified on the subject property.

#### 6.1.4 Source of Heating and Cooling

Based on the lack of onsite structures, no heating or cooling sources were observed onsite.

#### 6.1.5 Wells and Cisterns

No aboveground evidence of wells or cisterns was observed during the site reconnaissance.

#### 6.1.6 Wastewater

Domestic wastewater is not generated at the subject property. No industrial processes are currently performed at the subject property.

#### 6.1.7 Septic Systems

No septic systems were observed or reported on the subject property.

### **6.1.8 Additional Site Observations**

No additional general site characteristics were observed during the site reconnaissance.

## **6.2 Potential Environmental Hazards**

### **6.2.1 Hazardous Substances and Petroleum Products Used or Stored at the Site**

No hazardous substances or petroleum products were observed on the subject property during the site reconnaissance.

### **6.2.2 Aboveground & Underground Hazardous Substance or Petroleum Product Storage Tanks (ASTs/USTs)**

No evidence of current or former ASTs or USTs was observed during the site reconnaissance.

### **6.2.3 Evidence of Releases**

No spills, stains, or other indications that a surficial release has occurred at the subject property were observed.

### **6.2.4 Polychlorinated Biphenyls (PCBs)**

No potential PCB-containing equipment (transformers, oil-filled switches, hoists, lifts, dock levelers, hydraulic elevators, etc.) was observed on the subject property during Partner's reconnaissance.

### **6.2.5 Strong, Pungent or Noxious Odors**

No strong, pungent or noxious odors were evident during the site reconnaissance.

### **6.2.6 Pools of Liquid**

No pools of liquid were observed on the subject property during the site reconnaissance.

### **6.2.7 Drains, Sumps and Clarifiers**

No drains, sumps, or clarifiers, other than those associated with storm water removal, were observed on the subject property during the site reconnaissance.

### **6.2.8 Pits, Ponds and Lagoons**

No pits, ponds, or lagoons were observed on the subject property.

### **6.2.9 Stressed Vegetation**

No stressed vegetation was observed on the subject property.

### **6.2.10 Additional Potential Environmental Hazards and Emerging Contaminants**

Partner evaluated the current subject property use during the site reconnaissance for potential environmental hazards, including Per- and Polyfluoroalkyl Substances (PFAS) impacts to the subject property. Based on the site observations likely PFAS impacts to the subject property based on current use were not identified. Based on this information, PFAS are not considered an environmental concern at this time.

No additional environmental hazards, including landfill activities or radiological hazards, were observed.

## 6.3 Non-ASTM Services

### 6.3.1 Asbestos-Containing Materials (ACMs)

Asbestos is the name given to a number of naturally occurring, fibrous silicate minerals mined for their useful properties such as thermal insulation, chemical and thermal stability, and high tensile strength. The Occupational Safety and Health Administration (OSHA) regulation 29 CFR 1926.1101 requires certain construction materials to be presumed to contain asbestos, for purposes of this regulation. All thermal system insulation (TSI), surfacing material, and asphalt/vinyl flooring that are present in a building that have not been appropriately tested are “presumed asbestos-containing material” (PACM).

Based on the lack of onsite structures, ACMs were not considered within the scope of this assessment.

### 6.3.2 Lead-Based Paint (LBP)

Lead is a highly toxic metal that affects virtually every system of the body. LBP is defined as any paint, varnish, stain, or other applied coating that has 1 mg/cm<sup>2</sup> (or 5,000 µg/g or 0.5% by weight) or more of lead. Congress passed the Residential Lead-Based Paint Hazard Reduction Act of 1992, also known as “Title X,” to protect families from exposure to lead from paint, dust, and soil. Under Section 1017 of Title X, intact LBP on most walls and ceilings is not considered a “hazard,” although the condition of the paint should be monitored and maintained to ensure that it does not become deteriorated. Further, Section 1018 of this law directed the Housing and Urban Development (HUD) and the US EPA to require the disclosure of known information on LBP and LBP hazards before the sale or lease of most housing built before 1978.

Due to the lack of onsite structures, LBP was not considered within the scope of this assessment.

### 6.3.3 Radon

Radon is a colorless, odorless, naturally occurring, radioactive, inert, gaseous element formed by radioactive decay of radium (Ra) atoms. The US EPA has prepared a map to assist National, State, and local organizations to target their resources and to implement radon-resistant building codes. The map divides the country into three Radon Zones, according to the table below:

**EPA RADON ZONES**

EPA Zones	Average Predicted Radon Levels	Potential
Zone 1	Exceed 4.0 pCi/L	Highest
Zone 2	Between 2.0 and 4.0 pCi/L	Moderate
Zone 3	Less than 2.0 pCi/L	Low

It is important to note that the EPA has found homes with elevated levels of radon in all three zones, and the US EPA recommends site-specific testing in order to determine radon levels at a specific location. However, the map does give a valuable indication of the propensity of radon gas accumulation in structures.

Review of the US EPA Map of Radon Zones places the subject property in Zone 3. Based upon the radon zone classification, radon is not considered an environmental concern.

### 6.3.4 Lead in Drinking Water

#### LEAD IN DRINKING WATER SUMMARY

**Water System Operator:** City of Columbia Water



## LEAD IN DRINKING WATER SUMMARY

<b>Contact at Water System Operator:</b>	
<b>Source of Drinking Water:</b>	Surface water, groundwater, and private well from rivers, lakes, streams, ponds, reservoirs, springs, and wells.
<b>Year of Annual Water Quality Report:</b>	2023
<b>Compliance Status:</b>	Water supplied is in compliance with all State and Federal regulations pertaining to drinking water standards for lead.

Water sampling was not conducted to verify water quality.

### **6.3.5 Microbial Growth**

Molds are microscopic organisms found virtually everywhere, indoors and outdoors. Mold will grow and multiply under the right conditions, needing only sufficient moisture (e.g. in the form of very high humidity, condensation, or water from a leaking pipe, etc.) and organic material (e.g., ceiling tile, drywall, paper, or natural fiber carpet padding).

Based on the lack of onsite structures, microbial growth and water damage was not considered within the scope of this assessment.

### **6.3.6 Wetlands**

The subject property does not appear to be a designated wetland area, according to information obtained from the United States Fish and Wildlife Service's Online Wetlands Mapper. Partner did observe open water bodies (stream) during the site reconnaissance.

## **6.4 Adjoining Property Reconnaissance**

The adjoining property reconnaissance consisted of observing the adjoining properties from the subject property premises.

### **6.4.1 Hazardous Substances and Petroleum Products Used or Stored at the Site**

No hazardous substances or petroleum products were observed on adjoining properties during the limited adjoining property reconnaissance.

### **6.4.2 ASTs/USTs for Hazardous Substances or Petroleum Products**

No ASTs or USTs for hazardous substances/petroleum products were observed on adjoining properties during the limited adjoining property reconnaissance.

### **6.4.3 Evidence of Releases**

No evidence of a release was observed on adjoining properties during the limited adjoining property reconnaissance.

### **6.4.4 PCBs**

No PCB containing materials were observed on adjoining properties during the limited adjoining property reconnaissance.

#### **6.4.5 Strong, Pungent, or Noxious Odors**

No strong, pungent, or noxious odors were observed on adjoining properties during the limited adjoining property reconnaissance.

#### **6.4.6 Pools of Liquid**

No pools of liquid were observed on adjoining properties during the limited adjoining property reconnaissance.

#### **6.4.7 Drains, Sumps, and Clarifiers**

No drains, sumps, or clarifiers were observed on adjoining properties during the limited adjoining property reconnaissance.

#### **6.4.8 Pits, Ponds, and Lagoons**

No pits, ponds, or lagoons were observed on adjoining properties during the limited adjoining property reconnaissance.

#### **6.4.9 Stressed Vegetation**

No stressed vegetation was observed on adjoining properties during the limited adjoining property reconnaissance.

#### **6.4.10 Additional Potential Environmental Hazards and Emerging Contaminants**

Partner evaluated the current adjoining property use/uses during the site reconnaissance for potential environmental hazards, including PFAS impacts to the subject property. Based on observations made from the subject property borders likely emerging contaminants or PFAS impacts to the subject property from current adjoining property use/uses were not identified. Based on this information, PFAS are not considered an environmental concern.

No additional environmental hazards were observed on adjoining properties during the limited adjoining property reconnaissance.

## 7.0 VAPOR ENCROACHMENT CONDITIONS

Partner conducted a limited non-intrusive vapor screening on the subject property to identify, to the extent feasible, the potential for vapor encroachment conditions (VECs) in connection with the subject property. This included consideration of chemicals of concern (COC) that may migrate as vapors into the subsurface of the subject property as a result of contaminated soil and groundwater on or near the property.

This screening utilized readily available data sources previously discussed in this Phase I ESA that includes:

- the physical setting of the subject property (Section 2.4),
- standard historical sources for the subject property, adjoining, and surrounding area (Section 3.0),
- known or potentially contaminated sites as identified from information from regulatory agencies and sites on Federal, State, tribal and local databases (Section 4.0), and
- information from the site reconnaissance (Section 6.0) of the subject property and observations of the surrounding properties.

The results of our data collection, reconnaissance, and analysis are tabulated below:

### POTENTIAL FOR VAPOR ENCROACHMENT TO IMPACT THE SUBJECT PROPERTY

Area of Concern	Likely or Known VEC to Subject Property
<b>Subject Property Existing Operations or Conditions (Sections 2.0 and 6.0)</b>	None identified that impact the subject property.
<b>Historical Uses of the Subject Property (Section 3.0)</b>	None identified that impact the subject property.
<b>Adjoining Property Operations or Existing Conditions (Sections 2.3 and 6.4)</b>	None identified that impact the subject property.
<b>Historical Uses of Adjoining Properties or Nearby Properties (Section 3.0)</b>	None identified that impact the subject property.
<b>Regulatory Review of sites identified on Federal, State, tribal and Local Environmental Databases which were located in the AMSD (Section 4.0)</b>	None identified that impact the subject property.

Based on the findings of the limited non-intrusive vapor screening, vapor intrusion is unlikely to be an issue of concern in connection with the existing structures on the subject property. As such, no further assessment is recommended.

## 8.0 FINDINGS AND CONCLUSIONS

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### Findings and Opinions

#### ***Recognized Environmental Condition***

A recognized environmental condition (REC) refers to the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment.

- Partner did not identify any RECs during the course of this assessment.

#### ***Controlled Recognized Environmental Condition***

A controlled recognized environmental condition (CREC) refers to a REC affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, activity and use limitations or other property use limitations).

- Partner did not identify any CRECs during the course of this assessment.

#### ***Historical Recognized Environmental Condition***

A historical recognized environmental condition (HREC) refers to a previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls (for example, activity and use limitations or other property use limitations).

- Partner did not identify any HRECs during the course of this assessment.

#### ***Business Environmental Risk***

A Business Environmental Risk (BER) is a risk which can have a material environmental or environmentally driven impact on the business associated with the current or planned use of commercial real estate, not necessarily related to those environmental issues required to be investigated in this practice.

- Partner did not identify any BERs during the course of this assessment.

### ***Significant Data Gaps***

No significant data gaps affecting the ability of the Environmental Professional to identify a REC were encountered during this assessment.

### **Conclusions and Recommendations**

Partner has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-21 of Fontaine Center Drive in Columbia, Richland County, South Carolina (the "subject property"). Any exceptions to, or deletions from, this practice are described in Section 1.5 of this report.

This assessment has revealed no evidence of RECs, CRECs, HRECs, or BERs in connection with the subject property. Based on the conclusions of this assessment, Partner recommends no further investigation of the subject property at this time.

This assessment has revealed no evidence of RECs, CRECs, HRECs, or BERs in connection with the subject property. Based on the conclusions of this assessment, Partner recommends no further investigation of the subject property at this time.

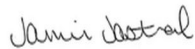
## 9.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

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Partner has performed a Phase I Environmental Site Assessment of the property located at Fontaine Center Drive in Columbia, Richland County, South Carolina in conformance with the scope and limitations of the protocol and the limitations stated earlier in this report. Exceptions to or deletions from this protocol are discussed earlier in this report.

By signing below, Partner declares that, to the best of our professional knowledge and belief, we meet the definition of *Environmental Professional* as defined in §312.10 of 40 CFR §312. Partner has the specific qualifications based on education, training, and experience to assess a *property* of the nature, history, and setting of the subject *property*. Partner has developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Reviewed By:



Jamie Jastrab  
Environmental Professional

## 10.0 REFERENCES

---

American Society for Testing and Materials, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Designation: E1527-21

Environmental Risk Information Services (ERIS), City Directory, Fire Insurance Maps, Historic Aerials, Physical Setting Report, Radius Report, Topographic Maps, May 2025

Federal Emergency Management Agency, Federal Insurance Administration, National Flood Insurance Program, Flood Insurance Map, accessed via the internet, May 2025

United States Department of Agriculture, Natural Resources Conservation Service, Web Soil Survey, accessed via the internet, May 2025

United States Environmental Protection Agency, EPA Map of Radon Zones (Document EPA-402-R-93-071), accessed via the internet, May 2025

United States Fish and Wildlife Service, National Wetlands Inventory, accessed via the internet, May 2025

United States Geological Survey, accessed via the internet, May 2025

United States Geological Survey Topographic Map 2024, 7.5-minute series, accessed via the internet, May 2025

## FIGURES

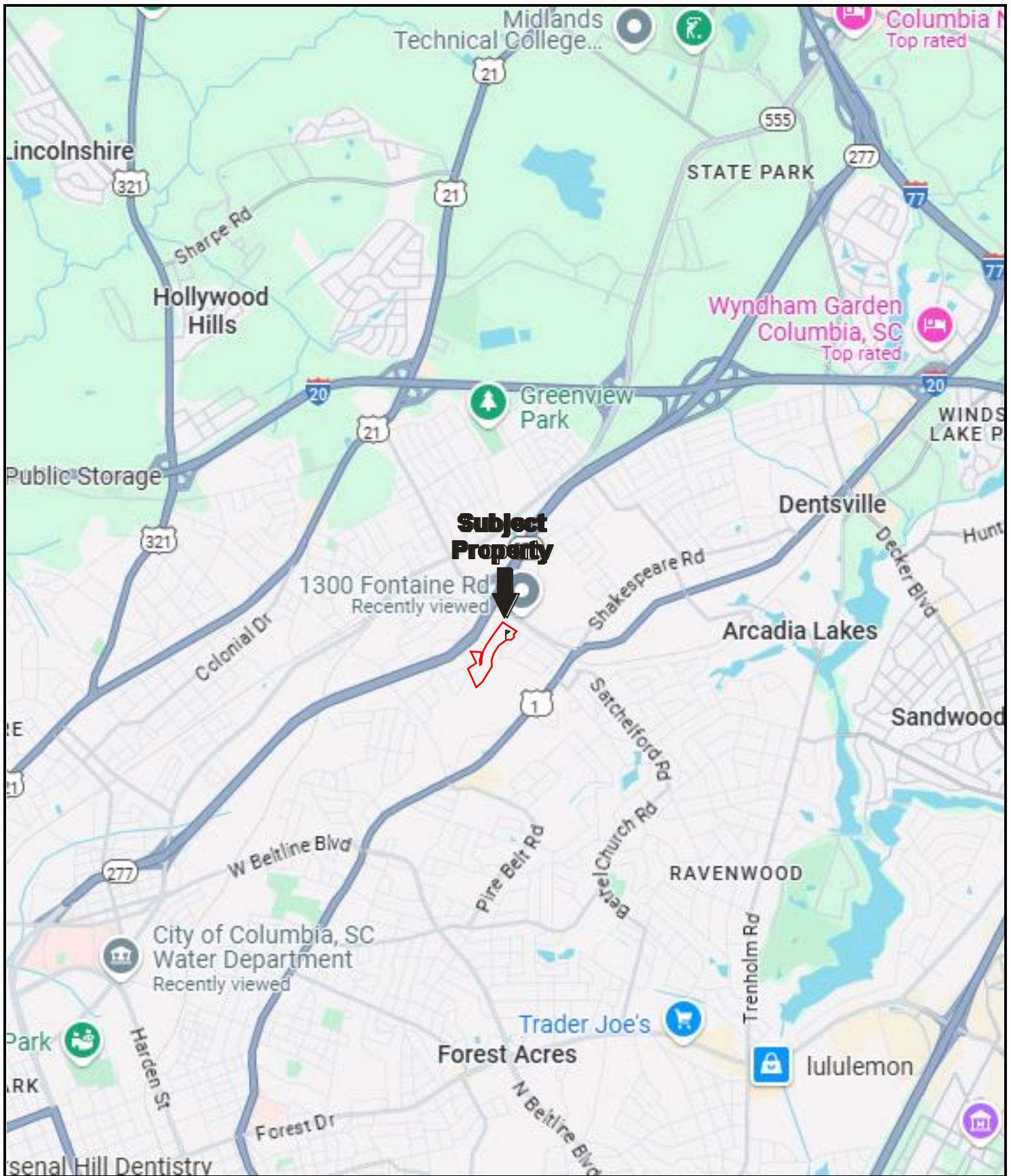
---

1: Site Location Map

2: Site Plan

3: Topographic Map





Drawing Not To Scale

KEY:  
Subject Property 

**FIGURE 1: SITE LOCATION MAP**  
Project No. 25-492574.3





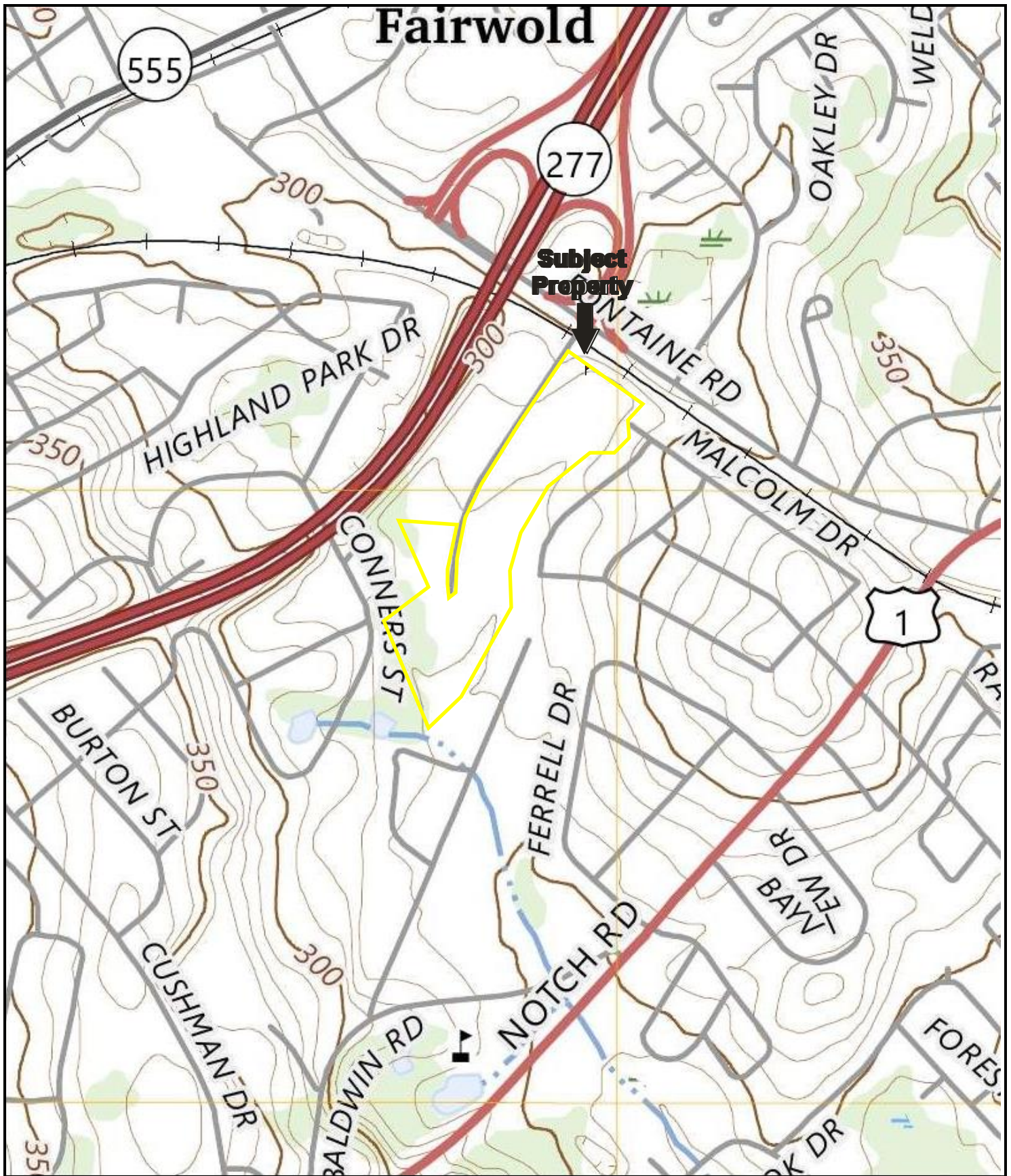
**GROUNDWATER  
FLOW**



KEY:  
Subject Property 

**FIGURE 2: SITE PLAN**  
Project No. 25-492574.3





USGS 7.5-Minute Fort Jackson North, SC Quadrangle  
Created: 2024

KEY:  
Subject Property 

**FIGURE 3: TOPOGRAPHIC MAP**  
Project No. 25-492574.3

## APPENDIX A: SITE PHOTOGRAPHS

---





1. View of subject property from the center facing north

2. View of the subject property from the center facing south



3. View of the southern portion of the property

4. View of the southeast side of the subject property beyond is an adjoining



5. Observed fire hydrants located on the western property line

6. View of the subject property from the southern side





7. View of subject property from center facing north



8. View of subject property from center facing east



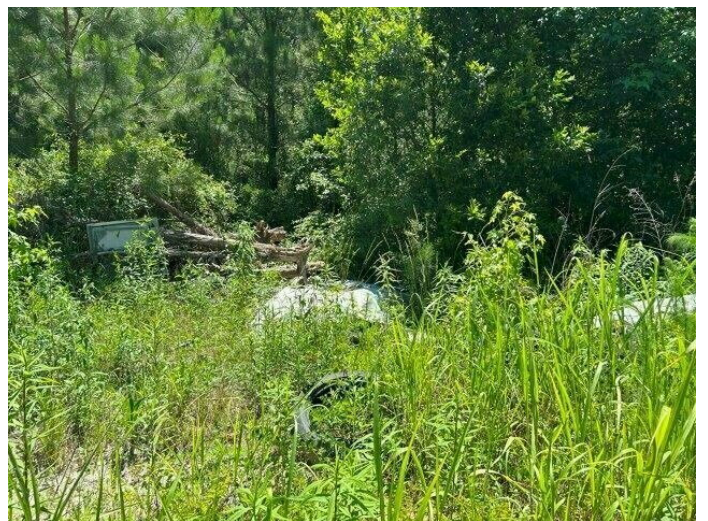
9. View of the subject property from the north



10. Observed dumping on the east side of the subject property



11. Observed dumping on the south end of the subject property



12. Observed dumping on the south end of the subject property





13. Adjoining property to the northwest



14. Adjoining property to the northwest



15. Adjoining property to the northwest



16. Adjoining railroad to the north of the property



17. Adjoining property to the southwest



18. Adjoining property to the southeast





19. Adjoining property to the north



20. Adjoining property to the north



## **APPENDIX B: HISTORICAL/REGULATORY DOCUMENTATION**

---

500  
Feet

**Subject  
Property**



2000  
Phase  
1/19

Year: 1938  
Source: ASCS  
Scale: 1" = 500'  
Comment:

Address: Fontaine Center Drive, COLUMBIA, SC  
Approx Center: -80.99128738,34.05210486

Order No: 25052100931

**PARTNER**



500  
Feet

**Subject  
Property**



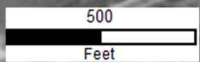
Year: 1943  
Source: ASCS  
Scale: 1" = 500'  
Comment:

Address: Fontaine Center Drive, COLUMBIA, SC  
Approx Center: -80.99128738,34.05210486

Order No: 25052100931

**PARTNER**





**Subject  
Property**



Year: 1951  
Source: ASCS  
Scale: 1" = 500'  
Comment:

Address: Fontaine Center Drive, COLUMBIA, SC  
Approx Center: -80.99128738,34.05210486

Order No: 25052100931

**PARTNER**



500  
Feet

**Subject  
Property**



Year: 1961  
Source: USAF  
Scale: 1" = 500'  
Comment:

Address: Fontaine Center Drive, COLUMBIA, SC  
Approx Center: -80.99128738,34.05210486

Order No: 25052100931

**PARTNER**



500  
Feet

**Subject  
Property**



Year: 1971  
Source: USGS  
Scale: 1" = 500'  
Comment:

Address: Fontaine Center Drive, COLUMBIA, SC  
Approx Center: -80.99128738,34.05210486

Order No: 25052100931

**PARTNER**



500  
Feet

**Subject  
Property**



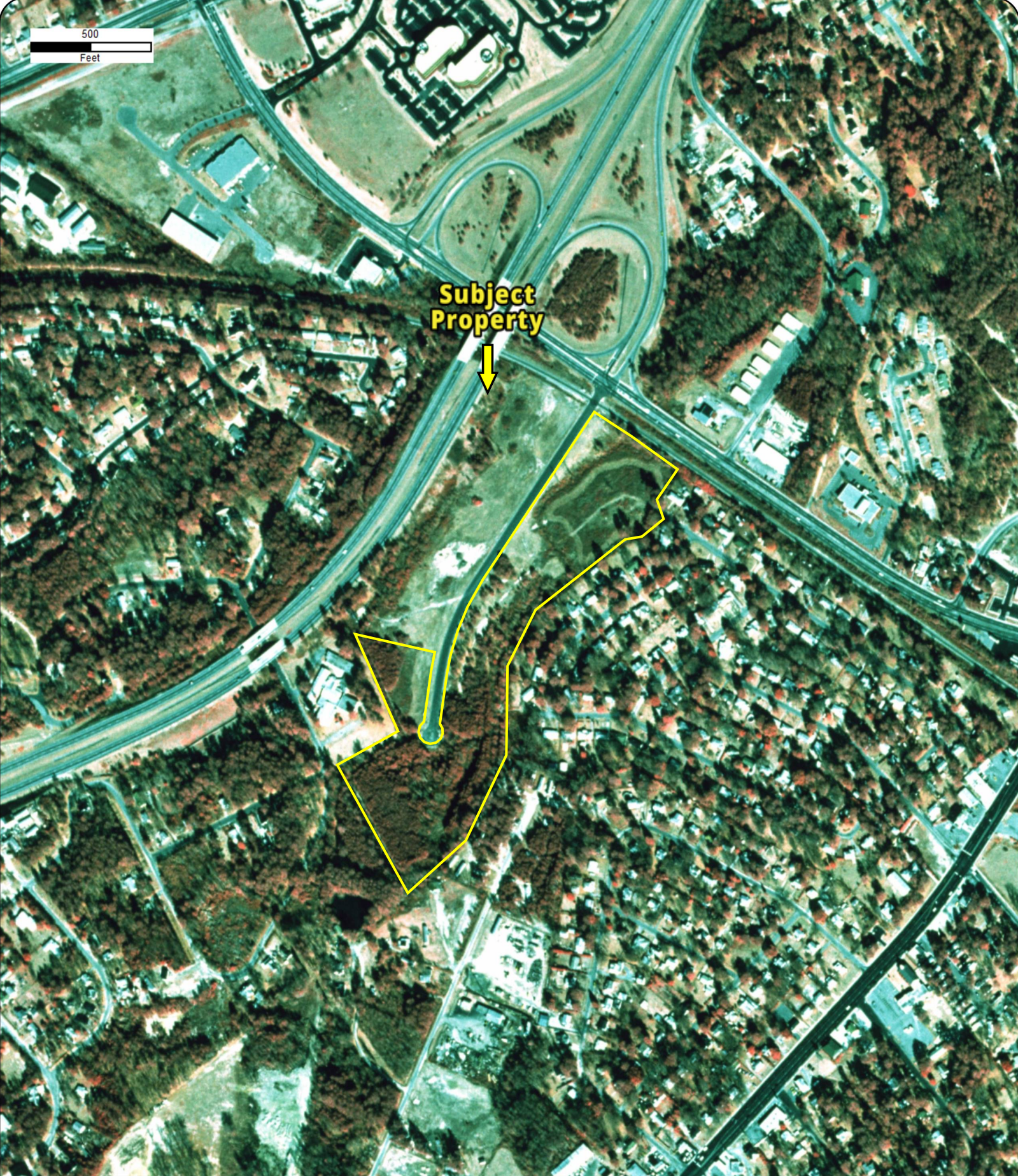
Year: 1983  
Source: USGS  
Scale: 1" = 500'  
Comment:

Address: Fontaine Center Drive, COLUMBIA, SC  
Approx Center: -80.99128738,34.05210486

Order No: 25052100931

**PARTNER**





Year: 1994  
Source: USGS  
Scale: 1" = 500'  
Comment:

Address: Fontaine Center Drive, COLUMBIA, SC  
Approx Center: -80.99128738,34.05210486

Order No: 25052100931

**PARTNER**



500  
Feet

**Subject  
Property**



Year: 2005  
Source: USDA  
Scale: 1" = 500'  
Comment:

Address: Fontaine Center Drive, COLUMBIA, SC  
Approx Center: -80.99128738,34.05210486

Order No: 25052100931

**PARTNER**



500  
Feet

**Subject  
Property**



Year: 2006  
Source: USDA  
Scale: 1" = 500'  
Comment:

Address: Fontaine Center Drive, COLUMBIA, SC  
Approx Center: -80.99128738,34.05210486

Order No: 25052100931

**PARTNER**



500  
Feet

**Subject  
Property**



Year: 2009  
Source: USDA  
Scale: 1" = 500'  
Comment:

Address: Fontaine Center Drive, COLUMBIA, SC  
Approx Center: -80.99128738,34.05210486

Order No: 25052100931

**PARTNER**





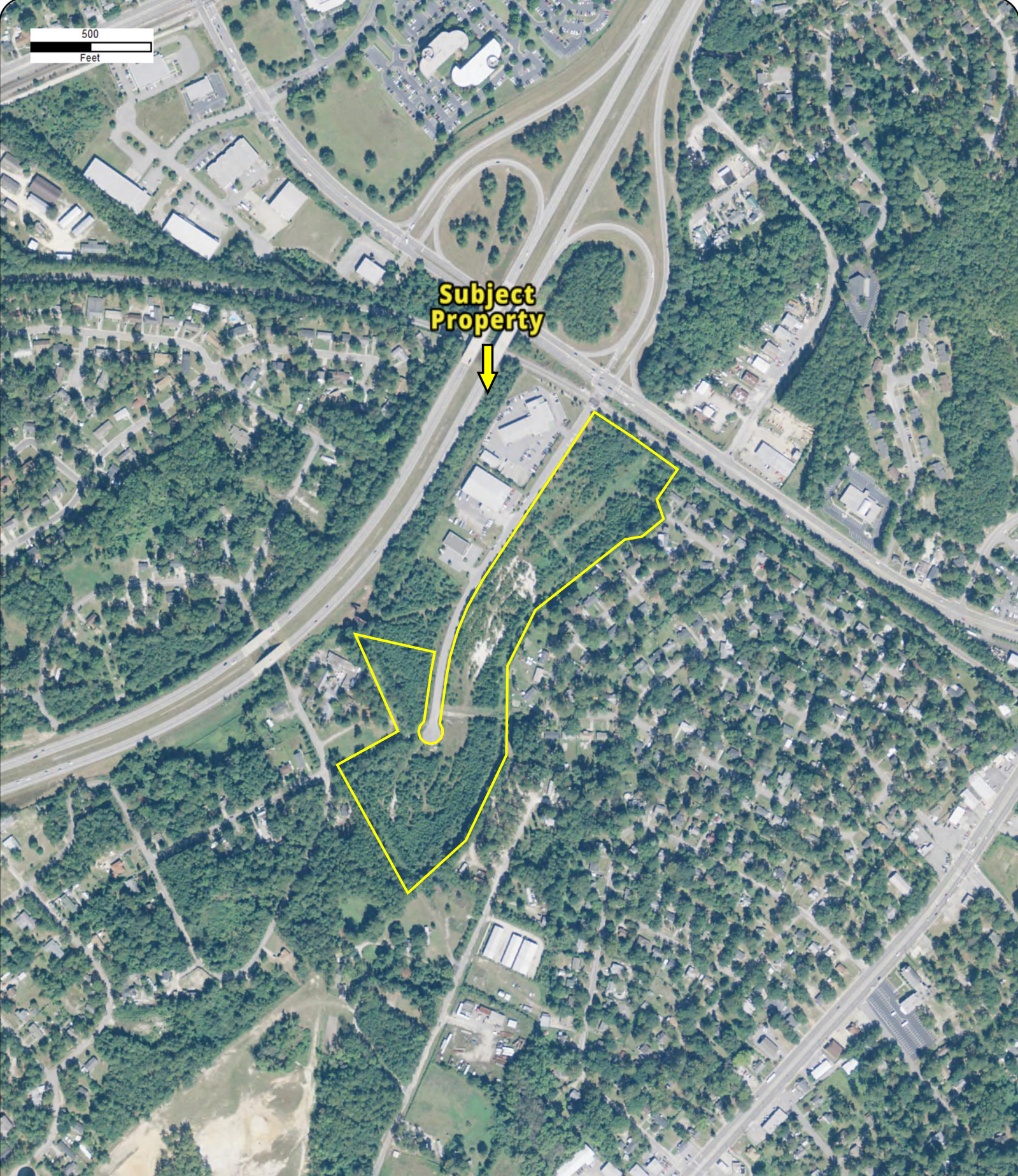
Year: 2011  
Source: USDA  
Scale: 1" = 500'  
Comment:

Address: Fontaine Center Drive, COLUMBIA, SC  
Approx Center: -80.99128738,34.05210486

Order No: 25052100931







Year: 2013  
Source: USDA  
Scale: 1" = 500'  
Comment:

Address: Fontaine Center Drive, COLUMBIA, SC  
Approx Center: -80.99128738,34.05210486

Order No: 25052100931





500  
Feet

**Subject  
Property**



Year: 2015  
Source: USDA  
Scale: 1" = 500'  
Comment:

Address: Fontaine Center Drive, COLUMBIA, SC  
Approx Center: -80.99128738,34.05210486

Order No: 25052100931

**PARTNER**



500  
Feet

**Subject  
Property**



Year: 2017  
Source: USDA  
Scale: 1" = 500'  
Comment:

Address: Fontaine Center Drive, COLUMBIA, SC  
Approx Center: -80.99128738,34.05210486

Order No: 25052100931

**PARTNER**



500  
Feet

**Subject  
Property**



Year: 2019  
Source: USDA  
Scale: 1" = 500'  
Comment:

Address: Fontaine Center Drive, COLUMBIA, SC  
Approx Center: -80.99128738,34.05210486

Order No: 25052100931

**PARTNER**



500  
Feet

**Subject  
Property**



Year: 2021  
Source: USDA  
Scale: 1" = 500'  
Comment:

Address: Fontaine Center Drive, COLUMBIA, SC  
Approx Center: -80.99128738,34.05210486

Order No: 25052100931

**PARTNER**





**Subject  
Property**



Year: 2023  
Source: USDA  
Scale: 1" = 500'  
Comment:

Address: Fontaine Center Drive, COLUMBIA, SC  
Approx Center: -80.99128738,34.05210486

Order No: 25052100931







# FIRE INSURANCE MAPS

**Project Property:** Sanctuary Landing  
Fontaine Center Drive COLUMBIA SC  
**Project No:** 25-492574.3  
**Requested By:** Partner Engineering and Science, Inc.  
**Order No:** 25052100931  
**Date Completed:** May 21, 2025

---

**Please note that no information was found for your site or adjacent properties.**



---

# TOPOGRAPHIC MAPS

**Project Property:** Sanctuary Landing  
  
Fontaine Center Drive  
COLUMBIA SC None

**Project No:** 25-492574.3

**Requested By:** Partner Engineering and Science, Inc.

**Order No:** 25052100931

**Date Completed:** May 21, 2025

We have searched USGS collections of current topographic maps and historical topographic maps for the project property. Below is a list of maps found for the project property and adjacent area. Maps are from 7.5 and 15 minute topographic map series, if available.

Year	Map Series
1935	15
1937	15
1953	7.5
1972	7.5
1990	7.5
2014	7.5
2017	7.5
2020	7.5

**Topographic Map Symbolology for the maps may be available in the following documents:**

*Pre-1947*

[Page 223 of 1918 Topographic Instructions](#)

[Page 130 of 1928 Topographic Instructions](#)

*1947-2009*

[Topographic Map Symbols](#)

*2009-present*

[US Topo Map Symbols](#)

Topographic Maps included in this report are produced by the USGS and are to be used for research purposes including a phase I report. Maps are not to be resold as commercial property.

No warranty of Accuracy or Liability for ERIS: The information contained in this report has been produced by ERIS Information Inc.(in the US) and ERIS Information Limited Partnership (in Canada), both doing business as 'ERIS', using Topographic Maps produced by the USGS.

This maps contained herein does not purport to be and does not constitute a guarantee of the accuracy of the information contained herein. Although ERIS has endeavored to present you with information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

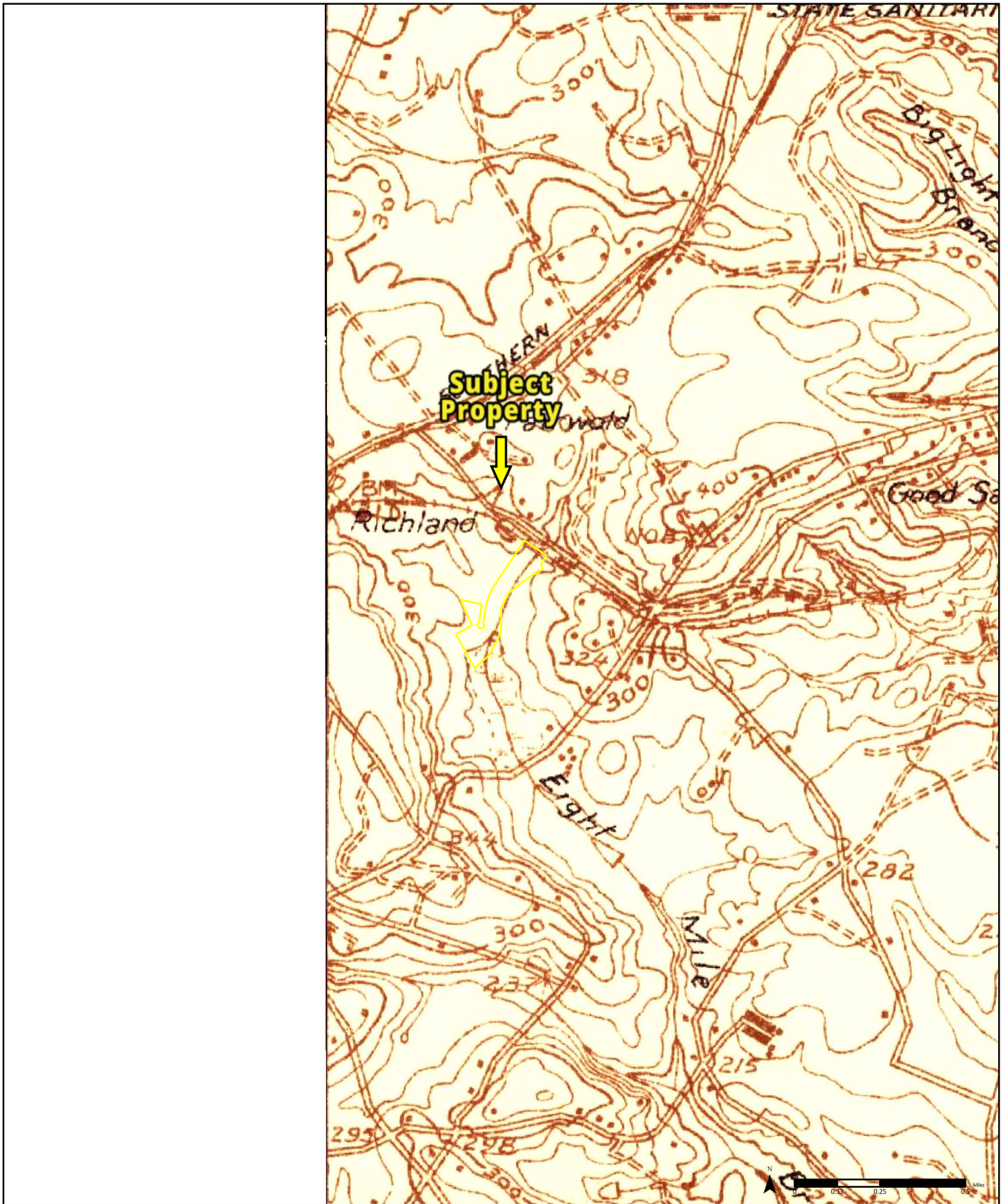
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## **Environmental Risk Information Services**

*A division of Glacier Media Inc.*

1.866.517.5204 | [info@erisinfo.com](mailto:info@erisinfo.com) | [erisinfo.com](http://erisinfo.com)



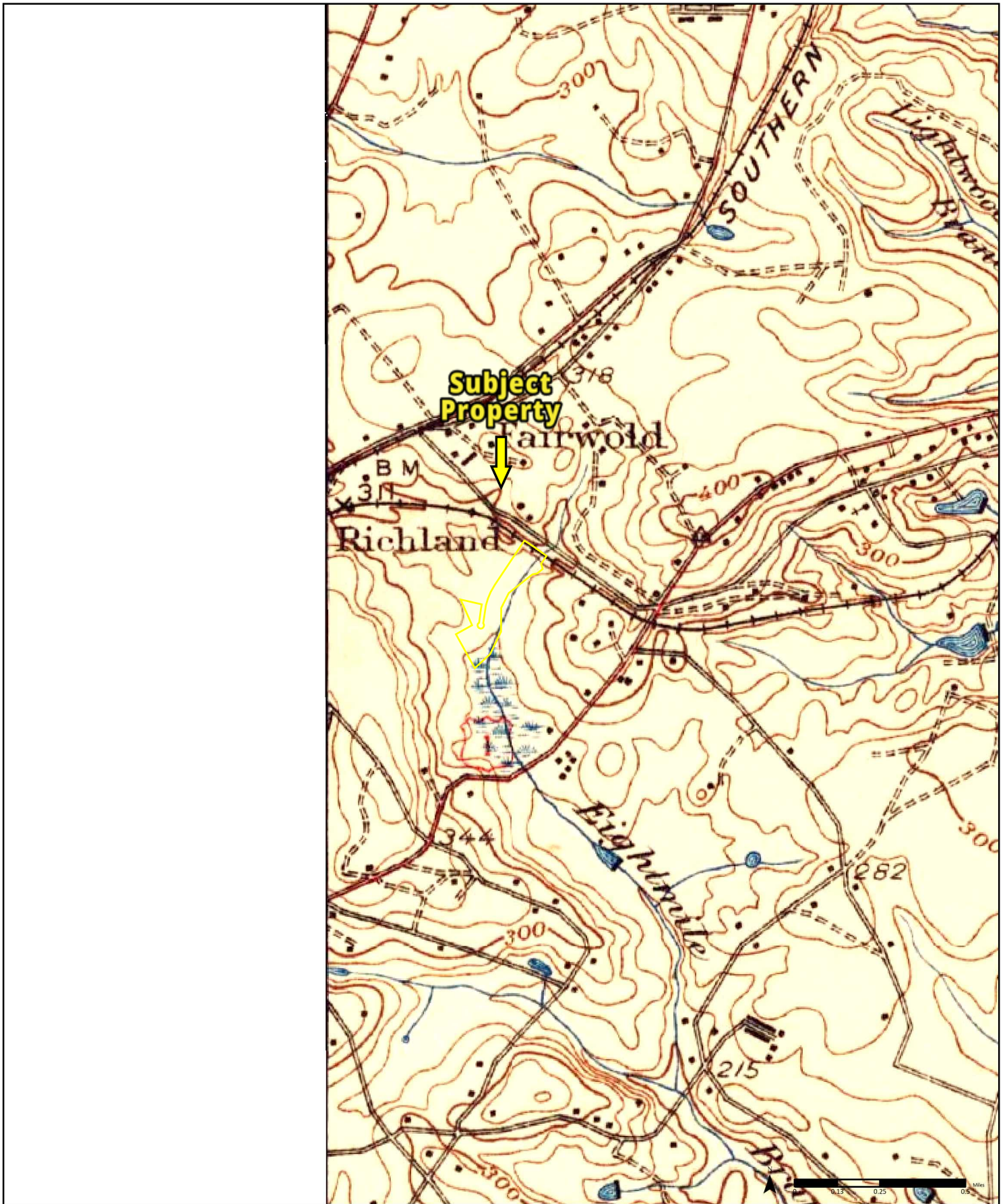


1935

Available Quadrangle(s): Killian, SC

Order No. 25052100931



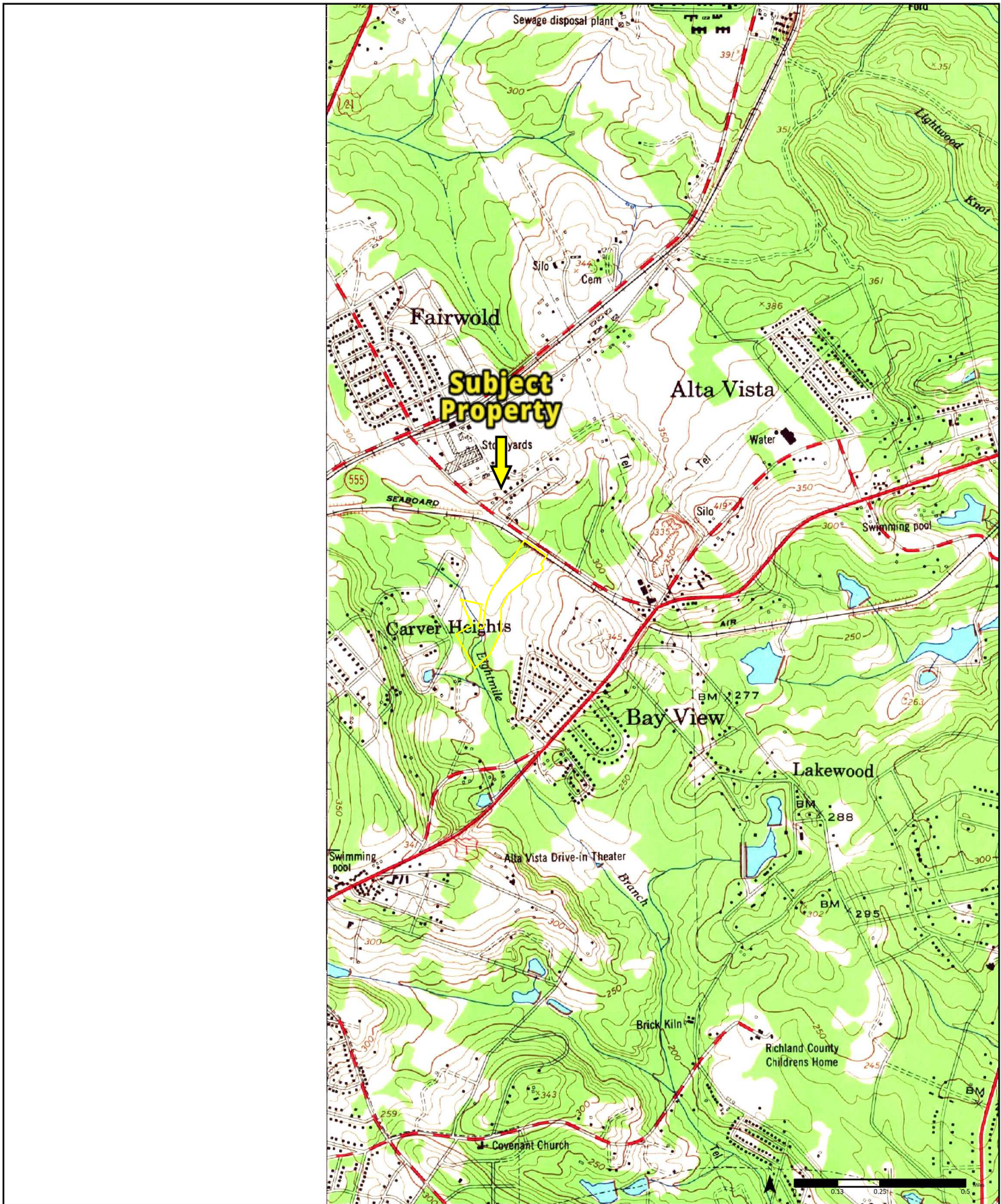


1937

Available Quadrangle(s): Killian, SC

Order No. 25052100931





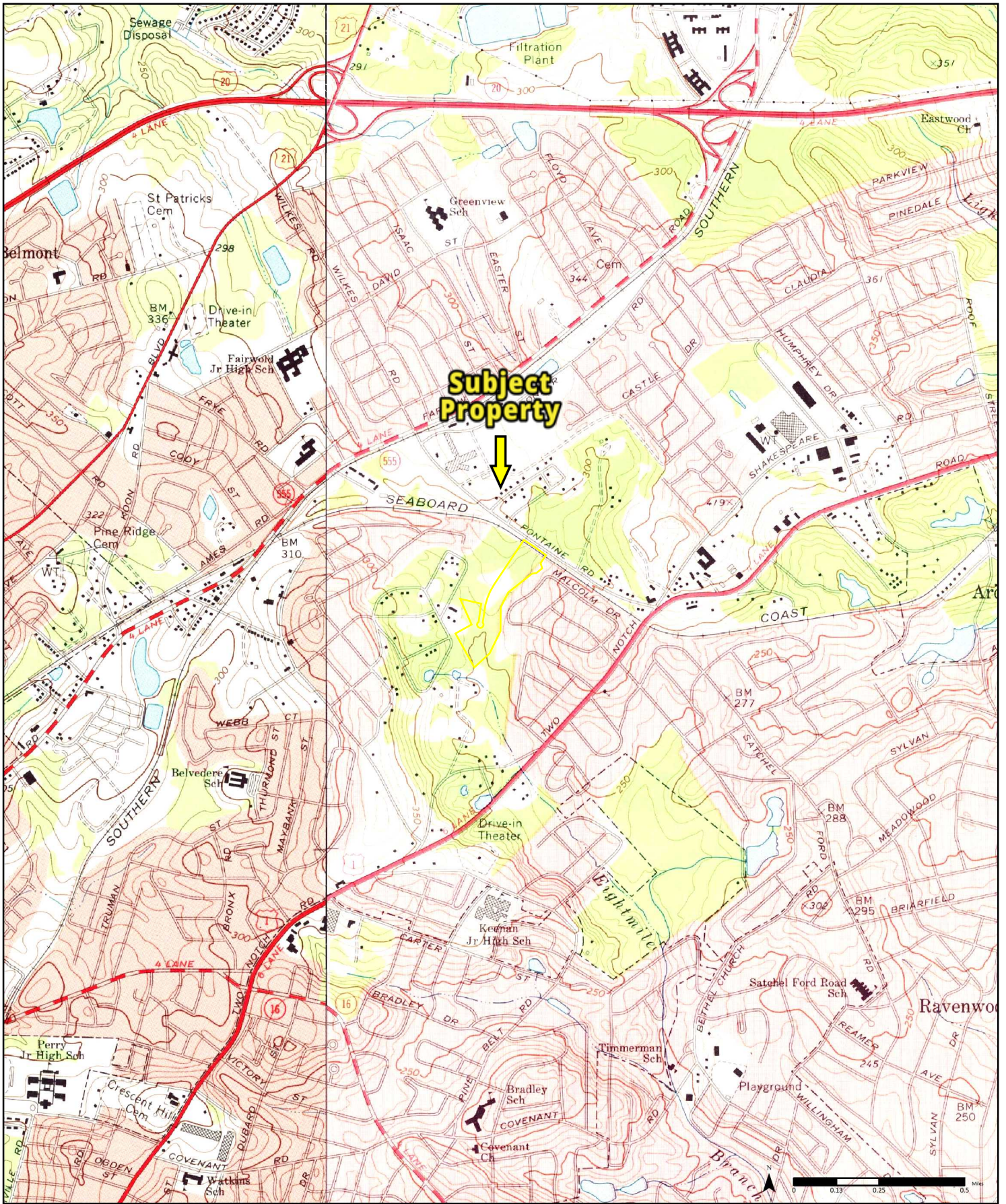
1953

(1-1953)  
Aerial Photo Year: 1952

Available Quadrangle(s): Fort Jackson North, SC (1-1953)

Order No. 25052100931





1972

(1-1972) Aerial Photo Year: 1971 (2-1972) Aerial Photo Year: 1971

Available Quadrangle(s): Fort Jackson North, SC(2-1972)  
Columbia North, SC(1-1972)

Order No. 25052100931



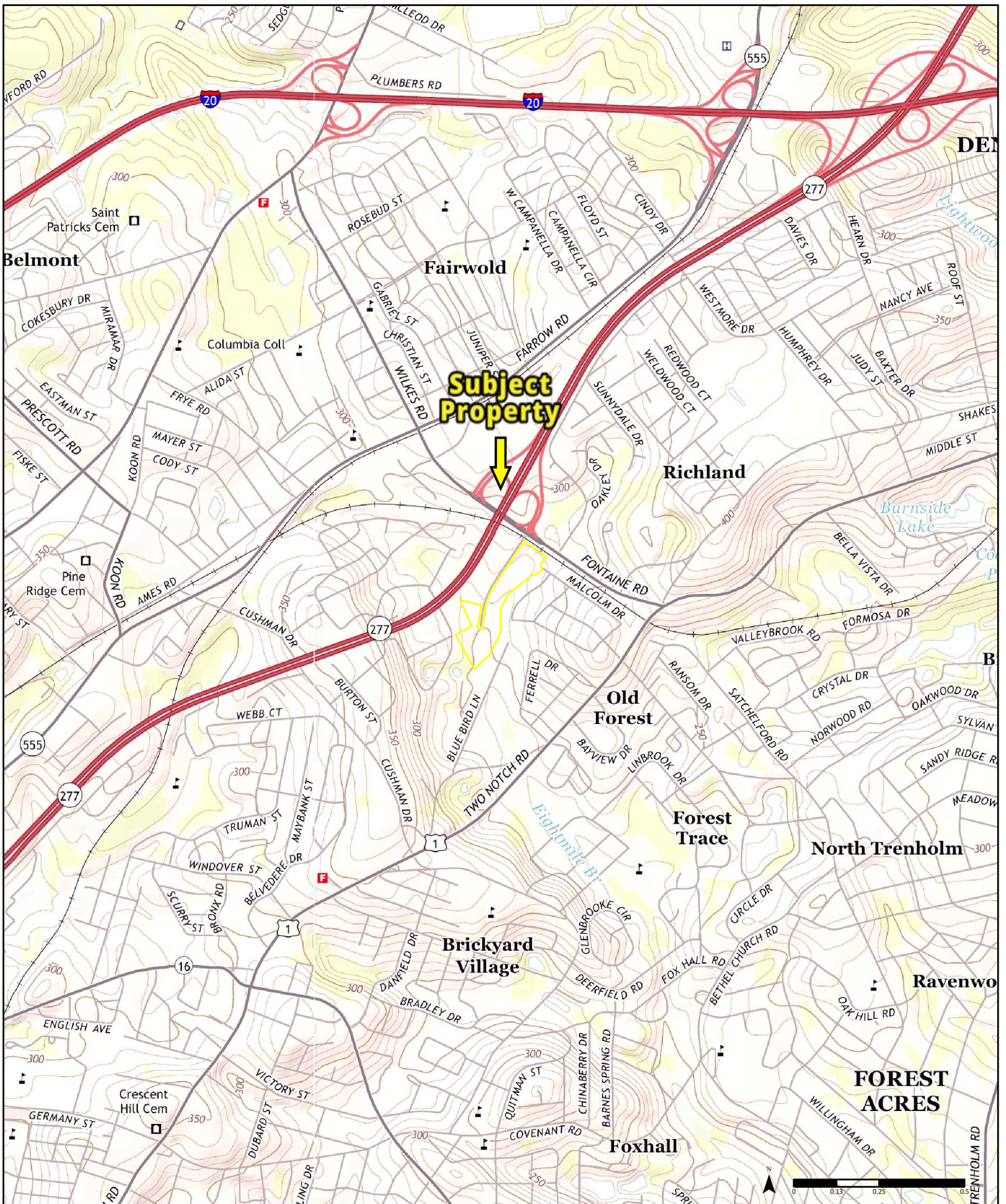
1990

(1-1990)	(2-1990)
<i>Aerial Photo Year: 1988</i>	<i>Aerial Photo Year: 1987</i>
<i>Photo Revision Year: 1990</i>	<i>Photo Revision Year: 1990</i>

**Available Quadrangle(s): Fort Jackson North, SC<sub>(2-1990)</sub>**  
Columbia North, SC<sub>(1-1990)</sub>

Order No. 25052100931



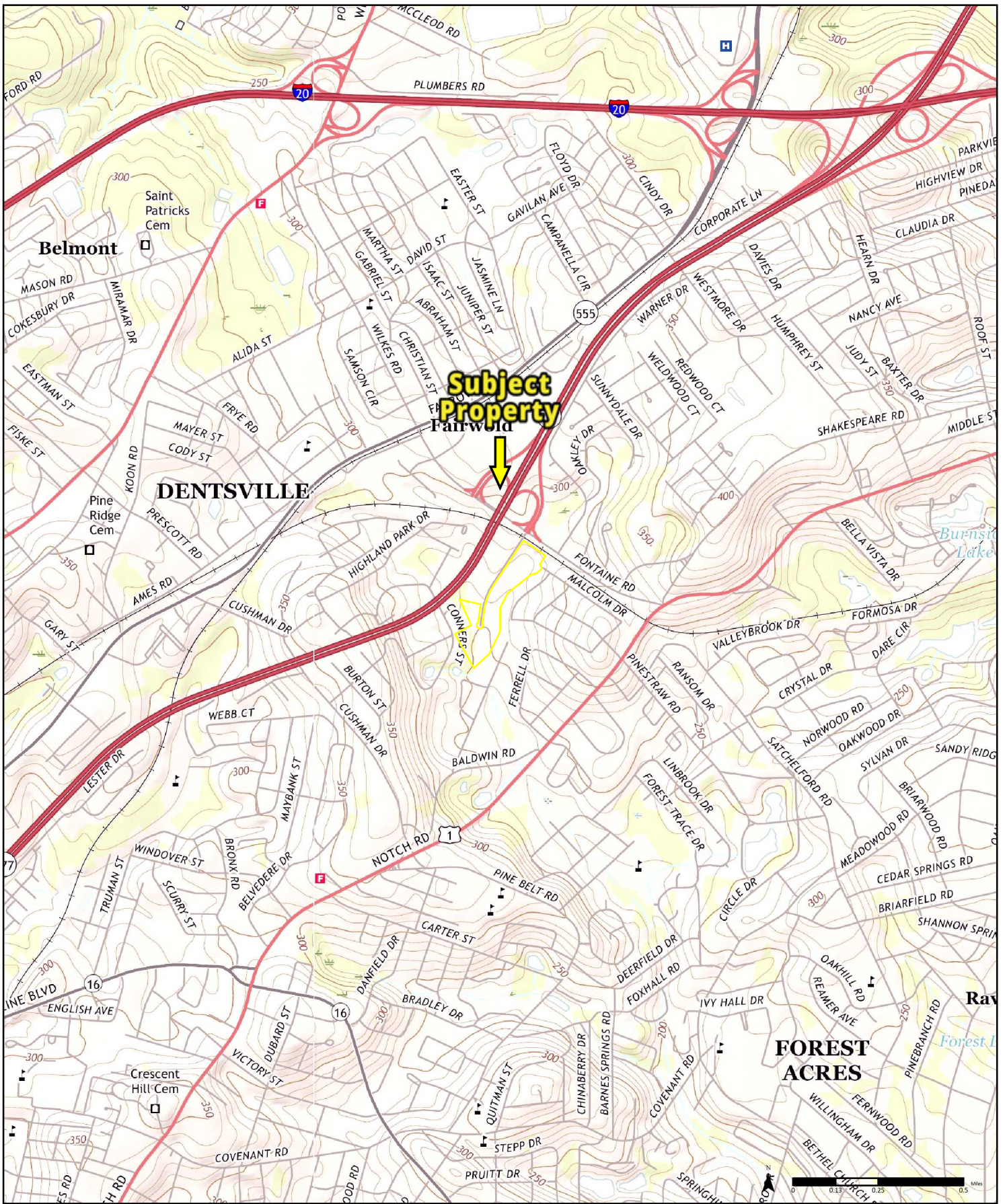


2014

Available Quadrangle(s): Fort Jackson North, SC  
Columbia North, SC

Order No. 25052100931



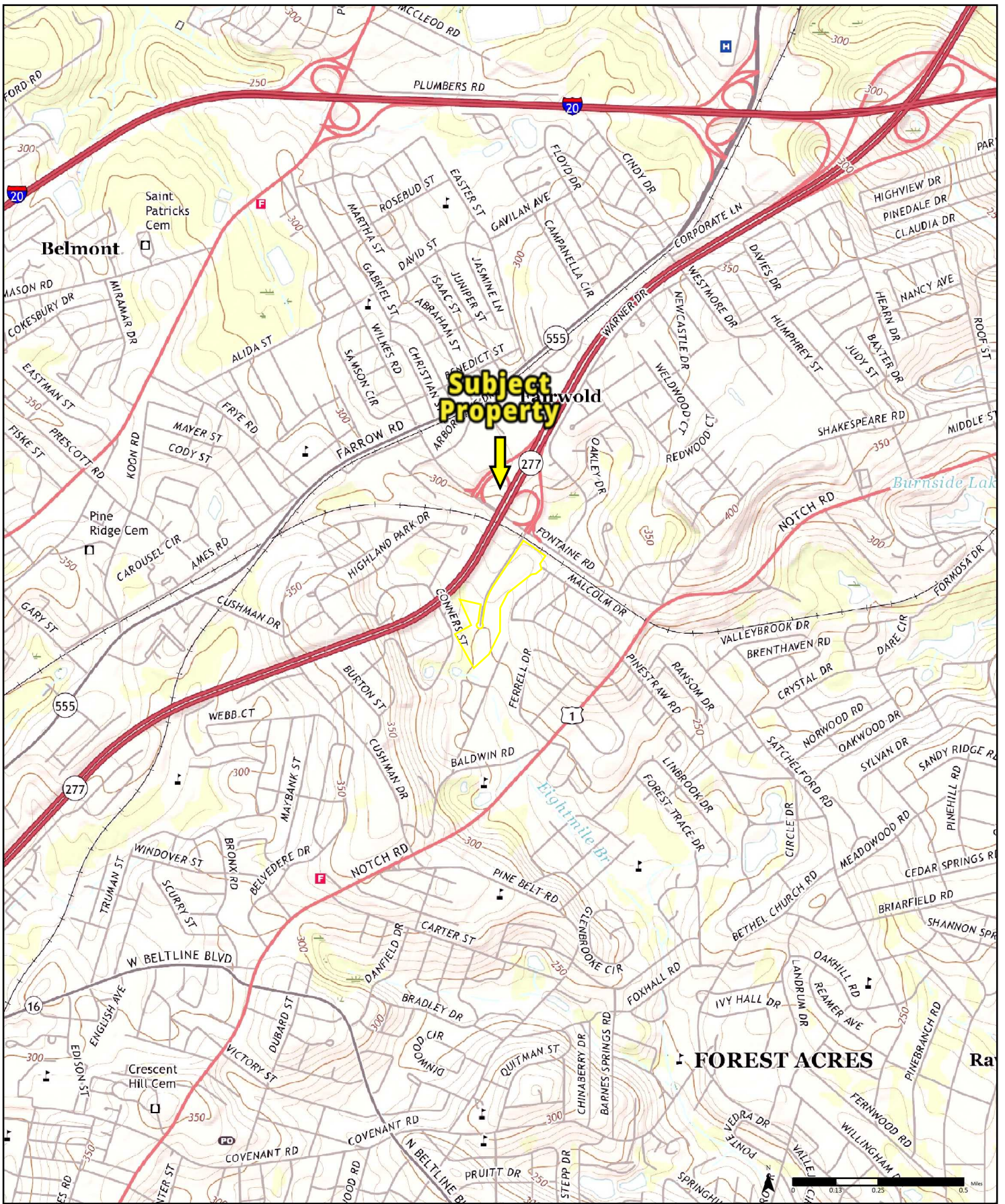


2017

Available Quadrangle(s): Fort Jackson North, SC  
Columbia North, SC

Order No. 25052100931





2020

Available Quadrangle(s): Fort Jackson North, SC  
Columbia North, SC

Order No. 25052100931





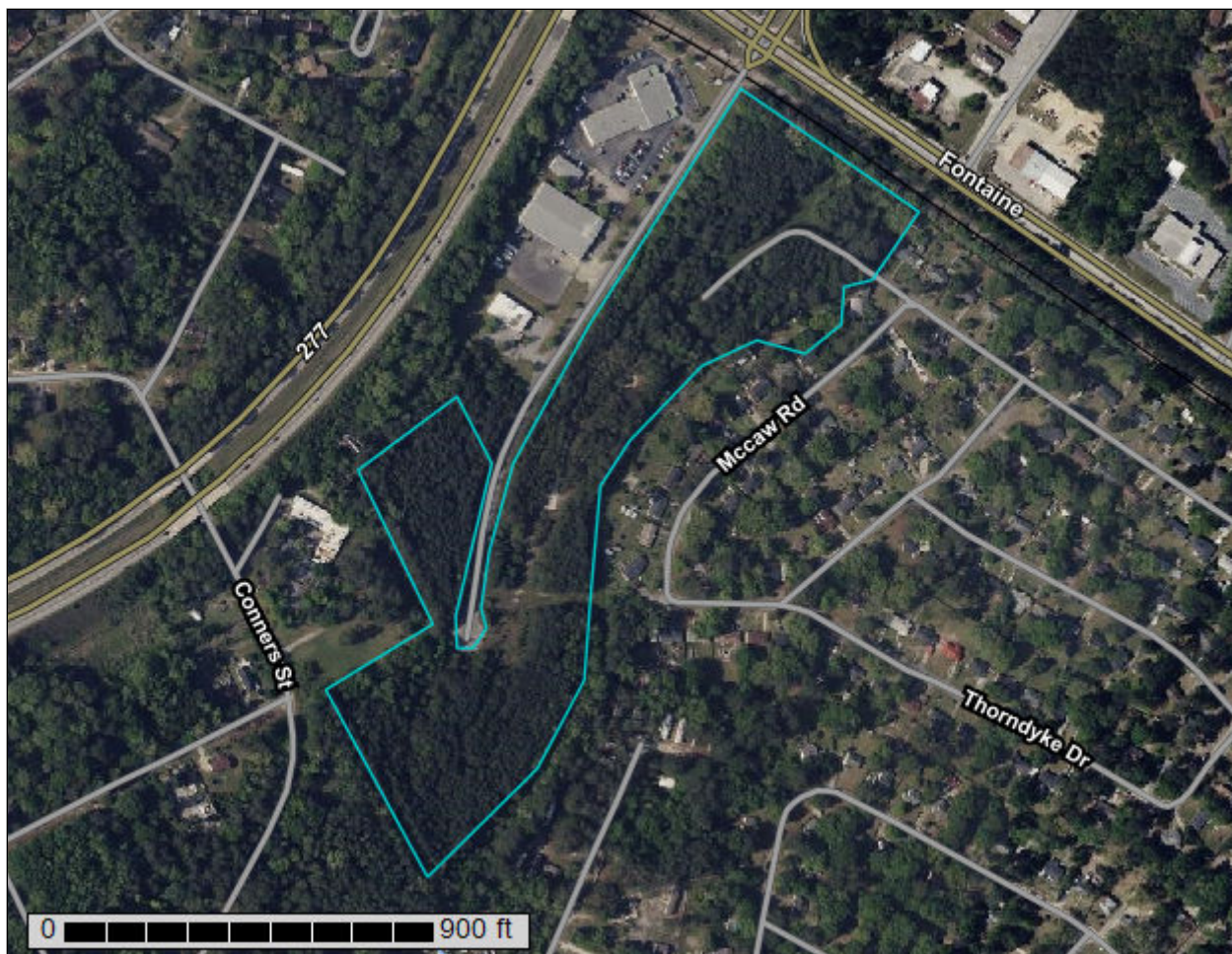
United States  
Department of  
Agriculture

**NRCS**

Natural  
Resources  
Conservation  
Service

A product of the National  
Cooperative Soil Survey,  
a joint effort of the United  
States Department of  
Agriculture and other  
Federal agencies, State  
agencies including the  
Agricultural Experiment  
Stations, and local  
participants

# Custom Soil Resource Report for **Richland County, South Carolina**





# Preface

---

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (<http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/>) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (<https://offices.sc.egov.usda.gov/locator/app?agency=nrcs>) or your NRCS State Soil Scientist ([http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2\\_053951](http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951)).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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# How Soil Surveys Are Made

---

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil



scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

## Custom Soil Resource Report

identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

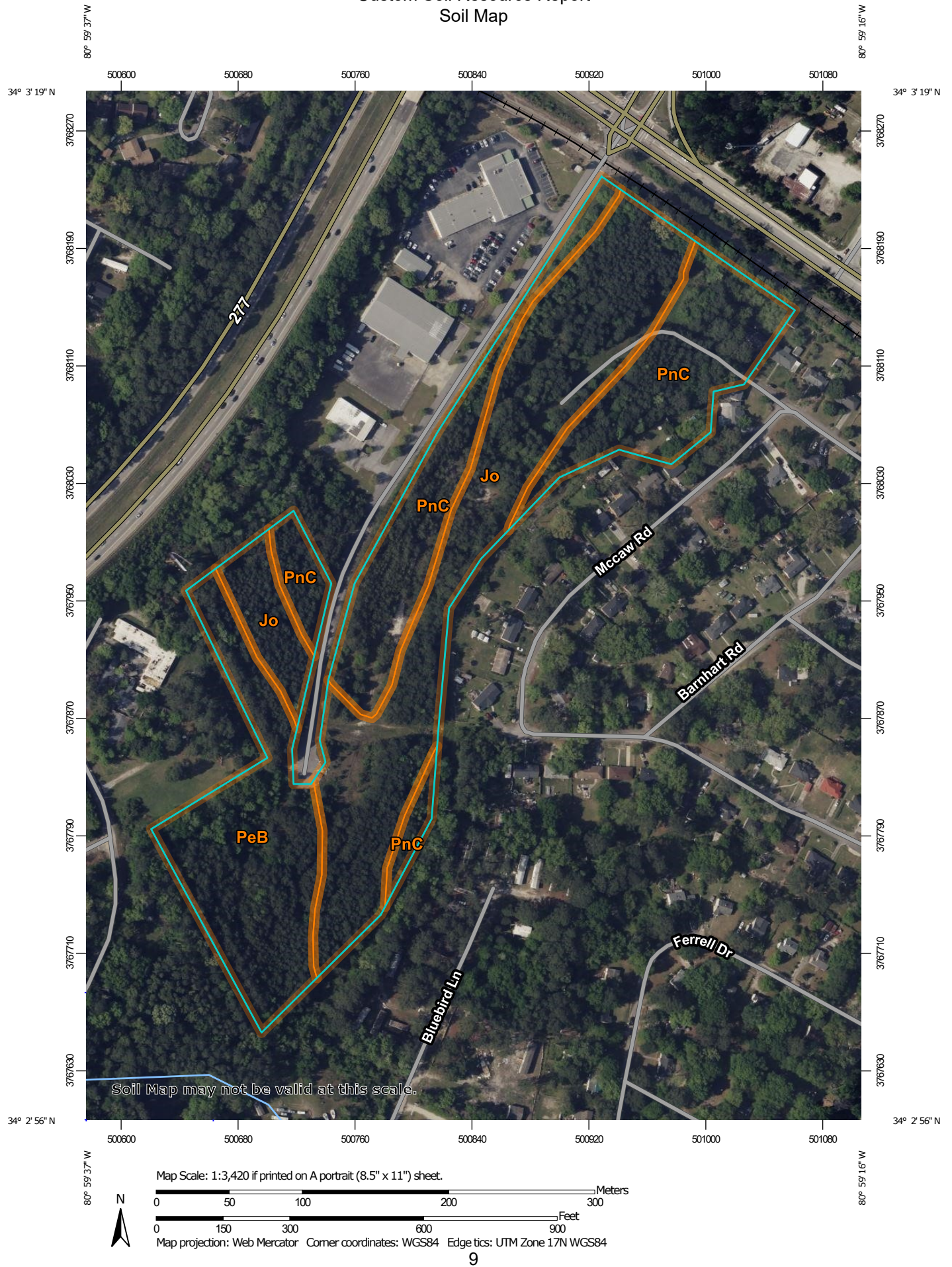


# Soil Map

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The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

# Custom Soil Resource Report Soil Map





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## MAP LEGEND

### Area of Interest (AOI)

 Area of Interest (AOI)

### Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

### Special Point Features

 Blowout


 Borrow Pit

 Clay Spot


 Closed Depression

 Gravel Pit


 Gravelly Spot


 Landfill

 Lava Flow

 Marsh or swamp

 Mine or Quarry

 Miscellaneous Water

 Perennial Water

 Rock Outcrop

 Saline Spot

 Sandy Spot

 Severely Eroded Spot

 Sinkhole

 Slide or Slip

 Sodic Spot


 Spoil Area

 Stony Spot

 Very Stony Spot

 Wet Spot

 Other

 Special Line Features

### Water Features

 Streams and Canals

### Transportation

 Rails

 Interstate Highways

 US Routes

 Major Roads

 Local Roads

### Background

 Aerial Photography

## MAP INFORMATION

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

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

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

Source of Map: Natural Resources Conservation Service  
Web Soil Survey URL:  
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

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

Soil Survey Area: Richland County, South Carolina  
Survey Area Data: Version 27, Aug 29, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Apr 15, 2022—May 10, 2022

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

## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Jo	Johnston loam	8.0	43.4%
PeB	Pelion loamy sand, 2 to 6 percent slopes	4.1	22.1%
PnC	Pelion-Urban land complex, 2 to 10 percent slopes	6.4	34.5%
<b>Totals for Area of Interest</b>		<b>18.5</b>	<b>100.0%</b>

## Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The



delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

## Richland County, South Carolina

### Jo—Johnston loam

#### Map Unit Setting

*National map unit symbol:* 4df6  
*Elevation:* 80 to 550 feet  
*Mean annual precipitation:* 44 to 55 inches  
*Mean annual air temperature:* 61 to 70 degrees F  
*Frost-free period:* 230 to 265 days  
*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Johnston and similar soils:* 100 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Johnston

##### Setting

*Landform:* Flood plains  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Loamy alluvium

##### Typical profile

*A1 - 0 to 9 inches:* loam  
*A2 - 9 to 38 inches:* mucky loam  
*Cg - 38 to 66 inches:* fine sandy loam

##### Properties and qualities

*Slope:* 0 to 2 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Very poorly drained  
*Runoff class:* Very high  
*Capacity of the most limiting layer to transmit water (Ksat):* Moderately high to high  
(0.57 to 5.95 in/hr)  
*Depth to water table:* About 0 inches  
*Frequency of flooding:* Frequent  
*Frequency of ponding:* None  
*Available water supply, 0 to 60 inches:* Moderate (about 8.8 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 7w  
*Hydrologic Soil Group:* A/D  
*Ecological site:* F137XY010SC - Flood Plains And Seepage Swamps  
*Hydric soil rating:* Yes



## **PeB—Pelion loamy sand, 2 to 6 percent slopes**

### **Map Unit Setting**

*National map unit symbol:* 4dfv

*Elevation:* 80 to 550 feet

*Mean annual precipitation:* 44 to 55 inches

*Mean annual air temperature:* 61 to 70 degrees F

*Frost-free period:* 230 to 265 days

*Farmland classification:* Farmland of statewide importance

### **Map Unit Composition**

*Pelion and similar soils:* 90 percent

*Minor components:* 3 percent

*Estimates are based on observations, descriptions, and transects of the mapunit.*

### **Description of Pelion**

#### **Setting**

*Landform:* Marine terraces

*Landform position (three-dimensional):* Tread

*Down-slope shape:* Convex

*Across-slope shape:* Convex

*Parent material:* Loamy marine deposits

#### **Typical profile**

*A - 0 to 5 inches:* loamy sand

*E - 5 to 7 inches:* loamy sand

*Bt1 - 7 to 26 inches:* sandy clay loam

*Bt2 - 26 to 57 inches:* sandy clay loam

*BCg - 57 to 58 inches:* sandy clay loam

*Cg - 58 to 75 inches:* loamy sand

#### **Properties and qualities**

*Slope:* 2 to 6 percent

*Depth to restrictive feature:* More than 80 inches

*Drainage class:* Moderately well drained

*Runoff class:* Very high

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

*Depth to water table:* About 12 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Available water supply, 0 to 60 inches:* Low (about 5.7 inches)

#### **Interpretive groups**

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 2e

*Hydrologic Soil Group:* C/D

*Ecological site:* F137XY030SC - Seasonally Wet Lowland and Valley Slope

*Hydric soil rating:* No

## Minor Components

### Rains

*Percent of map unit:* 2 percent  
*Landform:* Marine terraces, flats, depressions  
*Landform position (three-dimensional):* Tread  
*Down-slope shape:* Linear  
*Across-slope shape:* Convex  
*Ecological site:* F137XY020SC - Hillside Seep  
*Hydric soil rating:* Yes

### Johnston

*Percent of map unit:* 1 percent  
*Landform:* Flood plains  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Ecological site:* F137XY010SC - Flood Plains And Seepage Swamps  
*Hydric soil rating:* Yes

## PnC—Pelion-Urban land complex, 2 to 10 percent slopes

### Map Unit Setting

*National map unit symbol:* 4dfx  
*Elevation:* 80 to 550 feet  
*Mean annual precipitation:* 44 to 55 inches  
*Mean annual air temperature:* 61 to 70 degrees F  
*Frost-free period:* 230 to 265 days  
*Farmland classification:* Not prime farmland

### Map Unit Composition

*Pelion and similar soils:* 60 percent  
*Urban land:* 40 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

### Description of Pelion

#### Setting

*Landform:* Marine terraces  
*Landform position (three-dimensional):* Tread  
*Down-slope shape:* Convex  
*Across-slope shape:* Convex  
*Parent material:* Loamy marine deposits

#### Typical profile

*A - 0 to 5 inches:* loamy sand  
*E - 5 to 7 inches:* loamy sand  
*Bt1 - 7 to 26 inches:* sandy clay loam  
*Bt2 - 26 to 57 inches:* sandy clay loam  
*BCg - 57 to 58 inches:* sandy clay loam  
*Cg - 58 to 75 inches:* loamy sand



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### Properties and qualities

*Slope:* 2 to 10 percent

*Depth to restrictive feature:* More than 80 inches

*Drainage class:* Moderately well drained

*Runoff class:* Very high

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

*Depth to water table:* About 12 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Available water supply, 0 to 60 inches:* Low (about 5.7 inches)

### Interpretive groups

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 4e

*Hydrologic Soil Group:* C/D

*Ecological site:* F137XY030SC - Seasonally Wet Lowland and Valley Slope

*Hydric soil rating:* No

### Description of Urban Land

#### Setting

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Loamy marine deposits

#### Interpretive groups

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 8

*Hydric soil rating:* Unranked

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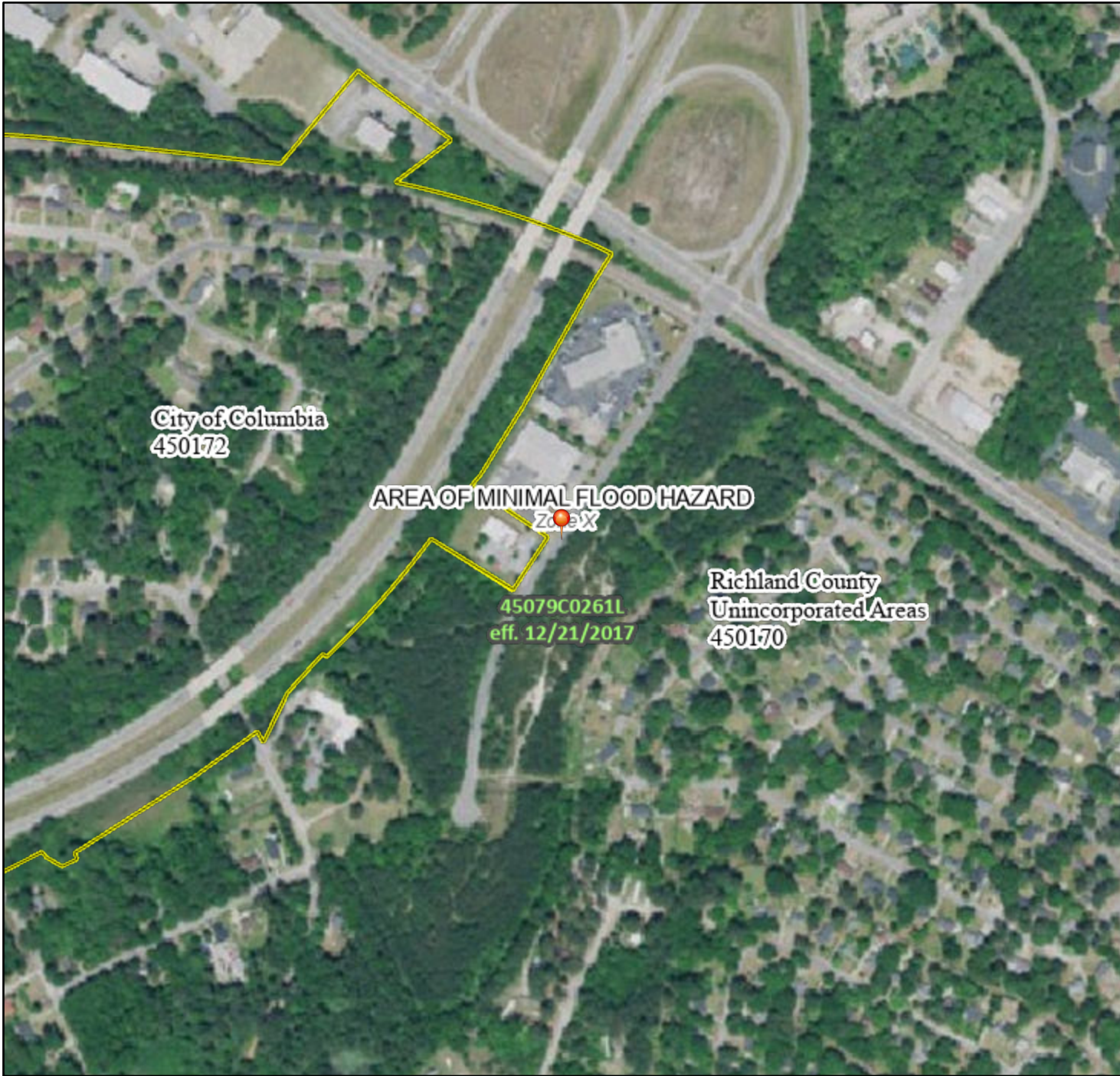
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# National Flood Hazard Layer FIRMMette



80°59'47"W 34°3'27"N



1:6,000

80°59'10"W 34°2'57"N

Basemap Imagery Source: USGS National Map 2023

## Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/22/2025 at 4:18 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



500  
Feet

**Subject  
Property**



Year: 1938  
Source: ASCS  
Scale: 1" = 500'  
Comment:

Address: Fontaine Center Drive, COLUMBIA, SC  
Approx Center: -80.99128738,34.05210486

Order No: 25052100931

**PARTNER**



500  
Feet

**Subject  
Property**



Year: 1943  
Source: ASCS  
Scale: 1" = 500'  
Comment:

Address: Fontaine Center Drive, COLUMBIA, SC  
Approx Center: -80.99128738,34.05210486

Order No: 25052100931

**PARTNER**



500  
Feet

**Subject  
Property**



Year: 1951  
Source: ASCS  
Scale: 1" = 500'  
Comment:

Address: Fontaine Center Drive, COLUMBIA, SC  
Approx Center: -80.99128738,34.05210486

Order No: 25052100931

**PARTNER**



500  
Feet

**Subject  
Property**



Year: 1961  
Source: USAF  
Scale: 1" = 500'  
Comment:

Address: Fontaine Center Drive, COLUMBIA, SC  
Approx Center: -80.99128738,34.05210486

Order No: 25052100931

**PARTNER**



500  
Feet

**Subject  
Property**



Year: 1971  
Source: USGS  
Scale: 1" = 500'  
Comment:

Address: Fontaine Center Drive, COLUMBIA, SC  
Approx Center: -80.99128738,34.05210486

Order No: 25052100931

**PARTNER**



500  
Feet

**Subject  
Property**



Year: 1983  
Source: USGS  
Scale: 1" = 500'  
Comment:

Address: Fontaine Center Drive, COLUMBIA, SC  
Approx Center: -80.99128738,34.05210486

Order No: 25052100931

**PARTNER**



500  
Feet

**Subject  
Property**



Year: 1994  
Source: USGS  
Scale: 1" = 500'  
Comment:

Address: Fontaine Center Drive, COLUMBIA, SC  
Approx Center: -80.99128738,34.05210486

Order No: 25052100931

**PARTNER**



500  
Feet

**Subject  
Property**



Year: 2005  
Source: USDA  
Scale: 1" = 500'  
Comment:

Address: Fontaine Center Drive, COLUMBIA, SC  
Approx Center: -80.99128738,34.05210486

Order No: 25052100931

**PARTNER**



500  
Feet

**Subject  
Property**



Year: 2006  
Source: USDA  
Scale: 1" = 500'  
Comment:

Address: Fontaine Center Drive, COLUMBIA, SC  
Approx Center: -80.99128738,34.05210486

Order No: 25052100931

**PARTNER**



500  
Feet

**Subject  
Property**



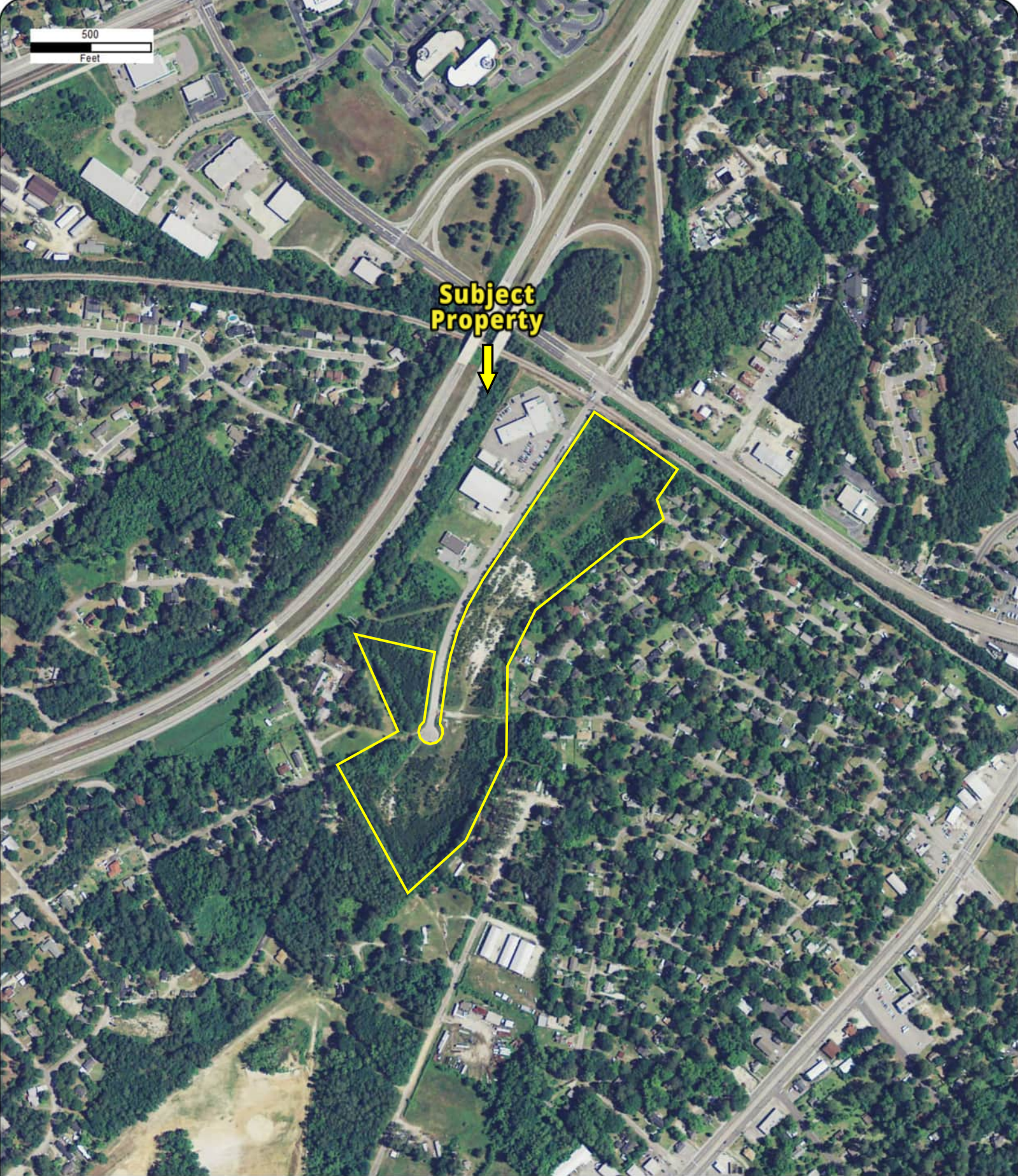
Year: 2009  
Source: USDA  
Scale: 1" = 500'  
Comment:

Address: Fontaine Center Drive, COLUMBIA, SC  
Approx Center: -80.99128738,34.05210486

Order No: 25052100931

**PARTNER**





**Subject  
Property**

Year: 2011  
Source: USDA  
Scale: 1" = 500'  
Comment:

Address: Fontaine Center Drive, COLUMBIA, SC  
Approx Center: -80.99128738,34.05210486

Order No: 25052100931

**PARTNER**



500  
Feet

**Subject  
Property**



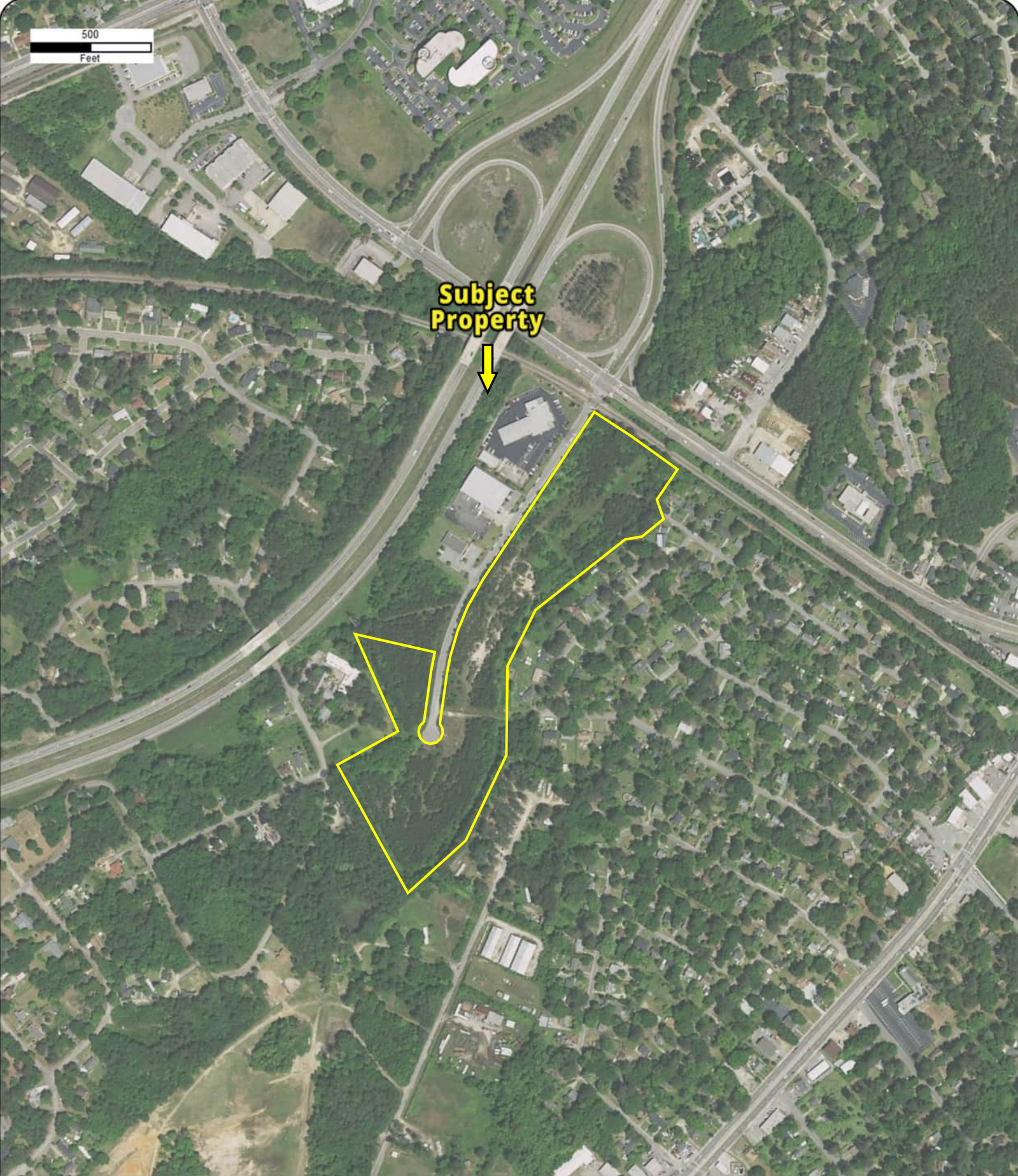
Year: 2013  
Source: USDA  
Scale: 1" = 500'  
Comment:

Address: Fontaine Center Drive, COLUMBIA, SC  
Approx Center: -80.99128738,34.05210486

Order No: 25052100931

**PARTNER**





**Subject  
Property**

Year: 2015  
Source: USDA  
Scale: 1" = 500'  
Comment:

Address: Fontaine Center Drive, COLUMBIA, SC  
Approx Center: -80.99128738,34.05210486

Order No: 25052100931

**PARTNER**



500  
Feet

**Subject  
Property**



Year: 2017  
Source: USDA  
Scale: 1" = 500'  
Comment:

Address: Fontaine Center Drive, COLUMBIA, SC  
Approx Center: -80.99128738,34.05210486

Order No: 25052100931

**PARTNER**



500  
Feet

**Subject  
Property**



Year: 2019  
Source: USDA  
Scale: 1" = 500'  
Comment:

Address: Fontaine Center Drive, COLUMBIA, SC  
Approx Center: -80.99128738,34.05210486

Order No: 25052100931

**PARTNER**



500  
Feet

**Subject  
Property**



Year: 2021  
Source: USDA  
Scale: 1" = 500'  
Comment:

Address: Fontaine Center Drive, COLUMBIA, SC  
Approx Center: -80.99128738,34.05210486

Order No: 25052100931

**PARTNER**





**Subject  
Property**



Year: 2023  
Source: USDA  
Scale: 1" = 500'  
Comment:

Address: Fontaine Center Drive, COLUMBIA, SC  
Approx Center: -80.99128738,34.05210486

Order No: 25052100931

**PARTNER**



## APPENDIX C: REGULATORY DATABASE REPORT

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# DATABASE REPORT

<b>Project Property:</b>	<i>Sanctuary Landing Fontaine Center Drive COLUMBIA SC</i>
<b>Project No:</b>	<i>25-492574.3</i>
<b>Report Type:</b>	<i>Database Report</i>
<b>Order No:</b>	<i>25052100931</i>
<b>Requested by:</b>	<i>Partner Engineering and Science, Inc.</i>
<b>Date Completed:</b>	<i>May 21, 2025</i>

## **Environmental Risk Information Services**

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# Executive Summary

## Property Information:

**Project Property:** Sanctuary Landing  
Fontaine Center Drive COLUMBIA SC

**Project No:** 25-492574.3

**Coordinates:**

<b>Latitude:</b>	34.0535849
<b>Longitude:</b>	-80.9910359
<b>UTM Northing:</b>	3,767,933.32
<b>UTM Easting:</b>	500,804.10
<b>UTM Zone:</b>	UTM Zone 17S

**Elevation:** 266 FT

## Order Information:

**Order No:** 25052100931  
**Date Requested:** May 21, 2025  
**Requested by:** Partner Engineering and Science, Inc.  
**Report Type:** Database Report

## Historicals/Products:

<b>Aerial Photographs</b>	Historical Aerials (with Project Boundaries)
<b>City Directory Search</b>	Smart CD Search
<b>ERIS Xplorer</b>	<a href="#">ERIS Xplorer</a>
<b>Excel Add-On</b>	Excel Add-On
<b>Fire Insurance Maps</b>	US Fire Insurance Maps
<b>Physical Setting Report (PSR)</b>	Physical Setting Report (PSR)
<b>Topographic Map</b>	Topographic Maps
<b>Vapor Screening Tool</b>	Vapor Screening Tool

## Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
<b><u>Standard Environmental Records</u></b>								
<b>Federal</b>								
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	0.5	0	0	0	0	-	0
SEMS	Y	0.5	0	0	0	0	-	0
ODI	Y	0.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	0.5	0	0	0	0	-	0
CERCLIS	Y	0.5	0	0	0	0	-	0
IODI	Y	0.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	0.5	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	0	0
RCRA TSD	Y	0.5	0	0	0	0	-	0
RCRA LQG	Y	0.25	0	0	0	-	-	0
RCRA SQG	Y	0.25	0	0	0	-	-	0
RCRA VSQG	Y	0.25	0	1	1	-	-	2
RCRA NON GEN	Y	0.25	0	0	0	-	-	0
RCRA CONTROLS	Y	0.5	0	0	0	0	-	0
FED ENG	Y	0.5	0	0	0	0	-	0
FED INST	Y	0.5	0	0	0	0	-	0
LUCIS	Y	0.5	0	0	0	0	-	0
NPL IC	Y	0.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	0.5	0	0	0	0	-	0
FEMA UST	Y	0.25	0	0	0	-	-	0
FRP	Y	0.25	0	0	0	-	-	0



<b>Database</b>	<b>Searched</b>	<b>Search Radius</b>	<b>Project Property</b>	<b>Within 0.12mi</b>	<b>0.125mi to 0.25mi</b>	<b>0.25mi to 0.50mi</b>	<b>0.50mi to 1.00mi</b>	<b>Total</b>
DELISTED FRP	Y	0.25	0	0	0	-	-	0
HIST GAS STATIONS	Y	0.25	0	0	0	-	-	0
REFN	Y	0.25	0	0	0	-	-	0
BULK TERMINAL	Y	0.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0	0

#### State

REMEDATION	Y	1	0	0	0	0	0	0
SWF/LF	Y	0.5	0	0	0	2	-	2
SASPL	Y	0.5	0	0	0	0	-	0
DELISTED SHWS	Y	1	0	0	0	0	0	0
LUST	Y	0.5	0	0	0	9	-	9
LAST	Y	0.5	0	0	0	0	-	0
DELISTED LST	Y	0.5	0	0	0	0	-	0
UST	Y	0.25	0	1	0	-	-	1
AST	Y	0.25	0	0	0	-	-	0
AST SFM	Y	0.25	0	0	0	-	-	0
DELISTED TANKS	Y	0.25	0	0	0	-	-	0
RCR	Y	0.5	0	0	0	4	-	4
VCP	Y	0.5	0	0	0	0	-	0
BROWNFIELDS	Y	0.5	0	0	0	0	-	0

#### Tribal

INDIAN LUST	Y	0.5	0	0	0	0	-	0
INDIAN UST	Y	0.25	0	0	0	-	-	0
DELISTED INDIAN LST	Y	0.5	0	0	0	0	-	0
DELISTED INDIAN UST	Y	0.25	0	0	0	-	-	0

#### County

**No County standard environmental record sources available for this State.**

#### Additional Environmental Records

##### Federal

PFAS GHG	Y	0.5	0	0	0	0	-	0
OSC RESPONSE	Y	0.125	0	0	-	-	-	0
FINDS/FRS	Y	PO	0	1	-	-	-	1
TRIS	Y	PO	0	-	-	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
PFAS NPL	Y	0.5	0	0	0	0	-	0
PFAS FED SITES	Y	0.5	0	0	0	0	-	0
PFAS SSEHRI	Y	0.5	0	0	0	0	-	0
PFAS ERNS	Y	0.5	0	0	0	0	-	0
PFAS NPDES	Y	0.5	0	0	0	0	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	0	0	0	0	-	0
PFAS TSCA	Y	0.5	0	0	0	0	-	0
PFAS E-MANIFEST	Y	0.5	0	0	0	0	-	0
PFAS IND	Y	0.5	0	0	0	0	-	0
HMIRS	Y	0.125	0	1	-	-	-	1
NCDL	Y	0.125	0	0	-	-	-	0
TSCA	Y	0.125	0	0	-	-	-	0
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	0	1	-	-	-	1
FED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	0	0
FUDS MRS	Y	1	0	0	0	0	0	0
FORMER NIKE	Y	1	0	0	0	0	0	0
PIPELINE INCIDENT	Y	PO	0	-	-	-	-	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	0.25	0	0	0	-	-	0
SMCRA	Y	1	0	0	0	0	0	0
MRDS	Y	1	0	0	0	1	0	1
LM SITES	Y	1	0	0	0	0	0	0
ALT FUELS	Y	0.25	0	0	0	-	-	0
CONSENT DECREES	Y	0.25	0	0	0	-	-	0
AFS	Y	PO	0	1	-	-	-	1
SSTS	Y	0.25	0	0	0	-	-	0



Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
PCBT	Y	0.5	0	0	0	0	-	0
PCB	Y	0.5	0	0	0	0	-	0
POWER PLANTS	Y	0.125	0	0	-	-	-	0

#### State

SPILLS	Y	0.125	0	1	-	-	-	1
DRYCLEAN FUND	Y	0.5	0	0	0	0	-	0
DRY CLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
AIR PERMIT	Y	0.25	0	0	0	-	-	0
UIC	Y	PO	0	-	-	-	-	0
AGRI FAC	Y	0.25	0	0	0	-	-	0
PFAS SAMPLING	Y	0.5	0	0	0	0	-	0

#### Tribal

*No Tribal additional environmental record sources available for this State.*

#### County

*No County additional environmental record sources available for this State.*

---

<b>Total:</b>	0	7	1	16	0	24
---------------	---	---	---	----	---	----

\* PO – Property Only

\* 'Property and adjoining properties' database search radii are set at 0.25 miles.

# Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev Diff (ft)</i>	<i>Page Number</i>
--------------------	-----------	--------------------------	----------------	------------------	-----------------------------	---------------------------	------------------------

No records found in the selected databases for the project property.



## Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
<a href="#">1</a>	FINDS/FRS	GERBER COLLISION & GLASS-COLUMBIA/FONTAINE CENTER	100 FONTAINE CENTER DR COLUMBIA SC 29223	NNE	0.02 / 83.71	20	<a href="#">20</a>
			<b>Registry ID:</b> 110015633297				
<a href="#">1</a>	ICIS	JOHN HARRIS BODY SHOP	100 FONTAINE CENTER DR COLUMBIA SC 29223	NNE	0.02 / 83.71	20	<a href="#">20</a>
			<b>Registry ID:</b> 110015633297				
<a href="#">1</a>	RCRA VSQG	GERBER COLLISION & GLASS-COLUMBIA/FONTAINE CENTER	100 FONTAINE CENTER DR COLUMBIA SC 29223	NNE	0.02 / 83.71	20	<a href="#">20</a>
			<b>Handler ID / Recycler Activity?:</b> SCR000768317   NO				
<a href="#">1</a>	AFS	JOHN HARRIS BODY SHOP	100 FONTAINE CENTER DR COLUMBIA SC 29223	NNE	0.02 / 83.71	20	<a href="#">32</a>
<a href="#">2</a>	UST	BILTMORE DAIRY FARMS INC	101 WARNER RD COLUMBIA SC 29223-4508	NE	0.04 / 211.89	19	<a href="#">35</a>
			<b>Site No:</b> 7569 <b>Tank No / Status:</b> 1   Abandoned				
<a href="#">3</a>	SPILLS		109 WARNER DR COLUMBIA SC	NE	0.08 / 415.97	19	<a href="#">36</a>
			<b>Incident No:</b> 200304226				
<a href="#">4</a>	HMIRS		STATE RT 277 AT FONTAINE ROAD COLUMBIA SC	N	0.11 / 595.63	40	<a href="#">36</a>
<a href="#">5</a>	RCRA VSQG	SHEALEY SON AUTO SERVICE	209 FERRELL DRIVE COLUMBIA SC 29204	SSE	0.15 / 792.29	-10	<a href="#">38</a>
			<b>Handler ID / Recycler Activity?:</b> SCD987583101   NO				
<a href="#">6</a>	SWF/LF	TRAPP L/C DEBRIS & Y/T LF	SC	WSW	0.30 / 1,609.18	100	<a href="#">41</a>
<a href="#">7</a>	SWF/LF	BALDWIN ROAD C&D DUMP	SC	SSW	0.32 / 1,669.79	42	<a href="#">41</a>
<a href="#">8</a>	LUST	CHEAPWAY #17	5200 TWO NOTCH RD COLUMBIA SC 29204-2918	SSE	0.33 / 1,717.32	-7	<a href="#">41</a>
			<b>Permit:</b> P 12194 <b>NFA:</b> 5/17/2023				

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
<a href="#">8</a>	RCR	CHEAPWAY #17	5200 TWO NOTCH RD COLUMBIA SC 29204-2918	SSE	0.33 / 1,717.32	-7	<a href="#">42</a>
<a href="#">9</a>	LUST	AKSHAR OF COLUMBIA	1005 FONTAINE RD COLUMBIA SC 29204-3017  <i>Permit:</i> R 09551 <i>NFA:</i> 4/29/2019, 2/21/2014, 5/9/2002	E	0.33 / 1,754.37	68	<a href="#">43</a>
<a href="#">10</a>	MRDS	SMITH PROPERTIES MINE	RICHLAND COUNTY COLUMBIA SC 29223  <i>Dep ID:</i> 10089906	ENE	0.34 / 1,782.73	76	<a href="#">44</a>
<a href="#">11</a>	LUST	JK MART	5102 TWO NOTCH RD COLUMBIA SC 29204-3212  <i>Permit:</i> P 12760 <i>NFA:</i> 7/6/2017, 12/17/2008	SSE	0.35 / 1,823.99	-17	<a href="#">45</a>
<a href="#">11</a>	RCR	JK MART	5102 TWO NOTCH RD COLUMBIA SC 29204-3212	SSE	0.35 / 1,823.99	-17	<a href="#">46</a>
<a href="#">12</a>	LUST	GULF SERVICE STATION	5314 TWO NOTCH RD COLUMBIA SC 29204-2916  <i>Permit:</i> N 07619 <i>NFA:</i> 9/7/2006	ESE	0.37 / 1,977.97	56	<a href="#">46</a>
<a href="#">12</a>	RCR	GULF SERVICE STATION	5314 TWO NOTCH RD COLUMBIA SC 29204-2916	ESE	0.37 / 1,977.97	56	<a href="#">47</a>
<a href="#">13</a>	LUST	B&W LUMBER CO INC	5934 FARROW RD COLUMBIA SC 29203  <i>Permit:</i> P 07575 <i>NFA:</i> 9/8/2014, 9/20/1994	NW	0.44 / 2,321.31	45	<a href="#">48</a>
<a href="#">14</a>	LUST	AT&T COMMUNICATIONS SC4002	5623 TWO NOTCH RD COLUMBIA SC 29223  <i>Permit:</i> N 07472 <i>NFA:</i> 6/25/1993	E	0.44 / 2,338.90	119	<a href="#">49</a>
<a href="#">15</a>	LUST	GAZ BAH 5 CONV STORE	6201 FARROW RD COLUMBIA SC 29203-4903  <i>Permit:</i> R 07875 <i>NFA:</i> 7/29/2020	NNW	0.46 / 2,454.88	62	<a href="#">49</a>
<a href="#">16</a>	RCR	YOUNGS 24	PINESTRAW LN COLUMBIA SC 29260-6805	ESE	0.47 / 2,486.81	9	<a href="#">51</a>
<a href="#">17</a>	LUST	CAROLINA DRYWALL INSULATORS	5729 SHAKESPEARE RD COLUMBIA SC 29223-7207  <i>Permit:</i> N 11552 <i>NFA:</i> 9/14/2006	ENE	0.49 / 2,599.11	145	<a href="#">51</a>
<a href="#">18</a>	LUST	LEXUS OF COLUMBIA	5717 TWO NOTCH RD COLUMBIA SC 29223  <i>Permit:</i> N 07451 <i>NFA:</i> 9/7/1993	E	0.49 / 2,603.11	122	<a href="#">52</a>



## Executive Summary: Summary by Data Source

### Standard

#### Federal

##### RCRA VSQG - RCRA Very Small Quantity Generators List

A search of the RCRA VSQG database, dated Jan 6, 2025 has found that there are 2 RCRA VSQG site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
GERBER COLLISION & GLASS-COLUMBIA/FONTAINE CENTER	100 FONTAINE CENTER DR COLUMBIA SC 29223	NNE	0.02 / 83.71	<a href="#">1</a>
<i>Handler ID / Recycler Activity?: SCR000768317   NO</i>				

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
SHEALEY SON AUTO SERVICE	209 FERRELL DRIVE COLUMBIA SC 29204	SSE	0.15 / 792.29	<a href="#">5</a>
<i>Handler ID / Recycler Activity?: SCD987583101   NO</i>				

#### State

##### SWF/LF - Permitted Landfills List

A search of the SWF/LF database, dated Sep 23, 2024 has found that there are 2 SWF/LF site(s) within approximately 0.50miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
TRAPP L/C DEBRIS & Y/T LF	SC	WSW	0.30 / 1,609.18	<a href="#">6</a>
BALDWIN ROAD C&D DUMP	SC	SSW	0.32 / 1,669.79	<a href="#">7</a>

##### LUST - Leaking Underground Storage Tank List

A search of the LUST database, dated Apr 2, 2025 has found that there are 9 LUST site(s) within approximately 0.50miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
AKSHAR OF COLUMBIA	1005 FONTAINE RD COLUMBIA SC 29204-3017	E	0.33 / 1,754.37	<a href="#">9</a>
<i>Permit: R 09551</i>				
<i>NFA: 4/29/2019, 2/21/2014, 5/9/2002</i>				

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
GULF SERVICE STATION	5314 TWO NOTCH RD COLUMBIA SC 29204-2916  <i>Permit: N 07619</i> <i>NFA: 9/7/2006</i>	ESE	0.37 / 1,977.97	<a href="#">12</a>
B&W LUMBER CO INC	5934 FARROW RD COLUMBIA SC 29203  <i>Permit: P 07575</i> <i>NFA: 9/8/2014, 9/20/1994</i>	NW	0.44 / 2,321.31	<a href="#">13</a>
AT&T COMMUNICATIONS SC4002	5623 TWO NOTCH RD COLUMBIA SC 29223  <i>Permit: N 07472</i> <i>NFA: 6/25/1993</i>	E	0.44 / 2,338.90	<a href="#">14</a>
GAZ BAH 5 CONV STORE	6201 FARROW RD COLUMBIA SC 29203-4903  <i>Permit: R 07875</i> <i>NFA: 7/29/2020</i>	NNW	0.46 / 2,454.88	<a href="#">15</a>
CAROLINA DRYWALL INSULATORS	5729 SHAKESPEARE RD COLUMBIA SC 29223-7207  <i>Permit: N 11552</i> <i>NFA: 9/14/2006</i>	ENE	0.49 / 2,599.11	<a href="#">17</a>
LEXUS OF COLUMBIA	5717 TWO NOTCH RD COLUMBIA SC 29223  <i>Permit: N 07451</i> <i>NFA: 9/7/1993</i>	E	0.49 / 2,603.11	<a href="#">18</a>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
CHEAPWAY #17	5200 TWO NOTCH RD COLUMBIA SC 29204-2918  <i>Permit: P 12194</i> <i>NFA: 5/17/2023</i>	SSE	0.33 / 1,717.32	<a href="#">8</a>
JK MART	5102 TWO NOTCH RD COLUMBIA SC 29204-3212  <i>Permit: P 12760</i> <i>NFA: 7/6/2017, 12/17/2008</i>	SSE	0.35 / 1,823.99	<a href="#">11</a>

### UST - Underground Storage Tank List

A search of the UST database, dated Apr 30, 2025 has found that there are 1 UST site(s) within approximately 0.25miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
BILTMORE DAIRY FARMS INC	101 WARNER RD COLUMBIA SC 29223-4508  <i>Site No: 7569</i> <i>Tank No   Status: 1   Abandoned</i>	NE	0.04 / 211.89	<a href="#">2</a>

### RCR - Registry of Conditional Remedies

A search of the RCR database, dated Feb 25, 2025 has found that there are 4 RCR site(s) within approximately 0.50miles of the project property.



<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
GULF SERVICE STATION	5314 TWO NOTCH RD COLUMBIA SC 29204-2916	ESE	0.37 / 1,977.97	<a href="#">12</a>
YOUNGS 24	PINESTRAW LN COLUMBIA SC 29260-6805	ESE	0.47 / 2,486.81	<a href="#">16</a>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
CHEAPWAY #17	5200 TWO NOTCH RD COLUMBIA SC 29204-2918	SSE	0.33 / 1,717.32	<a href="#">8</a>
JK MART	5102 TWO NOTCH RD COLUMBIA SC 29204-3212	SSE	0.35 / 1,823.99	<a href="#">11</a>

## **Non Standard**

### **Federal**

#### **FINDS/FRS - Facility Registry Service/Facility Index**

A search of the FINDS/FRS database, dated Apr 23, 2025 has found that there are 1 FINDS/FRS site(s) within approximately 0.02miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
GERBER COLLISION & GLASS- COLUMBIA/FONTAINE CENTER	100 FONTAINE CENTER DR COLUMBIA SC 29223	NNE	0.02 / 83.71	<a href="#">1</a>
<i>Registry ID: 110015633297</i>				

#### **HMIRS - Hazardous Materials Information Reporting System**

A search of the HMIRS database, dated May 29, 2024 has found that there are 1 HMIRS site(s) within approximately 0.12miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	STATE RT 277 AT FONTAINE ROAD COLUMBIA SC	N	0.11 / 595.63	<a href="#">4</a>

#### **ICIS - Integrated Compliance Information System (ICIS)**

A search of the ICIS database, dated Apr 13, 2024 has found that there are 1 ICIS site(s) within approximately 0.02miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
JOHN HARRIS BODY SHOP	100 FONTAINE CENTER DR COLUMBIA SC 29223	NNE	0.02 / 83.71	<a href="#">1</a>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
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*Registry ID: 110015633297*

### **MRDS - Mineral Resource Data System**

A search of the MRDS database, dated Mar 15, 2016 has found that there are 1 MRDS site(s) within approximately 1.00miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
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SMITH PROPERTIES MINE	RICHLAND COUNTY COLUMBIA SC 29223	ENE	0.34 / 1,782.73	<a href="#">10</a>
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*Dep ID: 10089906*

### **AFS - Air Facility System**

A search of the AFS database, dated Oct 17, 2014 has found that there are 1 AFS site(s) within approximately 0.02miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
-------------------------------	----------------	------------------	-------------------------	----------------

JOHN HARRIS BODY SHOP	100 FONTAINE CENTER DR COLUMBIA SC 29223	NNE	0.02 / 83.71	<a href="#">1</a>
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### **State**

### **SPILLS - Spills List**

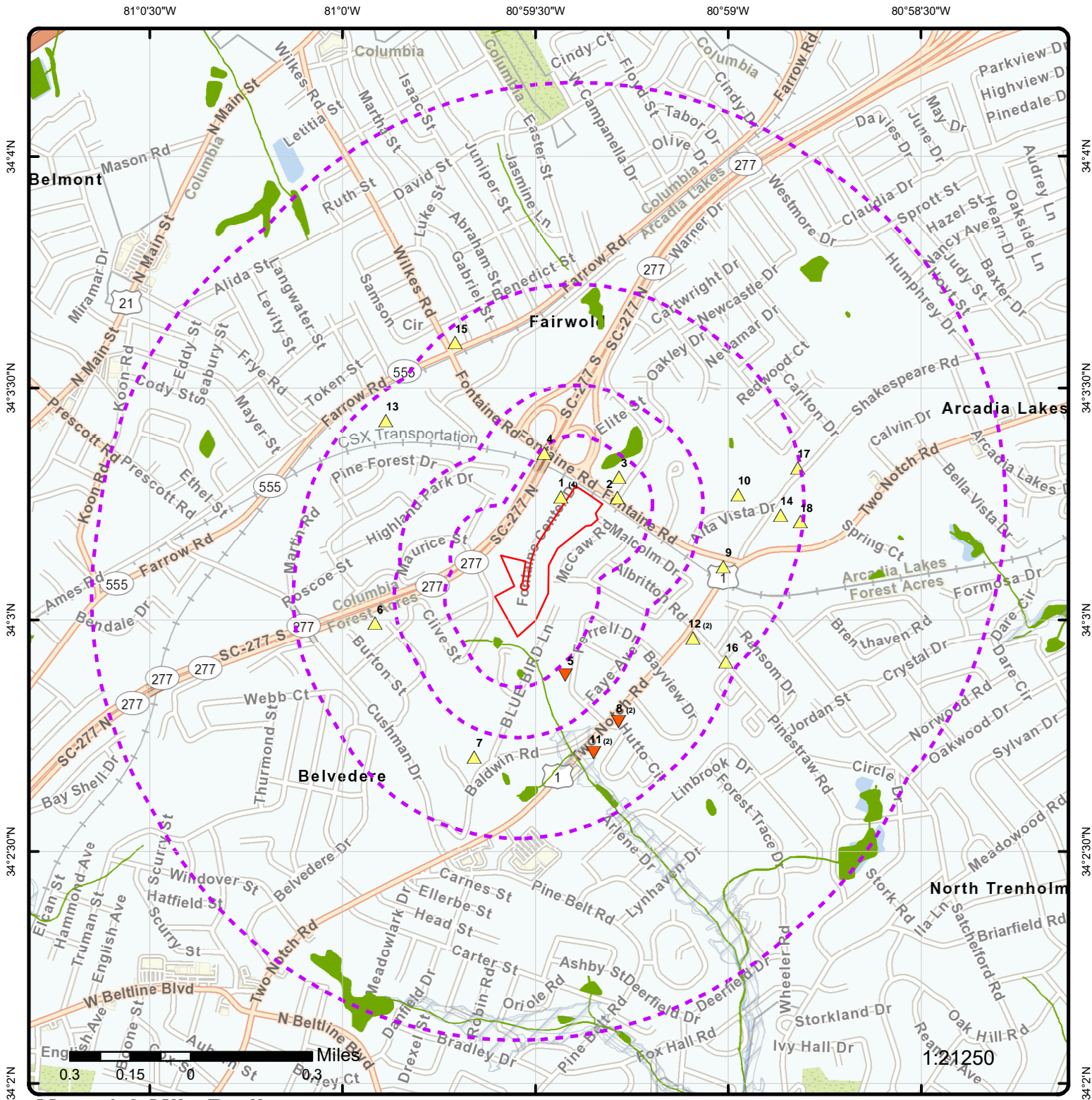
A search of the SPILLS database, dated Sep 24, 2024 has found that there are 1 SPILLS site(s) within approximately 0.12miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
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	109 WARNER DR COLUMBIA SC	NE	0.08 / 415.97	<a href="#">3</a>
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*Incident No: 200304226*





## Map: 1.0 Mile Radius

Order Number: 25052100931

Address: Fontaine Center Drive, COLUMBIA, SC



Project Property

Buffer Outline

▲ Sites with Higher Elevation

▲ Sites with Same Elevation

▼ Sites with Lower Elevation

○ Sites with Unknown Elevation

Areas with Higher Elevation

Areas with Same Elevation

Areas with Lower Elevation

Areas with Unknown Elevation

Freeways; Highways

Traffic Circle; Ramp

Major & Minor Arterial

Traffic Circle; Ramp

Local Road

Rail

State

Country

National Wetland

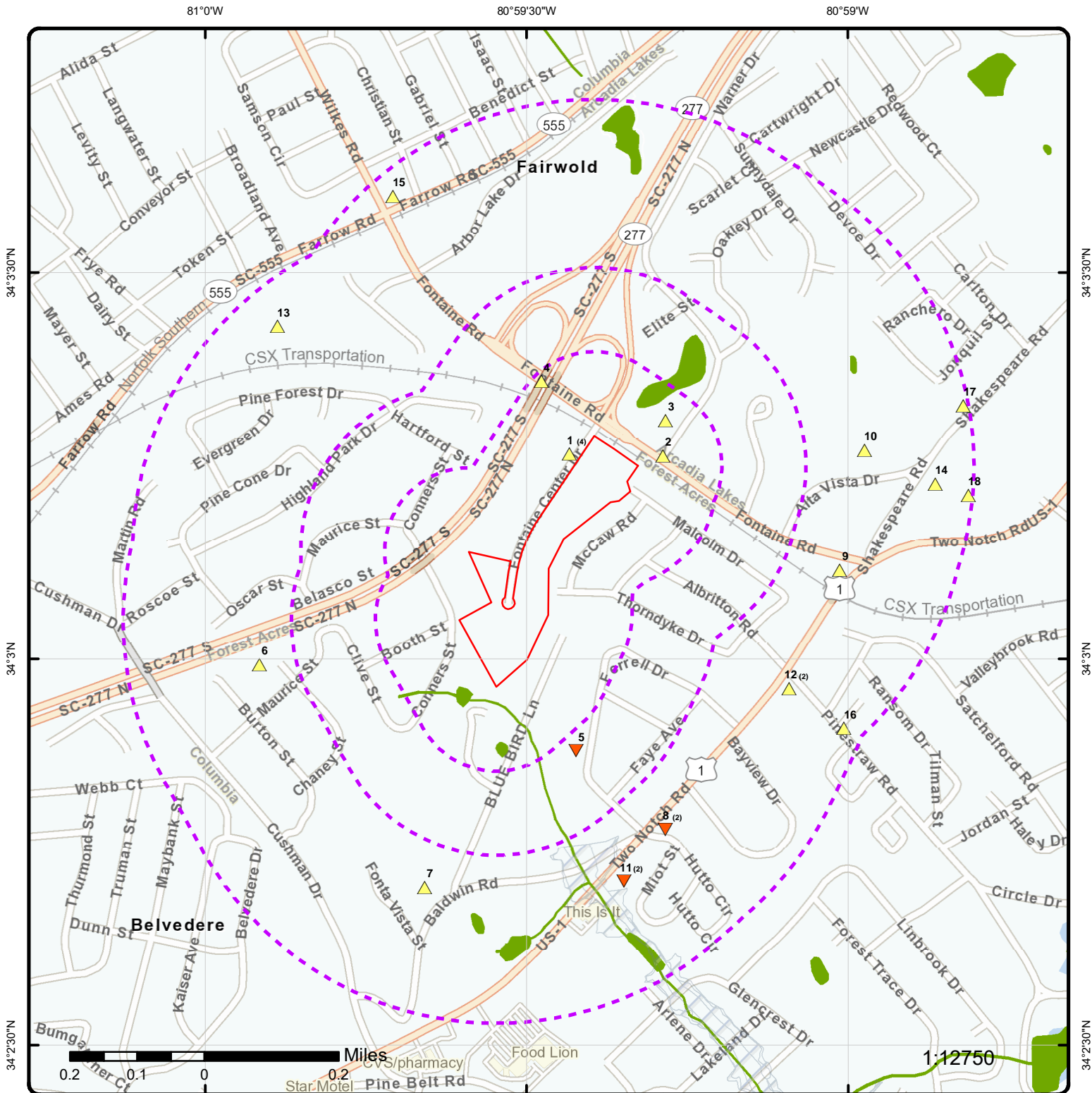
Indian Reserve Land

100 Year Flood Zone

500 Year Flood Zone

FWS Special Designation Areas

National Priorities List (Active, Delisted, Proposed, Institutional Control)



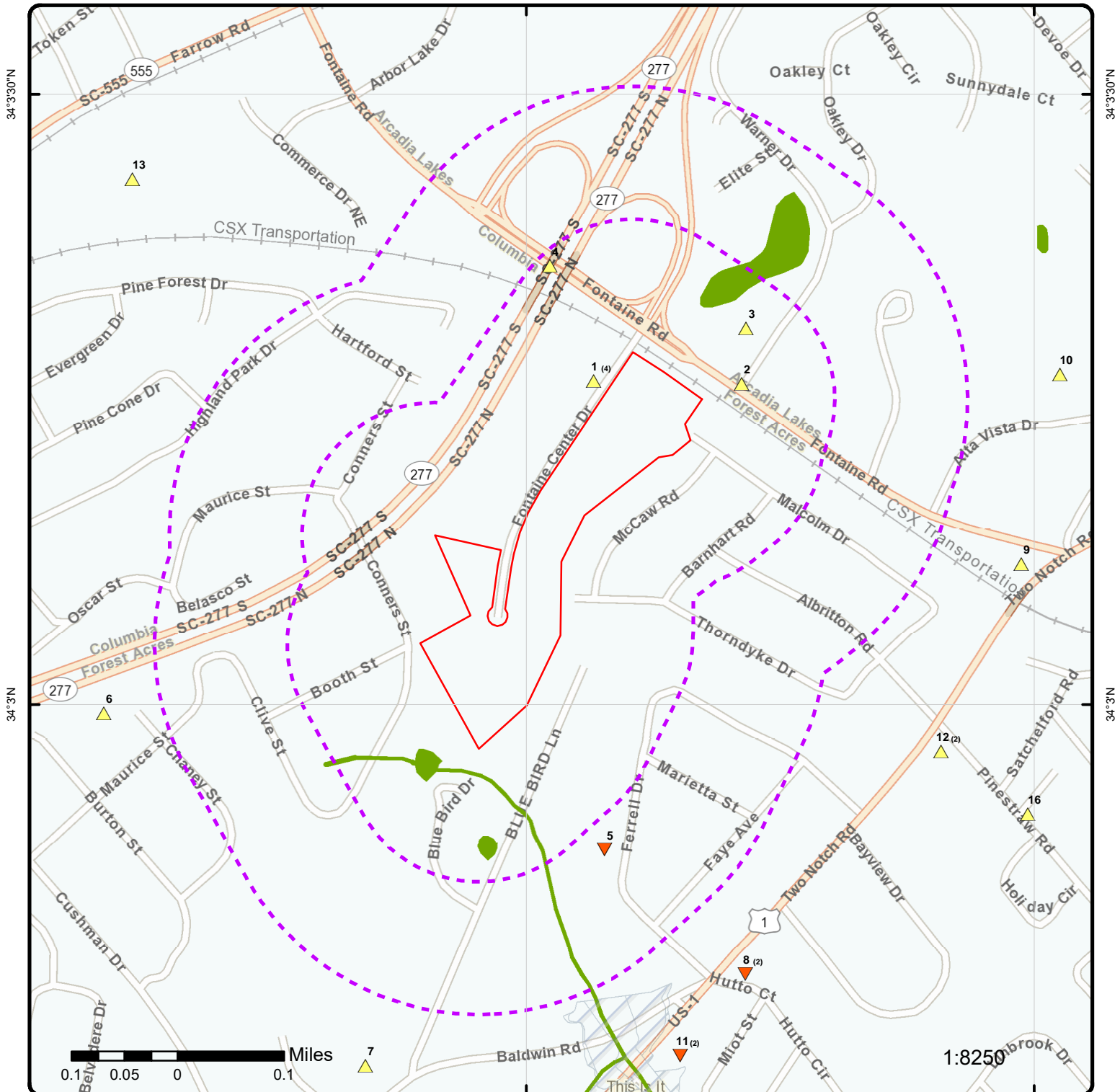
## Map: 0.5 Mile Radius

Order Number: 25052100931

Address: Fontaine Center Drive, COLUMBIA, SC







## Map: 0.25 Mile Radius

Order Number: 25052100931

Address: Fontaine Center Drive, COLUMBIA, SC



Project Property

Buffer Outline

▲ Sites with Higher Elevation

▲ Sites with Same Elevation

▲ Sites with Lower Elevation

○ Sites with Unknown Elevation

Areas with Higher Elevation

Areas with Same Elevation

Areas with Lower Elevation

Areas with Unknown Elevation

Freeways; Highways

Traffic Circle; Ramp

Major & Minor Arterial

Traffic Circle; Ramp

Local Road

Rail

State

Country

National Wetland

Indian Reserve Land

100 Year Flood Zone

500 Year Flood Zone

FWS Special Designation Areas

National Priorities List (Active, Delisted, Proposed, Institutional Control)



81°0'W

80°59'30"W

80°59'W

34°3'30"N

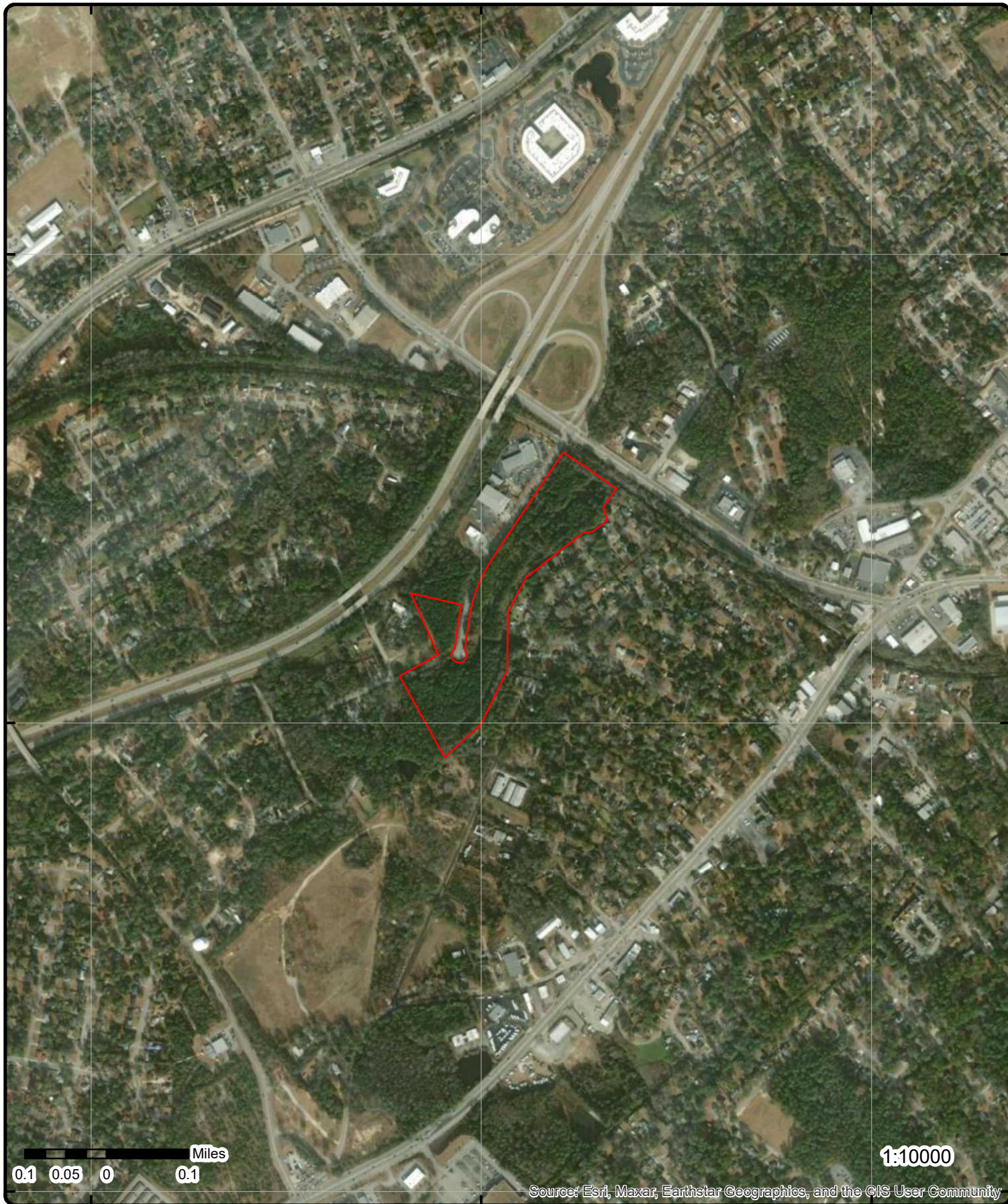
34°3'N

34°2'30"N

34°3'30"N

34°3'N

34°2'30"N



**Aerial** Year: 2023

Address: Fontaine Center Drive, COLUMBIA, SC

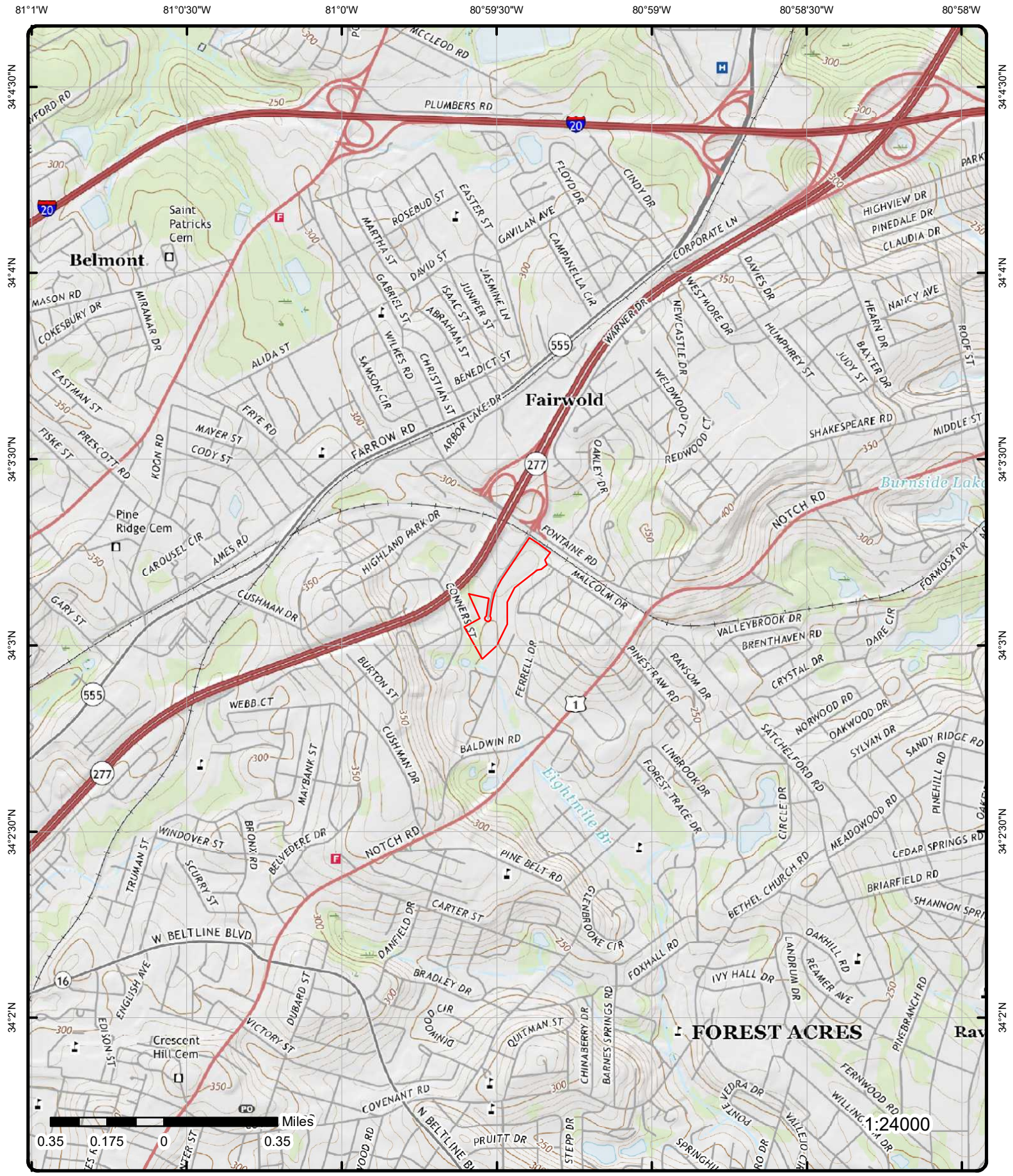
Source: ESRI World Imagery

Order Number: 25052100931



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**Topographic Map**      Year: 2020

Address: Fontaine Center Drive, SC

Quadrangle(s): Fort Jackson North SC, Columbia North SC

Source: USGS Topographic Map

Order Number: 25052100931



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# Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<a href="#">1</a>	1 of 4	NNE	0.02 / 83.71	285.89 / 20	GERBER COLLISION & GLASS-COLUMBIA/FONTAINE CENTER 100 FONTAINE CENTER DR COLUMBIA SC 29223	FINDS/FRS
<div> <div>Registry ID:</div> <div>110015633297</div> </div> <div> <div>FIPS Code:</div> <div>45079</div> </div> <div> <div>HUC Code:</div> <div>03050110</div> </div> <div> <div>Site Type Name:</div> <div>STATIONARY</div> </div> <div> <div>Location Description:</div> <div></div> </div> <div> <div>Supplemental Location:</div> <div></div> </div> <div> <div>Create Date:</div> <div>26-AUG-03</div> </div> <div> <div>Update Date:</div> <div>29-APR-16</div> </div> <div> <div>Interest Types:</div> <div>AIR MINOR, COMPLIANCE AND EMISSIONS REPORTING, STATE MASTER, VSQG</div> </div> <div> <div>SIC Codes:</div> <div>7532</div> </div> <div> <div>SIC Code Descriptions:</div> <div>TOP, BODY, AND UPHOLSTERY REPAIR SHOPS AND PAINT SHOPS</div> </div> <div> <div>NAICS Codes:</div> <div>811121</div> </div> <div> <div>NAICS Code Descriptions:</div> <div>AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE.</div> </div> <div> <div>Conveyor:</div> <div>RCRAINFO</div> </div> <div> <div>Federal Facility Code:</div> <div></div> </div> <div> <div>Federal Agency Name:</div> <div></div> </div> <div> <div>Tribal Land Code:</div> <div></div> </div> <div> <div>Tribal Land Name:</div> <div></div> </div> <div> <div>Congressional Dist No:</div> <div>06</div> </div> <div> <div>Census Block Code:</div> <div>450790108042000</div> </div> <div> <div>EPA Region Code:</div> <div>04</div> </div> <div> <div>County Name:</div> <div>RICHLAND</div> </div> <div> <div>US/Mexico Border Ind:</div> <div></div> </div> <div> <div>Latitude:</div> <div>34.053277</div> </div> <div> <div>Longitude:</div> <div>-80.991278</div> </div> <div> <div>Reference Point:</div> <div>ENTRANCE POINT OF A FACILITY OR STATION</div> </div> <div> <div>Coord Collection Method:</div> <div>GDT-ADDRESS MATCHING (GEOCODING)</div> </div> <div> <div>Accuracy Value:</div> <div></div> </div> <div> <div>Datum:</div> <div>NAD83</div> </div> <div> <div>Source:</div> <div></div> </div> <div> <div>Facility Detail Rprt URL:</div> <div>https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110015633297</div> </div> <div> <div>Program Acronyms:</div> <div></div> </div>						
<a href="#">1</a>	2 of 4	NNE	0.02 / 83.71	285.89 / 20	JOHN HARRIS BODY SHOP 100 FONTAINE CENTER DR COLUMBIA SC 29223	ICIS
<div> <div>EPA Region:</div> <div>04</div> </div> <div> <div>Registry ID:</div> <div>110015633297</div> </div> <div> <div>Pgm Sys ID:</div> <div>SC00019000223</div> </div> <div> <div>Pgm Sys Acnrm:</div> <div>AIR</div> </div> <div> <div>Permit Type:</div> <div></div> </div> <div> <div>Federal Fac ID:</div> <div></div> </div> <div> <div>Tribal Land Code:</div> <div></div> </div> <div> <div>County:</div> <div>Richland</div> </div> <div> <div>Latitude 83:</div> <div>34.05512</div> </div> <div> <div>Longitude 83:</div> <div>-80.98976</div> </div>						
<a href="#">1</a>	3 of 4	NNE	0.02 / 83.71	285.89 / 20	GERBER COLLISION & GLASS-COLUMBIA/FONTAINE CENTER 100 FONTAINE CENTER DR COLUMBIA SC 29223	RCRA VSQG

Handler ID: SCR000768317



Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Generator Status:	VSG
Recycler Activity?:	NO
Recycler Activity Note:	This facility has not been identified as a Recycler Facility from both the RCRA Handler and Biennial Report Modules.

#### Violation/Evaluation Summary

**Note:** VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated Jan, 2025.

#### Violation Details

Viol Type:	262.C	Actual Rtc Date:	20160217
Citation:		Found Violation:	Yes
Determined Date:	20160111	Rtc Qualifier:	Documented
Scheduled Compliance Date:			
Eval Activity Location:	SC		
Viol Determined By Agency:	State		
Viol Short Desc:	Generators - Pre-transport		

#### Enforcement Details

Enf Type:	140
Enf Type Desc:	
Enf Action Date:	20160112
Disposition Status Desc:	
Disposition Status Date:	
Enf Agency:	State
Proposed Amount:	
Final Amount:	
Paid Amount:	

#### Violation Details

Viol Type:	265.I	Actual Rtc Date:	20160217
Citation:		Found Violation:	Yes
Determined Date:	20160111	Rtc Qualifier:	Documented
Scheduled Compliance Date:			
Eval Activity Location:	SC		
Viol Determined By Agency:	State		
Viol Short Desc:	TSD IS-Container Use and Management		

#### Enforcement Details

Enf Type:	140
Enf Type Desc:	
Enf Action Date:	20160112
Disposition Status Desc:	
Disposition Status Date:	
Enf Agency:	State
Proposed Amount:	
Final Amount:	
Paid Amount:	

#### Violation Details

Viol Type:	273.B	Actual Rtc Date:	20160217
Citation:		Found Violation:	Yes
Determined Date:	20160111	Rtc Qualifier:	Documented
Scheduled Compliance Date:			
Eval Activity Location:	SC		
Viol Determined By Agency:	State		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Viol Short Desc:	Universal Waste - Small Quantity Handlers					
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#### Enforcement Details

Enf Type:	140
Enf Type Desc:	
Enf Action Date:	20160112
Disposition Status Desc:	
Disposition Status Date:	
Enf Agency:	State
Proposed Amount:	
Final Amount:	
Paid Amount:	

#### Evaluation Details

Eval Start Date:	20160111
Eval Type Desc:	COMPLIANCE EVALUATION INSPECTION
Viol Short Desc:	Generators - Pre-transport
Actual Rtc Date:	20160217
Eval Agency:	State

Eval Start Date:	20160111
Eval Type Desc:	COMPLIANCE EVALUATION INSPECTION
Viol Short Desc:	TSD IS-Container Use and Management
Actual Rtc Date:	20160217
Eval Agency:	State

Eval Start Date:	20160111
Eval Type Desc:	COMPLIANCE EVALUATION INSPECTION
Viol Short Desc:	Universal Waste - Small Quantity Handlers
Actual Rtc Date:	20160217
Eval Agency:	State

Eval Start Date:	20061201
Eval Type Desc:	COMPLIANCE ASSISTANCE VISIT
Viol Short Desc:	
Actual Rtc Date:	
Eval Agency:	State

#### Handler Summary

Importer:	No	Used Oil Transpor:	No
Mixed Waste Gen:	No	Used Oil Trans Fac:	No
Transporter:	No	Used Oil Processor:	No
Transfer Facility:	No	Used Oil Refiner:	No
Recycler:	No	Used Oil Burner:	No
Onsite Burner Exem:	No	Commercial TSD:	No
Furnace Exemption:	No	Recycl Nonstorage:	No
Underground Injec:	No		
Used Oil Market Burner:	No		
Used Oil Spec Marketer:	No		

#### Additional Handler Summary Details

Source Type:	N	NAIC 1:	81112
Seq No:	10	NAIC 2:	
Non Notifier:		NAIC 3:	
Receive Date:	20210722	NAIC 4:	
Active Site:	H----	State:	SC
Land Type:	P	Location Latitude:	34.053277
In Handler Univ:	Y	Location Longitude:	-80.991278
In A Universe:	Y	Loc GIS Primary:	N
Gen Status:	VSG	Loc GIS Origin:	AG



Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Report Cycle:					State District Owner:	SC
Accessibility:					State District:	CM
Region:	04					
Fed Waste Gen Owner:		HQ				
State Waste Generator Owner:		SC				
State Waste Generator:		4				
Short Term Generator:		N				
Uni Waste:		N				
Universal Waste Dest Facility:		N				
Federal Universal Waste:		N				
As Federally Regulated Tsdf:		-----				
As Converter Tsdf:		-----				
As State Regulated Tsdf:		-----				
As State Regulated Handler:		---				
Federal Indicator:		---				
Hsm:		N				
Subpart K:		----				
GPRA Permit:		N				
GPRA Renewal:		N				
Permit Renewal Wrkld:		-----				
Permwrk ID:		-----				
Perm Prog:		-----				
Pcwrkld:		-----				
Closwrkld:		-----				
GPRA Ca:		N				
Cawrkld:		N				
Subjca Tsd Discretion:		N				
NCAPS:		N				
EC Indicator:		N				
Ca725 Indicator:		N				
Ca750 Indicator:		N				
Operating Tsdf:		-----				
Full Enforcement:		-----				
Snc:		N				
Unaddressed Snc:		N				
Addressed Snc:		N				
Snc With Comp Sched:		N				
Fa Required:		-----				
Hhandler Last Change:		20210723				
Recognized Trader Importer:		N				
Recognized Trader Exporter:		N				
Slab Importer:		N				
Slab Exporter:		N				
Manifest Broker:		N				
Subpart P:		N				
Contact Language:		EN				
Handler Name:		GERBER COLLISION & GLASS-COLUMBIA/FONTAINE CENTER				
Location Street No:		100				
Location Street1:		FONTAINE CENTER DR				
Location Street2:						
Location City:		COLUMBIA				
Location State:		SC				
Location Zip:		29223				
Location County Code:		SC079				
Location County Name:		RICHLAND				
Location Country:		US				
Contact Name:		COLETTE BRUCE				
Contact Street No:		16076				
Contact Street1:		FOSTER ST				
Contact Street2:						
Contact City:		STILWELL				
Contact State:		KS				
Contact Zip:		66085				
Contact Country:		US				
Contact Phone And Ext:		866-762-9350				
Contact Fax:						
Contact Email Address:		COLETTE@TEAMSAFETY.US				
Contact Title:		AUTHORIZED REP				
Owner Name:		HARRIS PAINT AND BODY INC JOHN HARRIS				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Owner Type:		P				
Owner Seq:	1					
Operator Name:		HARRIS PAINT AND BODY INC JOHN HARRIS				
Operator Type:		P				
Operator Seq:	5					
Public Notes:						

#### Hazardous Waste Handler Details

Seq No: 1  
 Receive Date: 20061117  
 Handler Name: JOHN HARRIS BODY SHOP  
 Fed Waste Generator: 2  
 Generator Code Description: Small Quantity Generator  
 Source Type: Notification

#### Waste Code Details

Waste Code: D001  
 Waste Code Desc: IGNITABLE WASTE

Waste Code: D035  
 Waste Code Desc: METHYL ETHYL KETONE

Waste Code: F003  
 Waste Code Desc: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005  
 Waste Code Desc: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

#### Hazardous Waste Handler Details

Seq No: 2  
 Receive Date: 20100406  
 Handler Name: JOHN HARRIS BODY SHOP  
 Fed Waste Generator: 2  
 Generator Code Description: Small Quantity Generator  
 Source Type: Notification

#### Waste Code Details

Waste Code: D001  
 Waste Code Desc: IGNITABLE WASTE

Waste Code: D035  
 Waste Code Desc: METHYL ETHYL KETONE

Waste Code: F003  
 Waste Code Desc: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING,



Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

**Waste Code:**

F005

**Waste Code Desc:**

THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

#### Hazardous Waste Handler Details

**Seq No:**

3

**Receive Date:**

20110427

**Handler Name:**

JOHN HARRIS BODY SHOP

**Fed Waste Generator:**

2

**Generator Code Description:**

Small Quantity Generator

**Source Type:**

Notification

#### Waste Code Details

**Waste Code:**

D001

**Waste Code Desc:**

IGNITABLE WASTE

**Waste Code:**

D035

**Waste Code Desc:**

METHYL ETHYL KETONE

**Waste Code:**

F003

**Waste Code Desc:**

THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

**Waste Code:**

F005

**Waste Code Desc:**

THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

#### Hazardous Waste Handler Details

**Seq No:**

4

**Receive Date:**

20130815

**Handler Name:**

JOHN HARRIS BODY SHOP

**Fed Waste Generator:**

2

**Generator Code Description:**

Small Quantity Generator

**Source Type:**

Notification

#### Waste Code Details

**Waste Code:**

D001

**Waste Code Desc:**

IGNITABLE WASTE

**Waste Code:**

D035

**Waste Code Desc:**

METHYL ETHYL KETONE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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<b>Waste Code:</b>	F003
<b>Waste Code Desc:</b>	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
<b>Waste Code:</b>	F005
<b>Waste Code Desc:</b>	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

#### Hazardous Waste Handler Details

<b>Seq No:</b>	5
<b>Receive Date:</b>	20140513
<b>Handler Name:</b>	JOHN HARRIS BODY SHOP
<b>Fed Waste Generator:</b>	2
<b>Generator Code Description:</b>	Small Quantity Generator
<b>Source Type:</b>	Notification

#### Waste Code Details

<b>Waste Code:</b>	D001
<b>Waste Code Desc:</b>	IGNITABLE WASTE
<b>Waste Code:</b>	D035
<b>Waste Code Desc:</b>	METHYL ETHYL KETONE
<b>Waste Code:</b>	F003
<b>Waste Code Desc:</b>	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
<b>Waste Code:</b>	F005
<b>Waste Code Desc:</b>	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

#### Hazardous Waste Handler Details

<b>Seq No:</b>	6
<b>Receive Date:</b>	20150223
<b>Handler Name:</b>	JOHN HARRIS BODY SHOP
<b>Fed Waste Generator:</b>	2
<b>Generator Code Description:</b>	Small Quantity Generator
<b>Source Type:</b>	Notification

#### Waste Code Details

<b>Waste Code:</b>	D001
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<b>Waste Code Desc:</b>		IGNITABLE WASTE				
<b>Waste Code:</b>		D035				
<b>Waste Code Desc:</b>		METHYL ETHYL KETONE				
<b>Waste Code:</b>		F003				
<b>Waste Code Desc:</b>		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
<b>Waste Code:</b>		F005				
<b>Waste Code Desc:</b>		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				

#### Hazardous Waste Handler Details

**Seq No:** 7  
**Receive Date:** 20160210  
**Handler Name:** JOHN HARRIS BODY SHOP FONTAINE  
**Fed Waste Generator:** 3  
**Generator Code Description:** Very Small Quantity Generator  
**Source Type:** Notification

#### Waste Code Details

**Waste Code:** D001  
**Waste Code Desc:** IGNITABLE WASTE

**Waste Code:** D004  
**Waste Code Desc:** ARSENIC

**Waste Code:** D005  
**Waste Code Desc:** BARIUM

**Waste Code:** D006  
**Waste Code Desc:** CADMIUM

**Waste Code:** D007  
**Waste Code Desc:** CHROMIUM

**Waste Code:** D008  
**Waste Code Desc:** LEAD

**Waste Code:** D035  
**Waste Code Desc:** METHYL ETHYL KETONE

**Waste Code:** F003  
**Waste Code Desc:** THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

**Waste Code:** F005  
**Waste Code Desc:** THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

#### Hazardous Waste Handler Details

Seq No: 8  
 Receive Date: 20170202  
 Handler Name: JOHN HARRIS BODY SHOP FONTAINE  
 Fed Waste Generator: 3  
 Generator Code Description: Very Small Quantity Generator  
 Source Type: Notification

#### Waste Code Details

Waste Code: D001  
 Waste Code Desc: IGNITABLE WASTE

Waste Code: D004  
 Waste Code Desc: ARSENIC

Waste Code: D005  
 Waste Code Desc: BARIUM

Waste Code: D006  
 Waste Code Desc: CADMIUM

Waste Code: D007  
 Waste Code Desc: CHROMIUM

Waste Code: D008  
 Waste Code Desc: LEAD

Waste Code: D035  
 Waste Code Desc: METHYL ETHYL KETONE

Waste Code: F003  
 Waste Code Desc: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005  
 Waste Code Desc: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

#### Hazardous Waste Handler Details

Seq No: 9  
 Receive Date: 20190130  
 Handler Name: JOHN HARRIS BODY SHOP FONTAINE  
 Fed Waste Generator: 3  
 Generator Code Description: Very Small Quantity Generator  
 Source Type: Notification



Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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#### Waste Code Details

Waste Code:	D001
Waste Code Desc:	IGNITABLE WASTE
Waste Code:	D004
Waste Code Desc:	ARSENIC
Waste Code:	D005
Waste Code Desc:	BARIUM
Waste Code:	D006
Waste Code Desc:	CADMIUM
Waste Code:	D007
Waste Code Desc:	CHROMIUM
Waste Code:	D008
Waste Code Desc:	LEAD
Waste Code:	D035
Waste Code Desc:	METHYL ETHYL KETONE
Waste Code:	F003
Waste Code Desc:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F005
Waste Code Desc:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

#### Hazardous Waste Handler Details

Seq No:	10
Receive Date:	20210722
Handler Name:	GERBER COLLISION & GLASS-COLUMBIA/FONTAINE CENTER
Fed Waste Generator:	3
Generator Code Description:	Very Small Quantity Generator
Source Type:	Notification

#### Waste Code Details

Waste Code:	D001
Waste Code Desc:	IGNITABLE WASTE
Waste Code:	D002
Waste Code Desc:	CORROSIVE WASTE
Waste Code:	D004
Waste Code Desc:	ARSENIC
Waste Code:	D005
Waste Code Desc:	BARIUM
Waste Code:	D006
Waste Code Desc:	CADMIUM

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<b>Waste Code:</b>		D007				
<b>Waste Code Desc:</b>		CHROMIUM				
<b>Waste Code:</b>		D008				
<b>Waste Code Desc:</b>		LEAD				
<b>Waste Code:</b>		D035				
<b>Waste Code Desc:</b>		METHYL ETHYL KETONE				
<b>Waste Code:</b>		F003				
<b>Waste Code Desc:</b>		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				
<b>Waste Code:</b>		F005				
<b>Waste Code Desc:</b>		THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.				

#### Owner/Operator Details

<b>Owner/Operator Ind:</b>	Current Owner	<b>Street No:</b>	100
<b>Type:</b>	Private	<b>Street1:</b>	FONTAINE CENTER DR
<b>Name:</b>	JOHN HARRIS	<b>Street2:</b>	
<b>Dt Became Current:</b>	20061117	<b>City:</b>	COLUMBIA
<b>Dt Ended Current:</b>		<b>State:</b>	SC
<b>Phone:</b>	803-799-0273	<b>Country:</b>	US
<b>Source Type:</b>	Notification	<b>Zip:</b>	29223
<b>Owner/Operator Ind:</b>	Current Operator	<b>Street No:</b>	100
<b>Type:</b>	Private	<b>Street1:</b>	FONTAINE CENTER DR
<b>Name:</b>	HARRIS PAINT AND BODY INC JOHN HARRIS	<b>Street2:</b>	
<b>Dt Became Current:</b>	20061117	<b>City:</b>	COLUMBIA
<b>Dt Ended Current:</b>		<b>State:</b>	SC
<b>Phone:</b>	803-799-0273	<b>Country:</b>	US
<b>Source Type:</b>	Notification	<b>Zip:</b>	29223
<b>Owner/Operator Ind:</b>	Previous Owner	<b>Street No:</b>	100
<b>Type:</b>	Private	<b>Street1:</b>	FONTAINE CENTER DR
<b>Name:</b>	HARRIS PAINT AND BODY INC JOHN HARRIS	<b>Street2:</b>	
<b>Dt Became Current:</b>	20061117	<b>City:</b>	COLUMBIA
<b>Dt Ended Current:</b>	20150223	<b>State:</b>	SC
<b>Phone:</b>	803-799-0273	<b>Country:</b>	US
<b>Source Type:</b>	Notification	<b>Zip:</b>	29223
<b>Owner/Operator Ind:</b>	Current Owner	<b>Street No:</b>	400
<b>Type:</b>	Private	<b>Street1:</b>	W GRAND AVE
<b>Name:</b>	TRUE2FORM COLLISION REPAIR CENTERS, INC	<b>Street2:</b>	
<b>Dt Became Current:</b>	20210628	<b>City:</b>	ELMHURST
<b>Dt Ended Current:</b>		<b>State:</b>	IL
<b>Phone:</b>		<b>Country:</b>	US
<b>Source Type:</b>	Notification	<b>Zip:</b>	60126
<b>Owner/Operator Ind:</b>	Current Operator	<b>Street No:</b>	100
<b>Type:</b>	Private	<b>Street1:</b>	FONTAINE CENTER DR
<b>Name:</b>	JOHN HARRIS	<b>Street2:</b>	
<b>Dt Became Current:</b>	20061117	<b>City:</b>	COLUMBIA



Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<b>Dt Ended Current:</b>				<b>State:</b>	SC	
<b>Phone:</b>	803-799-0273			<b>Country:</b>	US	
<b>Source Type:</b>	Notification			<b>Zip:</b>	29223	
<b>Owner/Operator Ind:</b>	Current Operator			<b>Street No:</b>	111	
<b>Type:</b>	Private			<b>Street1:</b>	EVERGREEN DR	
<b>Name:</b>	JOHN HARRIS BODY SHOP LLC			<b>Street2:</b>		
<b>Dt Became Current:</b>				<b>City:</b>	IRMO	
<b>Dt Ended Current:</b>				<b>State:</b>	SC	
<b>Phone:</b>				<b>Country:</b>	US	
<b>Source Type:</b>	Notification			<b>Zip:</b>	29063	
<b>Owner/Operator Ind:</b>	Current Owner			<b>Street No:</b>	1249	
<b>Type:</b>	Private			<b>Street1:</b>	S PLEASANTBURG DR	
<b>Name:</b>	FONTAINE ROAD LLC			<b>Street2:</b>		
<b>Dt Became Current:</b>				<b>City:</b>	GREENVILLE	
<b>Dt Ended Current:</b>				<b>State:</b>	SC	
<b>Phone:</b>				<b>Country:</b>	US	
<b>Source Type:</b>	Notification			<b>Zip:</b>	29605	
<b>Owner/Operator Ind:</b>	Current Operator			<b>Street No:</b>	400	
<b>Type:</b>	Private			<b>Street1:</b>	W GRAND AVE	
<b>Name:</b>	ZACHARY TAYLOR			<b>Street2:</b>		
<b>Dt Became Current:</b>	20210628			<b>City:</b>	ELMHURST	
<b>Dt Ended Current:</b>				<b>State:</b>	IL	
<b>Phone:</b>				<b>Country:</b>	US	
<b>Source Type:</b>	Notification			<b>Zip:</b>	60126	
<b>Owner/Operator Ind:</b>	Current Owner			<b>Street No:</b>	100	
<b>Type:</b>	Private			<b>Street1:</b>	FONTAINE CENTER DR	
<b>Name:</b>	HARRIS PAINT AND BODY INC JOHN HARRIS			<b>Street2:</b>		
<b>Dt Became Current:</b>	20061117			<b>City:</b>	COLUMBIA	
<b>Dt Ended Current:</b>				<b>State:</b>	SC	
<b>Phone:</b>	803-799-0273			<b>Country:</b>	US	
<b>Source Type:</b>	Notification			<b>Zip:</b>	29223	
<b>Owner/Operator Ind:</b>	Current Owner			<b>Street No:</b>	147	
<b>Type:</b>	Private			<b>Street1:</b>	JULIUS ELEAZER RD	
<b>Name:</b>	JOHN HARRIS PAINT & BODY SHOP INC			<b>Street2:</b>		
<b>Dt Became Current:</b>	20150223			<b>City:</b>	CHAPIN	
<b>Dt Ended Current:</b>				<b>State:</b>	SC	
<b>Phone:</b>	803-996-5556			<b>Country:</b>	US	
<b>Source Type:</b>	Notification			<b>Zip:</b>	29036	
<b>Owner/Operator Ind:</b>	Current Operator			<b>Street No:</b>	100	
<b>Type:</b>	Private			<b>Street1:</b>	FONTAINE CENTER DR	
<b>Name:</b>	CHRIS DIROFF			<b>Street2:</b>		
<b>Dt Became Current:</b>	20061117			<b>City:</b>	COLUMBIA	
<b>Dt Ended Current:</b>				<b>State:</b>	SC	
<b>Phone:</b>	803-799-0273			<b>Country:</b>	US	
<b>Source Type:</b>	Notification			<b>Zip:</b>	29223	

#### Historical Handler Details

**Receive Dt:** 20190130  
**Generator Code Description:** Very Small Quantity Generator  
**Handler Name:** JOHN HARRIS BODY SHOP FONTAINE

**Receive Dt:** 20170202  
**Generator Code Description:** Very Small Quantity Generator  
**Handler Name:** JOHN HARRIS BODY SHOP FONTAINE

**Receive Dt:** 20160210  
**Generator Code Description:** Very Small Quantity Generator  
**Handler Name:** JOHN HARRIS BODY SHOP FONTAINE

**Receive Dt:** 20150223

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<b>Generator Code Description:</b>		Small Quantity Generator				
<b>Handler Name:</b>		JOHN HARRIS BODY SHOP				
<b>Receive Dt:</b>		20140513				
<b>Generator Code Description:</b>		Small Quantity Generator				
<b>Handler Name:</b>		JOHN HARRIS BODY SHOP				
<b>Receive Dt:</b>		20130815				
<b>Generator Code Description:</b>		Small Quantity Generator				
<b>Handler Name:</b>		JOHN HARRIS BODY SHOP				
<b>Receive Dt:</b>		20110427				
<b>Generator Code Description:</b>		Small Quantity Generator				
<b>Handler Name:</b>		JOHN HARRIS BODY SHOP				
<b>Receive Dt:</b>		20100406				
<b>Generator Code Description:</b>		Small Quantity Generator				
<b>Handler Name:</b>		JOHN HARRIS BODY SHOP				
<b>Receive Dt:</b>		20061117				
<b>Generator Code Description:</b>		Small Quantity Generator				
<b>Handler Name:</b>		JOHN HARRIS BODY SHOP				

<u>1</u>	4 of 4	NNE	0.02 / 83.71	285.89 / 20	JOHN HARRIS BODY SHOP 100 FONTAINE CENTER DR COLUMBIA SC 29223	AFS
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<b>Afs ID:</b>	4507900223	<b>Fed Reportable:</b>	No
<b>Plant ID:</b>	1016278	<b>Current Hpv:</b>	
<b>Epa Region:</b>	04	<b>Loc Contrl Region:</b>	
<b>Plant County:</b>	Richland	<b>Afs Gov Fac Code:</b>	0
<b>State No:</b>	45	<b>Operating Status:</b>	X
<b>Primary Sic Code:</b>	7532	<b>Epa Class Code:</b>	B
<b>Secondary Sic Code:</b>		<b>Epa Complian Stat:</b>	8
<b>Naics Code:</b>	811121	<b>State Comp Status:</b>	8
<b>Afs Gov Facility Des:</b>	PRIVATELY OWNED/OPERATED		
<b>Operating Status Def:</b>	Permanently Closed		
<b>Epa Classification Des:</b>	Potential uncontrolled emissions <100 tons/year		
<b>Epa Compliance Status:</b>	No Applicable State Regulation		
<b>State Compliance Status:</b>	No Applicable State Regulation		

#### Actions

<b>Plant ID:</b>	1016278	<b>National Actn Type:</b>	PS
<b>Anu1:</b>	1	<b>All Air Prog Codes:</b>	0
<b>Date Achieved:</b>	20070111	<b>Result Code:</b>	21
<b>Penalty Amount:</b>	0	<b>Pollutant Code:</b>	
<b>Record Updated Dt:</b>	20071130	<b>Violating Poll Cds:</b>	
<b>Creation Date:</b>		<b>Violation Type Cds:</b>	
<b>Key Action No:</b>			
<b>Regional Data Element:</b>	1		
<b>National Action Desc:</b>	STATE PCE/ON-SITE		
<b>All Air Program Def:</b>	0-SIP Source		
<b>Result Def:</b>			
<b>Pollutant Def:</b>			
<b>All Violating Poll Def:</b>			
<b>All Violation Type Def:</b>			

#### Actions

<b>Plant ID:</b>	1016278	<b>National Actn Type:</b>	PS
<b>Anu1:</b>	3	<b>All Air Prog Codes:</b>	0
<b>Date Achieved:</b>	20090311	<b>Result Code:</b>	21
<b>Penalty Amount:</b>	0	<b>Pollutant Code:</b>	
<b>Record Updated Dt:</b>	20090513	<b>Violating Poll Cds:</b>	
<b>Creation Date:</b>	20080325	<b>Violation Type Cds:</b>	



Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Key Action No:  
 Regional Data Element:  
 National Action Desc: STATE PCE/ON-SITE  
 All Air Program Def: 0-SIP Source  
 Result Def:  
 Pollutant Def:  
 All Violating Poll Def:  
 All Violation Type Def:

#### Actions

Plant ID:	1016278	National Actn Type:	PS
Anu1:	2	All Air Prog Codes:	0
Date Achieved:	20050330	Result Code:	01
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20071130	Violating Poll Cds:	
Creation Date:		Violation Type Cds:	

Key Action No:  
 Regional Data Element:  
 National Action Desc: STATE PCE/ON-SITE  
 All Air Program Def: 0-SIP Source  
 Result Def:  
 Pollutant Def:  
 All Violating Poll Def:  
 All Violation Type Def:

#### Actions

Plant ID:	1016278	National Actn Type:	PS
Anu1:	4	All Air Prog Codes:	0
Date Achieved:	20101015	Result Code:	21
Penalty Amount:	0	Pollutant Code:	
Record Updated Dt:	20101022	Violating Poll Cds:	
Creation Date:	20091130	Violation Type Cds:	

Key Action No:  
 Regional Data Element:  
 National Action Desc: STATE PCE/ON-SITE  
 All Air Program Def: 0-SIP Source  
 Result Def:  
 Pollutant Def:  
 All Violating Poll Def:  
 All Violation Type Def:

#### Historical Compliance - Air Program Level

Air Program Code: 0  
 Air Program Code Ref: SIP Source  
 Historical Compliance Date: 0604, 0701, 0702, 0703, 0704, 0801, 0802, 0803, 0804, 0901, 0902, 0903, 0904, 1001, 1002, 1003, 1004, 1101, 1102  
 Historical Compliance Status: 4  
 Historical Compliance Stat Ref: In Compliance - Certification

#### Historical Compliance - Air Program Level

Air Program Code: 0  
 Air Program Code Ref: SIP Source  
 Historical Compliance Date: 1103, 1104, 1201, 1202, 1203, 1204, 1301, 1302, 1303, 1304, 1401, 1402, 1403  
 Historical Compliance Status: 8  
 Historical Compliance Stat Ref: No Applicable State Regulation

#### Air Program

Plant ID:	1016278	Poll Classificatn:	B
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<hr/>						
Air Program Code:	0				Poll Compli Status:	8
Air Program Status:	X				Epa Class Code:	B
Pollutant Code:	NO2				Epa Compli Status:	8
Chemical Abstract Service						
Nmbr:						
Air Program Code Subparts:						
Air Program Code Ref:		SIP Source				
Epa Classification Code Ref:		Potential uncontrolled emissions <100 tons/year				
Epa Compliance Status Ref:		No Applicable State Regulation				
Pollutant Code Ref:						
Pollutant Classification Ref:		Potential uncontrolled emissions <100 tons/year				
Pollutant Complian Status Ref:		No Applicable State Regulation				
 <u>Air Program</u>						
Plant ID:	1016278				Poll Classificatn:	ND
Air Program Code:	0				Poll Compli Status:	8
Air Program Status:	X				Epa Class Code:	B
Pollutant Code:	PX				Epa Compli Status:	8
Chemical Abstract Service						
Nmbr:						
Air Program Code Subparts:						
Air Program Code Ref:		SIP Source				
Epa Classification Code Ref:		Potential uncontrolled emissions <100 tons/year				
Epa Compliance Status Ref:		No Applicable State Regulation				
Pollutant Code Ref:						
Pollutant Classification Ref:		Major Source thresholds are not defined.				
Pollutant Complian Status Ref:		No Applicable State Regulation				
 <u>Air Program</u>						
Plant ID:	1016278				Poll Classificatn:	B
Air Program Code:	0				Poll Compli Status:	8
Air Program Status:	X				Epa Class Code:	B
Pollutant Code:	PT				Epa Compli Status:	8
Chemical Abstract Service						
Nmbr:						
Air Program Code Subparts:						
Air Program Code Ref:		SIP Source				
Epa Classification Code Ref:		Potential uncontrolled emissions <100 tons/year				
Epa Compliance Status Ref:		No Applicable State Regulation				
Pollutant Code Ref:						
Pollutant Classification Ref:		Potential uncontrolled emissions <100 tons/year				
Pollutant Complian Status Ref:		No Applicable State Regulation				
 <u>Air Program</u>						
Plant ID:	1016278				Poll Classificatn:	B
Air Program Code:	0				Poll Compli Status:	8
Air Program Status:	X				Epa Class Code:	B
Pollutant Code:	VOC				Epa Compli Status:	8
Chemical Abstract Service						
Nmbr:						
Air Program Code Subparts:						
Air Program Code Ref:		SIP Source				
Epa Classification Code Ref:		Potential uncontrolled emissions <100 tons/year				
Epa Compliance Status Ref:		No Applicable State Regulation				
Pollutant Code Ref:						
Pollutant Classification Ref:		Potential uncontrolled emissions <100 tons/year				
Pollutant Complian Status Ref:		No Applicable State Regulation				
 <u>Air Program</u>						
Plant ID:	1016278				Poll Classificatn:	C



Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Air Program Code:	0				Poll Compli Status:	8
Air Program Status:	X				Epa Class Code:	B
Pollutant Code:	ADMIN				Epa Compli Status:	8
Chemical Abstract Service Nbr:						
Air Program Code Subparts:						
Air Program Code Ref:		SIP Source				
Epa Classification Code Ref:		Potential uncontrolled emissions <100 tons/year				
Epa Compliance Status Ref:		No Applicable State Regulation				
Pollutant Code Ref:						
Pollutant Classification Ref:		Class is unknown.				
Pollutant Complian Status Ref:		No Applicable State Regulation				

<u>2</u>	1 of 1	NE	0.04 / 211.89	284.62 / 19	BILTMORE DAIRY FARMS INC 101 WARNER RD COLUMBIA SC 29223-4508	UST
Site No:	7569				Facility ID (Prohib):	
Permit:	N 07569				Fac Name (Prohib):	
Category:					Fac Addr (Prohib):	
No of Tanks:	1				Fac City (Prohib):	
Billable:	0				Facility Name (Web):	BILTMORE DAIRY FARMS INC
Abandoned:	1				Facility Addr (Web):	101 WARNER RD
Other:	0				Facility City (Web):	COLUMBIA
Last Inspection:					Zip Code (Web):	29223-4508
Facility Name:	BILTMORE DAIRY FARMS INC				County (Web):	
Facility Address:	101 WARNER RD				Phone (Web):	
Facility Zip:	29223-4508				Tank Owner Phone:	704-274-2003
Facility Phone:					Land Owner Phone:	
Facility State:	SC				Operator Phone:	
Facility City:	COLUMBIA				Facility Contact:	WALTER HONEYCUTT
County Code:	40					
Business Address:	101 WARNER RD COLUMBIA SC 29223-4508					
Tank Owner Business Address:	BILTMORE DAIRY FARMS INC PO BOX 5355 ASHEVILLE NC 28813-5355					
Land Owner Business Address:						
Operator Business Address:						
Facility Link:	<a href="https://apps.des.sc.gov/USTRegistry/Home/siteDetails?permitNumber=UST07569">https://apps.des.sc.gov/USTRegistry/Home/siteDetails?permitNumber=UST07569</a>					
Source:	SCDES Underground Storage Tank Registry (Web); SCDES Management Tracking UST 'C' List					

#### Tank Information - UST Registry Search

Tank No:	1	Chem:	
Case No:		Left Gal:	0
Class:	R	Owner at ABD:	BILTMORE DAIRY FARMS INC
Status:	Abandoned	Last Use:	
Capacity:	6000	Aband:	11/1/1988
Variance:		Method:	Removed
Product:	Kerosene	Under Dispnr Cont:	False
Overfill Type:		Drop Tube:	False
Verified:		Tank Const:	Steel
Constr Date:		Tank Protect:	
Operat Date:		Tank Tested:	
Notify:		Tank Cont Meth:	Single wall
Spill Prevention:		Pipe Cont Meth:	Single wall
Compliance:		Pipe Protect:	
Comp Status:		Pipe Tested:	
Age at Notif:		Pipe Const:	Steel
Dist to Well (ft):		Piping Type:	
Tank Leak Det:			
Pipe Leak Det:			

#### Tank Information - UST 'C' List

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<b>Tank No:</b>	1				<b>Tank Owner State:</b> NC	
<b>Capacity Gal:</b>	6000				<b>Tank Owner Zip:</b> 28813-5355	
<b>Status Code:</b>	ABD				<b>Tank Owner Phone:</b> 704-274-2003	
<b>Status:</b>	Abandoned				<b>Facility:</b> BILTMORE DAIRY FARMS INC	
<b>Chemical:</b>	KN				<b>Contact 1:</b> WALTER HONEYCUTT	
<b>Age at Notif. Years:</b>					<b>Phone 1:</b>	
<b>Owner:</b>	BILTMORE DAIRY FARMS INC				<b>Facility Address:</b> 101 WARNER RD	
<b>Tank Owner Contact:</b>	WALTER HONEYCUTT				<b>City 1:</b> COLUMBIA	
<b>Street:</b>	PO BOX 5355				<b>St 1:</b> SC	
<b>Tank Owner City:</b>	ASHEVILLE				<b>Zip 1:</b> 29223-4508	

<a href="#"><u>3</u></a>	1 of 1	NE	0.08 / 415.97	285.25 / 19	109 WARNER DR COLUMBIA SC	SPILLS
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<b>Incident EID:</b>	5969222	<b>Costal CBE Program:</b>	No
<b>Incident No:</b>	200304226	<b>Site Water Body:</b>	
<b>Incident Sub Type:</b>	Oil	<b>SW Affected:</b>	No
<b>District Log No:</b>		<b>Transp Related:</b>	Yes
<b>DHEC Notified Dt:</b>	10/24/2003	<b>Region Name:</b>	Columbia EQC Office
<b>DHEC Notifi Time:</b>	12:58	<b>PRP Last Name:</b>	HERTZ CORPORATION
<b>Observed Date:</b>		<b>PRP First Name:</b>	
<b>Observed Time:</b>		<b>Rcvd By L Name:</b>	HUGHES
<b>Occurred Date:</b>		<b>Rcvd By F Name:</b>	JUSTIN
<b>Occurred Time:</b>		<b>Rev Last Nm:</b>	
<b>Created Date:</b>	27-OCT-03	<b>Revi First Nm:</b>	
<b>Updated Date:</b>	27-OCT-03	<b>Lead Investig L Name:</b>	
<b>Duration:</b>		<b>Lead Investig F Name:</b>	
<b>County:</b>	Richland	<b>Caller Organization:</b>	
<b>Caller Last Name:</b>		<b>Caller First Name:</b>	
<b>Caller Phone:</b>		<b>Caller Extension:</b>	
<b>Spills Water Body:</b>			
<b>PRP Name:</b>			
<b>Spills:</b>			

#### Spill Details

<b>Substance Name:</b>	HYDRAULIC FLUID	<b>Recovered Qty:</b>	
<b>Estimated Qty:</b>		<b>Recovered Unit:</b>	
<b>Estimated Unit:</b>			
<b>Comments:</b>			

<a href="#"><u>4</u></a>	1 of 1	N	0.11 / 595.63	305.61 / 40	STATE RT 277 AT FONTAINE ROAD COLUMBIA SC	HMIRS
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**Incident County:** RICHLAND

#### HMIR Historical Reports

<b>Report No:</b>	I-2017040164	<b>Fed DOT Agency Nm:</b>	
<b>Report Type:</b>	A hazardous material incident	<b>Fed DOT Report No:</b>	
<b>Date of Incident:</b>	2017-03-05	<b>Report Submit Src:</b>	Paper
<b>Time of Incident:</b>	0530	<b>Inc Multiple Rows:</b>	No
<b>Haz Class Code:</b>		<b>Inc Non US State:</b>	
<b>Hazardous Class:</b>	3	<b>Mode Transport:</b>	Highway
<b>Commodity Short Nm:</b>	GASOLINE INCLUDES GASOLI	<b>Transport Phase:</b>	In Transit
<b>Commodity Long Nm:</b>	GASOLINE INCLUDES GASOLINE MIXED WITH ETHYL ALCOHOL, WITH NOT MORE THAN 10% ALCOHOL	<b>Incident Occrrnce:</b>	
<b>Trade Name:</b>		<b>Mat Ship Approval?:</b>	No
<b>ID No:</b>	UN1203	<b>Mat Ship Approv No:</b>	
<b>Haz Waste Ind:</b>	No	<b>Undecl Hazmat Ship?:</b>	No
<b>Haz Waste EPA No:</b>		<b>Packaging Type:</b>	Cargo Tank Motor Vehicle (CTMV)



Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
HMIS Tox Inhalation?:	No				Packing Group:	II
TIH Hazard Zone:					Carrier Reporter:	EJ POPE
Qty Released:	1500				CR Street Name:	1092 BREAZEALE AVENUE
Unit of Measure:	Liquid - Gallon				CR City:	MOUNT OLIVE
What Failed:	103				CR State:	NC
What Failed Desc:	Basic Material				CR Postal Code:	28365
How Failed Code:	309				CR Non US State:	
How Failed Desc:	Punctured				CR Fed DOT ID:	338658
Failure Cause Code:	537				CR Hazmat Reg ID:	
Failure Cause Desc:	Vehicular Crash or Accident Damage				CR Country:	US
Ident. Markings:	NO MARKINGS GIVEN				Shipper Name:	MOTIVA ENTERPRISES
Cont1 Pkging Type:					Shipper Street Name:	6851 FREEDOM DRIVE
Cont1 Const Mat:					Shipper City:	CHARLOTTE
Cont1 Head Type:					Shipper State:	NC
Cont1 Pkg Capacity:	0				Shipper Postal:	
C1 Capacity UOM:					Shipper Non US St:	
Cont1 Pkg Amt:	0				Shipper Country:	US
C1 Pkg Amt UOM:					Shipper Waybill:	
Cont1 Pkg No:	0				Ship Hazmat Reg ID:	
C1 Pkg NO Failed:	0				Origin City:	
Cont1 Pkg Mnfctr:					Origin State:	
Cont1 Pkg Mnfct Dt:	0-00-00 00:00:00				Origin Postal:	
Cont1 Pkg Serial NO:					Origin Non US St:	
C1 Pkg Last Test Dt:	0-00-00 00:00:00				Origin Country:	US
C1 Test Const Mat:					Destination City:	
C1 Pkg Dsign Pres.:	0				Destination State:	
C1 Dsign Press UOM:					Destination Postal:	
C1 Pkg Shell Thick:	0				Destination Non US:	
C1 Shell Thick UOM:					Destination Country:	
C1 Head Thickness:	0				Cont2 Package Type:	
C1 Head Thick UOM:					Cont2 Const Mat:	
C1 Pkg Srvc Pres.:	0				Cont2 Pkg Capacity:	0
C1 Srvc Press UOM:					Cont2 Capacity UOM:	
C1 Valve/Device Fail?:	No				Cont2 Pkg Amount:	0
C1 Device Type:					Cont2 Pkg Amt UOM:	
C1 Device Mnfctr:					Cont2 Pkg No:	0
C1 Device Model:					Cont2 Pkg No Failed:	0
NRC No:	1172492					
RAM Pkg Category:					Haz NonHosp Public:	0
RAM Pkg Cert.:	FALSE				Haz NonHosp Old:	
RAM Pkg Cert. NBR:					Tot Haz Non Hosp Inj:	
RAM Nuclide S:					Total Hazmat Injuries:	0
RAM Transport Index:					Evacuation Indicator:	No
RAM UOM:					Public Evacuated:	0
RAM Activity Rpted:	0				Employees Evac:	0
RAM UOM Rpted:					Total Evacuated:	0
RAM Activity:	0				Total Evacuation Hrs:	0
RAM Activity UOM:					Major Artery Closed:	No
RAM Mat Safety:					Mjr Artery Hrs Closed:	0
Spillage Result:	Yes				Material Involved:	Yes
Fire Result:	No				Estimated Speed:	35
Explosion Result:	No				Weather Conditions:	CLEAR
Water Sewer Result:	Yes				Vehicle Overturn:	No
Gas Dispersion:	No				Vehicle Left Roadway:	Yes
Environment Damage:	No				Passenger Aircraft:	No
No Release Result:	No				Cargo Baggage:	
Fire EMS Report:	Yes				Ship Non Transport:	No
Fire EMS EMS Report:					Ship Air First Flight:	No
Police Report:	No				Ship Air Subflight:	No
Police Report No:					Ship Init Transport:	No
In House Cleanup:	No				Ship Phase Transfer:	No
Other Cleanup:	Yes				Contact Name:	MATT TESTA
Damage > 500:	Yes				Contact Title:	COMPLIANCE ASSOCIATE
Material Loss:	3500				Contact Business:	SPILL CENTER, INC.
Carrier Damage:	0				Contact Street:	13777 BALLANTYNE CORPORATE PLA
Property Damage:	0				Contact City:	Charlotte
Response Cost:	0				Contact State:	NC
Remediation Cost:	0				Contact Postal:	28227

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Damage Old Form:	0				Contact Non US St:	
Total Damages Amt:	3500				Contact Country:	US
Hazmat Fatality:	No				Inc. Report Prepared:	Other-AGENT FOR EJ POPE
Haz Fatal Employees:	0				HMIS Serious Incidnt:	Yes
Haz Fatal Respndrs:	0				HMIS Serious Fatality:	No
Haz Fatal Gen Public:	0				HMIS Serious Injury:	No
Tot Hazmat Fatalities:	0				HMIS Flight Plan:	No
Non Hazmat Fatality:	No				HMIS Serious Evacs:	No
Non Hazmat Fatals:	0				HMIS Major Artery:	No
Hazmat Injury:	No				HMIS Bulk Release:	Yes
Haz Hospital Empl:	0				HMIS Marine Pollutnt:	No
Haz Hospital Resp:	0				HMIS Radioactive:	No
Haz Hosp Gen Public:	0				HMIS Gen Pkg Type:	
Haz Hosp Old Form:	0				HMIS Container Code:	NO MARKI
Total Haz Hosp Inj:	0				HMIS Container Desc:	Cargo tanks
Haz Non Hosp Empl:	0				HMIS Bulk Incident:	Yes
Haz Non Hosp Resp:	0				Undeclared Shipment:	No
Description of Events:					<p>ACCORDING TO THE INFORMATION OBTAINED, THE FOLLOWING OCCURRED. TRACTOR-TANKER WENT OFF THE ROADWAY RESULTING IN DAMAGE TO THE TANKER. AN ESTIMATED 1,500 GALLONS OF GASOLINE WERE RELEASED AND IMPACTED SOIL, A RAVINE, AND TWO STORM DRAINS. THE LOCAL POLICE DEPARTMENT AND FIRE DEPARTMENT RESPONDED TO THE SITE. FIRE DEPARTMENT CONSTRUCTED A DAM AND DEPLOYED ABSORBENT TO CONTAIN AS MUCH FREE LIQUID AS POSSIBLE. FIRST CALL ENVIRONMENTAL (FEC) WAS DISPATCHED TO COMPLETE THE CLEANUP. FEC RESPONDED AND ASSESSED THE SITE. FEC FOUND SEVERAL LARGE PUDDLES OF STANDING FUEL THAT BEEN CONTAINED AND COVERED WITH FOAM FROM THE FD. A VAC TRUCK WAS IMMEDIATELY REQUESTED TO ASSIST WITH REMOVAL OF STANDING PRODUCT AND DRAIN FLUSHING. THE VAC TRUCK BEGAN REMOVING THE STANDING PRODUCT FROM THE ASPHALT DITCH LINE. DURING THE VACUUMING PROCESS IT WAS NOTICED THAT THE ASPHALT HAD DETERIORATED TO THE POINT OF FAILURE. ONCE CLEANED, FCE BEGAN REMOVING THE SAND USED FOR THE DAMMING PROCESS. FEC FLUSHED THE IMPACTED DRAINS WITH ASSISTANCE FROM THE LOCAL FIRE DEPARTMENT. ABSORBENT BOOMS WERE DEPLOYED AS NEEDED TO RECOVER RESIDUAL FUEL. AT THIS TIME COMPLETION OF SITE EXCAVATION IS PENDING.</p>	
Recommend Actions Taken:					<p>SINCE THE RELEASE WAS ACCIDENTAL, NO PLANS CURRENTLY EXIST TO PREVENT RECURRENCE. HOWEVER, EJ POPE WILL CONTINUE TO REINFORCE SAFETY GUIDELINES AND HANDLING PROCEDURES TO ALL PERSONNEL.</p>	

<u>5</u>	1 of 1	SSE	0.15 / 792.29	256.11 / -10	SHEALEY SON AUTO SERVICE 209 FERRELL DRIVE COLUMBIA SC 29204	RCRA VSQG
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**Handler ID:** SCD987583101  
**Generator Status:** VSG  
**Recycler Activity?:** NO  
**Recycler Activity Note:** This facility has not been identified as a Recycler Facility from both the RCRA Handler and Biennial Report Modules.

#### Violation/Evaluation Summary

**Note:** NO RECORDS: As of Jan 2025, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

#### Handler Summary

<b>Importer:</b>	No	<b>Used Oil Transpor:</b>	No
<b>Mixed Waste Gen:</b>	No	<b>Used Oil Trans Fac:</b>	No
<b>Transporter:</b>	No	<b>Used Oil Processor:</b>	No
<b>Transfer Facility:</b>	No	<b>Used Oil Refiner:</b>	No
<b>Recycler:</b>	No	<b>Used Oil Burner:</b>	No
<b>Onsite Burner Exem:</b>	No	<b>Commercial TSD:</b>	No
<b>Furnace Exemption:</b>	No	<b>Recycl Nonstorage:</b>	No
<b>Underground Injec:</b>	No		
<b>Used Oil Market Burner:</b>	No		
<b>Used Oil Spec Marketer:</b>	No		

#### Additional Handler Summary Details



Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Source Type:	N				NAIC 1:	
Seq No:	2				NAIC 2:	
Non Notifier:					NAIC 3:	
Receive Date:	20020327				NAIC 4:	
Active Site:	H----				State:	SC
Land Type:	P				Location Latitude:	34.049589
In Handler Univ:	Y				Location Longitude:	-80.989688
In A Universe:	Y				Loc GIS Primary:	N
Gen Status:	VSG				Loc GIS Origin:	AG
Report Cycle:					State District Owner:	SC
Accessibility:					State District:	CM
Region:	04					
Fed Waste Gen Owner:		HQ				
State Waste Generator Owner:		SC				
State Waste Generator:		4				
Short Term Generator:		N				
Uni Waste:		N				
Universal Waste Dest Facility:		N				
Federal Universal Waste:		N				
As Federally Regulated Tsdf:		-----				
As Converter Tsdf:		-----				
As State Regulated Tsdf:		-----				
As State Regulated Handler:		---				
Federal Indicator:		---				
Hsm:		N				
Subpart K:		----				
GPRA Permit:		N				
GPRA Renewal:		N				
Permit Renewal Wrkld:		-----				
Permwrk ID:		-----				
Perm Prog:		-----				
Pcwrkld:		-----				
Closwrkld:		-----				
GPRA Ca:		N				
Cawrkld:		N				
Subjca Tsd Discretion:		N				
NCAPS:		N				
EC Indicator:		N				
Ca725 Indicator:		N				
Ca750 Indicator:		N				
Operating Tsdf:		-----				
Full Enforcement:		-----				
Snc:		N				
Unaddressed Snc:		N				
Addressed Snc:		N				
Snc With Comp Sched:		N				
Fa Required:		-----				
Hhandler Last Change:		20140729				
Recognized Trader Importer:		N				
Recognized Trader Exporter:		N				
Slab Importer:		N				
Slab Exporter:		N				
Manifest Broker:		N				
Subpart P:		N				
Contact Language:		EN				
Handler Name:		SHEALEY SON AUTO SERVICE				
Location Street No:		209				
Location Street1:		FERRELL DRIVE				
Location Street2:						
Location City:		COLUMBIA				
Location State:		SC				
Location Zip:		29204				
Location County Code:		SC079				
Location County Name:		RICHLAND				
Location Country:		US				
Contact Name:		SANDRA SHEALY				
Contact Street No:						
Contact Street1:		209 FERRELL DRIVE				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<b>Contact Street2:</b>						
<b>Contact City:</b>		COLUMBIA				
<b>Contact State:</b>		SC				
<b>Contact Zip:</b>		29204				
<b>Contact Country:</b>		US				
<b>Contact Phone And Ext:</b>		803-786-0315				
<b>Contact Fax:</b>						
<b>Contact Email Address:</b>						
<b>Contact Title:</b>						
<b>Owner Name:</b>		DONALD E SHEALY SR.				
<b>Owner Type:</b>		P				
<b>Owner Seq:</b>		1				
<b>Operator Name:</b>						
<b>Operator Type:</b>						
<b>Operator Seq:</b>						
<b>Public Notes:</b>						

#### Hazardous Waste Handler Details

**Seq No:** 1  
**Receive Date:** 19911003  
**Handler Name:** SHEALEY SON AUTO SERVICE  
**Fed Waste Generator:** 2  
**Generator Code Description:** Small Quantity Generator  
**Source Type:** Notification

#### Hazardous Waste Handler Details

**Seq No:** 2  
**Receive Date:** 20020327  
**Handler Name:** SHEALEY SON AUTO SERVICE  
**Fed Waste Generator:** 3  
**Generator Code Description:** Very Small Quantity Generator  
**Source Type:** Notification

#### Waste Code Details

**Waste Code:** D008  
**Waste Code Desc:** LEAD  
  
**Waste Code:** D018  
**Waste Code Desc:** BENZENE  
  
**Waste Code:** D039  
**Waste Code Desc:** TETRACHLOROETHYLENE

#### Owner/Operator Details

<b>Owner/Operator Ind:</b>	Current Owner	<b>Street No:</b>	
<b>Type:</b>	Private	<b>Street1:</b>	209 FERRELL DRIVE
<b>Name:</b>	DONALD E SHEALY SR.	<b>Street2:</b>	
<b>Dt Became Current:</b>		<b>City:</b>	COLUMBIA
<b>Dt Ended Current:</b>		<b>State:</b>	SC
<b>Phone:</b>	803-786-0315	<b>Country:</b>	
<b>Source Type:</b>	Notification	<b>Zip:</b>	29204

#### Historical Handler Details

**Receive Dt:** 19911003  
**Generator Code Description:** Small Quantity Generator  
**Handler Name:** SHEALEY SON AUTO SERVICE



Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<a href="#">6</a>	1 of 1	WSW	0.30 / 1,609.18	366.03 / 100	TRAPP L/C DEBRIS & Y/T LF SC	SWF/LF
Permit Status:	Not Active				GW Monitoring Req:	
Miscellaneous:					Finan Assu Req:	
Online Data:	C&D-LT				Contact:	
EQC Reg:	Midlands				Telephone:	
EQC Reg Off:	Columbia				County:	Richland
Rate Units:					Zip:	0
Total Capacity:					UTM Easting:	500129.40625
Capacity Units:					UTM Northing:	3767686.25
Facility ID:	402468-1701					
Rate Restriction:						
<a href="#">7</a>	1 of 1	SSW	0.32 / 1,669.79	308.28 / 42	BALDWIN ROAD C&D DUMP SC	SWF/LF
Permit Status:	Not Active				GW Monitoring Req:	
Miscellaneous:					Finan Assu Req:	
Online Data:	C&D				Contact:	
EQC Reg:	Midlands				Telephone:	
EQC Reg Off:	Columbia				County:	Richland
Rate Units:					Zip:	0
Total Capacity:					UTM Easting:	500525
Capacity Units:					UTM Northing:	3767153.25
Facility ID:						
Rate Restriction:						
<a href="#">8</a>	1 of 2	SSE	0.33 / 1,717.32	259.32 / -7	CHEAPWAY #17 5200 TWO NOTCH RD COLUMBIA SC 29204-2918	LUST
Permit:	P 12194				Site No (EFIS):	UST-12194
Category:	Retail Sales				Facility Name (EFIS):	NULLS EXXON
No of Tanks:	8				Fac Address (EFIS):	5200 TWO NOTCH RD
Billable:	3				Facility City (EFIS):	COLUMBIA
Abandoned:	5				Facility State (EFIS):	SC
Other:	0				Facility Zip (EFIS):	29204-2918
Last Inspection:	7/25/2024				Facility (Web):	CHEAPWAY #17
Facility:	CHEAPWAY #17				Address (Web):	5200 TWO NOTCH RD
Facility Street:	5200 TWO NOTCH RD				City (Web):	COLUMBIA
Facilit City:	COLUMBIA				Zip Code (Web):	29204-2918
Facility State :	SC				County (Web):	RICHLAND
Facility Zip:	29204-2918				Phone (Web):	803-600-2389
County Code:	40				Tank Owner Phone:	864-358-4323
Fac County:					Land Owner Phone:	864-358-4323
Operator Phone:	864-358-4323					
Business Address:	5200 TWO NOTCH RD COLUMBIA SC 29204-2918					
Tank Owner Business Addr:	SHREE JIYA 17 LLC 5200 TWO NOTCH RD COLUMBIA SC 29204-2918					
Land Owner Business Addr:	SHREE JIYA 17 LLC 5200 TWO NOTCH RD COLUMBIA SC 29204-2918					
Operator Business Addr:	SHREE JIYA 17 LLC 5200 TWO NOTCH RD COLUMBIA SC 29204-2918					
Facility Link:	https://apps.des.sc.gov/USTRegistry/Home/siteDetails?permitNumber=UST12194					
Data Source:	SCDES Underground Storage Tank Registry (Web) (as of 2 Apr 2025); DHEC Confirmed Release Report (LUST) (as of 11 Dec 2024); DHEC LUST Data (EFIS) (as of 5 Sep 2017)					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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#### DHEC Online Registry - Release Report

<b>Release No:</b>	1	<b>Project Manager:</b>	DOLL, CHRIS S
<b>Source:</b>	UST	<b>Compliance Req:</b>	False
<b>Reported:</b>	10/27/1988	<b>Compliance Met:</b>	True
<b>Confirmed:</b>	4/14/1989	<b>Compliance Date:</b>	
<b>RBCA/ Score:</b>	3BF - GW < 15 feet in sand or gravel / 419	<b>Abatement Met:</b>	7/8/1993
<b>Responsible Party:</b>	NULL, HERBERT	<b>NFA:</b>	5/17/2023
<b>Product:</b>		<b>Fin Type:</b>	DHEC SUPERB
<b>Emergency Resp:</b>		<b>Fin Res Mechanism:</b>	
<b>Superb Qualified:</b>		<b>Cleanup MCL:</b>	5/17/2023
<b>Superb Determ Date:</b>		<b>Cleanup Initiated:</b>	3/22/2001
<b>Transferred:</b>		<b>Cleanup Complete:</b>	

#### DHEC Confirmed Release Report

<b>Release No:</b>	1	<b>Confirmed:</b>	4/14/1989
<b>NFA:</b>	5/17/2023	<b>Tank Owner:</b>	SHREE JIYA 17 LLC
<b>Product:</b>	PETRO	<b>Status Desc:</b>	
<b>Proj Mgr:</b>	DOLLCS	<b>Score:</b>	
<b>Status:</b>	3	<b>Rank:</b>	3BF
<b>Reported:</b>	10/27/1988		
<b>Rank Desc:</b>			
<b>Facility:</b>	CHEAPWAY #17		
<b>Facility Street:</b>	5200 TWO NOTCH RD		
<b>Facility City:</b>	COLUMBIA		
<b>Fac County:</b>	Richland		
<b>Facility Zip:</b>	29204-2918		
<b>Facility State:</b>	SC		

#### DHEC EFIS Data Details (Revised 9/5/2017)

<b>Release No:</b>	1
<b>Release Date:</b>	10/27/1988
<b>Project Mgr:</b>	WS
<b>Confirmed Date:</b>	4/14/1989
<b>Cleanup Comp Date:</b>	
<b>Cleanup Comp Mcl Dt:</b>	
<b>RP Name:</b>	HUBERT NULL
<b>RP Address:</b>	5200 TWO NOTCH RD
<b>RP City:</b>	COLUMBIA
<b>RP State:</b>	SC
<b>RP Zip:</b>	29204-2918
<b>SSTL Estab Cd:</b>	MR
<b>SCRBCA Class Cd:</b>	CLASS3BF
<b>Depth to GW:</b>	3.01
<b>GW Flow Dir Cod:</b>	SW
<b>Receptor Type Cd:</b>	MENDENHALL, JEFFERY E
<b>Rel Fin Type Cd:</b>	DEPT
<b>CoC Concentrate Cd:</b>	

<a href="#"><u>8</u></a>	2 of 2	SSE	0.33 / 1,717.32	259.32 / -7	CHEAPWAY #17 5200 TWO NOTCH RD COLUMBIA SC 29204-2918	RCR
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<b>Site ID:</b>	12194
<b>REL:</b>	1
<b>Tax Map ID:</b>	R14108-08-07
<b>Reported:</b>	10/27/88
<b>CU&gt;MCL:</b>	05/17/23
<b>Latitude:</b>	34.0463
<b>Longitude:</b>	-80.98829



Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<a href="#">9</a>	1 of 1	E	0.33 / 1,754.37	334.18 / 68	AKSHAR OF COLUMBIA 1005 FONTAINE RD COLUMBIA SC 29204-3017	LUST
<div> <div> <b>Permit:</b> R 09551  <b>Category:</b> Retail Sales  <b>No of Tanks:</b> 10  <b>Billable:</b> 1  <b>Abandoned:</b> 9  <b>Other:</b> 0  <b>Last Inspection:</b> 4/3/2023  <b>Facility:</b> AKSHAR OF COLUMBIA  <b>Facility Street:</b> 1005 FONTAINE RD  <b>Facilit City:</b> COLUMBIA  <b>Facility State :</b> SC  <b>Facility Zip:</b> 29204-3017  <b>County Code:</b> 40  <b>Fac County:</b>  <b>Operator Phone:</b> 803-851-1297  <b>Business Address:</b> 1005 FONTAINE RD  COLUMBIA SC 29204-3017  <b>Tank Owner Business Addr:</b> AKSHAR OF COLUMBIA LLC  113 PROFESSIONAL AVE  WEST COLUMBIA SC 29169  <b>Land Owner Business Addr:</b> AKSHAR OF COLUMBIA LLC  113 PROFESSIONAL AVE  WEST COLUMBIA SC 29169  <b>Operator Business Addr:</b> AKSHAR OF COLUMBIA LLC  1005 FONTAINE RD  COLUMBIA SC 29223-4549  <b>Facility Link:</b> <a href="https://apps.des.sc.gov/USTRegistry/Home/siteDetails?permitNumber=UST09551">https://apps.des.sc.gov/USTRegistry/Home/siteDetails?permitNumber=UST09551</a>  <b>Data Source:</b> SCDES Underground Storage Tank Registry (Web) (as of 2 Apr 2025); DHEC Confirmed Release Report (LUST) (as of 11 Dec 2024) </div> <div> <b>Site No (EFIS):</b>  <b>Facility Name (EFIS):</b>  <b>Fac Address (EFIS):</b>  <b>Facility City (EFIS):</b>  <b>Facility State (EFIS):</b>  <b>Facility Zip (EFIS):</b>  <b>Facility (Web):</b> AKSHAR OF COLUMBIA  <b>Address (Web):</b> 1005 FONTAINE RD  <b>City (Web):</b> COLUMBIA  <b>Zip Code (Web):</b> 29204-3017  <b>County (Web):</b> RICHLAND  <b>Phone (Web):</b> 000-000-0000  <b>Tank Owner Phone:</b> 803-743-5909  <b>Land Owner Phone:</b> 803-743-5909 </div> </div>						

#### DHEC Online Registry - Release Report

<b>Release No:</b>	0	<b>Project Manager:</b>	PLACE, DENISE M
<b>Source:</b>	UST	<b>Compliance Req:</b>	True
<b>Reported:</b>	4/8/2019	<b>Compliance Met:</b>	False
<b>Confirmed:</b>		<b>Compliance Date:</b>	
<b>RBCA/ Score:</b>	/	<b>Abatement Met:</b>	
<b>Responsible Party:</b>	NEEL KANTH OF COLUMBIA LLC	<b>NFA:</b>	4/29/2019
<b>Product:</b>		<b>Fin Type:</b>	
<b>Emergency Resp:</b>		<b>Fin Res Mechanism:</b>	
<b>Superb Qualified:</b>		<b>Cleanup MCL:</b>	
<b>Superb Determ Date:</b>		<b>Cleanup Initiated:</b>	
<b>Transferred:</b>		<b>Cleanup Complete:</b>	
<b>Release No:</b>	1	<b>Project Manager:</b>	PLACE, DENISE M
<b>Source:</b>	UST	<b>Compliance Req:</b>	True
<b>Reported:</b>	2/6/2014	<b>Compliance Met:</b>	False
<b>Confirmed:</b>	2/21/2014	<b>Compliance Date:</b>	
<b>RBCA/ Score:</b>	/	<b>Abatement Met:</b>	
<b>Responsible Party:</b>	NEEL KANTH OF COLUMBIA LLC	<b>NFA:</b>	2/21/2014
<b>Product:</b>		<b>Fin Type:</b>	
<b>Emergency Resp:</b>		<b>Fin Res Mechanism:</b>	
<b>Superb Qualified:</b>		<b>Cleanup MCL:</b>	
<b>Superb Determ Date:</b>		<b>Cleanup Initiated:</b>	2/21/2014
<b>Transferred:</b>		<b>Cleanup Complete:</b>	2/21/2014
<b>Release No:</b>	2	<b>Project Manager:</b>	PLACE, DENISE M
<b>Source:</b>	UST	<b>Compliance Req:</b>	True
<b>Reported:</b>	5/9/2002	<b>Compliance Met:</b>	False
<b>Confirmed:</b>	5/9/2002	<b>Compliance Date:</b>	
<b>RBCA/ Score:</b>	/	<b>Abatement Met:</b>	
<b>Responsible Party:</b>	NEEL KANTH OF COLUMBIA LLC	<b>NFA:</b>	5/9/2002
<b>Product:</b>		<b>Fin Type:</b>	
<b>Emergency Resp:</b>		<b>Fin Res Mechanism:</b>	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Superb Qualified: Superb Determ Date: Transferred:				Cleanup MCL: Cleanup Initiated: 5/9/2002 Cleanup Complete: 5/9/2002		
<u>DHEC Confirmed Release Report</u>						
Release No:	2				Confirmed:	5/9/2002
NFA:	5/9/2002				Tank Owner:	AKSHAR OF COLUMBIA LLC
Product:					Status Desc:	
Proj Mgr:	PLACEDM				Score:	
Status:					Rank:	
Reported:	5/9/2002					
Rank Desc:						
Facility:		AKSHAR OF COLUMBIA				
Facility Street:		1005 FONTAINE RD				
Facility City:		COLUMBIA				
Fac County:		Richland				
Facility Zip:		29204-3017				
Facility State:		SC				
Release No:	1				Confirmed:	2/21/2014
NFA:	2/21/2014				Tank Owner:	AKSHAR OF COLUMBIA LLC
Product:					Status Desc:	
Proj Mgr:	PLACEDM				Score:	
Status:					Rank:	
Reported:	2/6/2014					
Rank Desc:						
Facility:		AKSHAR OF COLUMBIA				
Facility Street:		1005 FONTAINE RD				
Facility City:		COLUMBIA				
Fac County:		Richland				
Facility Zip:		29204-3017				
Facility State:		SC				
<a href="#">10</a>	1 of 1	ENE	0.34 / 1,782.73	342.09 / 76	SMITH PROPERTIES MINE RICHLAND COUNTY COLUMBIA SC 29223	MRDS
Dep ID:	10089906				I1:	27
Dev Status:	PAST PRODUCER				Latitude:	34.054504
Code List:	SDG				Longitude:	-80.98291
Url:	http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10089906					
<u>Commodity</u>						
I1:	18				Line:	1
Code:	SDG				Inserted By:	woodruff
Commodity:	Sand and Gravel, Cons				Insert Date:	20-OCT-2003 11:34:38
Commodity Type:	Non-metallic				Updated By:	
Commodity Group:	Sand and Gravel				Update Date:	
Importance:	Primary					
<u>Materials</u>						
I1:	17				Inserted B:	woodruff
Material:	Sand				Insert Dat:	20-OCT-2003 11:35:4
Ore or Gangue:	Ore				Updated By:	
Rec:	1				Update Dat:	
<u>Names</u>						
I1:	14				Inserted By:	woodruff
Status:	Current				Insert Date:	20-OCT-03



Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Site Name: Line:	Smith Properties Mine 1				Updated By: Update Date:	

<a href="#">11</a>	1 of 2	SSE	0.35 / 1,823.99	248.90 / -17	JK MART 5102 TWO NOTCH RD COLUMBIA SC 29204-3212	LUST
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Permit:	P 12760	Site No (EFIS):	UST-12760
Category:	Retail Sales	Facility Name (EFIS):	JK MART
No of Tanks:	9	Fac Address (EFIS):	5102 TWO NOTCH RD
Billable:	6	Facility City (EFIS):	COLUMBIA
Abandoned:	3	Facility State (EFIS):	SC
Other:	0	Facility Zip (EFIS):	29204-3212
Last Inspection:	8/30/2024	Facility (Web):	JK MART
Facility:	JK MART	Address (Web):	5102 TWO NOTCH RD
Facility Street:	5102 TWO NOTCH RD	City (Web):	COLUMBIA
Facilit City:	COLUMBIA	Zip Code (Web):	29204-3212
Facility State :	SC	County (Web):	RICHLAND
Facility Zip:	29204-3212	Phone (Web):	803-786-7735
County Code:	40	Tank Owner Phone:	267-306-7233
Fac County:		Land Owner Phone:	267-306-7233
Operator Phone:	267-306-7233		
Business Address:	5102 TWO NOTCH RD COLUMBIA SC 29204-3212		
Tank Owner Business Addr:	KR CORPORATION OF SOUTH CAROLINA 221 TRADITIONS CIR COLUMBIA SC 29229		
Land Owner Business Addr:	KR CORPORATION OF SOUTH CAROLINA 221 TRADITIONS CIR COLUMBIA SC 29229		
Operator Business Addr:	PATEL, KRUPALKUMAR R 221 TRADITIONS CIR COLUMBIA SC 29229		
Facility Link:	<a href="https://apps.des.sc.gov/USTRegistry/Home/siteDetails?permitNumber=UST12760">https://apps.des.sc.gov/USTRegistry/Home/siteDetails?permitNumber=UST12760</a>		
Data Source:	SCDES Underground Storage Tank Registry (Web) (as of 2 Apr 2025); DHEC Confirmed Release Report (LUST) (as of 11 Dec 2024); DHEC LUST Data (EFIS) (as of 5 Sep 2017)		

#### DHEC Online Registry - Release Report

Release No:	0	Project Manager:	PLACE, DENISE M
Source:	UST	Compliance Req:	True
Reported:	7/3/2017	Compliance Met:	False
Confirmed:		Compliance Date:	
RBCA/ Score:	/	Abatement Met:	
Responsible Party:	KR CORPORATION OF SOUTH CAROLINA	NFA:	7/6/2017
Product:		Fin Type:	
Emergency Resp:		Fin Res Mechanism:	
Superb Qualified:		Cleanup MCL:	
Superb Determ Date:		Cleanup Initiated:	
Transferred:		Cleanup Complete:	
Release No:	1	Project Manager:	FULMER, SUSAN B
Source:	UST	Compliance Req:	True
Reported:	8/2/2001	Compliance Met:	True
Confirmed:	8/28/2001	Compliance Date:	8/28/2001
RBCA/ Score:	3BD - Sensitive habitat < 500 feet / 108	Abatement Met:	
Responsible Party:	BROWN, MARY L	NFA:	12/17/2008
Product:	Petroleum	Fin Type:	With SUPERB
Emergency Resp:		Fin Res Mechanism:	
Superb Qualified:		Cleanup MCL:	12/17/2008
Superb Determ Date:		Cleanup Initiated:	8/24/2003
Transferred:		Cleanup Complete:	

#### DHEC Confirmed Release Report

Release No:	1	Confirmed:	8/28/2001
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
NFA:	12/17/2008				Tank Owner:	KR CORPORATION OF SOUTH CAROLINA
Product:	PETROL				Status Desc:	
Proj Mgr:	FULMERSB				Score:	
Status:	3				Rank:	3BD
Reported:	8/2/2001					
Rank Desc:						
Facility:	JK MART					
Facility Street:	5102 TWO NOTCH RD					
Facility City:	COLUMBIA					
Fac County:	Richland					
Facility Zip:	29204-3212					
Facility State:	SC					

**DHEC EFIS Data Details (Revised 9/5/2017)**

Release No: 1  
 Release Date: 8/2/2001  
 Project Mgr: WS  
 Confirmed Date: 8/28/2001  
 Cleanup Comp Date:  
 Cleanup Comp Mcl Dt: 12/17/2008  
 RP Name: MARY L BROWN  
 RP Address: 100 OLD STILL RD W  
 RP City: COLUMBIA  
 RP State: SC  
 RP Zip: 29223-3038  
 SSTL Estab Cd: MR  
 SCRBCA Class Cd: CLASS3BD  
 Depth to GW: 6.18  
 GW Flow Dir Cod: S  
 Receptor Type Cd: FULMER, SUSAN B  
 Rel Fin Type Cd: DEPT  
 CoC Concentrate Cd:

<a href="#">11</a>	2 of2	SSE	0.35 / 1,823.99	248.90 / -17	JK MART 5102 TWO NOTCH RD COLUMBIA SC 29204-3212	RCR
Site ID:	12760					
REL:	1					
Tax Map ID:	R14107-04-56					
Reported:	08/02/01					
CU>MCL:	12/17/08					
Latitude:	34.04542					
Longitude:	-80.98911					

<a href="#">12</a>	1 of2	ESE	0.37 / 1,977.97	321.61 / 56	GULF SERVICE STATION 5314 TWO NOTCH RD COLUMBIA SC 29204-2916	LUST
Permit:	N 07619			Site No (EFIS):	UST-07619	
Category:				Facility Name (EFIS):	GULF SERVICE STATION	
No of Tanks:	3			Fac Address (EFIS):	5314 TWO NOTCH RD	
Billable:	0			Facility City (EFIS):	COLUMBIA	
Abandoned:	3			Facility State (EFIS):	SC	
Other:	0			Facility Zip (EFIS):	29204-2916	
Last Inspection:				Facility (Web):	GULF SERVICE STATION	
Facility:	GULF SERVICE STATION			Address (Web):	5314 TWO NOTCH RD	
Facility Street:	5314 TWO NOTCH RD			City (Web):	COLUMBIA	
Facility City:	COLUMBIA			Zip Code (Web):	29204-2916	
Facility State :	SC			County (Web):	RICHLAND	
Facility Zip:	29204-2916			Phone (Web):		
County Code:	40			Tank Owner Phone:	770-576-3082	
Fac County:				Land Owner Phone:		
Operator Phone:						



Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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<b>Business Address:</b>	5314 TWO NOTCH RD COLUMBIA SC 29204-2916
<b>Tank Owner Business Addr:</b>	BP OIL INC ALPHARETTA GA 30004-4811
<b>Land Owner Business Addr:</b>	
<b>Operator Business Addr:</b>	
<b>Facility Link:</b>	<a href="https://apps.des.sc.gov/USTRegistry/Home/siteDetails?permitNumber=UST07619">https://apps.des.sc.gov/USTRegistry/Home/siteDetails?permitNumber=UST07619</a>
<b>Data Source:</b>	SCDES Underground Storage Tank Registry (Web) (as of 2 Apr 2025); DHEC Confirmed Release Report (LUST) (as of 11 Dec 2024); DHEC LUST Data (EFIS) (as of 5 Sep 2017)

**DHEC Online Registry - Release Report**

<b>Release No:</b>	1	<b>Project Manager:</b>	FULMER, SUSAN B
<b>Source:</b>	UST	<b>Compliance Req:</b>	True
<b>Reported:</b>	1/25/2005	<b>Compliance Met:</b>	True
<b>Confirmed:</b>	2/14/2005	<b>Compliance Date:</b>	2/14/2005
<b>RBCA/ Score:</b>	3BF - GW < 15 feet in sand or gravel / 1556	<b>Abatement Met:</b>	4/29/1987
<b>Responsible Party:</b>	BP OIL INC	<b>NFA:</b>	9/7/2006
<b>Product:</b>	Petroleum	<b>Fin Type:</b>	With SUPERB
<b>Emergency Resp:</b>		<b>Fin Res Mechanism:</b>	
<b>Superb Qualified:</b>	True	<b>Cleanup MCL:</b>	9/7/2006
<b>Superb Determ Date:</b>		<b>Cleanup Initiated:</b>	10/3/2005
<b>Transferred:</b>		<b>Cleanup Complete:</b>	

**DHEC Confirmed Release Report**

<b>Release No:</b>	1	<b>Confirmed:</b>	2/14/2005
<b>NFA:</b>	9/7/2006	<b>Tank Owner:</b>	BP OIL INC
<b>Product:</b>	PETROL	<b>Status Desc:</b>	
<b>Proj Mgr:</b>	FULMERSB	<b>Score:</b>	
<b>Status:</b>	3	<b>Rank:</b>	3BF
<b>Reported:</b>	1/25/2005		
<b>Rank Desc:</b>			
<b>Facility:</b>	GULF SERVICE STATION		
<b>Facility Street:</b>	5314 TWO NOTCH RD		
<b>Facility City:</b>	COLUMBIA		
<b>Fac County:</b>	Richland		
<b>Facility Zip:</b>	29204-2916		
<b>Facility State:</b>	SC		

**DHEC EFIS Data Details (Revised 9/5/2017)**

<b>Release No:</b>	1
<b>Release Date:</b>	1/25/2005
<b>Project Mgr:</b>	WS
<b>Confirmed Date:</b>	2/14/2005
<b>Cleanup Comp Date:</b>	
<b>Cleanup Comp Mcl Dt:</b>	9/7/2006
<b>RP Name:</b>	BP OIL INC
<b>RP Address:</b>	
<b>RP City:</b>	ALPHARETTA
<b>RP State:</b>	GA
<b>RP Zip:</b>	30004-4811
<b>SSTL Estab Cd:</b>	MR
<b>SCRBCA Class Cd:</b>	CLASS3BF
<b>Depth to GW:</b>	8.97
<b>GW Flow Dir Cod:</b>	SW
<b>Receptor Type Cd:</b>	FULMER, SUSAN B
<b>Rel Fin Type Cd:</b>	DEPT
<b>CoC Concentrate Cd:</b>	

<a href="#">12</a>	2 of2	ESE	0.37 / 1,977.97	321.61 / 56	GULF SERVICE STATION 5314 TWO NOTCH RD COLUMBIA SC 29204-2916	RCR
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Site ID:		07619				
REL:		1				
Tax Map ID:		R14108-06-01				
Reported:		01/25/05				
CU>MCL:		09/07/06				
Latitude:		34.04913				
Longitude:		-80.98504				

<b>13</b>	<b>1 of 1</b>	<b>NW</b>	<b>0.44 / 2,321.31</b>	<b>311.08 / 45</b>	<b>B&amp;W LUMBER CO INC 5934 FARROW RD COLUMBIA SC 29203</b>	<b>LUST</b>
Permit:	P 07575				Site No (EFIS):	
Category:					Facility Name (EFIS):	
No of Tanks:	2				Fac Address (EFIS):	
Billable:	0				Facility City (EFIS):	
Abandoned:	2				Facility State (EFIS):	
Other:	0				Facility Zip (EFIS):	
Last Inspection:	8/31/2012				Facility (Web):	B&W LUMBER CO INC
Facility:	B&W LUMBER CO INC				Address (Web):	5934 FARROW RD
Facility Street:	5934 FARROW RD				City (Web):	COLUMBIA
Facilit City:	COLUMBIA				Zip Code (Web):	29203
Facility State :	SC				County (Web):	RICHLAND
Facility Zip:	29203				Phone (Web):	803-754-1993
County Code:	40				Tank Owner Phone:	803-754-1993
Fac County:					Land Owner Phone:	803-754-1993
Operator Phone:						
Business Address:	5934 FARROW RD COLUMBIA SC 29203					
Tank Owner Business Addr:	B&W LUMBER CO INC 5934 FARROW RD COLUMBIA SC 29203					
Land Owner Business Addr:	B&W LUMBER CO INC 5934 FARROW RD COLUMBIA SC 29203					
Operator Business Addr:						
Facility Link:	<a href="https://apps.des.sc.gov/USTRegistry/Home/siteDetails?permitNumber=UST07575">https://apps.des.sc.gov/USTRegistry/Home/siteDetails?permitNumber=UST07575</a>					
Data Source:	SCDES Underground Storage Tank Registry (Web) (as of 2 Apr 2025); DHEC Confirmed Release Report (LUST) (as of 11 Dec 2024)					

#### DHEC Online Registry - Release Report

Release No:	1	Project Manager:	PLACE, DENISE M
Source:	UST	Compliance Req:	True
Reported:	9/5/2014	Compliance Met:	False
Confirmed:	9/8/2014	Compliance Date:	
RBCA/ Score:	/	Abatement Met:	
Responsible Party:	B&W LUMBER CO INC	NFA:	9/8/2014
Product:		Fin Type:	
Emergency Resp:		Fin Res Mechanism:	
Superb Qualified:		Cleanup MCL:	
Superb Determ Date:		Cleanup Initiated:	9/8/2014
Transferred:		Cleanup Complete:	9/8/2014
Release No:	0	Project Manager:	WHITE, JIM
Source:		Compliance Req:	False
Reported:	4/28/1994	Compliance Met:	False
Confirmed:		Compliance Date:	
RBCA/ Score:	/	Abatement Met:	
Responsible Party:		NFA:	9/20/1994
Product:		Fin Type:	
Emergency Resp:		Fin Res Mechanism:	
Superb Qualified:		Cleanup MCL:	
Superb Determ Date:		Cleanup Initiated:	
Transferred:		Cleanup Complete:	



Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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#### DHEC Confirmed Release Report

Release No:	1	Confirmed:	9/8/2014
NFA:	9/8/2014	Tank Owner:	B&W LUMBER CO INC
Product:		Status Desc:	
Proj Mgr:	PLACEDM	Score:	
Status:		Rank:	
Reported:	9/5/2014		
Rank Desc:			
Facility:	B&W LUMBER CO INC		
Facility Street:	5934 FARROW RD		
Facility City:	COLUMBIA		
Fac County:	Richland		
Facility Zip:	29203		
Facility State:	SC		

<a href="#">14</a>	1 of 1	E	0.44 / 2,338.90	385.30 / 119	AT&T COMMUNICATIONS SC4002 5623 TWO NOTCH RD COLUMBIA SC 29223	LUST
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Permit:	N 07472	Site No (EFIS):	
Category:		Facility Name (EFIS):	
No of Tanks:	1	Fac Address (EFIS):	
Billable:	0	Facility City (EFIS):	
Abandoned:	1	Facility State (EFIS):	
Other:	0	Facility Zip (EFIS):	
Last Inspection:		Facility (Web):	AT&T COMMUNICATIONS SC4002
Facility:		Address (Web):	5623 TWO NOTCH RD
Facility Street:		City (Web):	COLUMBIA
Facility City:		Zip Code (Web):	29223
Facility State :		County (Web):	RICHLAND
Facility Zip:		Phone (Web):	
County Code:	40	Tank Owner Phone:	214-464-1716
Fac County:		Land Owner Phone:	
Operator Phone:			
Business Address:	5623 TWO NOTCH RD COLUMBIA SC 29223		
Tank Owner Business Addr:	AT&T CORPORATION 308 S AKARD ST RM 1700 DALLAS TX 75202		
Land Owner Business Addr:			
Operator Business Addr:			
Facility Link:	<a href="https://apps.des.sc.gov/USTRegistry/Home/siteDetails?permitNumber=UST07472">https://apps.des.sc.gov/USTRegistry/Home/siteDetails?permitNumber=UST07472</a>		
Data Source:	SCDES Underground Storage Tank Registry (Web) (as of 2 Apr 2025)		

#### DHEC Online Registry - Release Report

Release No:	0	Project Manager:	WHITE, JIM
Source:		Compliance Req:	False
Reported:	1/1/1991	Compliance Met:	False
Confirmed:		Compliance Date:	
RBCA/ Score:	/	Abatement Met:	
Responsible Party:		NFA:	6/25/1993
Product:		Fin Type:	
Emergency Resp:		Fin Res Mechanism:	
Superb Qualified:		Cleanup MCL:	
Superb Determ Date:		Cleanup Initiated:	
Transferred:		Cleanup Complete:	

<a href="#">15</a>	1 of 1	NNW	0.46 / 2,454.88	327.95 / 62	GAZ BAH 5 CONV STORE 6201 FARROW RD COLUMBIA SC 29203-4903	LUST
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Permit:	R 07875	Site No (EFIS):	
Category:	Retail Sales	Facility Name (EFIS):	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
No of Tanks:	5				Fac Address (EFIS):	
Billable:	5				Facility City (EFIS):	
Abandoned:	0				Facility State (EFIS):	
Other:	0				Facility Zip (EFIS):	
Last Inspection:	10/23/2024				Facility (Web):	GAZ BAH 5 CONV STORE
Facility:	GAZ BAH 5 CONV STORE				Address (Web):	6201 FARROW RD
Facility Street:	6201 FARROW RD				City (Web):	COLUMBIA
Facilit City:	COLUMBIA				Zip Code (Web):	29203-4903
Facility State :	SC				County (Web):	RICHLAND
Facility Zip:	29203-4903				Phone (Web):	803-786-6368
County Code:	40				Tank Owner Phone:	803-256-0667
Fac County:					Land Owner Phone:	803-256-0667
Operator Phone:						
Business Address:	6201 FARROW RD					
	COLUMBIA SC 29203-4903					
Tank Owner Business Addr:	KEENAN ENERGY CO					
	3923 W BELTLINE BLVD					
	COLUMBIA SC 29204-1503					
Land Owner Business Addr:	KEENAN ENERGY CO					
	3923 W BELTLINE BLVD					
	COLUMBIA SC 29204-1503					
Operator Business Addr:						
Facility Link:	https://apps.des.sc.gov/USTRegistry/Home/siteDetails?permitNumber=UST07875					
Data Source:	SCDES Underground Storage Tank Registry (Web) (as of 2 Apr 2025); DHEC Confirmed Release Report (LUST) (as of 11 Dec 2024)					

#### DHEC Online Registry - Release Report

Release No:	0	Project Manager:	PLACE, DENISE M
Source:	UST	Compliance Req:	True
Reported:	7/24/2020	Compliance Met:	False
Confirmed:		Compliance Date:	
RBCA/ Score:	/	Abatement Met:	
Responsible Party:	KEENAN ENERGY CO	NFA:	7/29/2020
Product:		Fin Type:	
Emergency Resp:		Fin Res Mechanism:	
Superb Qualified:		Cleanup MCL:	
Superb Determ Date:		Cleanup Initiated:	
Transferred:		Cleanup Complete:	
Release No:	1	Project Manager:	SAMPLE-HILERIO, JEYMARIS
Source:	UST	Compliance Req:	True
Reported:	10/15/2020	Compliance Met:	True
Confirmed:	11/10/2020	Compliance Date:	11/9/2020
RBCA/ Score:	4AA - Long term > 2 yr threat / 263	Abatement Met:	10/15/2020
Responsible Party:	KEENAN ENERGY CO	NFA:	
Product:	Petroleum	Fin Type:	With SUPERB
Emergency Resp:		Fin Res Mechanism:	SELF101
Superb Qualified:	True	Cleanup MCL:	
Superb Determ Date:		Cleanup Initiated:	3/31/2021
Transferred:		Cleanup Complete:	

#### DHEC Confirmed Release Report

Release No:	1	Confirmed:	11/10/2020
NFA:		Tank Owner:	KEENAN ENERGY CO
Product:	PETROL	Status Desc:	
Proj Mgr:	SAMPLEJ	Score:	
Status:	1	Rank:	4AA
Reported:	10/15/2020		
Rank Desc:			
Facility:	GAZ BAH 5 CONV STORE		
Facility Street:	6201 FARROW RD		
Facility City:	COLUMBIA		
Fac County:	Richland		
Facility Zip:	29203-4903		
Facility State:	SC		



Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<a href="#">16</a>	1 of 1	ESE	0.47 / 2,486.81	274.77 / 9	YOUNGS 24 PINESTRAW LN COLUMBIA SC 29260-6805	RCR
<b>Site ID:</b> 07859 <b>REL:</b> 1 <b>Tax Map ID:</b> R14108-04-09 <b>Reported:</b> 06/29/93 <b>CU&gt;MCL:</b> 01/30/03 <b>Latitude:</b> 34.0485 <b>Longitude:</b> -80.98344						
<a href="#">17</a>	1 of 1	ENE	0.49 / 2,599.11	411.17 / 145	CAROLINA DRYWALL INSULATORS 5729 SHAKESPEARE RD COLUMBIA SC 29223-7207	LUST
<b>Permit:</b> N 11552 <b>Category:</b> <b>No of Tanks:</b> 2 <b>Billable:</b> 0 <b>Abandoned:</b> 2 <b>Other:</b> 0 <b>Last Inspection:</b> 1/7/1999 <b>Facility:</b> CAROLINA DRYWALL INSULATORS <b>Facility Street:</b> 5729 SHAKESPEARE RD <b>Facilit City:</b> COLUMBIA <b>Facility State :</b> SC <b>Facility Zip:</b> 29223-7207 <b>County Code:</b> 40 <b>Fac County:</b> <b>Operator Phone:</b> <b>Business Address:</b> 5729 SHAKESPEARE RD COLUMBIA SC 29223-7207 <b>Tank Owner Business Addr:</b> CAROLINA DRYWALL INSULATORS 129 PARKSHORE W COLUMBIA SC 29223 <b>Land Owner Business Addr:</b> <b>Operator Business Addr:</b> <b>Facility Link:</b> <a href="https://apps.des.sc.gov/USTRegistry/Home/siteDetails?permitNumber=UST11552">https://apps.des.sc.gov/USTRegistry/Home/siteDetails?permitNumber=UST11552</a> <b>Data Source:</b> SCDES Underground Storage Tank Registry (Web) (as of 2 Apr 2025); DHEC Confirmed Release Report (LUST) (as of 11 Dec 2024); DHEC LUST Data (EFIS) (as of 5 Sep 2017)						
<b>Site No (EFIS):</b> UST-11552 <b>Facility Name (EFIS):</b> CAROLINA DRYWALL INSULATORS <b>Fac Address (EFIS):</b> 5729 SHAKESPEARE RD <b>Facility City (EFIS):</b> COLUMBIA <b>Facility State (EFIS):</b> SC <b>Facility Zip (EFIS):</b> 29223-7207 <b>Facility (Web):</b> CAROLINA DRYWALL INSULATORS <b>Address (Web):</b> 5729 SHAKESPEARE RD <b>City (Web):</b> COLUMBIA <b>Zip Code (Web):</b> 29223-7207 <b>County (Web):</b> RICHLAND <b>Phone (Web):</b> <b>Tank Owner Phone:</b> 803-788-0150 <b>Land Owner Phone:</b>						

#### DHEC Online Registry - Release Report

<b>Release No:</b>	1	<b>Project Manager:</b>	SHRADER, ART A
<b>Source:</b>	UST	<b>Compliance Req:</b>	True
<b>Reported:</b>	3/29/1999	<b>Compliance Met:</b>	True
<b>Confirmed:</b>	3/29/1999	<b>Compliance Date:</b>	
<b>RBCA/ Score:</b>	4AA - Long term > 2 yr threat / 3	<b>Abatement Met:</b>	12/23/1998
<b>Responsible Party:</b>	CAROLINA DRYWALL INSULATORS	<b>NFA:</b>	9/14/2006
<b>Product:</b>		<b>Fin Type:</b>	With SUPERB
<b>Emergency Resp:</b>		<b>Fin Res Mechanism:</b>	
<b>Superb Qualified:</b>		<b>Cleanup MCL:</b>	
<b>Superb Determ Date:</b>		<b>Cleanup Initiated:</b>	4/26/1999
<b>Transferred:</b>		<b>Cleanup Complete:</b>	6/28/2006

#### DHEC Confirmed Release Report

<b>Release No:</b>	1	<b>Confirmed:</b>	3/29/1999
<b>NFA:</b>	9/14/2006	<b>Tank Owner:</b>	CAROLINA DRYWALL INSULATORS
<b>Product:</b>	PETRO	<b>Status Desc:</b>	
<b>Proj Mgr:</b>	SHRADEAA	<b>Score:</b>	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Status:	8			Rank:	4AA	
Reported:	3/29/1999					
Rank Desc:						
Facility:		CAROLINA DRYWALL INSULATORS				
Facility Street:		5729 SHAKESPEARE RD				
Facility City:		COLUMBIA				
Fac County:		Richland				
Facility Zip:		29223-7207				
Facility State:		SC				

#### DHEC EFIS Data Details (Revised 9/5/2017)

Release No: 1  
 Release Date: 3/29/1999  
 Project Mgr: WS  
 Confirmed Date: 3/29/1999  
 Cleanup Comp Date: 6/28/2006  
 Cleanup Comp Mcl Dt:  
 RP Name: CAROLINA DRYWALL INSULATORS  
 RP Address: 129 PARKSHORE W  
 RP City: COLUMBIA  
 RP State: SC  
 RP Zip: 29223  
 SSTL Estab Cd: MR  
 SCRBCA Class Cd: CLASS4AA  
 Depth to GW: 119  
 GW Flow Dir Cod: S  
 Receptor Type Cd: SHRADER, ART A  
 Rel Fin Type Cd: TIER II  
 CoC Concentrate Cd:

<u>18</u>	1 of 1	E	0.49 / 2,603.11	387.58 / 122	LEXUS OF COLUMBIA 5717 TWO NOTCH RD COLUMBIA SC 29223	LUST
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Permit:	N 07451	Site No (EFIS):	
Category:		Facility Name (EFIS):	
No of Tanks:	2	Fac Address (EFIS):	
Billable:	0	Facility City (EFIS):	
Abandoned:	2	Facility State (EFIS):	
Other:	0	Facility Zip (EFIS):	
Last Inspection:		Facility (Web):	LEXUS OF COLUMBIA
Facility:		Address (Web):	5717 TWO NOTCH RD
Facility Street:		City (Web):	COLUMBIA
Facilit City:		Zip Code (Web):	29223
Facility State :		County (Web):	RICHLAND
Facility Zip:		Phone (Web):	
County Code:	40	Tank Owner Phone:	803-786-2010
Fac County:		Land Owner Phone:	
Operator Phone:			
Business Address:	5717 TWO NOTCH RD COLUMBIA SC 29223		
Tank Owner Business Addr:	DICK DYER & ASSOCIATES 5717 TWO NOTCH RD COLUMBIA SC 29223		
Land Owner Business Addr:			
Operator Business Addr:			
Facility Link:	<a href="https://apps.des.sc.gov/USTRegistry/Home/siteDetails?permitNumber=UST07451">https://apps.des.sc.gov/USTRegistry/Home/siteDetails?permitNumber=UST07451</a>		
Data Source:	SCDES Underground Storage Tank Registry (Web) (as of 2 Apr 2025)		

#### DHEC Online Registry - Release Report

Release No:	0	Project Manager:	ELAM, JULIE M
Source:		Compliance Req:	False
Reported:	8/19/1993	Compliance Met:	False
Confirmed:		Compliance Date:	



<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
<i>RBCA/ Score:</i>	/				<i>Abatement Met:</i>	
<i>Responsible Party:</i>					<i>NFA:</i>	9/7/1993
<i>Product:</i>					<i>Fin Type:</i>	
<i>Emergency Resp:</i>					<i>Fin Res Mechanism:</i>	
<i>Superb Qualified:</i>					<i>Cleanup MCL:</i>	
<i>Superb Determ Date:</i>					<i>Cleanup Initiated:</i>	
<i>Transferred:</i>					<i>Cleanup Complete:</i>	

## Unplottable Summary

Total: 5 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
DELISTED LST	TWOACRE ANNEX TMS 228070107	TWO NOTCH RD	COLUMBIA SC		875013968
DELISTED LST	CAR SPA FACILITY	TWO NOTCH RD	COLUMBIA SC		875014276
LUST	YOUNGS 24	PINESTRAW LN <i>Permit: N 07859</i> <i>NFA: 1/30/2003</i>	COLUMBIA SC	29260-6805	822811308
SASPL	DIAMONT BOART AMERICA	TWO NOTCH RD, COLUMBIA SC 29223	SC		820406759
SASPL	FN MANUFACTURING	TWO NOTCH RD, COLUMBIA SC 29223	SC		820406997



# Unplottable Report

**Site:** TWOACRE ANNEX TMS 228070107  
TWO NOTCH RD COLUMBIA SC

DELISTED LST

## Delisted Leaking Above Ground Storage Tanks Details

**Site ID:** 1302  
**Release No:** 1  
**Project Manager:** WRIGHT JOHN  
**Status:** CLOSED  
**Impacted Code:** NO  
**Type:**  
**Release Date:** 4/23/1999  
**Confirmed:**  
**NFA Dt:** 7/16/1999  
**Transfer:**  
**Product:**  
**Source:**  
**Tier:**  
**Truncated Note:**  
**Soil Impact Code:**  
**User Name:** WRIGHTJW  
**Release Xfer Date:**  
**Suspect NFA Date:** 7/16/1999  
**Release Source Code:**  
**Cleanup Complete Dt:**  
**Local Fac Last Name:** TWOACRE ANNEX TMS 228070107  
**Local Fac First Name:**  
**Address 2:**  
**State Code:** SC  
**County:** Richland  
**Zip Code:** 29  
**Local Fac County:** 40  
**District Code:** 5  
**Rp Identifier 1:**  
**Rp Identifier 2:**  
**Product 2:**  
**Product 3:**  
**Product 4:**  
**Source 2:**  
**Source 3:**  
**Source 4:**  
**Original Source:** LAST  
**Record Date:** 02-DEC-2019

**Site:** CAR SPA FACILITY  
TWO NOTCH RD COLUMBIA SC

DELISTED LST

## Delisted Leaking Above Ground Storage Tanks Details

**Site ID:** 1430  
**Release No:** 1  
**Project Manager:** TRENT JAN C  
**Status:** CLOSED  
**Impacted Code:** NO  
**Type:**  
**Release Date:** 1/7/2000  
**Confirmed:**

**NFA Dt:** 2/29/2000  
**Transfer:**  
**Product:**  
**Source:**  
**Tier:**  
**Truncated Note:**  
**Soil Impact Code:**  
**User Name:** TRENTJC  
**Release Xfer Date:**  
**Suspect NFA Date:** 2/29/2000  
**Release Source Code:**  
**Cleanup Complete Dt:**  
**Local Fac Last Name:** CAR SPA FACILITY  
**Local Fac First Name:**  
**Address 2:**  
**State Code:** SC  
**County:** Richland  
**Zip Code:** 2920  
**Local Fac County:** 40  
**District Code:** 5  
**Rp Identifier 1:** RICHARDSON  
**Rp Identifier 2:** ROBERT  
**Product 2:**  
**Product 3:**  
**Product 4:**  
**Source 2:**  
**Source 3:**  
**Source 4:**  
**Original Source:** LAST  
**Record Date:** 02-DEC-2019

**Site:** **YOUNGS 24**  
**PINESTRAW LN COLUMBIA SC 29260-6805**

LUST

<b>Permit:</b>	N 07859	<b>Site No (EFIS):</b>	UST-07859
<b>Category:</b>	Retail Sales	<b>Facility Name (EFIS):</b>	YOUNGS 24
<b>No of Tanks:</b>	2	<b>Fac Address (EFIS):</b>	PINESTRAW LN
<b>Billable:</b>	0	<b>Facility City (EFIS):</b>	COLUMBIA
<b>Abandoned:</b>	2	<b>Facility State (EFIS):</b>	SC
<b>Other:</b>	0	<b>Facility Zip (EFIS):</b>	29260-6805
<b>Last Inspection:</b>		<b>Facility (Web):</b>	YOUNGS 24
<b>Facility:</b>	YOUNGS 24	<b>Address (Web):</b>	PINESTRAW LN
<b>Facility Street:</b>	PINESTRAW LN	<b>City (Web):</b>	COLUMBIA
<b>Facilit City:</b>	COLUMBIA	<b>Zip Code (Web):</b>	29260-6805
<b>Facility State :</b>	SC	<b>County (Web):</b>	RICHLAND
<b>Facility Zip:</b>	29260-6805	<b>Phone (Web):</b>	-
<b>County Code:</b>	40	<b>Tank Owner Phone:</b>	803-252-0013
<b>Fac County:</b>		<b>Land Owner Phone:</b>	803-779-2810
<b>Operator Phone:</b>			
<b>Business Address:</b>	PINESTRAW LN COLUMBIA SC 29260-6805		
<b>Tank Owner Business Addr:</b>	BERNSTEIN, ARNOLD PO BOX 6805 COLUMBIA SC 29260-6805		
<b>Land Owner Business Addr:</b>	MORRIS, DEBRA 3030 STOCKMAN TRAIL ELGIN SC 29045		
<b>Operator Business Addr:</b>			
<b>Facility Link:</b>	<a href="https://apps.des.sc.gov/USTRegistry/Home/siteDetails?permitNumber=UST07859">https://apps.des.sc.gov/USTRegistry/Home/siteDetails?permitNumber=UST07859</a>		
<b>Data Source:</b>	SCDES Underground Storage Tank Registry (Web) (as of 2 Apr 2025); DHEC Confirmed Release Report (LUST) (as of 11 Dec 2024); DHEC LUST Data (EFIS) (as of 5 Sep 2017)		

#### **DHEC Online Registry - Release Report**

<b>Release No:</b>	1	<b>Project Manager:</b>	THOMA, DEBRA L
<b>Source:</b>	UST	<b>Compliance Req:</b>	False
<b>Reported:</b>	6/29/1993	<b>Compliance Met:</b>	False
<b>Confirmed:</b>	4/13/1995	<b>Compliance Date:</b>	
<b>RBCA/ Score:</b>	3BF - GW < 15 feet in sand or gravel / 20	<b>Abatement Met:</b>	6/11/1993



**Responsible Party:** BERNSTEIN, ARNOLD  
**Product:**  
**Emergency Resp:**  
**Superb Qualified:**  
**Superb Determ Date:**  
**Transferred:**

**NFA:** 1/30/2003  
**Fin Type:** DHEC SUPERB  
**Fin Res Mechanism:**  
**Cleanup MCL:** 1/30/2003  
**Cleanup Initiated:** 11/11/1996  
**Cleanup Complete:**

**DHEC Confirmed Release Report**

<b>Release No:</b>	1	<b>Confirmed:</b>	4/13/1995
<b>NFA:</b>	1/30/2003	<b>Tank Owner:</b>	ARNOLD BERNSTEIN
<b>Product:</b>	PETRO	<b>Status Desc:</b>	
<b>Proj Mgr:</b>	THOMADL	<b>Score:</b>	
<b>Status:</b>	7	<b>Rank:</b>	3BF
<b>Reported:</b>	6/29/1993		
<b>Rank Desc:</b>			
<b>Facility:</b>	YOUNGS 24		
<b>Facility Street:</b>	PINESTRAW LN		
<b>Facility City:</b>	COLUMBIA		
<b>Fac County:</b>	Richland		
<b>Facility Zip:</b>	29260-6805		
<b>Facility State:</b>	SC		

**DHEC EFIS Data Details (Revised 9/5/2017)**

**Release No:** 1  
**Release Date:** 6/29/1993  
**Project Mgr:** DS  
**Confirmed Date:** 4/13/1995  
**Cleanup Comp Date:**  
**Cleanup Comp Mcl Dt:** 1/30/2003  
**RP Name:** ARNOLD BERNSTEIN  
**RP Address:** PO BOX 6805  
**RP City:** COLUMBIA  
**RP State:** SC  
**RP Zip:** 29260-6805  
**SSTL Etab Cd:** MR  
**SCRBCA Class Cd:** CLASS3BF  
**Depth to GW:** 6  
**GW Flow Dir Cod:** S  
**Receptor Type Cd:** THOMA, DEBRA L  
**Rel Fin Type Cd:** TIER I  
**CoC Concentrate Cd:**

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**Site:** **DIAMONT BOART AMERICA**  
**TWO NOTCH RD, COLUMBIA SC 29223 SC**

SASPL

**EPA ID:** SCD053336194

**Site Assessment Section Project List (SASPL)**

**County:** RICHLAND

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**Site:** **FN MANUFACTURING**  
**TWO NOTCH RD, COLUMBIA SC 29223 SC**

SASPL

**EPA ID:** SCD991279399

**Site Assessment Section Project List (SASPL)**

**County:** RICHLAND

## Appendix: Database Descriptions

*Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13 and E1527-21, Section 8.1.8 Sources of Standard Source Information:*

*"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."*

### Standard Environmental Record Sources

#### Federal

##### National Priority List:

NPL

The U.S. Environmental Protection Agency (EPA)'s National Priorities List (NPL) includes the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program, based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action. This data includes NPL sites represented as polygons, where available, that can be sourced from the EPA NPL Superfund Site Boundaries dataset, refreshed by the Shared Enterprise Geodata and Services (SEGS). These site boundaries represent the footprint of a whole site, the sum of all the Operable Units (OUs) and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. As site investigation and remediation progress, OUs may be added, modified or refined. Data provided by external parties is not independently verified by EPA. This boundary data is made available to the public strictly for informational purposes. Where there is no polygon boundary data available for a given site, the site is represented as a point.

**Government Publication Date: Mar 8, 2025**

##### National Priority List - Proposed:

PROPOSED NPL

Sites proposed by the U.S. Environmental Protection Agency (EPA), the state agency, or concerned citizens for addition to the National Priorities List (NPL) due to contamination by hazardous waste and identified by the EPA as a candidate for cleanup because it poses a risk to human health and/or the environment. Sites represented as polygons, where available, can be sourced from the EPA NPL Superfund Site Boundaries dataset, refreshed by the Shared Enterprise Geodata and Services (SEGS). These site boundaries represent the footprint of a whole site, the sum of all the Operable Units (OUs) and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Data provided by external parties is not independently verified by EPA. This boundary data is made available to the public strictly for informational purposes. Where there is no polygon boundary data available for a given site, the site is represented as a point.

**Government Publication Date: Mar 8, 2025**

##### Deleted NPL:

DELETED NPL

Sites deleted from the U.S. Environmental Protection Agency (EPA)'s National Priorities List (NPL). 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. Sites represented as polygons, where available, can be sourced from the EPA NPL Superfund Site Boundaries dataset, refreshed by the Shared Enterprise Geodata and Services (SEGS). These site boundaries represent the footprint of a whole site, the sum of all the Operable Units (OUs) and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Data provided by external parties is not independently verified by EPA. This boundary data is made available to the public strictly for informational purposes. Where there is no polygon boundary data available for a given site, the site is represented as a point.

**Government Publication Date: Mar 8, 2025**



**SEMS List 8R Active Site Inventory:**[SEMS](#)

The U.S. Environmental Protection Agency's (EPA) Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted. This data includes SEMS sites from the List 8R Active file as well as applicable sites from the EPA's Facility Registry Service map tool.

**Government Publication Date:** Feb 26, 2025

**Inventory of Open Dumps, June 1985:**[ODI](#)

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

**Government Publication Date:** Jun 1985

**SEMS List 8R Archive Sites:**[SEMS ARCHIVE](#)

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. This data includes sites from the List 8R Archived site file.

**Government Publication Date:** Feb 26, 2025

**Comprehensive Environmental Response, Compensation and Liability Information System -**[CERCLIS](#)**CERCLIS:**

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

**Government Publication Date:** Oct 25, 2013

**EPA Report on the Status of Open Dumps on Indian Lands:**[IODI](#)

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

**Government Publication Date:** Dec 31, 1998

**CERCLIS - No Further Remedial Action Planned:**[CERCLIS NFRAP](#)

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

**Government Publication Date:** Oct 25, 2013

**CERCLIS Liens:**[CERCLIS LIENS](#)

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA). This database was provided by the United States Environmental Protection Agency (EPA). Refer to SEMS LIEN as the current data source for Superfund Liens.

**Government Publication Date:** Jan 30, 2014

**RCRA CORRACTS-Corrective Action:**[RCRA CORRACTS](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) 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. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

**Government Publication Date:** Jan 6, 2025

**RCRA non-CORRACTS TSD Facilities:**[RCRA TSD](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) 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. This database includes Non-Corrective Action sites that have indicated engagement in the treatment, storage, or disposal of hazardous waste which requires a RCRA hazardous waste permit.

**Government Publication Date: Jan 6, 2025**

**RCRA Generator List:**[RCRA LQG](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

**Government Publication Date: Jan 6, 2025**

**RCRA Small Quantity Generators List:**[RCRA SQG](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

**Government Publication Date: Jan 6, 2025**

**RCRA Very Small Quantity Generators List:**[RCRA VSQG](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) 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. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Very Small Quantity Generators (VSQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

**Government Publication Date: Jan 6, 2025**

**RCRA Non-Generators:**[RCRA NON GEN](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

**Government Publication Date: Jan 6, 2025**

**RCRA Sites with Controls:**[RCRA CONTROLS](#)

List of Resource Conservation and Recovery Act (RCRA) facilities with institutional controls in place. RCRA gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances.

**Government Publication Date: Jan 6, 2025**

**Federal Engineering Controls-ECs:**[FED ENG](#)

List of Engineering controls (ECs) made available by the United States Environmental Protection Agency (EPA). ECs encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. The EC listing includes remedy component data from Superfund decision documents for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

**Government Publication Date: Mar 27, 2025**



**Federal Institutional Controls- ICs:**

FED INST

List of Institutional controls (ICs) made available by the United States Environmental Protection Agency (EPA). ICs are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site. The IC listing includes remedy component data from Superfund decision documents for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

**Government Publication Date:** Mar 27, 2025

**Land Use Control Information System:**

LUCIS

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

**Government Publication Date:** Sep 1, 2006

**Institutional Control Boundaries at NPL sites:**

NPL IC

These boundaries of Institutional Control areas at sites on the U.S. Environmental Protection Agency's (EPA) National Priorities List (NPL), or as Proposed or Deleted, are sourced from the EPA NPL Superfund Site Boundaries dataset, refreshed by the Shared Enterprise Geodata and Services (SEGS). The EPA's NPL includes the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. Institutional controls are non-engineered instruments such as administrative and legal controls that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Data provided by external parties is not independently verified by EPA. This boundary data is made available to the public strictly for informational purposes.

**Government Publication Date:** Mar 8, 2025

**Emergency Response Notification System:**

ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

**Government Publication Date:** 1982-1986

**Emergency Response Notification System:**

ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

**Government Publication Date:** 1987-1989

**Emergency Response Notification System:**

ERNS

Database of oil and hazardous substances spill reports made available by the United States Coast Guard National Response Center (NRC). The NRC fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. These data contain initial incident data that has not been validated or investigated by a federal/state response agency.

**Government Publication Date:** Dec 31, 2024

**The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database:**

FED BROWNFIELDS

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This data is provided by the United States Environmental Protection Agency (EPA) and includes Brownfield sites from the Cleanups in My Community (CIMC) web application.

**Government Publication Date:** Feb 19, 2025

**FEMA Underground Storage Tank Listing:**

FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

**Government Publication Date:** Dec 31, 2017

### **Facility Response Plan:**

FRP

This listing contains facilities that have submitted Facility Response Plans (FRPs) to the U.S. Environmental Protection Agency (EPA). Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit FRPs. Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments. This listing includes FRP facilities from an applicable EPA FOIA file and Homeland Infrastructure Foundation-Level Data (HIFLD) data file.

**Government Publication Date: Jan 9, 2024**

### **Delisted Facility Response Plans:**

DELISTED FRP

Facilities that once appeared in - and have since been removed from - the list of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

**Government Publication Date: Jan 9, 2024**

### **Historical Gas Stations:**

HIST GAS STATIONS

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

**Government Publication Date: Jul 1, 1930**

### **Petroleum Refineries:**

REFN

This list of petroleum refineries is sourced from the U.S. Energy Information Administration (EIA), Refinery Capacity Report. The listing includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year. The geographic area the report covers is the 50 States, the District of Columbia, Puerto Rico, the U.S. Virgin Islands, Guam, and other U.S. possessions. Per the EIA, the facility location data represents the approximate location based on research of publicly available information from sources such as Federal agencies, company websites, and satellite images on public websites.

**Government Publication Date: Oct 31, 2024**

### **Petroleum Product and Crude Oil Rail Terminals:**

BULK TERMINAL

A list of petroleum product and crude oil rail terminals from the U.S. Energy Information Administration (EIA), as well as petroleum terminals sourced from Oak Ridge National Laboratory hosted by the Homeland Infrastructure Foundation-Level Database. Data includes operable bulk petroleum product terminals with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil with activity between 2017 and 2018. EIA petroleum product terminal data comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings.

**Government Publication Date: Oct 31, 2024**

### **LIEN on Property:**

SEMS LIEN

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) provides Lien details on applicable properties, such as the Superfund lien on property activity, the lien property information, and the parties associated with the lien.

**Government Publication Date: Jan 29, 2025**

### **Superfund Decision Documents:**

SUPERFUND ROD

This database contains a list of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include completed Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD) for active and archived sites stored in the Superfund Enterprise Management System (SEMS), along with other associated memos and files. This information is maintained and made available by the U.S. Environmental Protection Agency.

**Government Publication Date: Feb 26, 2025**

## **State**

### **State Remediation Projects:**

REMEDIATION

This list of State Remediation Projects is maintained by the South Carolina Department of Environmental Services (SCDES) Clean Up Projects in Progress/Superfund Program. This SCDES Program aims to protect the environment through assessing, remediating, and cleaning up applicable polluted sites.

**Government Publication Date: Sep 6, 2024**



**Permitted Landfills List:**

SWF/LF

The South Carolina Department of Environmental Services (SCDES) maintains a list of permitted solid waste and landfill facilities in South Carolina.

**Government Publication Date: Sep 23, 2024**

**Site Assessment Section Project List:**

SASPL

The South Carolina Department of Environmental Services (SCDES) Bureau of Land & Waste Management keeps record of the state hazardous waste sites in their Site Assessment Section Project List. Includes sites that have had or have ongoing assessment and/or remediation; sites assessed under CERCLA and state authority, as well as federal and state Superfund sites; sites within the Drycleaning Restoration Trust Fund; and state voluntary cleanups sites and Brownfields sites.

**Government Publication Date: Aug 14, 2024**

**Delisted Site Assessment Section Project List:**

DELISTED SHWS

List of sites that once appeared on – and have since been removed from – the list of hazardous waste sites made available by South Carolina Department of Environmental Services (SCDES), previously known as the South Carolina Department of Health and Environmental Control (DHEC), Bureau of Land & Waste Management Site Assessment Section.

**Government Publication Date: Aug 14, 2024**

**Leaking Underground Storage Tank List:**

LUST

List of incidents involving releases from underground storage tanks. Includes records from the SCDES Confirmed Release Report (LUST), and tank sites from the Underground Storage Tank Division's UST Registry Search with confirmed or unconfirmed releases. Data made available by the South Carolina Department of Environmental Services (SCDES).

**Government Publication Date: Apr 2, 2025**

**Release Incidents - Groundwater Tracking:**

LAST

A listing of incidents involving petroleum releases from unregulated sources such as aboveground storage tanks, heating oil tanks and spills during transport reported to the South Carolina Department of Environmental Services (SCDES).

**Government Publication Date: Apr 16, 2025**

**Delisted Leaking Storage Tanks:**

DELISTED LST

List of sites that once appeared on – and have since been removed from – leaking aboveground storage tank listings and/or leaking underground storage tank listings made available by the South Carolina Department of Environmental Services (SCDES), previously known as the South Carolina Department of Health and Environmental Control (DHEC).

**Government Publication Date: Apr 30, 2025**

**Underground Storage Tank List:**

UST

List of permitted underground storage tank sites. Includes records from the SCDES UST List, and tank sites from the Underground Storage Tank Division's UST Registry Search. Data made available by the Underground Storage Tank Division of the South Carolina Department of Environmental Services (SCDES).

**Government Publication Date: Apr 30, 2025**

**Aboveground Storage Tanks (SCDA):**

AST

A list of aboveground storage tanks made available by South Carolina Department of Agriculture (SCDA).

**Government Publication Date: Apr 15, 2025**

**Aboveground Storage Tanks (SC State Fire):**

AST SFM

A list of aboveground storage tanks known to South Carolina Department of Labor, Licensing and Regulation's Office of State Fire Marshal. The status of tanks on this list is unknown, as State Fire approves plans for ASTs prior to construction.

**Government Publication Date: Sep 19, 2017**

**Delisted Storage Tanks:**

DELISTED TANKS

List of sites that once appeared on – and have since been removed from – underground storage tank site listings made available by the South Carolina Department of Environmental Services (SCDES), previously known as the South Carolina Department of Health and Environmental Control (DHEC), and/or aboveground storage tank listings made available from the South Carolina Department of Agriculture (SCDA).

**Government Publication Date: Apr 30, 2025**

**Registry of Conditional Remedies:**

RCR

A Conditional Remedy is an environmental remedy that includes certain qualifications. These qualifications are divided into two major categories: Remedies requiring Land Use Controls and Conditional No Further Actions (CNFA). This registry is managed by the South Carolina Department of Environmental Services (SCDES) and does not include UST sites where a No Further Action (NFA) letter was issued.

**Government Publication Date: Feb 25, 2025**

**Site Assessment and Remediation Public Record Database:**

VCP

The Site Assessment and Remediation Public Record Database identifies brownfield sites for potential redevelopment and sites undergoing cleanup activities and assessment. Data made available by the South Carolina Department of Environmental Services (SCDES).

**Government Publication Date: Apr 9, 2025**

**Brownfields Sites Listing:**

BROWNFIELDS

List of sites that have enrolled in the Brownfields Program, maintained by the South Carolina Department of Environmental Services (SCDES) Bureau of Land & Waste Management (LWM) SARR (Division of Site Assessment, Remediation and Revitalization).

**Government Publication Date: Jan 7, 2025**

**Tribal**

**Leaking Underground Storage Tanks (LUSTs) on Indian Lands:**

INDIAN LUST

This list of leaking underground storage tanks (LUSTs) on Tribal/Indian Lands in Region 4, which includes South Carolina, is made available by the United States Environmental Protection Agency (EPA).

**Government Publication Date: Oct 14, 2017**

**Underground Storage Tanks (USTs) on Indian Lands:**

INDIAN UST

This list of underground storage tanks (USTs) on Tribal/Indian Lands in Region 4, which includes South Carolina, is made available by the United States Environmental Protection Agency (EPA).

**Government Publication Date: Oct 14, 2017**

**Delisted Tribal Leaking Storage Tanks:**

DELISTED INDIAN LST

Leaking Underground Storage Tank (LUST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian LUST lists made available by the United States Environmental Protection Agency (EPA).

**Government Publication Date: Nov 18, 2024**

**Delisted Tribal Underground Storage Tanks:**

DELISTED INDIAN UST

Underground Storage Tank (UST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian UST lists made available by the United States Environmental Protection Agency (EPA).

**Government Publication Date: Nov 18, 2024**

**County**

**No County standard environmental record sources available for this State.**

**Additional Environmental Record Sources**

**Federal**

**PFAS Greenhouse Gas Emissions Data:**

PFAS GHG

The U.S. Environmental Protection Agency's Greenhouse Gas Reporting Program (GHGRP) collects Greenhouse Gas (GHG) data from large emitting facilities (25,000 metric tons of carbon dioxide equivalent (CO<sub>2</sub>e) per year), and suppliers of fossil fuels and industrial gases that results in GHG emissions when used. Includes GHG emissions data for facilities that emit or have emitted since 2010 chemicals identified in EPA's CompTox Chemicals Dashboard list of PFAS without explicit structures and list of PFAS structures by DSSTox. PFAS emissions data has been identified for facilities engaged in the following industrial processes: Aluminum Production (GHGRP Subpart F), HCFC-22 Production and HFC-23 Destruction (Subpart O), Electronics Manufacturing (Subpart I), Fluorinated Gas Production (Subpart L), Magnesium Production (Subpart T), Electrical Transmission and Distribution Equipment Use (Subpart DD), and Manufacture of Electric Transmission and Distribution Equipment (Subpart SS). Over time, other industrial processes with required GHGRP reporting may include PFAS emissions data and the list of reportable gases may change over time.

**Government Publication Date: Aug 5, 2024**



**On-Scene Coordinator Response Sites:**

OSC RESPONSE

This list of On-Scene Coordinator (OSC) Response Sites is provided by the U.S. Environmental Protection Agency (EPA). OSCs are the federal officials responsible for monitoring or directing responses to all oil spills and hazardous substance releases reported to the federal government. OSCs coordinate all federal efforts with, and provide support and information to local, state, and regional response communities. An OSC is an agent of either EPA or the U.S. Coast Guard (USCG), depending on where the incident occurs. EPA's OSCs have primary responsibility for spills and releases to inland areas and waters. USCG OSCs have responsibility for coastal waters and the Great Lakes. In general, an OSC has the following key responsibilities during and after a response: Assessment, Monitoring, Response Assistance, and Evaluation.

**Government Publication Date: Apr 4, 2024**

**Facility Registry Service/Facility Index:**

FINDS/FRS

The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, and data collected from EPA's Central Data Exchange registrations and data management personnel. This list is made available by the U.S. Environmental Protection Agency (EPA).

**Government Publication Date: Apr 23, 2025**

**Toxics Release Inventory (TRI) Program:**

TRIS

The U.S. Environmental Protection Agency's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of toxic chemicals from U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. There are currently 770 individually listed chemicals and 33 chemical categories covered by the TRI Program. Facilities that manufacture, process or otherwise use these chemicals in amounts above established levels must submit annual reporting forms for each chemical. Note that the TRI chemical list does not include all toxic chemicals used in the U.S. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment. This database includes TRI Reporting Data for calendar years 1987 through 2021 and Preliminary Data for 2022.

**Government Publication Date: Sep 20, 2023**

**PFOA/PFOS Contaminated Sites:**

PFAS NPL

This list of Superfund Sites with Per- and Polyfluoroalkyl Substances (PFAS) detections is made available by the U.S. Environmental Protection Agency (EPA) in their PFAS Analytic Tools data, previously the list was obtained by EPA FOIA requests. EPA's Office of Land and Emergency Management and EPA Regional Offices maintain what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment. Limitations: Detections of PFAS at National Priorities List (NPL) sites do not mean that people are at risk from PFAS, are exposed to PFAS, or that the site is the source of the PFAS. The information in the Superfund NPL and Superfund Alternative Agreement (SAA) PFAS detection site list is years old and may not be accurate today. Site information such as site name, site ID, and location has been confirmed for accuracy; however, PFAS-related information such as media sampled, drinking water being above the health advisory, or mitigation efforts has not been verified. For Federal Facilities data, the other Federal agencies (OFA) are the lead agency for their data and provided them to EPA.

**Government Publication Date: Mar 31, 2025**

**Federal Agency Locations with Known or Suspected PFAS Detections:**

PFAS FED SITES

This list of federal agency locations with known or suspected detections of Per- and Polyfluoroalkyl Substances (PFAS) is made available by the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools data. The EPA outlines that these data are gathered from several federal entities, such as the federal Superfund program, Department of Defense (DOD), National Aeronautics and Space Administration (NASA), Department of Transportation (DOT), and Department of Energy (DOE). The dates this data was extracted for the PFAS Analytic Tools range from 2022 to 2024. Sites on this list do not necessarily reflect the source/s of PFAS contamination and detections do not indicate level of risk or human exposure at the site. Agricultural notifications in this data are limited to DOD sites only. At this time, the EPA is aware that this list is not comprehensive of all Federal agencies.

**Government Publication Date: Oct 24, 2024**

**SSEHRI PFAS Contamination Sites:**

PFAS SSEHRI

This PFAS Contamination Site Tracker database is compiled by the PFAS Project Lab, part of the Social Science Environmental Health Research Institute (SSEHRI) at Northeastern University. According to the SSEHRI, the database records qualitative and quantitative data from each known site of PFAS contamination, including timeline of discovery, sources, levels, health impacts, community response, and government response. The goal of this database is to compile information and support public understanding of the rapidly unfolding issue of PFAS contamination. All data presented was extracted from government websites, news articles, or publicly available documents. Locations for the Known PFAS Contamination Sites are sourced from the PFAS Sites and Community Resources Map by the PFAS-REACH team, credited to PFAS Project Lab, Silent Spring Institute, and PFAS Exchange. Disclaimer: The source conveys the data undergoes regular updates as new information becomes available, some sites may be missing and/or contain information that is incorrect or outdated, as well as their information represents all contamination sites SSEHRI is aware of, not all possible contamination sites. This data is not intended to be used for legal purposes. Access the following source link for the most current information: <https://pfasproject.com/pfas-sites-and-community-resources/>

**Government Publication Date: Jun 27, 2024**

**National Response Center PFAS Spills:**[PFAS ERNS](#)

This Per- and Poly-Fluoroalkyl Substances (PFAS) Spills dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The National Response Center (NRC), operated by the U.S. Coast Guard, is the designated federal point of contact for reporting all oil, chemical, and other discharges into the environment, for the United States and its territories. This dataset contains NRC spill information from 1990 to the present that is restricted to records associated with PFAS and PFAS-containing materials. Incidents are filtered to include only records with a "Material Involved" or "Incident Description" related to Aqueous Film Forming Foam (AFFF). The keywords used to filter the data included "AFFF," "Fire Fighting Foam," "Aqueous Film Forming Foam," "Fire Suppressant Foam," "PFAS," "PERFL," "PFOA," "PFOS," and "Genx." Limitations: The data from the NRC website contains initial incident data that has not been validated or investigated by a federal/state response agency. Keyword searches may misidentify some incident reports that do not contain PFAS. This dataset should also not be considered to be exhaustive of all PFAS spills/release incidents.

**Government Publication Date: Mar 24, 2025**

**PFAS NPDES Discharge Monitoring:**[PFAS NPDES](#)

This list of National Pollutant Discharge Elimination System (NPDES) permitted facilities with required monitoring for Per- and Polyfluoroalkyl (PFAS) Substances is made available via the U.S. Environmental Protection Agency (EPA)'s PFAS Analytic Tools. Any point-source wastewater discharger to waters of the United States must have a NPDES permit, which defines a set of parameters for pollutants and monitoring to ensure that the discharge does not degrade water quality or impair human health. This list includes NPDES permitted facilities associated with permits that monitor for Per- and Polyfluoroalkyl Substances (PFAS), limited to the years 2007 - present. EPA further advises the following regarding these data: currently, fewer than half of states have required PFAS monitoring for at least one of their permittees, and fewer states have established PFAS effluent limits for permittees. For states that may have required monitoring, some reporting and data transfer issues may exist on a state-by-state basis.

**Government Publication Date: Dec 16, 2024**

**Perfluorinated Alkyl Substances (PFAS) from Toxic Release Inventory:**[PFAS TRI](#)

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a per- or polyfluoroalkyl (PFAS) substance included in the U.S. Environmental Protection Agency's (EPA) consolidated PFAS Master List of PFAS Substances. Encompasses Toxics Release Inventory records included in the EPA PFAS Analytic Tools. The EPA's TRI database currently tracks information on disposal or releases of 770 individually listed toxic chemicals and 33 chemical categories from thousands of U.S. facilities and details about how facilities manage those chemicals through recycling, energy recovery, and treatment. This listing includes TRI Reporting Data for calendar years 1987 through 2021 and Preliminary Data for 2022.

**Government Publication Date: Sep 20, 2023**

**PFAS Water Quality Portal Sampling Data:**[PFAS WATER](#)

This Per- and Poly-Fluoroalkyl Substances (PFAS) Environmental Media Sampling Data is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The Water Quality Portal (WQP), as a cooperative service sponsored by the United States Geological Survey, the EPA, and the National Water Quality Monitoring Council, is part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations, and individuals submit project details and sampling results to this public repository. Limitations: EPA did not carry out the sampling or testing of a majority of the data in the WQP PFAS dataset. EPA can only speak to the accuracy and completeness of the data from projects like the National Aquatic Resource Surveys for which EPA is the data owner/organization. Data may exist within the file on Quality Assurance Project Plans (QAPPs) and the approving agency of the QAPP, if a QAPP is entered.

**Government Publication Date: Jan 13, 2025**

**PFAS TSCA Manufacture and Import Facilities:**[PFAS TSCA](#)

The U.S. Environmental Protection Agency (EPA) issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. This list is specific only to TSCA Manufacture and Import Facilities with reported per- and poly-fluoroalkyl (PFAS) substances. Data file is sourced from EPA's PFAS Analytic Tools TSCA dataset which includes CDR/Inventory Update Reporting data from 1998 up to 2020. Disclaimer: This data file includes production and importation data for chemicals identified in EPA's CompTox Chemicals Dashboard list of PFAS without explicit structures and list of PFAS structures in DSSTox. Note that some regulations have specific chemical structure requirements that define PFAS differently than the lists in EPA's CompTox Chemicals Dashboard. Reporting information on manufactured or imported chemical substance amounts should not be compared between facilities, as some companies claim Chemical Data Reporting Rule data fields for PFAS information as Confidential Business Information.

**Government Publication Date: Jan 5, 2023**

**PFAS Waste Transfers from RCRA e-Manifest :**[PFAS E-MANIFEST](#)



This Per- and Poly-Fluoroalkyl Substances (PFAS) Waste Transfers dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. Every shipment of hazardous waste in the U.S. must be accompanied by a shipment manifest, which is a critical component of the cradle-to-grave tracking of wastes mandated by the Resource Conservation and Recovery Act (RCRA). According to the EPA, currently no Federal Waste Code exists for any PFAS compounds. To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: • PFAS • PFOA • PFOS • PERFL • AFFF • GENX • GEN-X (plus the Vermont state-specific waste codes). Limitations: Amount or concentration of PFAS being transferred cannot be determined from the manifest information. Keyword searches may misidentify some manifest records that do not contain PFAS. This dataset should also not be considered to be exhaustive of all PFAS waste transfers.

**Government Publication Date:** Mar 23, 2025

#### **PFAS Industry Sectors:**

[PFAS IND](#)

This Per- and Poly-Fluoroalkyl Substances (PFAS) Industry Sectors dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The EPA developed the dataset from various sources that show which industries may be handling PFAS including: EPA's Enforcement and Compliance History Online (ECHO) records restricted to potential PFAS-handling industry sectors; ECHO records for Fire Training Sites identified where fire-fighting foam may have been used in training exercises; and 14 CFR Part 139 Airports compiled from historic and current records from the FAA Airport Data and Information Portal. Since July 2006, all certificated Part 139 Airports are required to have fire-fighting foam onsite that meet certain military specifications, which to date have been fluorinated (Aqueous Film Forming Foam). Limitations: Inclusion in this dataset does not indicate that PFAS are being manufactured, processed, used, or released by the facility. Listed facilities potentially handle PFAS based on their industrial profile, but are unconfirmed by the EPA. Keyword searches in ECHO for Fire Training sites may misidentify some facilities and should not be considered to be an exhaustive list of fire training facilities in the U.S.

**Government Publication Date:** Mar 24, 2025

#### **Hazardous Materials Information Reporting System:**

[HMIRS](#)

The Hazardous Materials Incident Reporting System (HMIRS) database contains unintentional hazardous materials release information reported to the U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration.

**Government Publication Date:** May 29, 2024

#### **National Clandestine Drug Labs:**

[NCDL](#)

The U.S. Department of Justice ("the Department"), Drug Enforcement Administration (DEA), provides this data as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy.

**Government Publication Date:** Nov 30, 2023

#### **Toxic Substances Control Act:**

[TSCA](#)

The U.S. Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule. The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI). EPA CDR collections occur approximately every four years and reporting requirements change per collection.

**Government Publication Date:** May 12, 2022

#### **Hist TSCA:**

[HIST TSCA](#)

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

**Government Publication Date:** Dec 31, 2006

#### **FTTS Administrative Case Listing:**

[FTTS ADMIN](#)

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

**Government Publication Date:** Jan 19, 2007

**FTTS Inspection Case Listing:**

FTTS INSP

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

**Government Publication Date:** Jan 19, 2007

**Potentially Responsible Parties List:**

PRP

Early in the site cleanup process, the U.S. Environmental Protection Agency (EPA) conducts a search to find the Potentially Responsible Parties (PRPs). The EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site. This listing contains PRPs, Noticed Parties, at sites in the EPA's Superfund Enterprise Management System (SEMS).

**Government Publication Date:** Nov 20, 2024

**State Coalition for Remediation of Drycleaners Listing:**

SCRD DRYCLEANER

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin. Since 2017, the SCRD no longer maintains this data, refer to applicable state source data where available.

**Government Publication Date:** Nov 08, 2017

**Integrated Compliance Information System (ICIS):**

ICIS

The Integrated Compliance Information System (ICIS) database contains integrated enforcement and compliance information across most of U.S. Environmental Protection Agency's (EPA) programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained by the EPA Headquarters and at the Regional offices. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.

**Government Publication Date:** Apr 13, 2024

**Drycleaner Facilities:**

FED DRYCLEANERS

A list of drycleaner facilities from Enforcement and Compliance History Online (ECHO) data as made available by the U.S. Environmental Protection Agency (EPA), sourced from the ECHO Exporter file. This EPA source file tracks facilities that possess NAICS and SIC codes that classify businesses as drycleaner establishments.

**Government Publication Date:** Jan 6, 2025

**Delisted Drycleaner Facilities:**

DELISTED FED DRY

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

**Government Publication Date:** Jan 6, 2025

**Formerly Used Defense Sites:**

FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DOD) is responsible for an environmental restoration. The FUDS Annual Report to Congress (ARC) is published by the U.S. Army Corps of Engineers (USACE). This data is compiled from the USACE's Geospatial FUDS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) FUDS dataset which applies to the Fiscal Year 2021 FUDS Inventory.

**Government Publication Date:** May 15, 2023

**FUDS Munitions Response Sites:**

FUDS MRS

Boundaries of Munitions Response Sites (MRS), published with the Formerly Used Defense Sites (FUDS) Annual Report to Congress (ARC) by the U.S. Army Corps of Engineers (USACE). An MRS is a discrete location within a Munitions response area (MRA) that is known to require a munitions response. An MRA means any area on a defense site that is known or suspected to contain unexploded ordnance (UXO), discarded military munitions (DMM), or munitions constituents (MC). This data is compiled from the USACE's Geospatial MRS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) MRS dataset.

**Government Publication Date:** May 15, 2023

**Former Military Nike Missile Sites:**

FORMER NIKE



This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

**Government Publication Date: Dec 2, 1984**

#### **PHMSA Pipeline Safety Flagged Incidents:**

**PIPELINE INCIDENT**

This list of flagged pipeline incidents is made available by the U.S. Department of Transportation (US DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA). PHMSA regulations require incident and accident reports for five different pipeline system types. Accidents reported on hazardous liquid gravity lines (§195.13) and reporting-regulated-only hazardous liquid gathering lines (§195.15) and incidents reported on Type R gas gathering (§192.8(c)) are not included in the flagged incident file data.

**Government Publication Date: May 6, 2024**

#### **Material Licensing Tracking System (MLTS):**

**MLTS**

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

**Government Publication Date: May 11, 2021**

#### **Historic Material Licensing Tracking System (MLTS) sites:**

**HIST MLTS**

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

**Government Publication Date: Jan 31, 2010**

#### **Mines Master Index File:**

**MINES**

The Master Index File (MIF) is provided by the United States Department of Labor, Mine Safety and Health Administration (MSHA). This file, which was originally created in the 1970's, contained many Mine-IDs that were invalid. MSHA removes invalid IDs from the MIF upon discovery. MSHA applicable data includes the following: all Coal and Metal/Non-Metal mines under MSHA's jurisdiction since 1/1/1970; mine addresses for all mines in the database except for Abandoned mines prior to 1998 from MSHA's legacy system (addresses may or may not correspond with the physical location of the mine itself); violations that have been assessed penalties as a result of MSHA inspections beginning on 1/1/2000; and violations issued as a result of MSHA inspections conducted beginning on 1/1/2000.

**Government Publication Date: Feb 5, 2024**

#### **Surface Mining Control and Reclamation Act Sites:**

**SMCRA**

This inventory of land and water impacted by past mining (primarily legacy coal mining operations) is maintained by the U.S. Department of the Interior's Office of Surface Mining Reclamation and Enforcement (OSMRE), as it provides information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). This inventory contains information on the type and extent of Abandoned Mine Land (AML) Problems, as well as information on the cost associated with the reclamation of those problems. The data is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed. Disclaimer: Per the OSMRE, States and tribes who enter their data into e-AMLIS (AML Inventory System) may truncate their latitude and longitude so the precise location of usually dangerous AMLs is not revealed in an effort to protect the public from searching for these AMLs, most of which are on private property. If more precise location information is needed, please contact the applicable state/tribe of interest.

**Government Publication Date: May 20, 2024**

#### **Mineral Resource Data System:**

**MRDS**

The Mineral Resource Data System (MRDS) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS. The USGS has ceased systematic updates of the MRDS database with their focus more recently on deposits of critical minerals while providing a well-documented baseline of historical mine locations from USGS topographic maps.

**Government Publication Date: Mar 15, 2016**

#### **DOE Legacy Management Sites:**

**LM SITES**

The U.S. Department of Energy (DOE) Office of Legacy Management (LM) currently manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The LM manages sites with diverse regulatory drivers (statutes or programs that direct cleanup and management requirements at DOE sites) or as part of internal DOE or congressionally-recognized programs, such as but not limited to: Formerly Utilized Sites Remedial Action Program (FUSRAP), Uranium Mill Tailings Radiation Control Act (UMTRCA Title I, Title II), Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Resource Conservation and Recovery Act (RCRA), Decontamination and Decommissioning (D&D), Nuclear Waste Policy Act (NWPA). This site listing includes data exported from the DOE Office of LM's Geospatial Environmental Mapping System (GEMS). GEMS Data disclaimer: The DOE Office of LM makes no representation or warranty, expressed or implied, regarding the use, accuracy, availability, or completeness of the data presented herein.

**Government Publication Date: Dec 12, 2023**

#### **Alternative Fueling Stations:**

**ALT FUELS**

This list of alternative fueling stations is sourced from the Alternative Fuels Data Center (AFDC). The U.S. Department of Energy's Office of Energy Efficiency & Renewable Energy launched the AFDC in 1991 as a repository for alternative fuel vehicle performance data, which provides a wealth of information and data on alternative and renewable fuels, advanced vehicles, fuel-saving strategies, and emerging transportation technologies. The data includes Biodiesel (B20 and above), Compressed Natural Gas (CNG), Electric, Ethanol (E85), Hydrogen, Liquefied Natural Gas (LNG), Propane (LPG), and Renewable Diesel (R20 and above) fuel type locations.

**Government Publication Date: Aug 29, 2024**

#### **Superfunds Consent Decrees:**

**CONSENT DECREES**

This list of Superfund consent decrees is provided by the Department of Justice, Environment & Natural Resources Division (ENRD) through a Freedom of Information Act (FOIA) applicable file. This listing includes Cases filed since 2010 limited to the following: Consent Decrees for CERCLA or Superfund Sites filed and/or as proposed within the ENRD's Case Management System (CMS); and applicable ENRD's Environmental Defense Section (EDS) CERCLA Cases with "Consent" in History Note. CMS may not reflect the latest developments in a case, nor can the agency guarantee the accuracy of the data. ENRD Disclaimer: Congress excluded three discrete categories of law enforcement and national security records from the requirements of the FOIA; response is limited to those records that are subject to the requirements of the FOIA; however, this should not be taken as an indication that excluded records do, or do not, exist.

**Government Publication Date: Jun 26, 2024**

#### **Air Facility System:**

**AFS**

This EPA retired Air Facility System (AFS) dataset contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners. AFS does not contain data on facilities that are solely asbestos demolition and/or renovation contractors, or landfills. ECHO Clean Air Act data from AFS are frozen and reflect data as of October 17, 2014; the EPA retired this system for Clean Air Act stationary sources and transitioned to ICIS-Air.

**Government Publication Date: Oct 17, 2014**

#### **Registered Pesticide Establishments:**

**SSTS**

This national list of active EPA-registered foreign and domestic pesticide and/or device-producing establishments is based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that each producing establishment must place its EPA establishment number on the label or immediate container of each pesticide, active ingredient or device produced. An EPA establishment number on a pesticide product label identifies the EPA registered location where the product was produced. The list of establishments is made available by the U.S. Environmental Protection Agency (EPA).

**Government Publication Date: Feb 29, 2024**

#### **Polychlorinated Biphenyl (PCB) Transformers:**

**PCBT**

Locations of Transformers Containing Polychlorinated Biphenyls (PCBs) registered with the United States Environmental Protection Agency. PCB transformer owners must register their transformer(s) with EPA. Although not required, PCB transformer owners who have removed and properly disposed of a registered PCB transformer may notify EPA to have their PCB transformer de-registered. Data made available by EPA.

**Government Publication Date: Oct 15, 2019**

#### **Polychlorinated Biphenyl (PCB) Notifiers:**

**PCB**

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

**Government Publication Date: May 23, 2024**

#### **Power Plants:**

**POWER PLANTS**

This list of power plants is provided by the U.S. Energy Information Administration (EIA). The listing includes operable electric generating plants in the United States by energy source, originating from the EIA-860, Annual Electric Generator Report; EIA-860M, Monthly Update to the Annual Electric Generator Report; and EIA-923, Power Plant Operations Report. It includes all operable plants by energy source with a combined nameplate capacity of 1 megawatt or more that are operating, are on standby, or out of service for short- or long-term.



## **State**

### **Spills List:**

SPILLS

A list of spills and releases managed by the South Carolina Department of Environmental Services (SCDES).

Government Publication Date: Sep 24, 2024

### **Drycleaning Facility Restoration Trust Fund Database:**

DRYCLEAN FUND

This Priorities list of Drycleaning Facility Restoration Trust Fund (DFRTF) facilities is provided by South Carolina Department of Environmental Services (SCDES) Bureau of Land and Waste Management. The SCDES is responsible for administering the DFRTF to manage the assessment and remediation of drycleaning facilities statewide by prioritizing sites for future funding based on available assessment information. The Funding Priority system categorizes sites into one of five groups and is designed to identify sites that require immediate action to eliminate the risk of human exposure, prevent imminent exposure to environmental contamination, or indicate no funded activity planned when applicable.

Government Publication Date: Apr 16, 2024

### **Dry Cleaners:**

DRY CLEANERS

A list of dry cleaners provided by the former South Carolina Department of Health and Environmental Control (DHEC), now known as the South Carolina Department of Environmental Services (SCDES). The SCDES no longer maintains this list of dry cleaners. Please refer to the Priorities list of Drycleaning Facility Restoration Trust Fund facilities as the currently available listing.

Government Publication Date: Jan 9, 2019

### **Delisted Drycleaning Facilities:**

DELISTED DRYCLEANERS

List of sites that once appeared on – and have since been removed from – drycleaner listings made available by South Carolina Department of Environmental Services (SCDES), previously known as the South Carolina Department of Health and Environmental Control (DHEC).

Government Publication Date: Apr 16, 2024

### **Air Permitted Facilities:**

AIR PERMIT

The South Carolina Department of Environmental Services (SCDES) Bureau of Air Quality (BAQ) issues permits limiting the amount of regulated air contaminants emitted at a facility. According to the BAQ, an air permit is a legal document that lists what a source must do in order to comply with the state and federal air pollution laws. The facility's potential to emit emissions determines if a facility is classified as major or minor or if the facility has to undergo a major modification. The BAQ issues construction permit, operating permits, general permits, and registration permits. Some permits may be exempted, such as: construction permit exemptions specified in Regulation 61-62.1, Section II (B)(1)(a) through (c), Regulation 61-62.70.2(r), and Regulation 61-62.1, Section II (B)(2)(a) through (h); source- specific exemptions; and emission-level exemptions specified in Regulation 61-62.5 - Standard No. 8, Toxic Air Pollutants.

Government Publication Date: Sep 13, 2024

### **Underground Injection Control Wells:**

UIC

This list of Underground Injection Control Class V Wells is provided by the South Carolina Department of Environmental Services (SCDES). The majority of Class V Wells are aquifer remediation injection wells, and the remaining are Aquifer Storage and Recovery Wells (storage of potable water in the subsurface).

Government Publication Date: May 6, 2024

### **Agricultural Facilities:**

AGRI FAC

A list of permitted agricultural facilities (livestock operations) provided by the former South Carolina Department of Health and Environmental Control (DHEC), now known as the South Carolina Department of Environmental Services (SCDES). The list was supplied by the SCDES Bureau of Water. The SCDES provides no warranty, expressed or implied, as to the accuracy, reliability, or completeness of the data.

Government Publication Date: Apr 28, 2025

### **Surface Water PFAS Sampling:**

PFAS SAMPLING

The South Carolina Department of Environmental Services (SCDES) has implemented the Ambient Surface Water PFAS Strategy to monitor Per- and Polyfluoroalkyl Substances (PFAS) levels in surface water and associated biota. The Ambient Surface Water Strategy includes analysis of samples from lakes, rivers, and streams across South Carolina, as well as samples from fish, oyster, and blue crab. This summary data includes concentrations each time the site was sampled for six individual PFAS: PFOA, PFOS, PFNA, HFPO-DA or Gen-X, PFHxS, and PFBS. Concentrations identified with a dash (-) indicate the compound was analyzed for but not detected. The SCDES provides this data for general reference purposes only and provides no warranty as to its accuracy, reliability or completeness.

Government Publication Date: May 16, 2024

**Tribal**

*No Tribal additional environmental record sources available for this State.*

**County**

*No County additional environmental record sources available for this State.*



# Definitions

**Database Descriptions:** This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

**Detail Report:** This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

**Distance:** The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

**Direction:** The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

**Elevation:** The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

**Executive Summary:** This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

**Map Key:** The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

**Unplottables:** These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.



## Property Information

Order Number: 25052100931p  
Date Completed: May 21, 2025  
Project Number: 25-492574.3  
Project Property: Sanctuary Landing  
Fontaine Center Drive COLUMBIA SC  
Coordinates:  
Latitude: 34.0535849  
Longitude: -80.9910359  
UTM Northing: 3767933.31945 Meters  
UTM Easting: 500804.100347 Meters  
UTM Zone: UTM Zone 17S  
Elevation: 265.91 ft  
Slope Direction: SE

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The ERIS **Physical Setting Report - PSR** provides comprehensive information about the physical setting around a site and includes a complete overview of topography and surface topology, in addition to hydrologic, geologic and soil characteristics. The location and detailed attributes of oil and gas wells, water wells, public water systems and radon are also included for review.

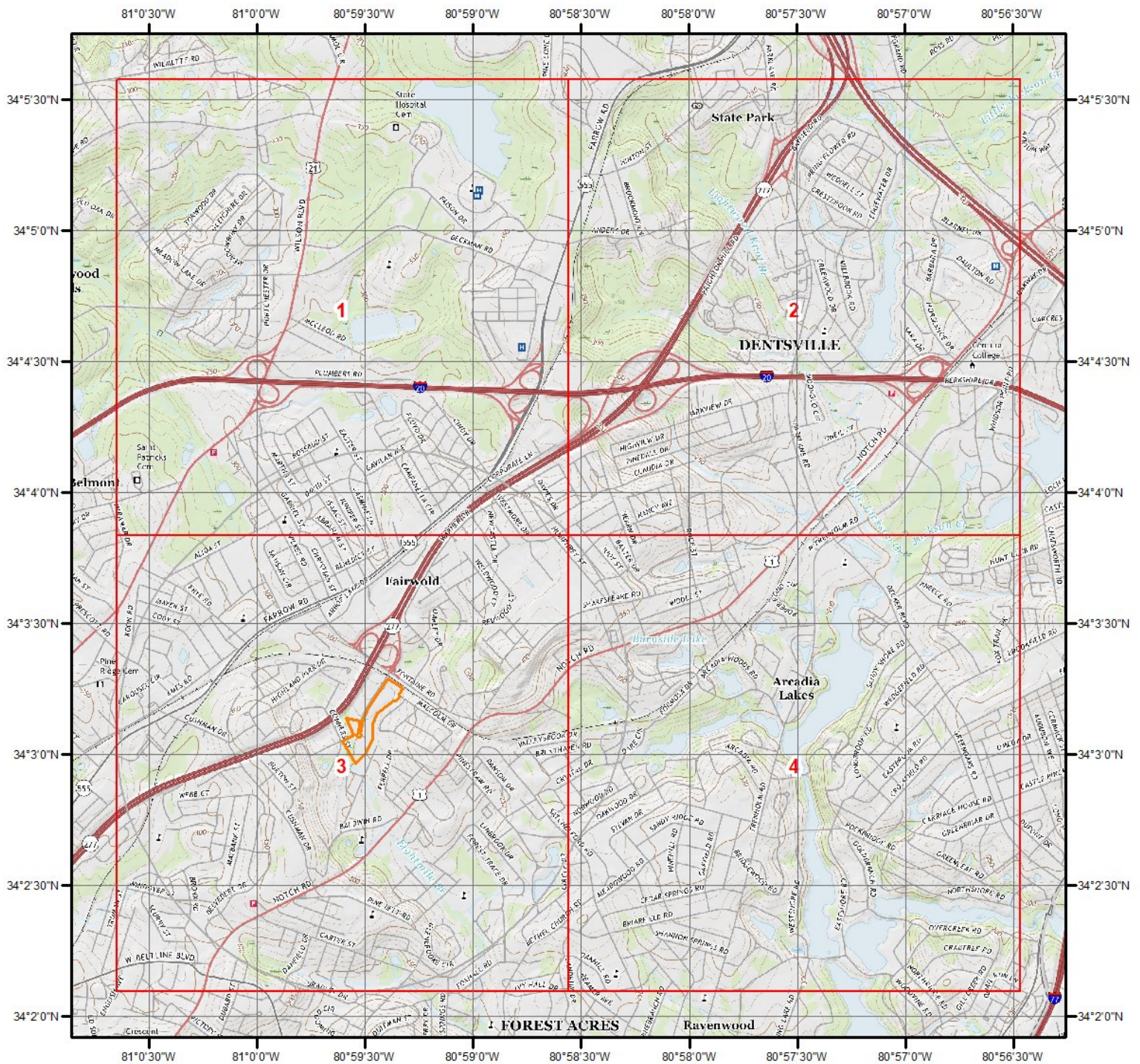
The compilation of both physical characteristics of a site and additional attribute data is useful in assessing the impact of migration of contaminants and subsequent impact on soils and groundwater.

### Disclaimer

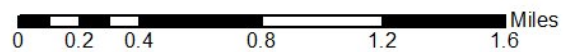
This Report does not provide a full environmental evaluation for the site or adjacent properties. Please see the terms and disclaimer at the end of the Report for greater detail.



# Topographic Information



**Current USGS Topo (2020)**



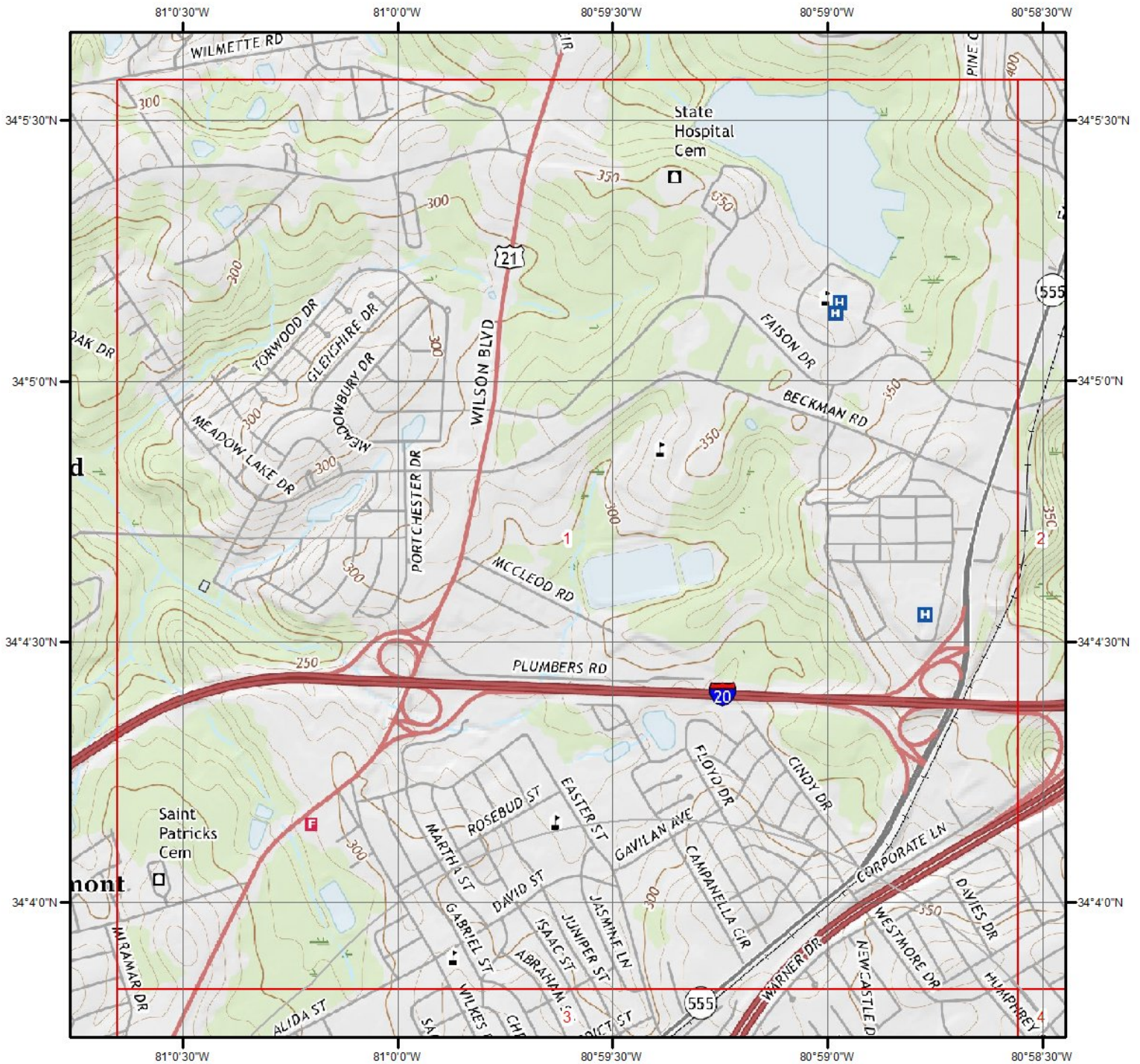
**Quadrangle(s):** Fort Jackson North,SC; Fort Jackson South,SC; Southwest Columbia,SC; Blythewood,SC; Irmo NE,SC; Columbia North,SC

Source: USGS 7.5 Minute Topographic Map





## Topographic Information



### Current USGS Topo - Page 1



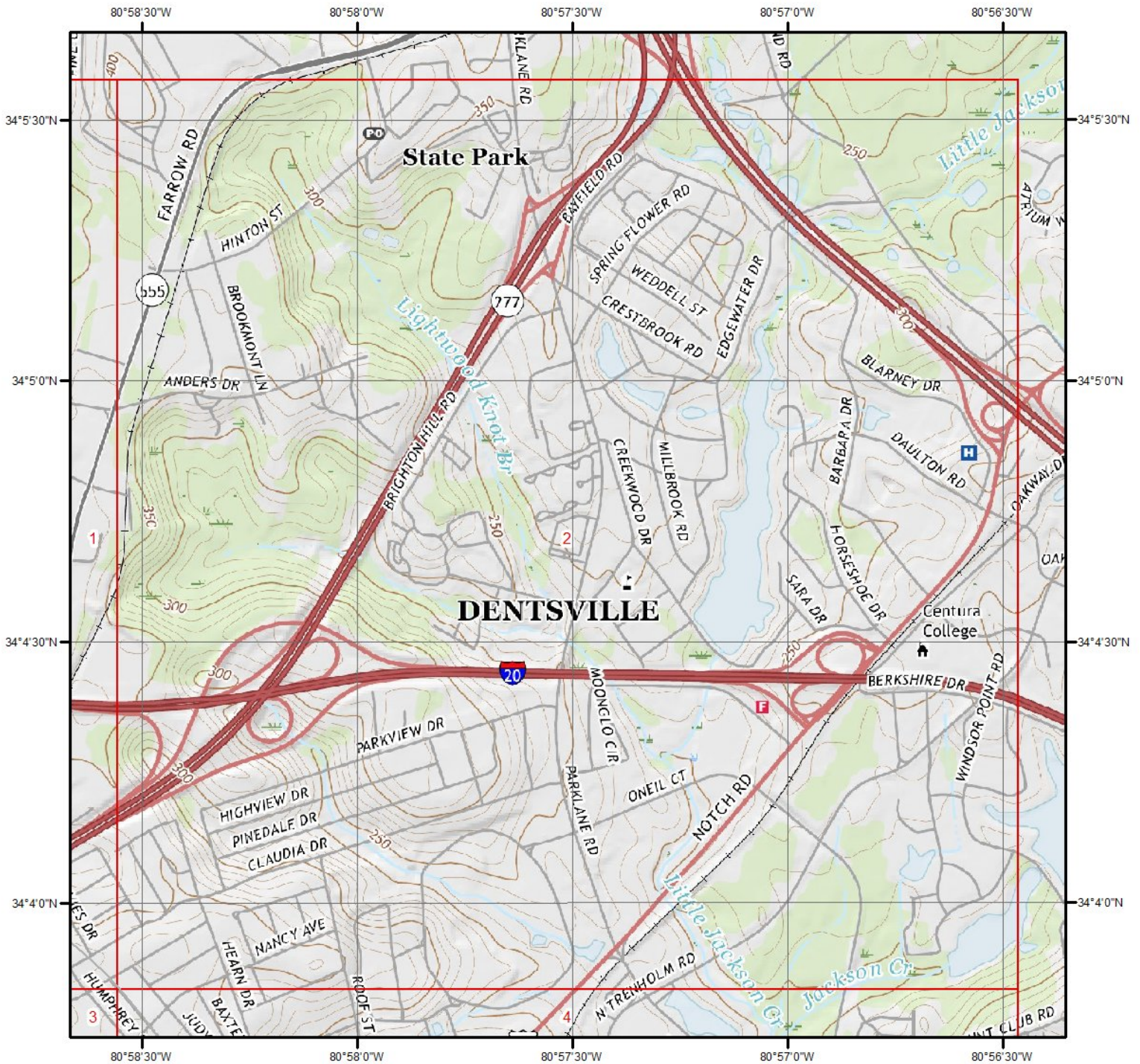
Quadrangle(s): Fort Jackson North,SC; Columbia North,SC

Source: USGS 7.5 Minute Topographic Map

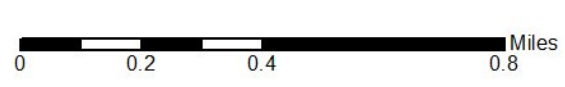




## Topographic Information



**Current USGS Topo - Page 2**



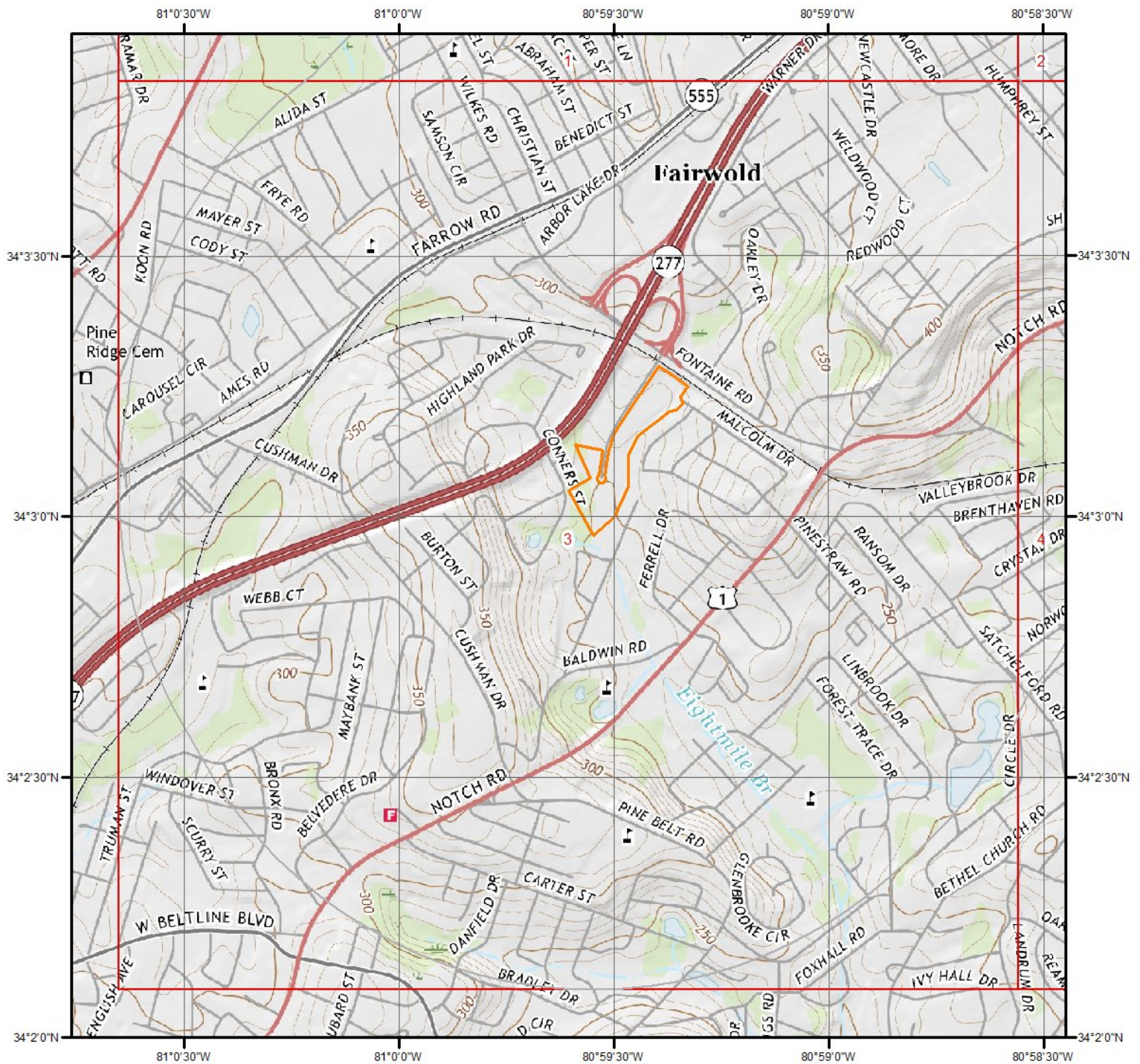
**Quadrangle(s): Fort Jackson North, SC**

Source: USGS 7.5 Minute Topographic Map





## Topographic Information



**Current USGS Topo - Page 3**

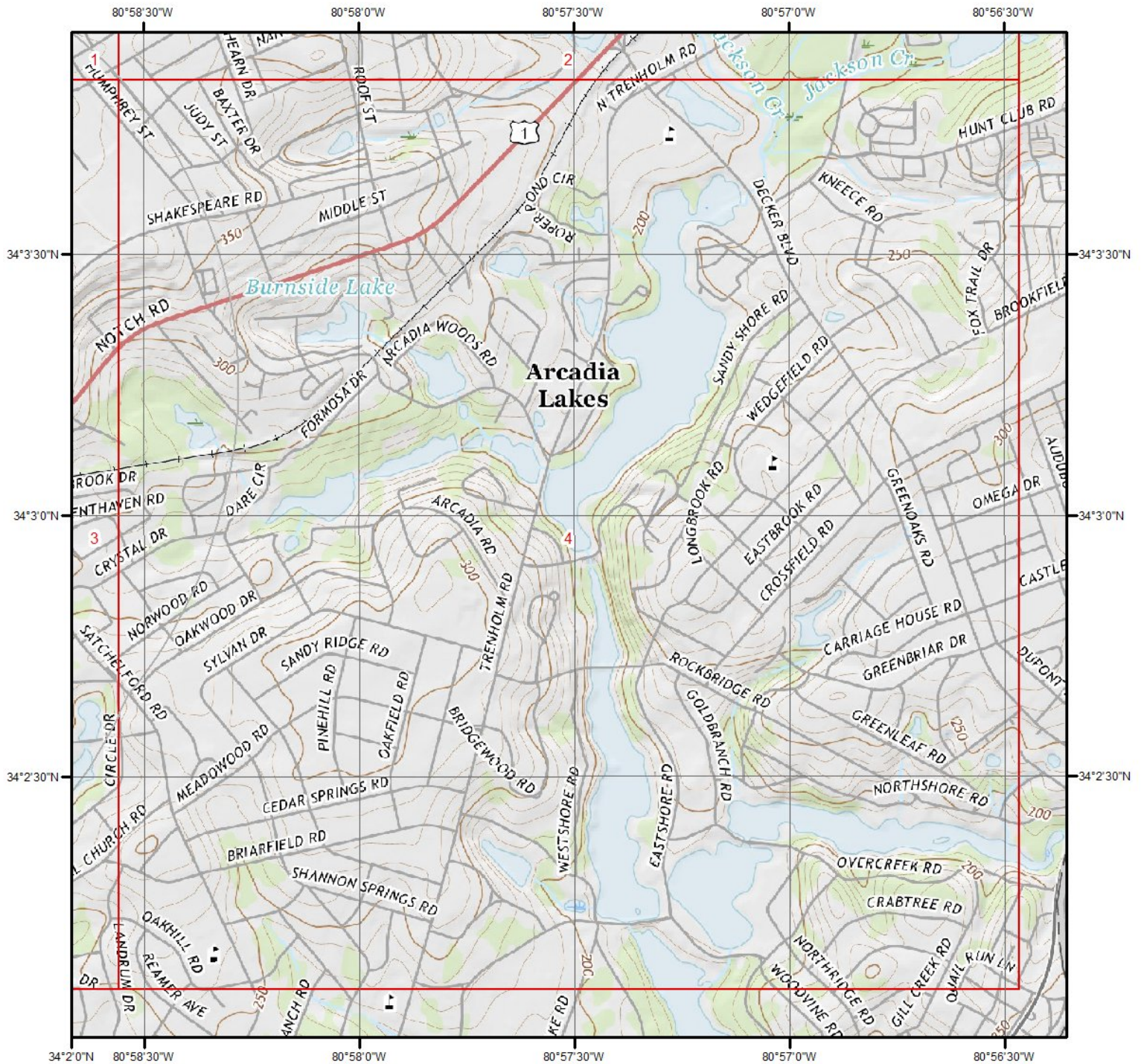
**Quadrangle(s): Fort Jackson North, SC; Columbia North, SC**

Source: USGS 7.5 Minute Topographic Map

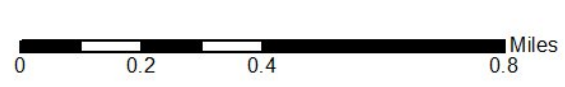




## Topographic Information



**Current USGS Topo - Page 4**



**Quadrangle(s): Fort Jackson North, SC**

Source: USGS 7.5 Minute Topographic Map



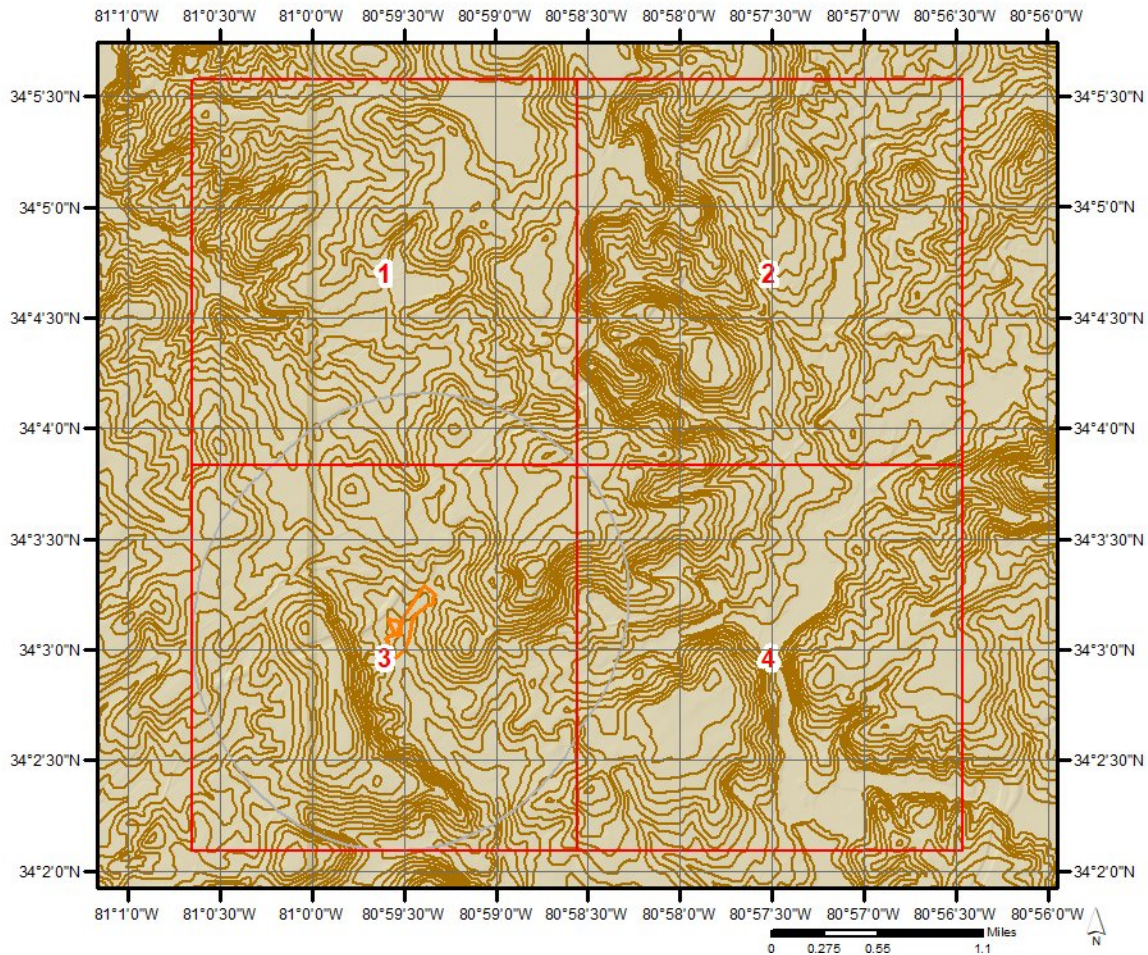


## Topographic Information

The previous topographic map(s) are created by seamlessly merging and cutting current USGS topographic data. Below are shaded relief map(s), derived from USGS elevation data to show surrounding topography in further detail.

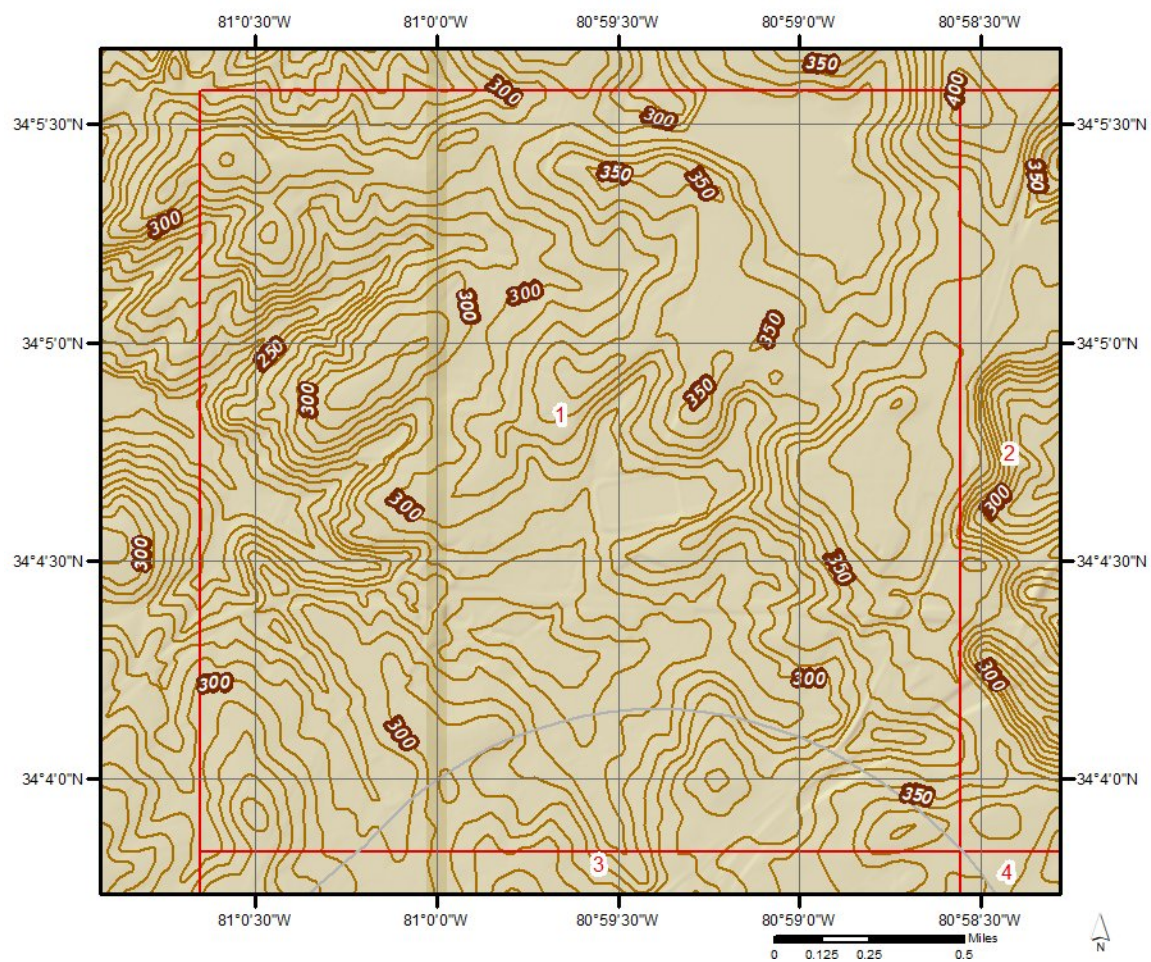
Topographic information at project property:

Elevation: 265.91 ft  
Slope Direction: SE

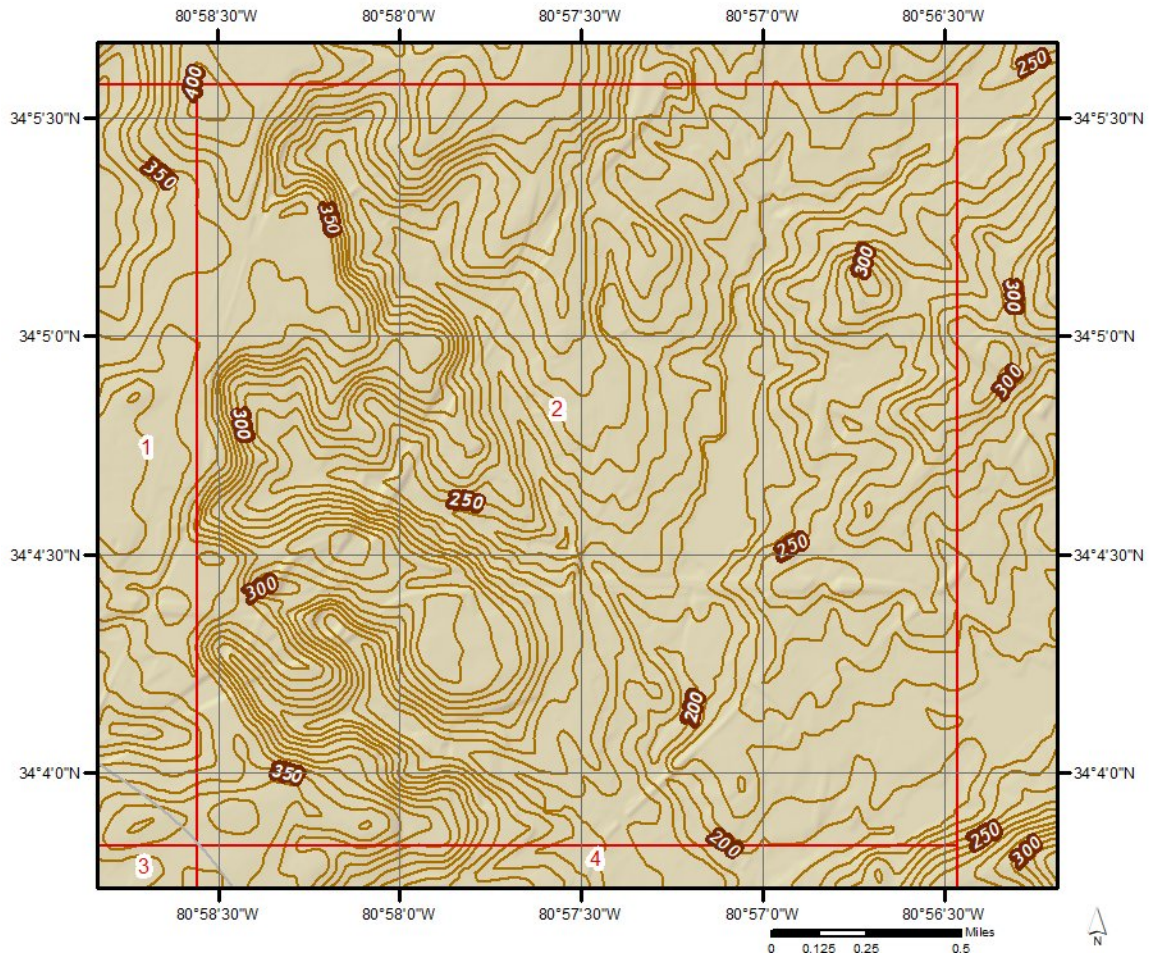




## Topographic Information

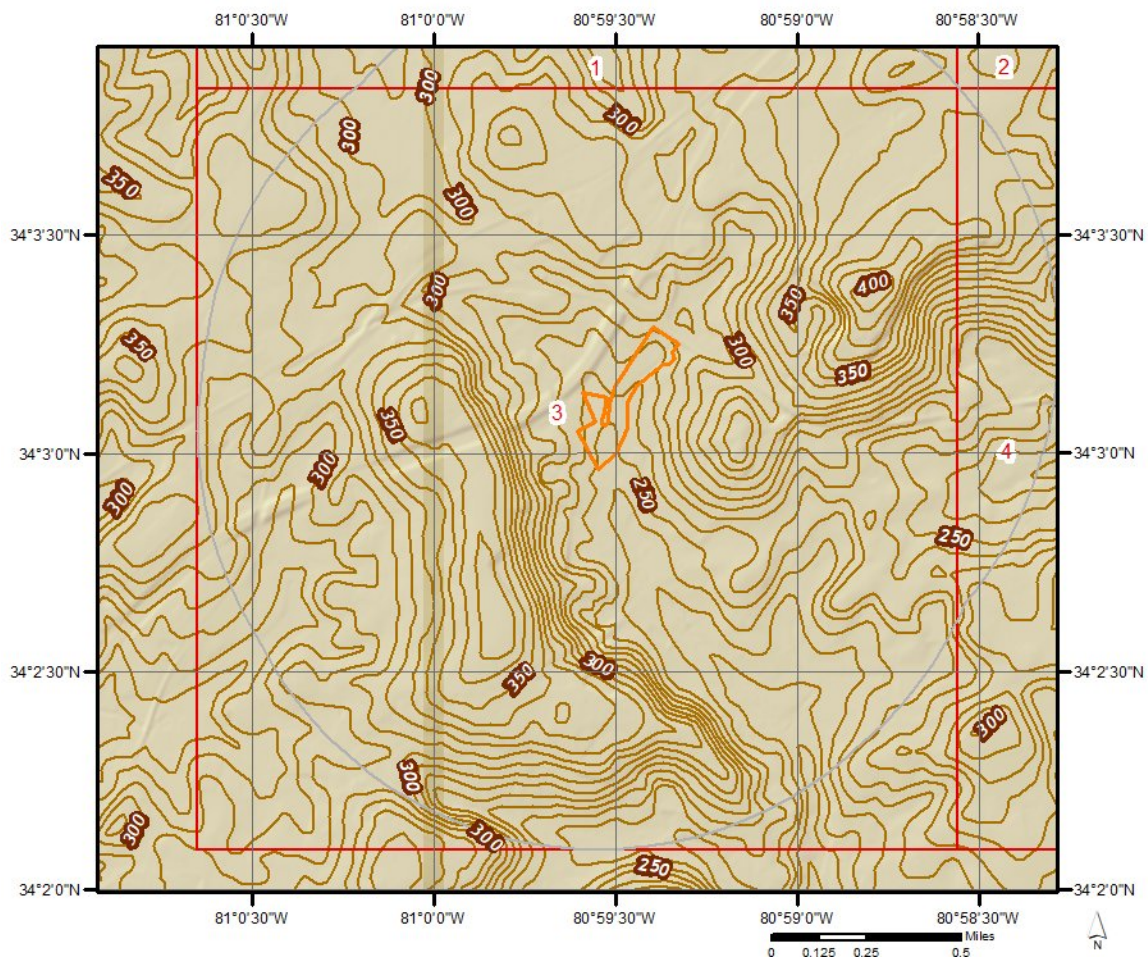


## Topographic Information

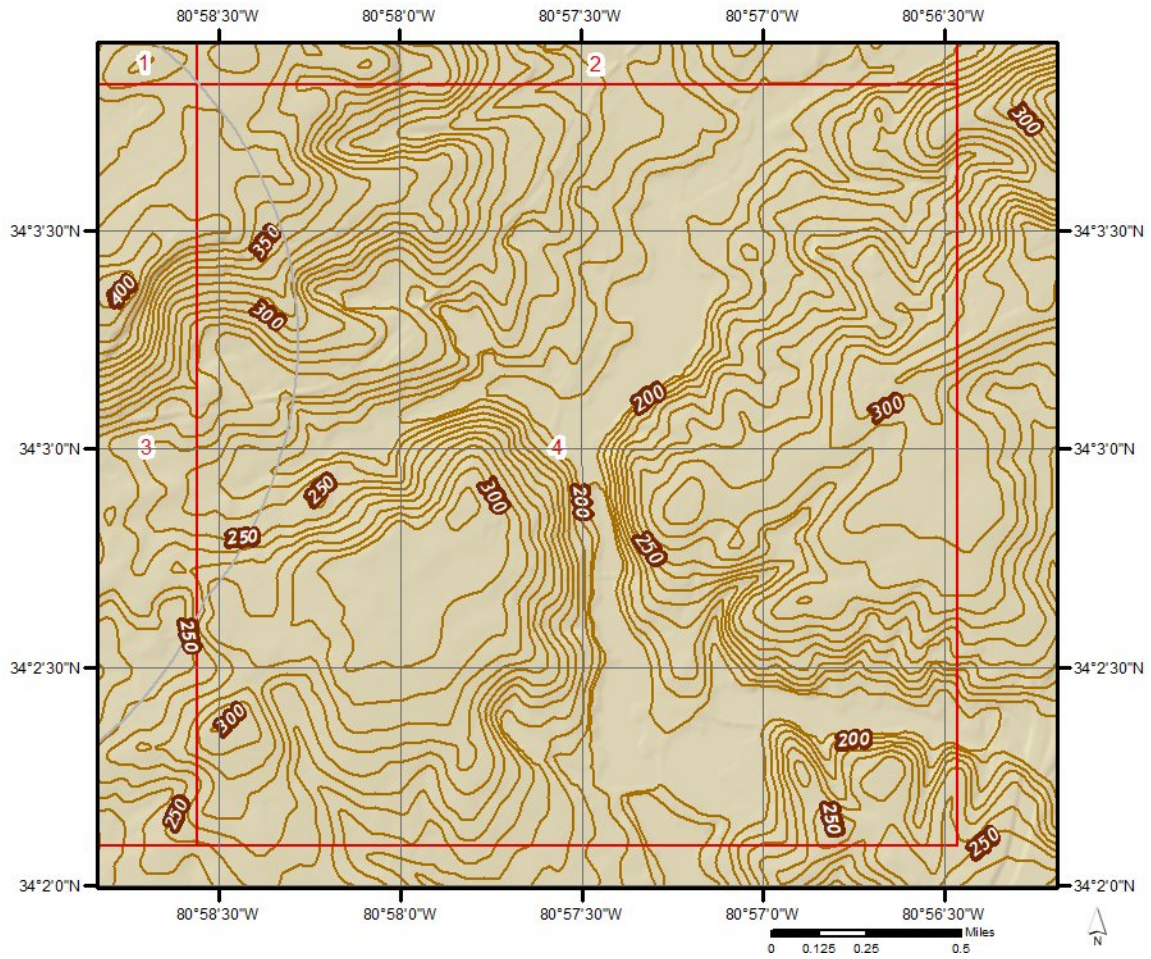




## Topographic Information

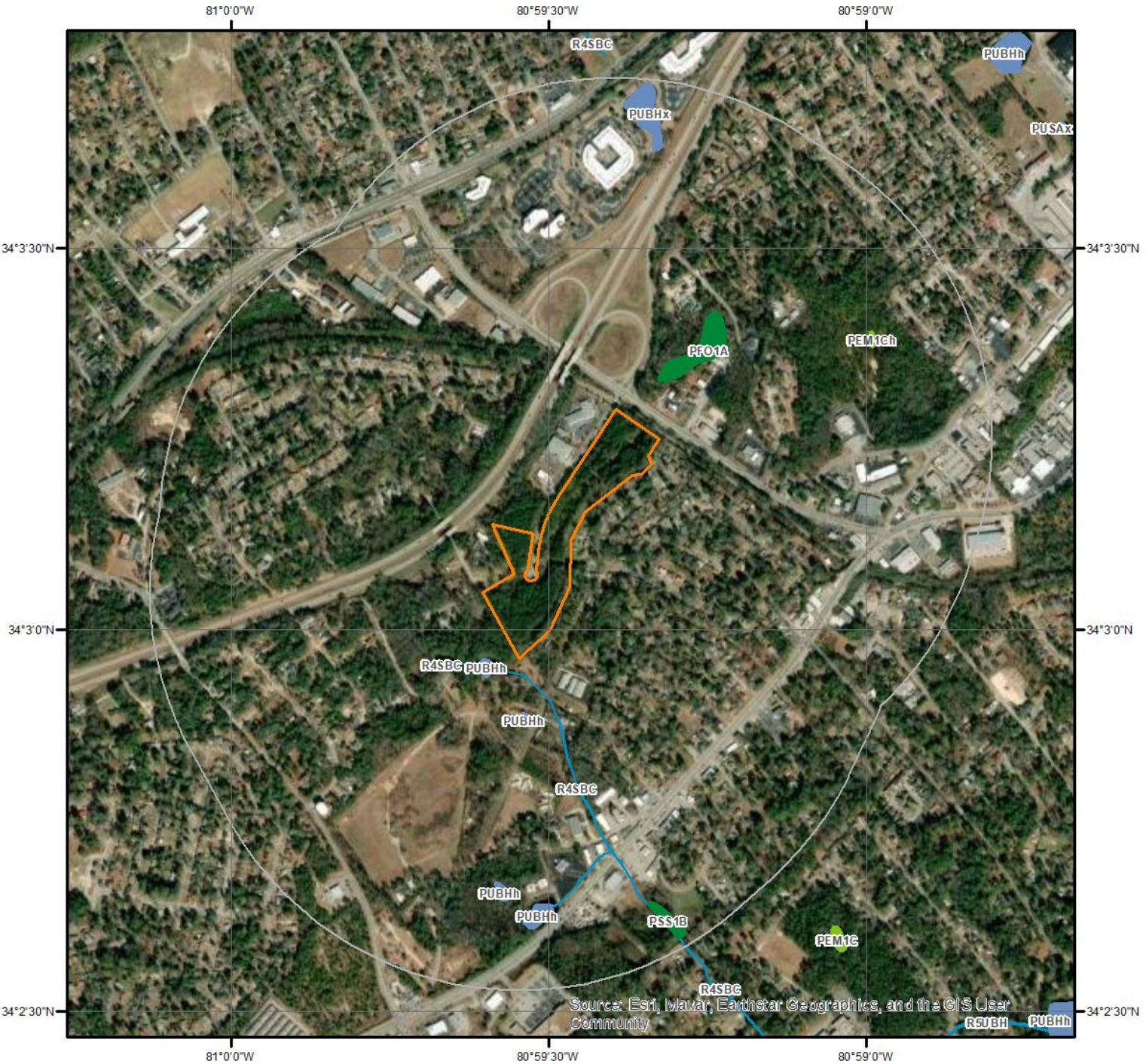


## Topographic Information










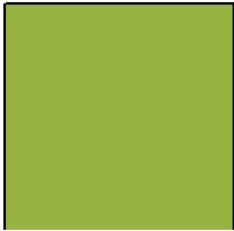
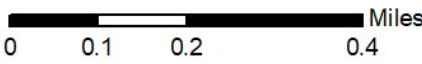
Hydrologic Information



Wetland

This map shows wetland existence using data from US Fish & Wildlife. Data coverage is shown to the right. Gray indicates no data available in the area.

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






Hydrologic Information



Flood Hazard Zones

This map shows FEMA flood hazard zones based on FEMA's National Flood Hazard Layer. FIRM Panels are overlaid. An absent FIRM panel represents no data available.

- |   |   |
|---|---|
|  1% Annual Chance Flood Hazard     |  0.2% Annual Chance Flood Hazard                 |
|  Regulatory Floodway               |  Future Conditions 1% Annual Chance Flood Hazard |
|  Special Floodway                  |  Area with Reduced Risk Due to Levee             |
|  Area of Undetermined Flood Hazard |  Area with Risk Due to Levee                     |
|   |  Open Water                                      |

Quadrangle(s): Fort Jackson North,SC;  
Fort Jackson South,SC; Southwest

0 0.1 0.2 Miles





## Hydrologic Information

The Wetland Type map shows wetland existence overlaid on an aerial imagery. The Flood Hazard Zones map shows FEMA flood hazard zones overlaid on an aerial imagery. Relevant FIRM panels and detailed zone information is provided below. For detailed Zone descriptions please click the link: <https://floodadvocate.com/fema-zone-definitions>

---

Available FIRM Panels in area:	45079C0261L(effective:2017-12-21)
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---

### Flood Zone AE-01

Zone:	AE
Zone subtype:	

---

### Flood Zone AE-11

Zone:	AE
Zone subtype:	FLOODWAY

---

### Flood Zone X-01

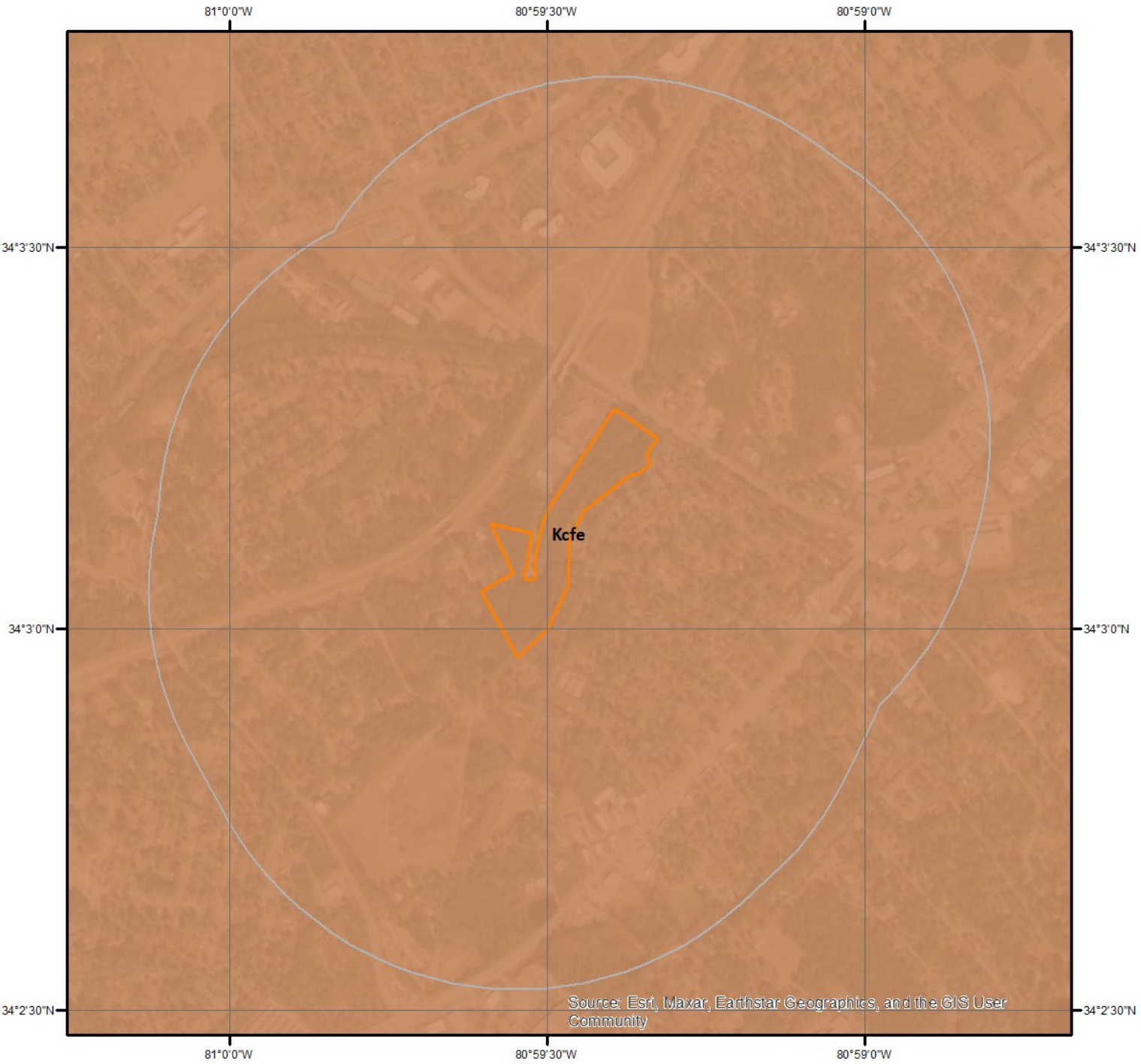
Zone:	X
Zone subtype:	0.2 PCT ANNUAL CHANCE FLOOD HAZARD

---

### Flood Zone X-12

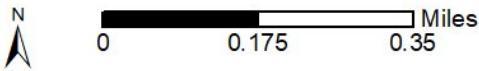
Zone:	X
Zone subtype:	AREA OF MINIMAL FLOOD HAZARD

**Geologic Information**



**Geologic Units**

This maps shows geologic units in the area. Please refer to the report for detailed descriptions.





## Geologic Information

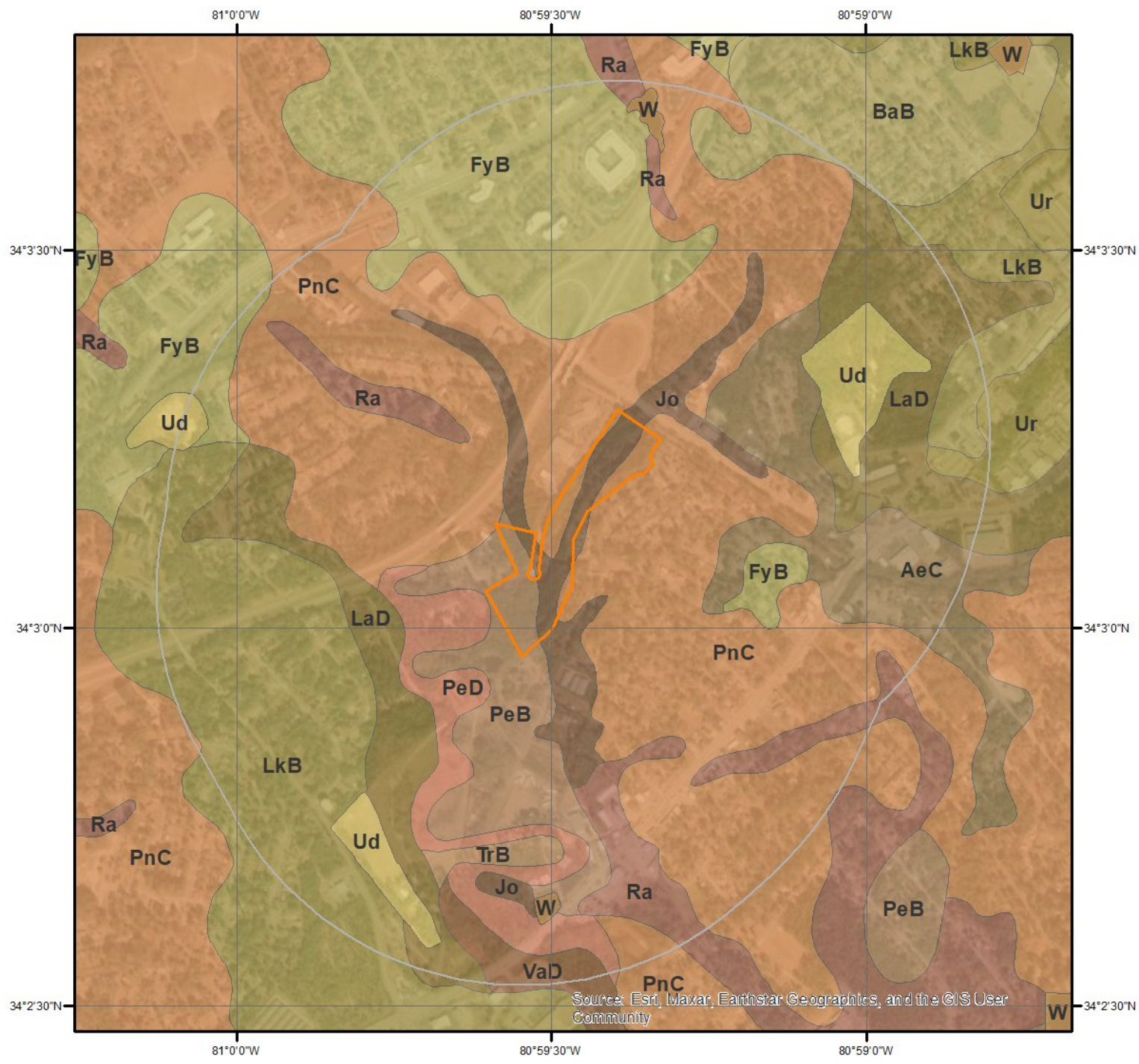
The previous page shows USGS geology information. Detailed information about each unit is provided below.

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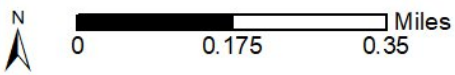
### Geologic Unit Kcfe

Unit Name:	Cape Fear/Eutaw Formations
Unit Age:	Cretaceous
Primary Rock Type:	Sand
Secondary Rock Type:	Gravel
Unit Description:	Poorly sorted clayey sand and gravel deposited in delta-dominated fluvial- and restricted marine environments. Unit is characterized by an abundance of smoky quartz gravel, feldspar, monazite, and garnet typically concentrated in placer deposits. Generally non-marine from North Carolina to central Georgia but contains shallow-water delta-front deposits in western Georgia.

Soil Information



SSURGO Soils



This maps shows SSURGO soil units around the target property. Please refer to the report for detailed soil descriptions.





## Soil Information

The previous page shows a soil map using SSURGO data from USDA Natural Resources Conservation Service. Detailed information about each unit is provided below.

### Map Unit AeC (0.71%)

Map Unit Name:	Ailey loamy sand, 2 to 10 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Ailey(100%)	
horizon A(0cm to 13cm)	Loamy sand
horizon E(13cm to 76cm)	Loamy sand
horizon Bt(76cm to 96cm)	Sandy clay loam
horizon Bx(96cm to 175cm)	Sandy clay loam
horizon BCg(175cm to 206cm)	Sandy clay loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: AeC - Ailey loamy sand, 2 to 10 percent slopes

Component: Ailey (100%)

The Ailey component makes up 100 percent of the map unit. Slopes are 2 to 10 percent. This component is on marine terraces on sandhills. The parent material consists of sandy and loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the F137XY002GA Loamy Summit Woodland - Provisional ecological site. Nonirrigated land capability classification is 4s. This soil does not meet hydric criteria.

### Map Unit BaB (0.7%)

Map Unit Name:	Blanton sand, 0 to 6 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	122cm
Drainage Class - Dominant:	Moderately well drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.

Major components are printed below

Blanton(100%)	
horizon A(0cm to 23cm)	Sand
horizon E(23cm to 127cm)	Sand
horizon Bt(127cm to 244cm)	Sandy clay loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: BaB - Blanton sand, 0 to 6 percent slopes

Component: Blanton (100%)

## Soil Information

The Blanton component makes up 100 percent of the map unit. Slopes are 0 to 6 percent. This component is on marine terraces on sandhills. The parent material consists of sandy and loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 48 inches during January, February, March, December. Organic matter content in the surface horizon is about 1 percent. This component is in the F137XY005GA Loamy Upland Woodland, Thick Sandy Surface - Provisional ecological site. Nonirrigated land capability classification is 3s. This soil does not meet hydric criteria.

### Map Unit FyB (3.38%)

Map Unit Name:	Fuquay-Urban land complex, 0 to 6 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	153cm
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

#### Fuquay(60%)

horizon Ap(0cm to 20cm)	Sand
horizon E(20cm to 89cm)	Sand
horizon Bt1(89cm to 122cm)	Sandy clay loam
horizon Bt2(122cm to 190cm)	Sandy clay loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: FyB - Fuquay-Urban land complex, 0 to 6 percent slopes

Component: Fuquay (60%)

The Fuquay component makes up 60 percent of the map unit. Slopes are 0 to 6 percent. This component is on marine terraces on coastal plains. The parent material consists of plinthic loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 60 inches during January, February, March. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 2s. This soil does not meet hydric criteria.

Component: Urban land (40%)

Generated brief soil descriptions are created for major soil components. The Urban land is a miscellaneous area.

### Map Unit Jo (0.42%)

Map Unit Name:	Johnston loam
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	0cm
Drainage Class - Dominant:	Very poorly drained
Hydrologic Group - Dominant:	A/D - These soils have low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

#### Johnston(100%)

horizon A1(0cm to 23cm)	Loam
horizon A2(23cm to 96cm)	Mucky loam
horizon Cg(96cm to 168cm)	Fine sandy loam

Component Description:

Minor map unit components are excluded from this report.



## Soil Information

Map Unit: Jo - Johnston loam

Component: Johnston (100%)

The Johnston component makes up 100 percent of the map unit. Slopes are 0 to 2 percent. This component is on flood plains, coastal plains. The parent material consists of loamy alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is frequently flooded. It is not ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, April, May, June, July, August, September, October, November, December. Organic matter content in the surface horizon is about 6 percent. Nonirrigated land capability classification is 7w. This soil meets hydric criteria.

---

### Map Unit LaD (1.24%)

Map Unit Name:	Lakeland sand, 10 to 15 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Excessively drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.

Major components are printed below

Lakeland(95%)	
horizon A(0cm to 13cm)	Sand
horizon C1(13cm to 112cm)	Sand
horizon C2(112cm to 213cm)	Sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: LaD - Lakeland sand, 10 to 15 percent slopes

Component: Lakeland (95%)

The Lakeland component makes up 95 percent of the map unit. Slopes are 10 to 15 percent. This component is on dunes, sandhills. The parent material consists of eolian sands. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is excessively drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is very low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 7s. This soil does not meet hydric criteria.

Component: Lucknow (3%)

Generated brief soil descriptions are created for major soil components. The Lucknow soil is a minor component.

Component: Troup (2%)

Generated brief soil descriptions are created for major soil components. The Troup soil is a minor component.

---

### Map Unit LkB (9.22%)

Map Unit Name:	Lakeland-Urban land complex, 2 to 6 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Excessively drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.

Major components are printed below

Lakeland(55%)	
horizon A(0cm to 74cm)	Sand
horizon C(74cm to 251cm)	Sand

## Soil Information

### Component Description:

Minor map unit components are excluded from this report.

Map Unit: LkB - Lakeland-Urban land complex, 2 to 6 percent slopes

#### Component: Lakeland (55%)

The Lakeland component makes up 55 percent of the map unit. Slopes are 2 to 6 percent. This component is on marine terraces on sandhills. The parent material consists of sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is excessively drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the F137XY001GA Dry Sandy Upland Woodland ecological site. Nonirrigated land capability classification is 4s. This soil does not meet hydric criteria.

#### Component: Urban land (45%)

Generated brief soil descriptions are created for major soil components. The Urban land is a miscellaneous area.

---

### Map Unit PeB (0.5%)

Map Unit Name:	Pelion loamy sand, 2 to 6 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	30cm
Drainage Class - Dominant:	Moderately well drained
Hydrologic Group - Dominant:	C/D - These soils have moderately high runoff potential when drained and high runoff potential when undrained.

Major components are printed below

#### Pelion(90%)

horizon A(0cm to 13cm)	Loamy sand
horizon E(13cm to 18cm)	Loamy sand
horizon Bt1(18cm to 66cm)	Sandy clay loam
horizon Bt2(66cm to 145cm)	Sandy clay loam
horizon BCg(145cm to 147cm)	Sandy clay loam
horizon Cg(147cm to 190cm)	Loamy sand

### Component Description:

Minor map unit components are excluded from this report.

Map Unit: PeB - Pelion loamy sand, 2 to 6 percent slopes

#### Component: Pelion (90%)

The Pelion component makes up 90 percent of the map unit. Slopes are 2 to 6 percent. This component is on marine terraces on sandhills. The parent material consists of loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 12 inches during January, February, March, April, November, December. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria.

#### Component: Rains (2%)

Generated brief soil descriptions are created for major soil components. The Rains soil is a minor component.

#### Component: Johnston (1%)

Generated brief soil descriptions are created for major soil components. The Johnston soil is a minor component.

---

### Map Unit PeD (0.37%)

Map Unit Name:	Pelion loamy sand, 6 to 15 percent slopes
Bedrock Depth - Min:	null



## Soil Information

Watertable Depth - Annual Min: 30cm  
Drainage Class - Dominant: Moderately well drained  
Hydrologic Group - Dominant: C/D - These soils have moderately high runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Pelion(100%)

horizon A(0cm to 13cm)	Loamy sand
horizon E(13cm to 18cm)	Loamy sand
horizon Bt1(18cm to 66cm)	Sandy clay loam
horizon Bt2(66cm to 145cm)	Sandy clay loam
horizon BCg(145cm to 147cm)	Sandy clay loam
horizon Cg(147cm to 190cm)	Loamy sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: PeD - Pelion loamy sand, 6 to 15 percent slopes

Component: Pelion (100%)

The Pelion component makes up 100 percent of the map unit. Slopes are 6 to 15 percent. This component is on marine terraces on sandhills. The parent material consists of loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 12 inches during January, February, March, April, November, December. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 6e. This soil does not meet hydric criteria.

---

### Map Unit PnC (79.43%)

Map Unit Name: Pelion-Urban land complex, 2 to 10 percent slopes  
Bedrock Depth - Min: null  
Watertable Depth - Annual Min: 30cm  
Drainage Class - Dominant: Moderately well drained  
Hydrologic Group - Dominant: C/D - These soils have moderately high runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Pelion(60%)

horizon A(0cm to 13cm)	Loamy sand
horizon E(13cm to 18cm)	Loamy sand
horizon Bt1(18cm to 66cm)	Sandy clay loam
horizon Bt2(66cm to 145cm)	Sandy clay loam
horizon BCg(145cm to 147cm)	Sandy clay loam
horizon Cg(147cm to 190cm)	Loamy sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: PnC - Pelion-Urban land complex, 2 to 10 percent slopes

Component: Pelion (60%)

The Pelion component makes up 60 percent of the map unit. Slopes are 2 to 10 percent. This component is on marine terraces on sandhills. The parent material consists of loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 12 inches during January, February, March, April, November, December. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria.

Component: Urban land (40%)

## Soil Information

Generated brief soil descriptions are created for major soil components. The Urban land is a miscellaneous area.

### Map Unit Ra (1.9%)

Map Unit Name:	Rains sandy loam
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	0cm
Drainage Class - Dominant:	Poorly drained
Hydrologic Group - Dominant:	A/D - These soils have low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

#### Rains(100%)

horizon A(0cm to 20cm)	Sandy loam
horizon E(20cm to 30cm)	Sandy loam
horizon Btg(30cm to 173cm)	Sandy clay loam

#### Component Description:

Minor map unit components are excluded from this report.

Map Unit: Ra - Rains sandy loam

#### Component: Rains (100%)

The Rains component makes up 100 percent of the map unit. Slopes are 0 to 2 percent. This component is on depressions, flats, marine terraces on coastal plains. The parent material consists of loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, April, November, December. Organic matter content in the surface horizon is about 4 percent. Nonirrigated land capability classification is 3w. This soil meets hydric criteria.

### Map Unit TrB (0.05%)

Map Unit Name:	Troup sand, 0 to 6 percent slopes, Carolina and Georgia Sand Hills
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Somewhat excessively drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.

Major components are printed below

#### Troup(85%)

horizon Ap(0cm to 25cm)	Sand
horizon E(25cm to 137cm)	Sand
horizon Bt(137cm to 203cm)	Sandy clay loam

#### Component Description:

Minor map unit components are excluded from this report.

Map Unit: TrB - Troup sand, 0 to 6 percent slopes, Carolina and Georgia Sand Hills

#### Component: Troup (85%)

The Troup component makes up 85 percent of the map unit. Slopes are 0 to 6 percent. This component is on marine terraces, upper coastal plains. The parent material consists of loamy fluviomarine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is somewhat excessively drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1



## Soil Information

percent. Nonirrigated land capability classification is 3s. This soil does not meet hydric criteria.

Component: Blanton (5%)

Generated brief soil descriptions are created for major soil components. The Blanton soil is a minor component.

Component: Lakeland (3%)

Generated brief soil descriptions are created for major soil components. The Lakeland soil is a minor component.

Component: Fuquay (3%)

Generated brief soil descriptions are created for major soil components. The Fuquay soil is a minor component.

Component: Wagram (2%)

Generated brief soil descriptions are created for major soil components. The Wagram soil is a minor component.

Component: Lucy (2%)

Generated brief soil descriptions are created for major soil components. The Lucy soil is a minor component.

---

### Map Unit Ud (0.3%)

Map Unit Name: Udorthents

Bedrock Depth - Min: null

Watertable Depth - Annual Min: null

Drainage Class - Dominant: Moderately well drained

Hydrologic Group - Dominant: B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Udorthents(100%)

horizon C(0cm to 152cm) Sandy clay loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Ud - Udorthents

Component: Udorthents (100%)

The Udorthents component makes up 100 percent of the map unit. Slopes are 0 to 10 percent. This component is on leveled land. The parent material consists of loamy marine deposits and clayey residuum. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria.

---

### Map Unit Ur (0.93%)

Map Unit Name: Urban land

No more attributes available for this map unit

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Ur - Urban land

Component: Urban land (100%)

Generated brief soil descriptions are created for major soil components. The Urban land is a miscellaneous area.

---

### Map Unit VaD (0.84%)

## Soil Information

Map Unit Name:	Vaucluse loamy sand, 10 to 15 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Vaucluse(100%)

horizon Ap(0cm to 15cm)	Loamy sand
horizon E(15cm to 38cm)	Loamy sand
horizon Bt(38cm to 74cm)	Sandy clay loam
horizon Bx(74cm to 147cm)	Sandy clay loam
horizon BC(147cm to 183cm)	Sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: VaD - Vaucluse loamy sand, 10 to 15 percent slopes

Component: Vaucluse (100%)

The Vaucluse component makes up 100 percent of the map unit. Slopes are 10 to 15 percent. This component is on marine terraces on sandhills. The parent material consists of loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the F137XY006GA Loamy Backslope Woodland - Provisional ecological site. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria.

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### Map Unit W (0.03%)

Map Unit Name:	Water
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No more attributes available for this map unit

Component Description:

Minor map unit components are excluded from this report.

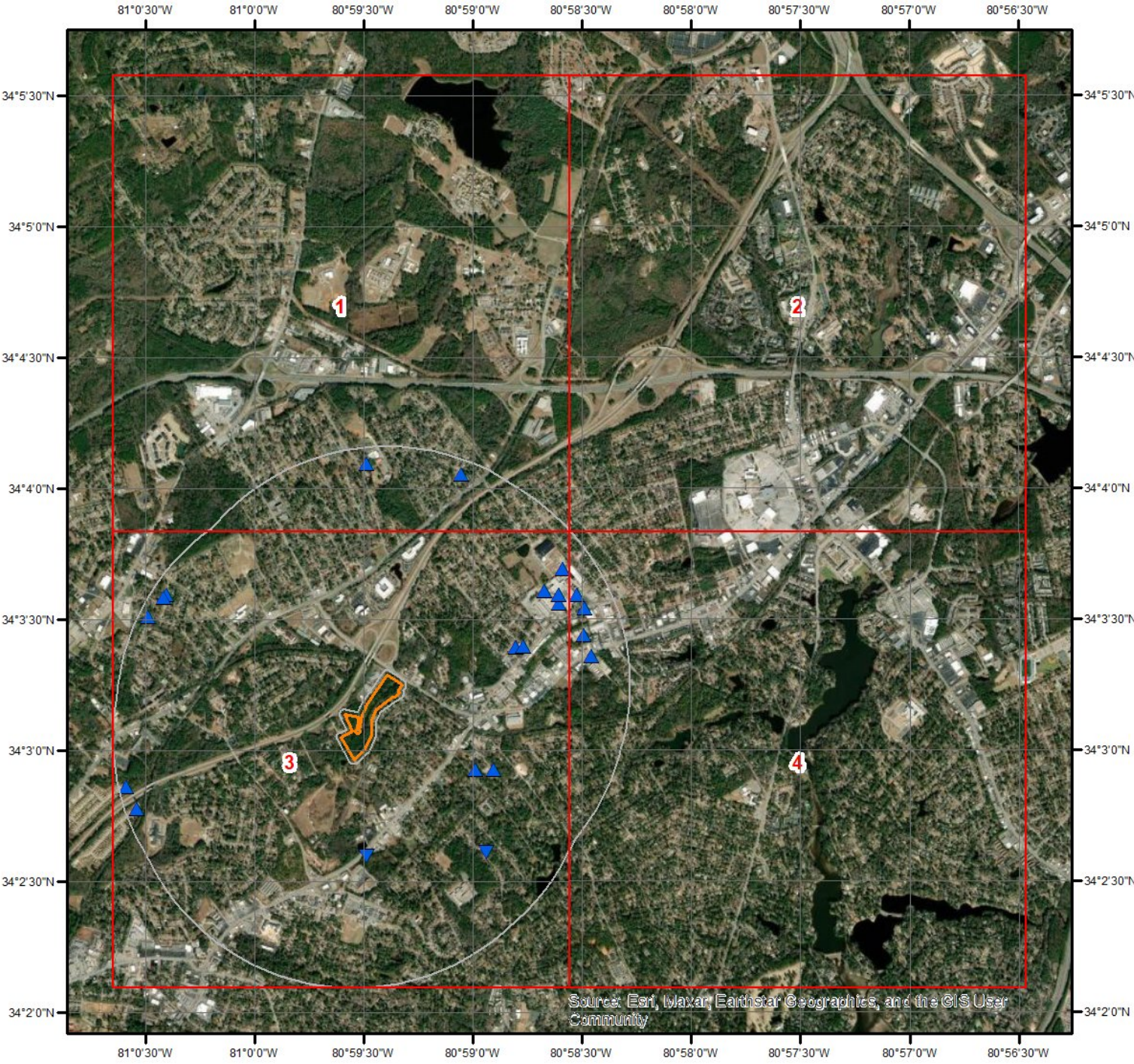
Map Unit: W - Water

Component: Water (100%)

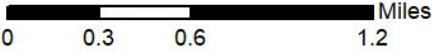
Generated brief soil descriptions are created for major soil components. The Water is a miscellaneous area.



Wells and Additional Sources



Wells & Additional Sources

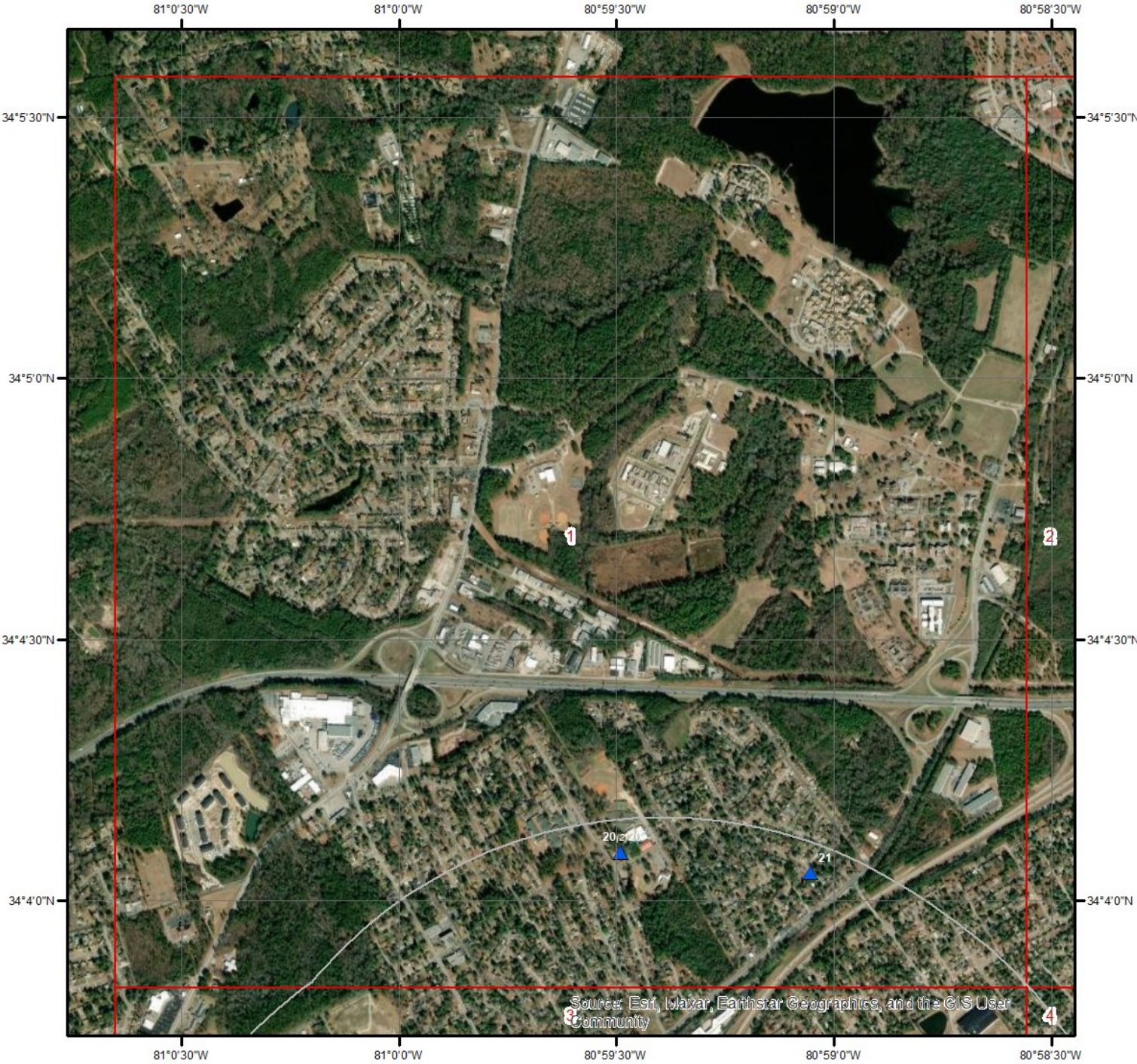


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|--------------------------------|------------------------------------|
| ▲ Sites with Higher Elevation  | ▲ OGW Sites with Higher Elevation  |
| ■ Sites with Same Elevation    | ■ OGW Sites with Same Elevation    |
| ▼ Sites with Lower Elevation   | ▼ OGW Sites with Lower Elevation   |
| ○ Sites with Unknown Elevation | ● OGW Sites with Unknown Elevation |





Wells and Additional Sources



Wells & Additional Sources - Page 1

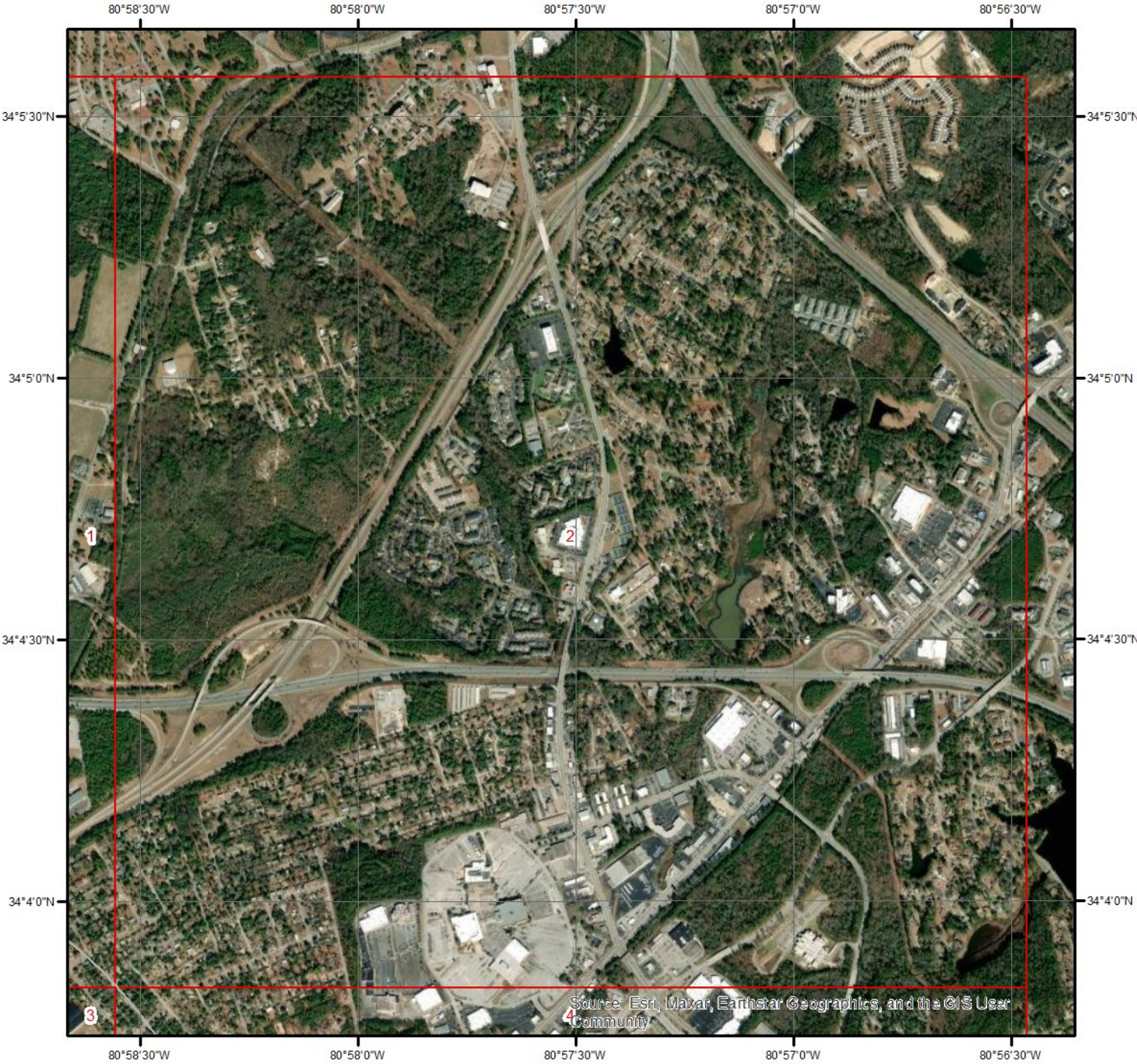


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| ▲ Sites with Higher Elevation  | ▲ OGW Sites with Higher Elevation  |
| ■ Sites with Same Elevation    | ■ OGW Sites with Same Elevation    |
| ▼ Sites with Lower Elevation   | ▼ OGW Sites with Lower Elevation   |
| ○ Sites with Unknown Elevation | ● OGW Sites with Unknown Elevation |





Wells and Additional Sources



Wells & Additional Sources - Page 2

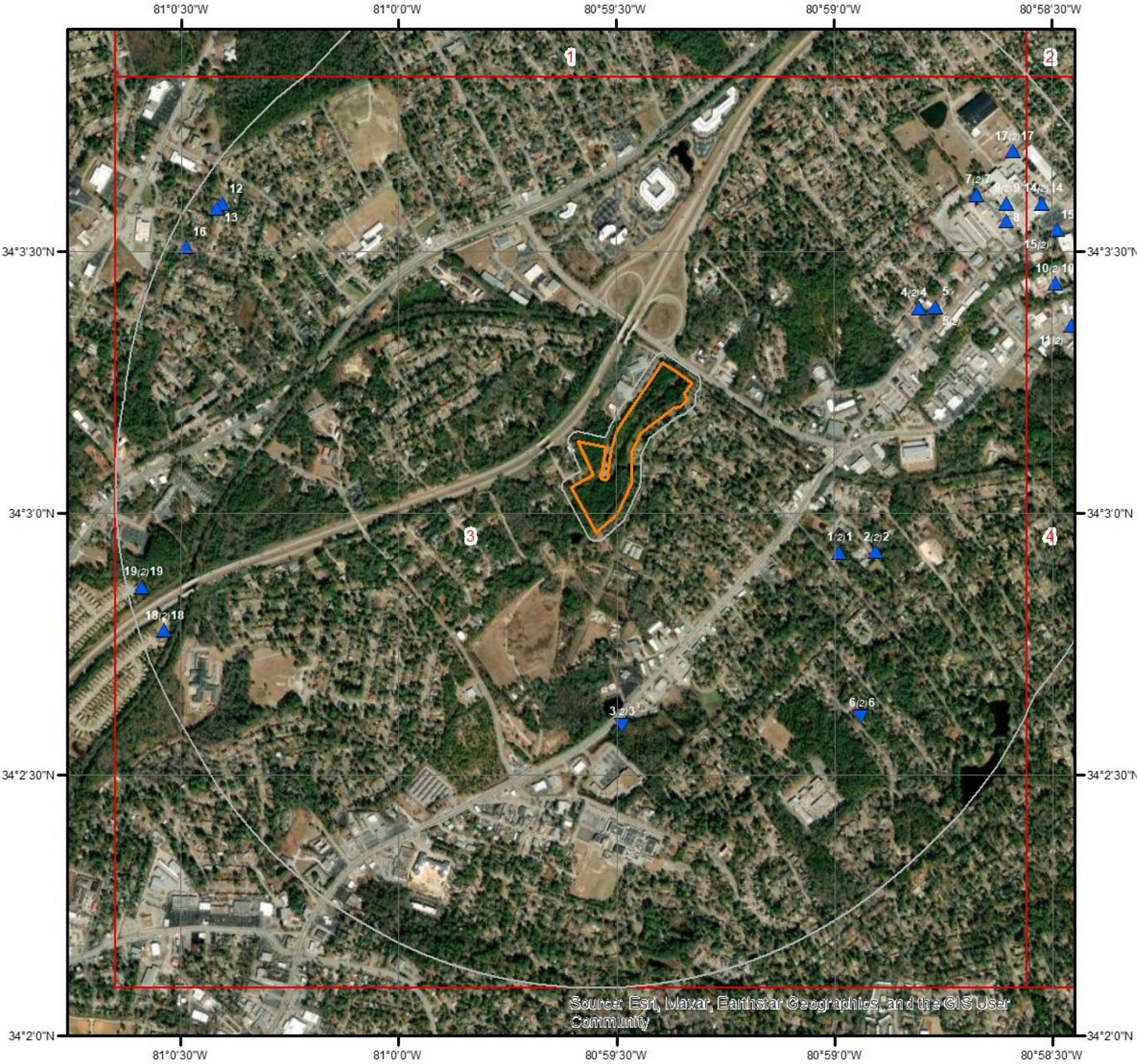


- |                                |                                    |
|--------------------------------|------------------------------------|
| ▲ Sites with Higher Elevation  | ▲ OGW Sites with Higher Elevation  |
| ■ Sites with Same Elevation    | ■ OGW Sites with Same Elevation    |
| ▼ Sites with Lower Elevation   | ▼ OGW Sites with Lower Elevation   |
| ○ Sites with Unknown Elevation | ● OGW Sites with Unknown Elevation |





Wells and Additional Sources



Wells & Additional Sources - Page 3



- |                                |                                    |
|--------------------------------|------------------------------------|
| ▲ Sites with Higher Elevation  | ▲ OGW Sites with Higher Elevation  |
| ■ Sites with Same Elevation    | ■ OGW Sites with Same Elevation    |
| ▼ Sites with Lower Elevation   | ▼ OGW Sites with Lower Elevation   |
| ○ Sites with Unknown Elevation | ● OGW Sites with Unknown Elevation |





Wells and Additional Sources



Wells & Additional Sources - Page 4



- |                                |                                    |
|--------------------------------|------------------------------------|
| ▲ Sites with Higher Elevation  | ▲ OGW Sites with Higher Elevation  |
| ■ Sites with Same Elevation    | ■ OGW Sites with Same Elevation    |
| ▼ Sites with Lower Elevation   | ▼ OGW Sites with Lower Elevation   |
| ○ Sites with Unknown Elevation | ● OGW Sites with Unknown Elevation |





## Wells and Additional Sources Summary

### Federal Sources

#### Public Water Systems Violations and Enforcement Data

Map Key	PWS ID	Distance (ft)	Direction
5	SC4070679	2952.47	ENE
10	SC4150004	4365.59	ENE

#### Safe Drinking Water Information System (SDWIS)

Map Key	PWS ID	Distance (ft)	Direction
5	SC4070679	2952.47	ENE
10	SC4150004	4365.59	ENE
21	SC3260209	4944.77	NNE

#### USGS National Water Information System

Map Key	Site No	Distance (ft)	Direction
1	USGS-340255080590009	2493.90	ESE
2	USGS-340255080585509	2807.45	ESE
3	USGS-340235080593009	2267.27	S
4	USGS-340323080584909	2770.57	ENE
6	USGS-340236080585701	3688.29	SE
7	USGS-340336080584109	3957.87	NE
9	USGS-340335080583501	4192.74	ENE
9	USGS-340335080583709	4192.74	ENE
11	USGS-340321080582809	4448.95	ENE
14	USGS-340335080583209	4561.69	ENE
15	USGS-340332080583009	4587.44	ENE
16	USGS-340330081003000	5062.52	WNW
17	USGS-340341080583609	4591.21	NE
18	USGS-340246081003309	4999.71	WSW
19	USGS-340251081003609	5099.95	WSW
20	USGS-340405080593009	4896.94	N

### State Sources

#### Coastal Plain Well Records

Map Key	Well ID	Distance (ft)	Direction
1	RIC-53	2493.90	ESE
2	RIC-117	2807.45	ESE
3	RIC-115	2267.27	S
4	RIC-475	2770.57	ENE
6	RIC-578	3688.29	SE
7	RIC-149	3957.87	NE
8	RIC-40	4097.67	ENE
9	RIC-41	4192.74	ENE
11	RIC-403	4448.95	ENE
12	RIC-260	4948.60	WNW
13		4968.13	WNW
14	RIC-308	4561.69	ENE
15	RIC-198	4587.44	ENE



## Wells and Additional Sources Summary

17	RIC-290	4591.21	NE
18	RIC-547	4999.71	WSW
19	RIC-548	5099.95	WSW
20	RIC-18	4896.94	N

### Oil and Gas Wells

Map Key	ID	Distance (ft)	Direction
No records found			

### Public Water Supply Wells

Map Key	ID	Distance (ft)	Direction
No records found			

### Underground Injection Control Wells

Map Key	ID	Distance (ft)	Direction
No records found			

### Water Wells

Map Key	ID	Distance (ft)	Direction
No records found			

## Wells and Additional Sources Detail Report

### Public Water Systems Violations and Enforcement Data

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	ENE	0.56	2,952.47	409.95	PWSV

PWS ID: SC4070679  
PWS Type Code: TNCWS  
PWS Type Description: Transient non-community system  
Primary Source Code: GW  
Primary Source Desc: Ground water  
PWS Activity Code: I  
PWS Activity Description: Inactive  
PWS Deactivation Date: 07/01/2001  
Zip Code: 29204  
Phone No: 803-754-7275  
Phone Ext No:  
Admin Name:  
Alt Phone No:  
Email Addr:  
Fax No:  
Cds ID:  
Population Served Count: 26  
Epa Region Desc: Region 4  
Epa Region: 04  
First Reported Date: 01/24/1983  
Gw or Sw: Groundwater  
Gw Sw Code: GW  
Is Grant Eligible Ind: No  
Outstanding Performer:  
Is School or Daycare Ind: No  
Is Source Water Protection:  
Is Wholesaler Ind: No  
Lt2 Schedule Cat:  
Lt2 Schedule Cat Code:  
Last Reported Date: 11/19/2004  
Org Name:  
Outstanding Perform  
Begin Date:  
Owner Type: Local government  
Pop Cat 11: <=100  
Pop Cat 2: <10,000  
Pop Cat 3: <=3300  
Pop Cat 4: <10K  
Pop Cat 5: <=500  
Primacy Agency: South Carolina  
Season Begin Date: 01-01



## Wells and Additional Sources Detail Report

Season End Date: 12-31  
Service Connections Count: 2  
Submission Status Code: Y  
Submissionyearquarter: 2023Q3  
Primacy Type: State  
Dbpr Schedule Category:  
Submission Status: Reported and accepted  
Reduced Monitoring Begin Date:  
Reduced Monitoring End Date:  
Reduced Rtr Monitoring:  
Seasonal Startup System:  
Source Protection Begin Date:  
City Served:  
County Served: Richland

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
10	ENE	0.83	4,365.59	351.33	PWSV

PWS ID: SC4150004  
PWS Type Code: TNCWS  
PWS Type Description: Transient non-community system  
Primary Source Code: GW  
Primary Source Desc: Ground water  
PWS Activity Code: N  
PWS Activity Description: Changed from public to non-public  
PWS Deactivation Date: 10/24/2012  
Zip Code: 29228  
Phone No: 803-957-4237  
Phone Ext No:  
Admin Name: MANSELL, PATRICIA  
Alt Phone No:  
Email Addr:  
Fax No: 803-714-1130  
Cds ID:  
Population Served Count: 0  
Epa Region Desc: Region 4  
Epa Region: 04  
First Reported Date: 02/10/1979  
Gw or Sw: Groundwater  
Gw Sw Code: GW  
Is Grant Eligible Ind: No  
Outstanding Performer:  
Is School or Daycare Ind: No  
Is Source Water Protection: No

## Wells and Additional Sources Detail Report

Is Wholesaler Ind: No  
Lt2 Schedule Cat:  
Lt2 Schedule Cat Code:  
Last Reported Date: 08/28/2023  
Org Name: MANSELL, PATRICIA  
Outstanding Perform  
Begin Date:  
Owner Type: Private  
Pop Cat 11: <=100  
Pop Cat 2: <10,000  
Pop Cat 3: <=3300  
Pop Cat 4: <10K  
Pop Cat 5: <=500  
Primacy Agency: South Carolina  
Season Begin Date: 01-01  
Season End Date: 12-31  
Service Connections Count: 21  
Submission Status Code: Y  
Submissionyearquarter: 2023Q3  
Primacy Type: State  
Dbpr Schedule Category:  
Submission Status: Reported and accepted  
Reduced Monitoring Begin Date:  
Reduced Monitoring End Date:  
Reduced Rtr Monitoring:  
Seasonal Startup System:  
Source Protection Begin Date:  
City Served:  
County Served: Saluda

### Safe Drinking Water Information System (SDWIS)

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	ENE	0.56	2,952.47	409.95	SDWIS

PWS ID: SC4070679  
PWS Type Code: TNCWS  
PSW Type: Transient non-community system  
Primary Source Code: GW  
Primary Source: Ground water  
Pws Activity Code: I  
Activity: Inactive  
PWS Deactivation Dt: 07/01/2001  
Phone No: 803-754-7275  
Phone Ext No:  
Admin Name:



## Wells and Additional Sources Detail Report

Alt Phone No:  
Email Addr:  
Fax No:  
Cds ID:  
Population Served Count: 26  
Epa Region Desc: Region 4  
Epa Region: 04  
First Reported Date: 01/24/1983  
Gw or Sw: Groundwater  
Is Grant Eligible Ind: No  
Outstanding Performer:  
Is School or Daycare Ind: No  
Is Wholesaler Ind: No  
Lt2 Schedule Cat:  
Last Reported Date: 11/19/2004  
Org Name:  
Outstanding Perform  
Begin Date:  
Owner Type: Local government  
Pop Cat 11: <=100  
Pop Cat 2: <10,000  
Pop Cat 3: <=3300  
Pop Cat 4: <10K  
Pop Cat 5: <=500  
Primacy Agency: South Carolina  
Primacy Agency Code: SC  
Season Begin Date: 01-01  
Season End Date: 12-31  
Service Connections Count: 2  
Submission Yr Qtr: 2023Q3  
Primacy Type: State  
Dbpr Schedule Category:  
Submission Status: Reported and accepted  
Reduced Monitoring Begin:  
Reduced Monitoring End Date:  
Reduced Rtr Monitoring:  
Seasonal Startup System:  
Source Protection Begin Date:  
City Served:  
County Served: Richland

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
10	ENE	0.83	4,365.59	351.33	SDWIS

PWS ID: SC4150004

## Wells and Additional Sources Detail Report

PWS Type Code: TNCWS  
PSW Type: Transient non-community system  
Primary Source Code: GW  
Primary Source: Ground water  
Pws Activity Code: N  
Activity: Changed from public to non-public  
PWS Deactivation Dt: 10/24/2012  
Phone No: 803-957-4237  
Phone Ext No:  
Admin Name: MANSELL, PATRICIA  
Alt Phone No:  
Email Addr:  
Fax No: 803-714-1130  
Cds ID:  
Population Served Count: 0  
Epa Region Desc: Region 4  
Epa Region: 04  
First Reported Date: 02/10/1979  
Gw or Sw: Groundwater  
Is Grant Eligible Ind: No  
Outstanding Performer:  
Is School or Daycare Ind: No  
Is Wholesaler Ind: No  
Lt2 Schedule Cat:  
Last Reported Date: 08/28/2023  
Org Name: MANSELL, PATRICIA  
Outstanding Perform  
Begin Date:  
Owner Type: Private  
Pop Cat 11: <=100  
Pop Cat 2: <10,000  
Pop Cat 3: <=3300  
Pop Cat 4: <10K  
Pop Cat 5: <=500  
Primacy Agency: South Carolina  
Primacy Agency Code: SC  
Season Begin Date: 01-01  
Season End Date: 12-31  
Service Connections  
Count: 21  
Submission Yr Qtr: 2023Q3  
Primacy Type: State  
Dbpr Schedule Category:  
Submission Status: Reported and accepted  
Reduced Monitoring  
Begin:  
Reduced Monitoring End  
Date:  
Reduced Rtr Monitoring:  
Seasonal Startup System:



## Wells and Additional Sources Detail Report

Source Protection Begin

Date:

City Served:

County Served: Saluda

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
21	NNE	0.94	4,944.77	316.86	SDWIS

PWS ID: SC3260209

PWS Type Code: CWS

PSW Type: Community water system

Primary Source Code: GW

Primary Source: Ground water

Pws Activity Code: I

Activity: Inactive

PWS Deactivation Dt: 01/01/1994

Phone No: 803-754-0185

Phone Ext No:

Admin Name:

Alt Phone No:

Email Addr:

Fax No:

Cds ID:

Population Served Count: 30

Epa Region Desc: Region 4

Epa Region: 04

First Reported Date: 11/15/1993

Gw or Sw: Groundwater

Is Grant Eligible Ind: No

Outstanding Performer:

Is School or Daycare Ind: No

Is Wholesaler Ind: No

Lt2 Schedule Cat:

Last Reported Date: 11/15/2006

Org Name:

Outstanding Perform

Begin Date:

Owner Type: Public/Private

Pop Cat 11: <=100

Pop Cat 2: <10,000

Pop Cat 3: <=3300

Pop Cat 4: <10K

Pop Cat 5: <=500

Primacy Agency: South Carolina

Primacy Agency Code: SC

Season Begin Date:

Season End Date:

Service Connections 14

## Wells and Additional Sources Detail Report

Count:

Submission Yr Qtr: 2023Q3

Primacy Type: State

Dbpr Schedule Category:

Submission Status: Reported and accepted

Reduced Monitoring

Begin:

Reduced Monitoring End

Date:

Reduced Rtr Monitoring:

Seasonal Startup System:

Source Protection Begin

Date:

City Served:

County Served: Lexington

### USGS National Water Information System

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
1	ESE	0.47	2,493.90	272.89	FED USGS

Site No: USGS-340255080590009

Site Type: Well

Formation Type:

Date Drilled:

Well Depth:

Well Depth Unit:

Well Hole Depth: 135

Well Hole Depth Unit: ft

Reporting Agency: USGS South Carolina Water Science Center

Station Name: RIC- 53

Latitude: 34.04876548000000

Longitude: -80.9831456800000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	ESE	0.53	2,807.45	279.07	FED USGS

Site No: USGS-340255080585509

Site Type: Well

Formation Type: Bedrock

Date Drilled:

Well Depth: 143

Well Depth Unit: ft

Well Hole Depth:

Well Hole Depth Unit:

Reporting Agency: USGS South Carolina Water Science Center

Station Name: RIC- 117

Latitude: 34.04876547000000



## Wells and Additional Sources Detail Report

Longitude: -80.9817568000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	S	0.43	2,267.27	257.47	FED USGS

Site No: USGS-340235080593009  
Site Type: Well  
Formation Type: Bedrock  
Date Drilled:  
Well Depth: 132  
Well Depth Unit: ft  
Well Hole Depth:  
Well Hole Depth Unit:  
Reporting Agency: USGS South Carolina Water Science Center  
Station Name: RIC- 115  
Latitude: 34.04321019000000  
Longitude: -80.9914792000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	ENE	0.52	2,770.57	409.83	FED USGS

Site No: USGS-340323080584909  
Site Type: Well  
Formation Type:  
Date Drilled:  
Well Depth: 200  
Well Depth Unit: ft  
Well Hole Depth:  
Well Hole Depth Unit:  
Reporting Agency: USGS South Carolina Water Science Center  
Station Name: RIC- 475  
Latitude: 34.05654299000000  
Longitude: -80.9800899900000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	SE	0.70	3,688.29	246.00	FED USGS

Site No: USGS-340236080585701  
Site Type: Well  
Formation Type: Middendorf Formation  
Date Drilled: 19960606  
Well Depth: 33.3  
Well Depth Unit: ft  
Well Hole Depth: 35  
Well Hole Depth Unit: ft

## Wells and Additional Sources Detail Report

Reporting Agency: USGS South Carolina Water Science Center  
Station Name: RIC- 578  
Latitude: 34.04348786000000  
Longitude: -80.9823124000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
7	NE	0.75	3,957.87	376.95	FED USGS

Site No: USGS-340336080584109  
Site Type: Well  
Formation Type:  
Date Drilled:  
Well Depth: 260  
Well Depth Unit: ft  
Well Hole Depth:  
Well Hole Depth Unit:  
Reporting Agency: USGS South Carolina Water Science Center  
Station Name: RIC- 149  
Latitude: 34.06015397000000  
Longitude: -80.9778676900000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	ENE	0.79	4,192.74	380.89	FED USGS

Site No: USGS-340335080583501  
Site Type: Well  
Formation Type: Middendorf Formation  
Date Drilled:  
Well Depth: 245  
Well Depth Unit: ft  
Well Hole Depth:  
Well Hole Depth Unit:  
Reporting Agency: USGS South Carolina Water Science Center  
Station Name: RIC- 40  
Latitude: 34.05987619000000  
Longitude: -80.9767566000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	ENE	0.79	4,192.74	380.89	FED USGS

Site No: USGS-340335080583709  
Site Type: Well  
Formation Type: Sand Deposits  
Date Drilled:  
Well Depth: 140



## Wells and Additional Sources Detail Report

Well Depth Unit: ft  
Well Hole Depth:  
Well Hole Depth Unit:  
Reporting Agency: USGS South Carolina Water Science Center  
Station Name: RIC- 41  
Latitude: 34.05987619000000  
Longitude: -80.9767566000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	ENE	0.84	4,448.95	320.02	FED USGS

Site No: USGS-340321080582809  
Site Type: Well  
Formation Type: Sand Deposits  
Date Drilled:  
Well Depth: 92  
Well Depth Unit: ft  
Well Hole Depth:  
Well Hole Depth Unit:  
Reporting Agency: USGS South Carolina Water Science Center  
Station Name: RIC- 403  
Latitude: 34.05598739000000  
Longitude: -80.9742566000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	ENE	0.86	4,561.69	379.64	FED USGS

Site No: USGS-340335080583209  
Site Type: Well  
Formation Type: Sand Deposits  
Date Drilled:  
Well Depth: 162  
Well Depth Unit: ft  
Well Hole Depth: 177  
Well Hole Depth Unit: ft  
Reporting Agency: USGS South Carolina Water Science Center  
Station Name: RIC- 308  
Latitude: 34.05987618000000  
Longitude: -80.9753677000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
15	ENE	0.87	4,587.44	385.08	FED USGS

Site No: USGS-340332080583009  
Site Type: Well

## Wells and Additional Sources Detail Report

Formation Type: Sand Deposits  
Date Drilled:  
Well Depth: 170  
Well Depth Unit: ft  
Well Hole Depth:  
Well Hole Depth Unit:  
Reporting Agency: USGS South Carolina Water Science Center  
Station Name: RIC- 198  
Latitude: 34.05904286000000  
Longitude: -80.9748121000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
16	WNW	0.96	5,062.52	340.71	FED USGS

Site No: USGS-340330081003000  
Site Type: Well  
Formation Type: Quaternary System  
Date Drilled:  
Well Depth: 65  
Well Depth Unit: ft  
Well Hole Depth:  
Well Hole Depth Unit:  
Reporting Agency: USGS South Carolina Water Science Center  
Station Name: RIC- 260  
Latitude: 34.05848737000000  
Longitude: -81.0081461000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
17	NE	0.87	4,591.21	371.33	FED USGS

Site No: USGS-340341080583609  
Site Type: Well  
Formation Type: Sand Deposits  
Date Drilled:  
Well Depth: 170  
Well Depth Unit: ft  
Well Hole Depth: 192  
Well Hole Depth Unit: ft  
Reporting Agency: USGS South Carolina Water Science Center  
Station Name: RIC- 290  
Latitude: 34.06154280000000  
Longitude: -80.9764788000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
18	WSW	0.95	4,999.71	309.46	FED USGS



## Wells and Additional Sources Detail Report

Site No: USGS-340246081003309  
Site Type: Well  
Formation Type:  
Date Drilled:  
Well Depth: 540  
Well Depth Unit: ft  
Well Hole Depth: 750  
Well Hole Depth Unit: ft  
Reporting Agency: USGS South Carolina Water Science Center  
Station Name: RIC- 547  
Latitude: 34.04626549000000  
Longitude: -81.0089796000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
19	WSW	0.97	5,099.95	319.18	FED USGS

Site No: USGS-340251081003609  
Site Type: Well  
Formation Type:  
Date Drilled:  
Well Depth: 524  
Well Depth Unit: ft  
Well Hole Depth:  
Well Hole Depth Unit:  
Reporting Agency: USGS South Carolina Water Science Center  
Station Name: RIC- 548  
Latitude: 34.04765430000000  
Longitude: -81.0098130000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	N	0.93	4,896.94	281.99	FED USGS

Site No: USGS-340405080593009  
Site Type: Well  
Formation Type: Sand Deposits  
Date Drilled:  
Well Depth: 60  
Well Depth Unit: ft  
Well Hole Depth:  
Well Hole Depth Unit:  
Reporting Agency: USGS South Carolina Water Science Center  
Station Name: RIC- 18  
Latitude: 34.06820940000000  
Longitude: -80.9914789000000

### Coastal Plain Well Records

## Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
1	ESE	0.47	2,493.90	272.89	WATER WELLS
<div> <div>Well ID: RIC-53</div> <div>SCGR ID: 30O-o2</div> <div>Co No:</div> <div>Use:</div> <div>WI Ft:</div> <div>Depth D: 135</div> <div>Depth C:</div> <div>WI:</div> <div>WI Q:</div> <div>Diam 1:</div> <div>Diam 2:</div> <div>OH Cas:</div> <div>Screen T:</div> <div>Screen B:</div> <div>SCGS Sampl: no</div> <div>Object ID 1: 12792</div> <div>Well Use: PS</div> <div>Chem:</div> <div>G Logs:</div> <div>Well Use Desc:</div> <div>Chem Desc: no analysis</div> <div>G Logs Desc:</div> <div>Global ID: 095d5ab8-2b0e-4884-bf28-05d6af9f69a7</div> <div>Remarks: Geologist's log.</div> </div> <div> <div>Owner Well ID:</div> <div>WI Yr:</div> <div>Driller: Sox</div> <div>Drill Yr:</div> <div>Drill Mo:</div> <div>Topo: Fort Jackson North</div> <div>Elev:</div> <div>Location:</div> <div>Yield:</div> <div>Yield Yr:</div> <div>D Logs: No</div> <div>D Logs Text: &lt;Null&gt;</div> <div>P Test: No</div> <div>P Test Text: &lt;Null&gt;</div> <div>County: Richland</div> <div>Latitude: 34.0487596842</div> <div>Longitude: -80.9831407493</div> <div>X: -80.98313752668305</div> <div>Y: 34.04875306213342</div> </div>					
Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	ESE	0.53	2,807.45	279.07	WATER WELLS
<div> <div>Well ID: RIC-117</div> <div>SCGR ID: 30O-n2</div> <div>Co No:</div> <div>Use:</div> <div>WI Ft:</div> <div>Depth D:</div> <div>Depth C: 143</div> <div>WI:</div> <div>WI Q:</div> <div>Diam 1:</div> <div>Diam 2:</div> <div>OH Cas: 120</div> <div>Screen T:</div> <div>Screen B:</div> </div> <div> <div>Owner Well ID:</div> <div>WI Yr:</div> <div>Driller: Manning</div> <div>Drill Yr: 1953</div> <div>Drill Mo: 9</div> <div>Topo: Fort Jackson North</div> <div>Elev: 305</div> <div>Location:</div> <div>Yield: 8</div> <div>Yield Yr: 1953</div> <div>D Logs: No</div> <div>D Logs Text: &lt;Null&gt;</div> <div>P Test: No</div> <div>P Test Text: &lt;Null&gt;</div> </div>					



## Wells and Additional Sources Detail Report

SCGS Sampl:	no	County:	Richland
Object ID 1:	12822	Latitude:	34.0487597082
Well Use:	DOM	Longitude:	-80.9817507162
Chem:		X:	-80.98174749427324
G Logs:		Y:	34.04875308637944
Well Use Desc:			
Chem Desc:	no analysis		
G Logs Desc:			
Global ID:	9fff342b-6e1a-4e32-84b0-ae0ce69563c4		
Remarks:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	S	0.43	2,267.27	257.47	WATER WELLS

Well ID:	RIC-115	Owner Well ID:	
SCGR ID:	30O-o1	WI Yr:	
Co No:		Driller:	Manning
Use:		Drill Yr:	1954
WI Ft:		Drill Mo:	3
Depth D:		Topo:	Fort Jackson North
Depth C:	132	Elev:	250
WI:		Location:	
WI Q:		Yield:	6
Diam 1:	4	Yield Yr:	1954
Diam 2:		D Logs:	Yes - log in DNR files
OH Cas:	101	D Logs Text:	Yes
Screen T:		P Test:	No
Screen B:		P Test Text:	<Null>
SCGS Sampl:	no	County:	Richland
Object ID 1:	12820	Latitude:	34.043209656
Well Use:	IND	Longitude:	-80.991480998
Chem:		X:	-80.99147777367375
G Logs:		Y:	34.04320303579974
Well Use Desc:			
Chem Desc:	no analysis		
G Logs Desc:			
Global ID:	e529e273-c8d4-41cb-99a4-b03a18c46338		
Remarks:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	ENE	0.52	2,770.57	409.83	WATER WELLS

Well ID:	RIC-475	Owner Well ID:	
SCGR ID:	30O-g7	WI Yr:	1984
Co No:		Driller:	
Use:		Drill Yr:	1955

## Wells and Additional Sources Detail Report

WI Ft:	109	Drill Mo:	
Depth D:		Topo:	Fort Jackson North
Depth C:	200	Elev:	410
WI:		Location:	
WI Q:		Yield:	
Diam 1:	2	Yield Yr:	
Diam 2:		D Logs:	No
OH Cas:		D Logs Text:	<Null>
Screen T:		P Test:	No
Screen B:		P Test Text:	<Null>
SCGS Sampl:	no	County:	Richland
Object ID 1:	13094	Latitude:	34.0565395584
Well Use:	UNU	Longitude:	-80.9800906119
Chem:		X:	-80.98008739024888
G Logs:		Y:	34.0565329343079
Well Use Desc:			
Chem Desc:	no analysis		
G Logs Desc:			
Global ID:	b21b787d-d16f-4b7f-bcc9-43539fe2ef44		
Remarks:	Drilling date estimated.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	SE	0.70	3,688.29	246.00	WATER WELLS

Well ID:	RIC-578	Owner Well ID:	
SCGR ID:	30O-n3	WI Yr:	1996
Co No:		Driller:	USGS
Use:		Drill Yr:	1996
WI Ft:	21	Drill Mo:	6
Depth D:	35	Topo:	Fort Jackson North
Depth C:	33	Elev:	240
WI:		Location:	
WI Q:		Yield:	
Diam 1:	2	Yield Yr:	
Diam 2:		D Logs:	Yes - log in DNR files
OH Cas:		D Logs Text:	Yes
Screen T:	28	P Test:	No
Screen B:	33	P Test Text:	<Null>
SCGS Sampl:	no	County:	Richland
Object ID 1:	13190	Latitude:	34.0434798129
Well Use:	OBS	Longitude:	-80.9823107693
Chem:	C	X:	-80.98230754720167
G Logs:		Y:	34.04347319204687
Well Use Desc:			
Chem Desc:	complete analysis		
G Logs Desc:			



## Wells and Additional Sources Detail Report

Global ID: 1e30a32f-87ba-43e3-bf24-6832b2442749  
Remarks: NAWQA well 16.2

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
7	NE	0.75	3,957.87	373.51	WATER WELLS

Well ID:	RIC-149	Owner Well ID:	
SCGR ID:	30O-g8	WI Yr:	
Co No:		Driller:	
Use:		Drill Yr:	
WI Ft:	120	Drill Mo:	
Depth D:		Topo:	Fort Jackson North
Depth C:	260	Elev:	385
WI:		Location:	
WI Q:		Yield:	
Diam 1:		Yield Yr:	
Diam 2:		D Logs:	No
OH Cas:		D Logs Text:	<Null>
Screen T:		P Test:	No
Screen B:	260	P Test Text:	<Null>
SCGS Sampl:	no	County:	Richland
Object ID 1:	12849	Latitude:	34.0601495049
Well Use:	DES	Longitude:	-80.9778705224
Chem:	C	X:	-80.97786730126893
G Logs:		Y:	34.06014288059476
Well Use Desc:			
Chem Desc:	complete analysis		
G Logs Desc:			
Global ID:	5adb8b3c-22df-4c5a-ab5c-2f7c7018c48a		
Remarks:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
8	ENE	0.78	4,097.67	381.93	WATER WELLS

Well ID:	RIC-40	Owner Well ID:	
SCGR ID:	30O-g5	WI Yr:	1989
Co No:		Driller:	Connolly
Use:		Drill Yr:	1949
WI Ft:	82	Drill Mo:	
Depth D:	245	Topo:	Fort Jackson North
Depth C:	245	Elev:	390
WI:		Location:	
WI Q:		Yield:	15
Diam 1:	6	Yield Yr:	1955
Diam 2:		D Logs:	No
OH Cas:	233	D Logs Text:	<Null>

## Wells and Additional Sources Detail Report

Screen T:	98	P Test:	No
Screen B:	135	P Test Text:	<Null>
SCGS Sampl:	no	County:	Richland
Object ID 1:	12783	Latitude:	34.0593195447
Well Use:	OBS	Longitude:	-80.9767505057
Chem:	C	X:	-80.97674728546382
G Logs:	C	Y:	34.05931292050836
Well Use Desc:			
Chem Desc:	complete analysis		
G Logs Desc:	caliper log		
Global ID:	cf243217-663e-4be4-b3cd-50466c9208ca		
Remarks:	Well is both screened and open-hole.		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	ENE	0.79	4,192.74	380.89	WATER WELLS

Well ID:	RIC-41	Owner Well ID:	
SCGR ID:	30O-g3	WI Yr:	
Co No:		Driller:	Connolly
Use:		Drill Yr:	1949
WI Ft:		Drill Mo:	
Depth D:		Topo:	Fort Jackson North
Depth C:	140	Elev:	385
WI:		Location:	
WI Q:		Yield:	12
Diam 1:	8	Yield Yr:	
Diam 2:		D Logs:	No
OH Cas:		D Logs Text:	<Null>
Screen T:	120	P Test:	No
Screen B:	140	P Test Text:	<Null>
SCGS Sampl:	no	County:	Richland
Object ID 1:	12784	Latitude:	34.0598695315
Well Use:	IND	Longitude:	-80.9767505009
Chem:		X:	-80.97674728047224
G Logs:		Y:	34.059862906949874
Well Use Desc:			
Chem Desc:	no analysis		
G Logs Desc:			
Global ID:	d360fabc-af70-447e-a47f-1e83a86a3d2e		
Remarks:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	ENE	0.84	4,448.95	320.02	WATER WELLS

Well ID:	RIC-403	Owner Well ID:	
SCGR ID:	30O-g6	WI Yr:	1980



## Wells and Additional Sources Detail Report

Co No:	Driller:	AAA Well Drilling
Use:	Drill Yr:	1980
WI Ft: 41	Drill Mo:	2
Depth D:	Topo:	Fort Jackson North
Depth C: 92	Elev:	290
WI:	Location:	
WI Q:	Yield:	20
Diam 1: 6	Yield Yr:	1980
Diam 2:	D Logs:	Yes - log in DNR files
OH Cas:	D Logs Text:	Yes
Screen T: 72	P Test:	No
Screen B: 92	P Test Text:	<Null>
SCGS Sampl: no	County:	Richland
Object ID 1: 13028	Latitude:	34.0559796834
Well Use: PS	Longitude:	-80.9742505225
Chem: P	X:	-80.97424730298813
G Logs:	Y:	34.05597305951082
Well Use Desc:		
Chem Desc: partial analysis		
G Logs Desc:		
Global ID: 355680f2-94b7-41f7-9e5d-167619ce2372		
Remarks:		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
12	WNW	0.94	4,948.60	344.80	WATER WELLS

Well ID: RIC-260	Owner Well ID:	
SCGR ID: 31O-j1	WI Yr:	
Co No:	Driller:	
Use:	Drill Yr:	1953
WI Ft:	Drill Mo:	
Depth D:	Topo:	Columbia North
Depth C: 65	Elev:	
WI:	Location:	
WI Q:	Yield:	
Diam 1: 3	Yield Yr:	
Diam 2:	D Logs:	No
OH Cas:	D Logs Text:	<Null>
Screen T:	P Test:	No
Screen B:	P Test Text:	<Null>
SCGS Sampl: no	County:	Richland
Object ID 1: 12929	Latitude:	34.0598689994
Well Use:	Longitude:	-81.0067512755
Chem: C	X:	-81.00674804688944
G Logs:	Y:	34.059862375987635
Well Use Desc:		

## Wells and Additional Sources Detail Report

Chem Desc: complete analysis  
 G Logs Desc:  
 Global ID: 810c1c00-5680-4efd-940a-3cf3c71c07bd  
 Remarks: High iron.

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
13	WNW	0.94	4,968.13	345.87	WATER WELLS

Well ID:	Owner Well ID:
SCGR ID: 31O-j1	WI Yr:
Co No: RIC-260	Driller:
Use:	Drill Yr: 1953
WI Ft:	Drill Mo:
Depth D:	Topo: Columbia North
Depth C: 65	Elev:
WI:	Location: 1738 Cody St.
WI Q:	Yield:
Diam 1: 3	Yield Yr:
Diam 2:	D Logs: 0 - no log
OH Cas:	D Logs Text:
Screen T:	P Test: 0 - no pumping test
Screen B:	P Test Text:
SCGS Sampl:	County: Richland
Object ID 1:	Latitude: 34.05972222
Well Use:	Longitude: -81.006944444444444444444444444444
Chem: C	X:
G Logs:	Y:
Well Use Desc:	
Chem Desc: complete analysis	
G Logs Desc:	
Global ID:	
Remarks: High iron.	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	ENE	0.86	4,561.69	379.97	WATER WELLS

Well ID: RIC-308	Owner Well ID:
SCGR ID: 30O-g1	WI Yr:
Co No:	Driller: Heater Well Co.
Use:	Drill Yr: 1972
WI Ft:	Drill Mo: 7
Depth D: 177	Topo: Fort Jackson North
Depth C: 162	Elev: 390
WI:	Location:
WI Q:	Yield: 60



## Wells and Additional Sources Detail Report

Diam 1:	8	Yield Yr:	1972
Diam 2:		D Logs:	Yes - log in DNR files
OH Cas:		D Logs Text:	Yes
Screen T:	132	P Test:	No
Screen B:	160	P Test Text:	<Null>
SCGS Sampl:	no	County:	Richland
Object ID 1:	12968	Latitude:	34.059869556
Well Use:	IND	Longitude:	-80.9753704719
Chem:	P	X:	-80.97536725170913
G Logs:		Y:	34.059862931252226
Well Use Desc:			
Chem Desc:	partial analysis		
G Logs Desc:			
Global ID:	15f8ed96-cf04-4928-a0fb-825b09610a4c		
Remarks:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
15	ENE	0.87	4,587.44	385.08	WATER WELLS

Well ID:	RIC-198	Owner Well ID:	
SCGR ID:	30O-g4	WI Yr:	1962
Co No:		Driller:	Layne-Atlantic
Use:		Drill Yr:	1962
WI Ft:	105	Drill Mo:	9
Depth D:		Topo:	Fort Jackson North
Depth C:	170	Elev:	385
WI:		Location:	
WI Q:		Yield:	65
Diam 1:	6	Yield Yr:	1962
Diam 2:		D Logs:	No
OH Cas:		D Logs Text:	<Null>
Screen T:		P Test:	No
Screen B:	170	P Test Text:	<Null>
SCGS Sampl:	no	County:	Richland
Object ID 1:	12889	Latitude:	34.0590396018
Well Use:	IND	Longitude:	-80.9748105093
Chem:		X:	-80.97480728902882
G Logs:		Y:	34.05903297783375
Well Use Desc:			
Chem Desc:	no analysis		
G Logs Desc:			
Global ID:	3544e4f8-6077-49e8-8bea-c16fc7856e2d		
Remarks:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
17	NE	0.87	4,591.21	371.33	WATER WELLS

## Wells and Additional Sources Detail Report

Well ID:	RIC-290	Owner Well ID:	
SCGR ID:	30O-g2	WI Yr:	1968
Co No:		Driller:	Layne-Atlantic
Use:		Drill Yr:	1968
WI Ft:	90	Drill Mo:	3
Depth D:	192	Topo:	Fort Jackson North
Depth C:	170	Elev:	390
WI:		Location:	
WI Q:		Yield:	85
Diam 1:	10	Yield Yr:	1968
Diam 2:		D Logs:	Yes - log in DNR files
OH Cas:		D Logs Text:	Yes
Screen T:	145	P Test:	No
Screen B:	170	P Test Text:	<Null>
SCGS Sampl:	no	County:	Richland
Object ID 1:	12955	Latitude:	34.0615394963
Well Use:	IND	Longitude:	-80.9764804805
Chem:		X:	-80.9764772602643
G Logs:		Y:	34.06153287157863
Well Use Desc:			
Chem Desc:	no analysis		
G Logs Desc:			
Global ID:	6be981b7-4f70-4a2d-92f1-2c12e5087a5c		
Remarks:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
18	WSW	0.95	4,999.71	309.46	WATER WELLS

Well ID:	RIC-547	Owner Well ID:	
SCGR ID:	31O-k2	WI Yr:	1995
Co No:		Driller:	McCall Brothers
Use:		Drill Yr:	1995
WI Ft:	22	Drill Mo:	1
Depth D:	750	Topo:	Columbia North
Depth C:	540	Elev:	290
WI:		Location:	
WI Q:		Yield:	110
Diam 1:	6	Yield Yr:	1995
Diam 2:		D Logs:	Yes - log in DNR files
OH Cas:		D Logs Text:	Yes
Screen T:	522	P Test:	No
Screen B:	532	P Test Text:	<Null>
SCGS Sampl:	no	County:	Richland
Object ID 1:	13159	Latitude:	34.0462592789
Well Use:	ABN	Longitude:	-81.0089814508



## Wells and Additional Sources Detail Report

Chem:	X:	-81.00897822128552
G Logs:	Y:	34.04625265866862
Well Use Desc:		
Chem Desc:	no analysis	
G Logs Desc:		
Global ID:	6d3a6f93-9607-4376-8e89-d0b75c7f6548	
Remarks:	Bedrock at 120 feet.	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
19	WSW	0.97	5,099.95	319.18	WATER WELLS

Well ID:	RIC-548	Owner Well ID:	
SCGR ID:	31O-k3	WI Yr:	
Co No:		Driller:	McCall Brothers
Use:		Drill Yr:	1995
WI Ft:		Drill Mo:	11
Depth D:		Topo:	Columbia North
Depth C:	524	Elev:	320
WI:		Location:	
WI Q:		Yield:	25
Diam 1:		Yield Yr:	1995
Diam 2:		D Logs:	No
OH Cas:		D Logs Text:	<Null>
Screen T:		P Test:	No
Screen B:		P Test Text:	<Null>
SCGS Sampl:	no	County:	Richland
Object ID 1:	13160	Latitude:	34.0476492344
Well Use:	ABN	Longitude:	-81.0098114635
Chem:		X:	-81.00980823469752
G Logs:		Y:	34.04764261308095
Well Use Desc:			
Chem Desc:	no analysis		
G Logs Desc:			
Global ID:	422a4b3c-d9d0-425c-83a4-f0dc061d9f31		
Remarks:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	N	0.93	4,896.94	281.99	WATER WELLS

Well ID:	RIC-18	Owner Well ID:	
SCGR ID:	30O-e3	WI Yr:	
Co No:		Driller:	
Use:		Drill Yr:	
WI Ft:		Drill Mo:	
Depth D:		Topo:	Fort Jackson North
Depth C:	60	Elev:	

## Wells and Additional Sources Detail Report

WI:		Location:	
WI Q:		Yield:	
Diam 1:	2	Yield Yr:	
Diam 2:		D Logs:	No
OH Cas:		D Logs Text:	<Null>
Screen T:		P Test:	No
Screen B:		P Test Text:	<Null>
SCGS Sampl:	no	County:	Richland
Object ID 1:	12777	Latitude:	34.0682090718
Well Use:	IND	Longitude:	-80.9914807783
Chem:		X:	-80.99147755275072
G Logs:		Y:	34.068202446032
Well Use Desc:			
Chem Desc:	no analysis		
G Logs Desc:			
Global ID:	41e0f07a-95c5-418d-9c0d-d4078bec436c		
Remarks:			



## Radon Information

This section lists any relevant radon information found for the target property.

Federal EPA Radon Zone for *RICHLAND* County: **3**

*Zone 1: Counties with predicted average indoor radon screening levels greater than 4 pCi/L*

*Zone 2: Counties with predicted average indoor radon screening levels from 2 to 4 pCi/L*

*Zone 3: Counties with predicted average indoor radon screening levels less than 2 pCi/L*

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### Federal Area Radon Information for *RICHLAND* County

No Measures/Homes:	87
Geometric Mean:	0.4
Arithmetic Mean:	0.7
Median:	0.4
Standard Deviation:	0.9
Maximum:	5.7
% >4 pCi/L:	1
% >20 pCi/L:	0
Notes on Data Table:	TABLE 1. Screening indoor radon data from the EPA/State Residential Radon Survey of South Carolina conducted during 1990-91. Data represent 2-7 day charcoal canister measurement from the lowest level of each home tested.

## **Federal Sources**

### **FEMA National Flood Hazard Layer**

**FEMA FLOOD**

The National Flood Hazard Layer (NFHL) data incorporates Flood Insurance Rate Map (FIRM) databases published by the Federal Emergency Management Agency (FEMA), and any Letters Of Map Revision (LOMRs) that have been issued against those databases since their publication date. The FIRM Database is the digital, geospatial version of the flood hazard information shown on the published paper FIRMs. The FIRM Database depicts flood risk information and supporting data used to develop the risk data. The FIRM Database is derived from Flood Insurance Studies (FISs), previously published FIRMs, flood hazard analyses performed in support of the FISs and FIRMs, and new mapping data, where available.

### **Indoor Radon Data**

**INDOOR RADON**

Indoor radon measurements tracked by the Environmental Protection Agency(EPA) and the State Residential Radon Survey.

### **Public Water Systems Violations and Enforcement Data**

**PWSV**

This list of drinking water violations and enforcement actions is sourced from the U.S Environmental Protection Agency's (EPA) Enforcement and Compliance History Online (ECHO) system that incorporates Public Water Systems data from EPA's Safe Drinking Water Information System (SDWIS) database, as part of the national download of Safe Drinking Water Act (SDWA) data. SDWIS contains information on public water systems from the Public Water System Supervision (PWSS) Program, including monitoring, enforcement, and violation data related to requirements established by the SWDA. Address information provided in SWDIS may correspond either with the physical location of the water system, or with a contact address.

### **Radon Zone Level**

**RADON ZONE**

Areas showing the level of Radon Zones (level 1, 2 or 3) by county. This data is maintained by the Environmental Protection Agency (EPA).

### **Safe Drinking Water Information System (SDWIS)**

**SDWIS**

This national download of Safe Drinking Water Act (SDWA) data is sourced from the U.S Environmental Protection Agency's (EPA) Enforcement and Compliance History Online (ECHO) system that incorporates Public Water Systems data from EPA's Safe Drinking Water Information System (SDWIS) database. SDWIS contains information on public water systems from the Public Water System Supervision (PWSS) Program related to requirements established by the Safe Drinking Water Act (SDWA). Address information provided in SWDIS may correspond either with the physical location of the water system, or with a contact address.

### **Soil Survey Geographic database**

**SSURGO**

The Soil Survey Geographic database (SSURGO) contains information about soil as collected by the National Cooperative Soil Survey at the Natural Resources Conservation Service (NRCS). Soil maps outline areas called map units. The map units are linked to soil properties in a database. Each map unit may contain one to three major components and some minor components.

### **U.S. Fish & Wildlife Service Wetland Data**

**US WETLAND**

The U.S. Fish & Wildlife Service Wetland layer represents the approximate location and type of wetlands and deepwater habitats in the United States.

### **USGS Current Topo**

**US TOPO**

US Topo topographic maps are produced by the National Geospatial Program of the U.S. Geological Survey (USGS). The project was launched in late 2009, and the term "US Topo" refers specifically to quadrangle topographic maps published in 2009 and later.

### **USGS Geology**

**US GEOLOGY**

Seamless maps depicting geological information provided by the United States Geological Survey (USGS).

### **USGS National Water Information System**

**FED USGS**

The U.S. Geological Survey's (USGS) National Water Information System (NWIS) is the nation's principal repository of water resources data. The data includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data. This NWIS database information is obtained through the Water Quality Data Portal (WQP). The WQP

# Appendix

is a cooperative service sponsored by the USGS, the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC).

## State Sources

### Coastal Plain Well Records

WATER WELLS

A list of water wells in the Coastal Plain counties of South Carolina. This is provided by Department of Natural Resource's Hydrology Section.

### Oil and Gas Wells

OGW

As of RI state regulatory agencies, FracTracker Alliance - state of South Carolina confirmed not to have any active (drilled but not plugged) oil and gas wells.

### Public Water Supply Wells

PWSW

A list of Public Water Supply Wells made available by the South Carolina Department of Environmental Services (SCDES) Bureau of Water (BOW).

### Underground Injection Control Wells

UIC

This list of Underground Injection Control Class V Wells is provided by the South Carolina Department of Environmental Services (SCDES). The majority of Class V Wells are aquifer remediation injection wells, and the remaining are Aquifer Storage and Recovery Wells (storage of potable water in the subsurface).

### Water Wells

WATER WELLS

A list of water wells in the Piedmont (upstate) counties made available by by the South Carolina Department of Natural Resources. Some well locations are approximated to the nearest degree and minute of latitude and longitude.



## Liability Notice

**Reliance on information in Report:** The Physical Setting Report (PSR) DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a review of environmental databases and physical characteristics for the site or adjacent properties.

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## APPENDIX D: QUALIFICATIONS/INSURANCE

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## Education

Master of Science, Zoology, University of Pretoria, South Africa  
Bachelor of Science (Honors), Zoology, University of Pretoria, South Africa  
Bachelor of Science, Environment and Society, Florida State University, FL

## Highlights

Wildlife Rehabilitation Intern  
Field Researcher  
Wildlife Management  
Species Monitoring  
Habitat Restoration  
Phase I Environmental Site Assessments  
Transaction Screen Assessments  
Environmental Desktop Reports

## Experience Summary

Ms. Osburn serves as a Project Assessor with Partner Engineering and Science, Inc. (Partner) and is responsible for conducting Database Reviews (DRs), Records Search with Risk Assessment (RSRAs) and Historical Records and Database Reviews (HRDRs) for various clients including banks, investors, REITs and developers. She has recently started conducting Phase I Environmental Site Assessments for clients on various types of properties including multi-family residential and vacant land.

Prior to joining Partner, Kayla lived in South Africa, where she earned both her Bachelor of Science (Honors) and Master of Science (with Distinction) degrees in Zoology. During her time there, she served as the lead scientist on noninvasive behavioral endocrinology research projects, working with a variety of species. Her expertise includes field research, ecological assessments, data analysis, and scientific communication.

She is proficient in GIS mapping, environmental monitoring, and habitat restoration, and has presented at multiple scientific conferences. Her work has been published in *Journal of Zoology* and *MethodsX*. Beyond her academic achievements, she also served as a Game Reserve Manager, where she developed and implemented wildlife management strategies to maintain ecosystem balance. In this role, she monitored animal populations, coordinated with staff, and oversaw daily operations to ensure both safety and efficiency.

Kayla continues to apply her diverse background to environmental consulting. She brings expertise in research, project coordination, and stakeholder collaboration, and is driven by a commitment to conservation, sustainability, regulatory compliance, and environmental due diligence. She is also in the process of completing the required asbestos training hours to obtain her licensure in the state of North Carolina.

## Project Experience

**Database Reviews.** Ms. Osburn has performed DRs for single-family residential, multi-family residential, retail properties, commercial properties, and undeveloped acreage.



## Kayla Osburn

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*Records Search with Risk Assessments, 102 S G St - Vandergriff Architects, Midland, Texas* Ms. Osburn has preform RSRA for a commercial property.

*Phase 1 Environmental Assessments- Ghost Writing.* Ms. Osburn has assisted environmental professionals in completing Phase I ESA's for retail properties, commercial properties, and undeveloped acreage.

*Phase 1 Environmental Assessment Woodland Hollow, Millennium One, and Kavlie Properties LLC, Charlotte and Mooresville, North Carolina* Ms. Osburn has conducted Phase 1 on multi-family residential apartment complexes and vacant land. She also assisted with asbestos testing at the Millennium One site.

### Speaking

Kayla Osburn. (2023). "Methodological considerations for the analysis of faecal glucocorticoid metabolite concentrations in herbivorous and carnivorous mammals" – 8th ISWE Conference, India.

Kayla Osburn. (2022). "Examining alterations in fGCM concentrations post-defaecation across three animal feeding classes' (ruminants, hindgut fermenters and carnivores)" - Department of Zoology and Entomology AGM, South Africa

Kayla Osburn. (2020). "Faecal steroid analysis for monitoring female reproductive activity in captive Aardvarks (*Orycteropus afer*)" - Department of Zoology and Entomology AGM, South Africa

### Publications

Osburn, KR et al. (2025). Examining alterations in fGCM concentrations post-defaecation across three animal feeding classes (ruminants, hindgut fermenters and carnivores). *Journal of Zoology*

Osburn, KR et al. (2024). A field-friendly alternative to freeze-drying faeces for glucocorticoid metabolite quantification in animals of different feeding classes. *MethodsX*

### Contact

kosburn@partneresi.com



## Education

B.A., Geology, Colgate University 2015

## Training

AHERA Certified Asbestos Building Inspector

## Highlights

Phase I Environmental Site Assessments, Transaction Screen Assessments, Records Search Risk Assessments, Database Reviews - 3 Years  
Property Condition Assessment - .5 Years  
Radon Sampling – 2 Years  
Construction Progress Monitoring – 1 Year  
Business Development Field Associate, Halliburton – 1.5 Years  
Casing Equipment Coordinator, Halliburton - .5 Years  
Sales Coordinator, Marriott - .5 Years

## Experience Summary

Mr. Koch completed the Completions and Production Business Development Field Associate Program. This program consisted of immersive hands-on learning of operations and sales within three product service lines (PSLs); Cementing, Completion Tools, and Production Enhancement. Mr. Koch communicated with customers and submitted findings to sales managers with weekly updates. Additionally, Mr. Koch performed presentations for executives in Oklahoma City on current status of PSLs and market analysis. Mr. Koch then worked as a Casing Sales Coordinator Creating pricing documents for potential customers and sales orders for existing customers. Furthermore, Mr. Koch managed equipment inventory and conveyed monthly sales, market share, and areas for potential growth to executives in Oklahoma City.

As a Sales Coordinator for Sawgrass Marriott Mr. Koch used sales techniques that maximized revenue while maintaining existing guest loyalty to Marriott. Mr. Koch also served as the point of contact for clients preparing; quotes, proposals, contracts, addendums, and other sales-related documents throughout the sales process.

Mr. Koch has completed hundreds of PCAs, ESAs, and corresponding reports, within the Southeastern United States, for properties including but not limited to: medical and traditional office properties, retail properties, commercial strip malls, hotels, mobile-home parks, multi-family housing, gas stations, car dealerships, warehouses and industrial properties.

Site inspection duties involve coordination with the clients and on-site personnel, gathering of available information from local and regional governmental agencies, a detailed facility walk-through, and a report with photographs and cost tables providing an overview of the facility and detailed descriptions of any deficiencies.

## **Project Experience**

*Phase I Environmental Site Assessment, Jacksonville, Florida* - Completed a Phase I Environmental Site Assessment on a Coggin Dealership, Used Car Lot, and Repair Center built in 1973. This property historically maintained several single post hydraulic lifts in the body shop and repair center. Closure documentation was located through communication with the company who had closed them out a decade previous to the Environmental Site Assessment.

*Phase I Environmental Site Assessment, Atlanta, Georgia* - Performed a site visit on Emory Point, a student housing complex northwest of Emory University, which included a six building five story student housing complex adjacent to the Headquarters of the Center for Disease Control. Regulatory documentation from the CDC was compiled and explained in a concise report.

*Property Condition Assessment and Phase I Environmental Site Assessment, Greensboro, North Carolina* - Performed a site visit on Woodland Park Apartments, a multi-family residential property, which included 22 apartment buildings. Scope included radon testing, Phase I ESA and PCA concerns.

## **Contact**

jkoch@partneresi.com  
Cell: (706) 818-8477





## Education

B. A., Geology, Miami University, Oxford Ohio

## Training

HAZWOPER 40 Hour and 8 Hour Refresher

## Highlights

13+ years in the environmental and engineering consulting fields.

Management and execution of transactional due diligence services various provinces throughout Canada and the majority of U.S States.

## Experience Summary

Ms. Jastrab is the Director of Canadian Operations for Partner Engineering and Science, Inc. and has performed and or/managed due diligence in North America for thousands of sites over various provinces and states. Her work has included the assessment of a variety of properties including multi-family properties, commercial office buildings, retail shopping centers, gasoline service stations, hotels, dry cleaning plants, auto repair and auto body shops, industrial warehouse buildings, plating facilities, and various manufacturing operations throughout North America. She has managed large national portfolios for diverse clients, including investors; developers; brokers; local banks, and Agency Lenders, ensuring high-quality reports and customer service to meet specific needs.

Ms. Jastrab works with Partner's Technical Directors throughout North America and Europe to provide full-service consulting on commercial real estate transactions including Environmental Assessments, Building Condition Assessments, Construction Risk Management, Energy, Sustainability & ESG+R, Environmental Health & Safety, Geotechnical Services, Land Surveying & Zoning, and Site Civil Engineering.

Prior to her current roll, Ms. Jastrab served as a Senior Project Manager where she assisted with report preparation, quality assurance/quality control, and client management.

## Project Experience

Ms. Jastrab has completed and reviewed extensive Phase I Environmental Site Assessments in her 13+ years of experience per the Canadian Standards Association (CSA) Z768-01, the American Society of Testing and Materials Practice E 1527-13 *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM E 1527-13), as well as the most current Freddie Mac, Fannie Mae, Low-Income Housing Tax Credit (LIHTC), and U.S. Department of Housing and Urban Development (HUD) code of federal regulations, 24 CFR 50.3(i) environmental guidance throughout the majority of Canada and the United States.

## Affiliations

Active member of Commercial Real Estate for Women (CREW) Toronto, Ontario

## Contact

[jjastrab@partneresi.com](mailto:jjastrab@partneresi.com)



## Education

A.S in Mathematics  
B.S in Environmental Science, Rutgers University

## Registrations

NJDEP-UST Subsurface Evaluation, Tank Testing  
Installation & Closure Certification

## Training

OSHA 40-Hour Hazwoper  
OSHA 8-Hour Hazwoper Refreshers  
ASTM Technical and Professional Training

## Highlights

Over 15 years of experience in the environmental consulting industry  
Over 15 years of experience in management, marketing, and regulatory compliance

## Experience Summary

Ms. Dahl is a Principal and National Client Manager focusing on due diligence products for commercial real estate transactions. She services private and institutional equity investors, developers, financial institutions, Fannie Mae Lenders, and Freddie Mac Lenders with environmental site assessments, property condition assessments, seismic studies, construction monitoring, and remedial design/implementation. She has managed over 15,000 studies to support pooled collateral property undergoing securitization. She works closely with property managers, legal counsel, regulatory agencies, and special asset groups at banks providing insight into the risks and liabilities associated with properties and assistance in structuring various transactions. Ms. Dahl delivers exceptional service and adds value to businesses by assessing risks and exposures while formulating appropriate solutions. Her knowledge of environmental and engineering policy and ability to clearly convey issues to her clients allows them to accurately measure the risk associated with each deal, enhancing their overall portfolio.

Ms. Dahl formerly performed as a Project Manager for a Fortune 500 real estate firm, where her primary responsibilities were to manage field operations, remain apprised of latest state and federal regulatory mandates, and review Phase I Assessment reports to insure client scope of work was properly executed and deadlines were met. Ms. Dahl's field experience includes the successful completion of over 1,000 Phase I Environmental Site Assessments on various retail, office, industrial, hospitality, and multifamily properties.

Earlier in her career, Ms. Dahl assisted with the design of a contaminated groundwater treatment plant for a highly publicized Superfund site located in New Jersey, which is continually scrutinized and monitored by the media. She assisted with the writing of a feasibility study submitted to the EPA for the Superfund site and coordinated/ran daily public meetings with the citizens of the township providing constant interaction with public relations media.

### Project Experience

*Shopping Center Portfolio.* A \$3.5 billion dollar acquisition project consisting of 467 retail shopping centers operating across 38 states. Phase I Environmental Site Assessments and Property Condition Assessments with special inspections were performed on each of the shopping centers. Multiple inspectors were coordinated and dispatched to each site within a three-week report completion timeline. Report deliverables also included inspection summaries which were incorporated into Environmental and Engineering spreadsheets for client/lender review. The acquisition was successful and highlighted Ms. Dahl's ability to thrive in a challenging fast-paced environment. Her valuable depth of experience, negotiation skills, and coordination of hundreds of engineering professionals as well as her responsiveness and expertise of client/lender's expedited timeline showed her ability to leverage strategic business partnerships and optimize customer experience.

*Retail Bank Branch Portfolio.* A \$1.9 billion dollar acquisition project consisting of 418 retail bank branches operating in 15 states. Environmental studies were performed on each asset including review of city directories, aerial photographs, Federal Regulatory Databases, and historic Fire Insurance Sanborn Maps within a three-week project completion timeframe. Research findings were incorporated into spreadsheets for client/lender review. The acquisition was successful and exemplified Ms. Dahl's ability to capture and meticulously execute high profile projects under a tight timeframe. Her valuable depth of experience, negotiation skills, and her ability to communicate, interpret, and present findings to client/lender in an expedited timeline highlighted her impressive capabilities.

*Train Station.* A multi-million dollar refinance project consisting of a historic passenger train terminal including over 1 Million SF of retail, office, and rail use. Phase I Environmental Site Assessments, Property Condition Assessments, and Zoning Assessments were performed on this trophy asset. Multiple inspectors were dispatched to each site to complete the reports within a two-week timeline. The transaction was successful and exemplified the professional acumen of Ms. Dahl and Partner's Engineering Team.

*Superfund Site.* Ms. Dahl assisted with the remediation of a highly publicized 1,350-acre Superfund site located in New Jersey. The facility manufactured dyes, pigments, resins and epoxy and disposed of over 47,055 drums of waste in an unlined landfill on site. Ms. Dahl assisted with the writing of a feasibility study submitted to the EPA, and coordinated and ran daily public meetings with the citizens of the town providing constant interaction with public relations media.

### Distinctions

Ms. Dahl has been named one of Tomorrow's Real Estate Leaders in New York Real Estate Form Magazine in February/March 2013 issue for her role in the number of real estate transactions in NY.

### Affiliations

Environmental Bankers Association  
International Conference of Shopping Centers  
CRE Finance  
Mortgage Bankers Association  
Commercial Real Estate Women (CREW)

### Contact

Mdahl@partneresi.com