



PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

Oakland Place

711 Oakland Avenue
Florence, South Carolina 29506

Report Date

May 9, 2025

Site Inspection Date

April 29, 2025

Partner Project No.

24-446236.3

Prepared for:

The Paces Foundation, Inc.
2730 Cumberland Boulevard Southeast
Smyrna, Georgia 30080



Building
Science



Environmental
Consulting



Construction &
Development



Energy &
Sustainability



May 9, 2025

Ms. Renee Sandell
The Paces Foundation, Inc.
2730 Cumberland Boulevard Southeast
Smyrna, Georgia 30080

Subject: Phase I Environmental Site Assessment
Oakland Place
711 Oakland Avenue
Florence, South Carolina 29506
Partner Project No. 24-446236.3

Dear Ms. Sandell:

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 (818) 337-1203.

Sincerely,

Misty Ponce
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 The Paces Foundation, Inc. for the property located at 711 Oakland Avenue in Florence, Florence County, South Carolina (the "subject property"). The Phase I Environmental Site Assessment is designed to provide The Paces Foundation, Inc. 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 northeast and northwest of the Oakland Avenue and Layton Street intersection within a residential area of Florence within a residential area of Florence County, South Carolina. Please refer to the table below for a further description of the subject property:

SUBJECT PROPERTY DATA

| | |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Address(es): | 711 Oakland Avenue, Florence, South Carolina |
| Additional Current Address(es): | 701, 703, 705, 708, 710, 711, 712, 713, 714, 716, 718, 720, 722 Oakland Avenue; 601, 603, 607, 611, 613 Layton Street; 703, 705, 707, 709, 711, 713, 717 Rose Street |
| Historical Address(es): | 501, 701, 704, 733, 739, 811 Oakland Avenue and 607 Layton Street |
| Property Use: | Multi-family residential |
| Land Acreage (Ac): | Approximately 6.44 |
| Number of Buildings: | 17 |
| Number of Floors: | Two |
| Gross Building Area (SF): | 60,000 |
| Net Rentable Area (SF): | 56,424 |
| Date of Construction: | 1972 |
| Parcel Number: | 90100-06-012 (Parcel 1) and 90100-05-002 (Parcel 2) |
| Type of Construction: | Concrete slab-on-grade / Brick |
| Current Tenants: | 64 apartments for residential use |
| Site Assessment Performed By: | Alyssa Stone of Partner |
| Site Assessment Conducted On: | April 29, 2025 |
| Regulatory Radius Report Date: | April 28, 2025 |
| Lien Search Date: | N/A |
| Report Date: | May 9, 2025 |

| | |
|-------------------------------------------------------|-------------|
| FOIAs Date: | April, 2025 |
| Groundwater Flow Direction (Inferred): | Southeast |
| Estimated Depth to Groundwater (Feet bgs): | 10 to 20 |

The subject property is currently occupied by 64 apartments for residential use. Onsite operations consist of a multi-family apartment complex. In addition to the current structures, the subject property is also improved with concrete-paved parking areas, associated landscaping, and perimeter fencing.

According to available historical sources, the subject property was developed with single-family residences between 1918 and 1924; single-family residences and a portion of a baseball field from 1941 to at least 1947; single and multi-family residential buildings from 1957 until 1964; and developed with the current structures in approximately 1972. Tenants on the subject property have included undeveloped areas and a single-family residence (1918); undeveloped areas and two single-family residences (1924); single-family residences and a portion of a baseball field (1941-1947); single and multi-family residential buildings and a portion of a baseball field (1957-1964), and multi-family apartment improvements (1977-Present).

The adjoining properties are tabulated below:

ADJOINING PROPERTIES

| Direction | Land Use/Occupant |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------|
| North of eastern parcel: | Iola Jones Park (608 Maxwell Street) |
| North of western parcel: | Single-family residences (701 and 801 Oakland Avenue) |
| East: | Rose Street, beyond are single-family residences (701 Layton Street, 706 Rose Street, 700 and 702 Pawley Street) |
| South of eastern parcel: | Layton Street, beyond are undeveloped lots and single-family residences (610 and 611 Rose Street) |
| South of western parcel: | Greater Morning Star Apostolic Ministries No. 7 (609 Oakland Avenue) |
| West: | Single-family residences (702, 704, 706, and 710 Brunson 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. The following was identified during the course of this assessment:

- Due to the age of the subject property building/buildings, there is a potential that asbestos-containing material (ACM) and/or lead-based paint (LBP) are present. Readily visible painted surfaces were observed in good condition. A few areas of the painted surfaces, specifically walls and railings, were noted during the assessment to be broken, chipped, and/or have signs of water damage. Should these materials be replaced, the identified suspect ACMs would need to be sampled to confirm the presence or absence of asbestos and or lead based paint prior to any renovation or demolition activities to prevent potential exposure to workers and/or building occupants.
- Sporadic mold and water damage in the bathroom, and near HCAV vents were also observed in approximately 75% of the units observed.

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 711 Oakland Avenue in Florence, Florence 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, or HRECs in connection with the subject property; however, BERs were identified. Based on the conclusions of this assessment, Partner recommends the following:

- An Operations and Maintenance (O&M) Program should be implemented in order to safely manage the suspect ACMs and LBP located at the subject property. ACM sampling should be completed prior to further renovation or demolition at the subject property.
- Water damaged areas should be repaired and/or replaced as part of routine maintenance.

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- Appendix A:** Site Photographs
Appendix B: Historical/Regulatory Documentation
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ACRONYM LIST

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

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

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

1.0 INTRODUCTION

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 711 Oakland Avenue in Florence, Florence 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

The Paces Foundation, Inc. (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 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 requested information relative to deed restrictions and environmental liens, a title search, and completion of the AAI User Questionnaire from the Report User. This information was not provided at the time of the assessment. This data gap is not expected to alter the findings of this assessment.
- Partner was unable to determine the property use at five-year intervals, which constitutes a data gap. Information concerning historical use of the subject property was unavailable from 1924 to 1941, 1950 to 1957, and 1969 to 1977. Except for property tax files and recorded land title records, which were not considered to be sufficiently useful, Partner reviewed all standard historical sources and conducted appropriate interviews. This data gap is not expected to alter the findings of this assessment.
- Partner submitted Freedom of Information Act (FOIA) requests to City of Florence, Florence County, and South Carolina Department of Health, and Environmental Control (SCDHEC) 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, these agencies have not responded to Partner's request. Based on information obtained from other regulatory and historical resources, this limitation is not expected to alter the overall findings of this assessment.

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 711 Oakland Avenue in Florence, South Carolina is located on the northeast and northwest of the Oakland Avenue and Layton Street intersection within a residential area of Florence. According to the Florence County Assessor website, the subject property is legally described as Oakland Avenue. According to Florence County Assessor website, ownership is currently vested in Housing Authority of Florence since 1970.

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 occupied by 64 apartments for residential use. Onsite operations consist of a multi-family apartment complex. The subject property consists of 17 one story buildings, located centrally on the property. In addition to the current structures, the subject property is also improved with concrete-paved parking areas, associated landscaping, and perimeter fencing.

The subject property is designated CI development by the City of Florence.

2.3 Current Use of Adjoining Properties

The subject property is located within a residential area of Florence 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 |
|---------------------------------|------------------------------------------------------------------------------------------------------------------|
| North of eastern parcel: | Iola Jones Park (608 Maxwell Street) |
| North of western parcel: | Single-family residences (701 and 801 Oakland Avenue) |
| East: | Rose Street, beyond are single-family residences (701 Layton Street, 706 Rose Street, 700 and 702 Pawley Street) |
| South of eastern parcel: | Layton Street, beyond are undeveloped lots and single-family residences (610 and 611 Rose Street) |
| South of western parcel: | Greater Morning Star Apostolic Ministries No. 7 (609 Oakland Avenue) |
| West: | Single-family residences (702, 704, 706, and 710 Brunson Street) |

2.4 Physical Setting Sources

2.4.1 Topography

TOPOGRAPHIC DATA SUMMARY

| | |
|--------------------------|-------------------------------------------------|
| Quadrangle Year: | 2020 |
| Quadrangle Name: | Florence West and Florence East, South Carolina |
| Source: | USGS 7.5 Minute Topographic Map |
| Elevation (Feet): | 144 |
| Slope Direction: | South-southwest |
| Slope Degree: | 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

| | |
|--------------------------------------------------------|--------------------------------------------------------|
| Groundwater Flow Direction: | Southeast |
| Groundwater Flow Source: | Topographic map interpretation |
| Estimated Depth to Groundwater (Feet bgs): | 10 to 20 |
| Estimated Depth Source: | Information obtained from ERIS Physical Setting Report |
| Closest Body of Surface Water Name: | unnamed tributary |
| Closest Body of Surface Water Distance (Miles): | 0.14 |
| Closest Body of Surface Water Direction: | South-southwest |
| Water System Operator: | A public water system operated by the City of Florence |
| Shallow Groundwater Use: | Not used for domestic purposes |
| Source of Drinking Water: | Surface water from Pee Dee River |

2.4.3 Geology/Soils

GEOLOGY AND SOIL DATA SUMMARY

| | |
|--------------------------------|-----------------------------------------------------|
| Physiographic Province: | The subject property is situated within the Coastal |
|--------------------------------|-----------------------------------------------------|

GEOLOGY AND SOIL DATA SUMMARY

| | |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | plain of the Pliocene physiographic province of the State of South Carolina. Marine sediments are widely distributed from the coast to the Fall line and preserved at the surface between the Orangeburg Scarp. |
| Geologic Unit Description: | The uppermost geologic formation underlying the soils at the subject property is the Pliocene Age Bear Bluff formation. The Bear Bluff formation comprises the underlying stratigraphy and consists mostly of limestone and sand. |
| Geologic Data Source: | United States Department of Agriculture (USDA) Natural Resources Conservation Service Web Soil Survey |
| Soil Series Name: | Urban land, Coxville, Norfolk |
| Soil Series Description: | Urban Land complex 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 construction and areas where fill has been added. The Coxville series consist of very deep, poorly drained, moderately fast permeable soils that form from marine deposits. Norfolk series consists of very deep, well drained, moderately fast permeable soils that form from marine deposits. Slopes range from 0 to 2 perfect. |

2.4.4 Flood Zone Information

FLOOD ZONE DATA SUMMARY

| | |
|----------------------------|-------------------------------------------------------------------------------------------------------------------|
| Source: | Federal Emergency Management Agency |
| Community Panel No. | 45041C0134E |
| FIRM Date: | December 16, 2014 |
| Zone Designation: | 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 |
|--------------|--------------------------------------------------------------------|-----------------------------------------------------------------------|
| 1918-1924 | Fire Insurance Maps | Single-Family Residential |
| 1941-1947 | Aerial Photographs, Fire Insurance Maps, Topographic Maps | Single-family residential and a portion of a baseball field |
| 1957-1964 | Aerial Photographs, Fire Insurance Maps | Single and multi-family residential and a portion of a baseball field |
| 1972-Present | Aerial Photographs, City Directories, Topographic Maps, Interviews | Multi-Family Residential |

Tenants on the subject property have included undeveloped areas and a single-family residence (1918); undeveloped areas and two single-family residences (1924); single-family residences and a portion of a baseball field (1941-1947); single and multi-family residential buildings and a portion of a baseball field (1957-1964), and multi-family apartment improvements (1977-Present).

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 April 22, 2025. The inferred uses of the subject property and adjoining properties as interpreted from the aerial photographs in Appendix B are tabulated below:

| | | | |
|-------------------|----------------------------------------------------------------------------------|--------|---------|
| Date: | 1941 | Scale: | 1"=500' |
| Subject Property: | Appears to be undeveloped land and a baseball field | | |
| North: | Appears to be a single-family residence and a baseball field | | |
| East: | Appears to be undeveloped land beyond Rose Street | | |
| South: | Appears to be undeveloped land and single-family residences beyond Layton Street | | |
| West: | Appears to be single-family residences located along N Brunson Street | | |
| Date: | 1949 | Scale: | 1"=500' |
| Subject Property: | No significant changes visible | | |
| North: | No significant changes visible | | |

| | | | |
|--------------------------|---------------------------------------------------------------------------------------------|--------|----------------|
| East: | No significant changes visible | | |
| South: | Appears to be a church, undeveloped land, and single-family residences beyond Layton Street | | |
| West: | No significant changes visible | | |
| Date: | 1957 | Scale: | 1"=500' |
| Subject Property: | Appears to be a mix of undeveloped land, a baseball field, and single-family residence | | |
| North: | No significant changes visible | | |
| East: | Appears to be undeveloped land and single-family residences beyond Rose Street | | |
| South: | No significant changes visible | | |
| West: | No significant changes visible | | |
| Date: | 1964, 1969 | Scale: | 1"=500' |
| Subject Property: | Appears to be a mix of undeveloped land, a baseball field, and single-family residences | | |
| North: | Appears to be single-family residences and a baseball field | | |
| East: | No significant changes visible | | |
| South: | No significant changes visible | | |
| West: | No significant changes visible | | |
| Date: | 1977, 1983, 1994, 2003, 2006, 2009, 2011, 2013, 2015, 2017, 2019, 2021, 2023 | Scale: | 1"=500' |
| Subject Property: | Appears to be developed with the existing multi-family improvements | | |
| North: | Appears to be single-family residences, a church, and a park | | |
| East: | No significant changes visible | | |
| South: | No significant changes visible | | |
| West: | 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 April 18, 2025. The following inferred uses of the subject property and adjoining properties interpreted from the FIMs in Appendix B are tabulated below:

| | |
|--------------------------|-----------------------------------------------------------------------------------------|
| Date: 1918 | |
| Subject Property: | Primarily undeveloped; one dwelling is depicted on the southwestern portion of the site |
| North: | Undeveloped land and dwellings |
| East: | Area not depicted on the map |
| South: | Visible portions are undeveloped land |
| West: | Dwellings along N Brunson Street |
| Date: 1924 | |
| Subject Property: | No significant changes noted |
| North: | No significant changes noted |
| East: | Undeveloped land beyond Rose Street |
| South: | Undeveloped land, Layton Street beyond are dwellings and undeveloped lots |
| West: | No significant changes noted |
| Date: 1947 | |
| Subject Property: | Four dwellings, a store, and a portion of a baseball field |
| North: | Undeveloped land, dwellings, and a baseball field |
| East: | Dwellings and undeveloped lots beyond Rose Street |
| South: | Undeveloped land, Layton Street beyond are dwellings |
| West: | No significant changes noted |
| Date: 1952 | |
| Subject Property: | Four dwellings, a store, two multi-family dwellings, and a portion of a baseball field |
| North: | No significant changes noted |
| East: | Dwellings beyond Rose Street |
| South: | Apartments, Layton Street beyond are dwellings |
| West: | No significant changes noted |

| | |
|--------------------------|--------------------------------------------------------------------------------------------------|
| Date: | 1961 |
| Subject Property: | Four dwellings, a store, two multi-family dwellings, a duplex, and a portion of a baseball field |
| North: | No significant changes noted |
| Northeast: | No significant changes noted |
| East: | No significant changes noted |
| Southeast: | No significant changes noted |
| South: | No significant changes noted |
| Southwest: | No significant changes noted |
| West: | No significant changes noted |
| Northwest: | No significant changes noted |

Copies of reviewed FIMs are included in Appendix B of this report.

3.3 City Directories

Partner reviewed historical city directories obtained from ERIS on April 23, 2025 for past names and businesses that were listed for the subject property and adjoining properties. The findings are tabulated below:

SUBJECT PROPERTY SUMMARY

| City Directory Search for 701 Oakland Ave (Subject Property) | |
|--------------------------------------------------------------|----------------------------------------|
| Year(s) | Occupant Listed |
| 1993 | Anderson Edna M B, Anderson Edna M B R |
| 1996 | Anderson Carla, Anderson Edna |
| 2000 | Edna Anderson, Carla Anderson |
| 2003 | Edna Anderson, Carla Anderson |
| 2008 | Twana Frontis, Randa Washington |
| City Directory Search for 703 Oakland Ave (Subject Property) | |
| Year(s) | Occupant Listed |
| 1993 | Mumford Bertha, Mumford Bertha #A |
| 2008 | Yvette Mosely, Kimberlyn Pipkins |
| 2023 | Joseph Jennings |
| City Directory Search for 705 Oakland Ave (Subject Property) | |
| Year(s) | Occupant Listed |
| 1996 | Lee Dashawn |

| | |
|------|------------------|
| 2000 | Dashawn Lee |
| 2003 | Dashawn Lee |
| 2008 | Susie M Tubose |
| 2020 | Terresa Hamilton |
| 2023 | Terresa Hamilton |

City Directory Search for 708 Oakland Ave (Subject Property)

| Year(s) | Occupant Listed |
|----------------|---------------------------------------------|
| 1993 | Brown Sammy, Brown Sammy R 6627214 |
| 2000 | Joyce Davis, Sammy Brown |
| 2003 | Joyce Davis, Sammy Brown |
| 2008 | T Hickman |
| 2016 | Tammy Hickman |
| 2020 | James Paige, Glenda George, Dezaray Hickman |
| 2023 | James Paige, Glenda George, Dezaray Hickman |

City Directory Search for 710 Oakland Ave (Subject Property)

| Year(s) | Occupant Listed |
|----------------|------------------------|
| 2008 | Jennifer James |
| 2016 | Stacey Black |
| 2020 | Stacey Black |
| 2023 | Stacey Black |

City Directory Search for 711 Oakland Ave (Subject Property)

| Year(s) | Occupant Listed |
|----------------|----------------------------------------------------------------------------------|
| 1993 | Barr Esther F, Rivers Catrell, Barr Esther F R 6627475, Rivers Catrell R 6671833 |
| 1996 | Hickman T, Barr Billy, Brock Anthony |
| 2000 | Billy Barr |
| 2003 | Billy Barr |
| 2008 | Johnny Ruth, Latasha Flemmings |

City Directory Search for 712 Oakland Ave (Subject Property)

| Year(s) | Occupant Listed |
|----------------|------------------------|
| 1996 | Addison Dorothy |

| | |
|------|--------------|
| 2008 | Gary C Floyd |
| 2016 | Billy Nelson |
| 2020 | Billy Nelson |
| 2023 | Billy Nelson |

City Directory Search for 713 Oakland Ave (Subject Property)

| Year(s) | Occupant Listed |
|----------------|-----------------------------------------------------------------|
| 1993 | Brockington Uphelia, Crawford Livingston, Brockington Uphelia R |
| 1996 | Morgan S., Crawford Living A |
| 2000 | L a Crawford |
| 2003 | L a Crawford |
| 2008 | Cicaly Barr, Cicely Barr, Vanessa a Perkins |
| 2012 | Willie Hannah |
| 2016 | James Harris |
| 2020 | James Harris |
| 2023 | James Harris |

City Directory Search for 714 Oakland Ave (Subject Property)

| Year(s) | Occupant Listed |
|----------------|----------------------------------------------------------------------------------|
| 1993 | Brown Willie Mae, Brown Willie Mae R, Ehrike William Carl, Ehrike William Carl ' |
| 1996 | Brown M |
| 2008 | Latoya S Coe, Willie Charles |

City Directory Search for 716 Oakland Ave (Subject Property)

| Year(s) | Occupant Listed |
|----------------|----------------------------|
| 1996 | Oglesby Tara |
| 2000 | Kayerra Reid, Tara Oglesby |
| 2003 | Kayerra Reid, Tara Oglesby |

City Directory Search for 718 Oakland Ave (Subject Property)

| Year(s) | Occupant Listed |
|----------------|--------------------------------------|
| 2008 | Laura a Mcclary, Alfreda Pendergrass |

City Directory Search for 720 Oakland Ave (Subject Property)

| Year(s) | Occupant Listed |
|----------------|------------------------------------|
| 1996 | Paul D |
| 2000 | D Paul |
| 2003 | D Paul |
| 2008 | Sharon Z Taylor, Jeronell Williams |

City Directory Search for 722 Oakland Ave (Subject Property)

| Year(s) | Occupant Listed |
|----------------|----------------------------|
| 1996 | George Fanika |
| 2000 | Fanika George |
| 2003 | Fanika George |
| 2008 | E Williams, Denise Fulmore |

Based on the city directory review, no environmentally sensitive listings were identified for the subject property addresses.

ADJOINING PROPERTY SUMMARY

City Directory Search for 609 Oakland Ave (Adjoining Property)

| Year(s) | Occupant Listed |
|----------------|------------------------------------------------|
| 2003 | House of Prayer |
| 2008 | House of Prayer |
| 2016 | House of Prayer, Greater Morningstar Apostolic |
| 2020 | Greater Morningstar Apostolic |
| 2023 | Greater Morningstar Apostolic |

City Directory Search for 711 Oakland Ave (Adjoining Property)

| Year(s) | Occupant Listed |
|----------------|----------------------------------------------------------------------------------|
| 1993 | Barr Esther F, Rivers Catrell, Barr Esther F R 6627475, Rivers Catrell R 6671833 |
| 1996 | Hickman T, Barr Billy, Brock Anthony |
| 2000 | Billy Barr |
| 2003 | Billy Barr |
| 2008 | Johnny Ruth, Latasha Flemmings |

| City Directory Search for 801 Oakland Ave (Adjoining Property) | |
|----------------------------------------------------------------|----------------------------------------------------------|
| Year(s) | Occupant Listed |
| 1993 | Eagleton Jernice, Eagleton Shirley W, Eagleton Jernice R |
| 1996 | Eagleton Shirley |
| 2000 | Shirley Eagleton |
| 2003 | Shirley Eagleton |
| 2008 | Shirley Eagleton |
| 2012 | Shirley Eagleton |
| 2016 | Jenise Eagleton, Shirley Eagleton |
| 2020 | Jenise Eagleton |
| 2023 | Jenise Eagleton, Shirley Eagleton |

| City Directory Search for 803 Oakland Ave (Adjoining Property) | |
|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Year(s) | Occupant Listed |
| 1993 | Church 6698402, Seventh Day Adventist, Seventh Day Adventist Kinderga .. 6698402, Seventh Day Adventist Church and Kindergarten |
| 1996 | Seventh Day Adventist Church |
| 2000 | Oakland Avenue Sda School, Oakland Avenue S D a Church, Seventh Day Adventist Church |
| 2003 | Oakland Avenue Sda School, Seventh Day Adventist Church |
| 2008 | Oakland Avenue Sda School, Seventh Day Adventist Church |
| 2012 | Oakland Ave Church, Jack J Hanna Jr Academy, Shakinah Glory Sda School |
| 2016 | Shakinah Glory Sda, Jack Hanna Junior Academy |
| 2020 | Shakinah Glory Sda, Florence Shekinah Glory Sda |
| 2023 | Shakinah Glory Sda, Florence Shekinah Glory Sda |

Based on the city directory review, no environmentally sensitive listings were identified for the adjoining property addresses.

Copies of reviewed city directories are included in Appendix B of this report.

3.4 Historical Topographic Maps

Partner reviewed historical topographic maps obtained from ERIS on April 18, 2025. The following inferred uses of the subject property and adjoining properties interpreted from topographic maps in Appendix B and are tabulated below:

| | | |
|--------------------------|-------------------------------------------|--|
| Date: | 1940, 1945, 1986, 2014, 2017, 2020 | |
| Subject Property: | Shaded to depict urban development | |
| North: | Shaded to depict urban development | |
| East: | Shaded to depict urban development | |
| South: | Shaded to depict urban development | |
| West: | Shaded to depict urban development | |

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

| | |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name of Agency: | South Carolina Department of Health and Environmental Control |
| Point of Contact: | https://iqconnect.iggov.com/iqextranet/EForm.aspx?__cid=FSL_SC_DES&__fid=100002&iframe=Y |
| Agency Address: | 600 Bull Street, Columbia, South Carolina 29201 |
| Agency Phone Number: | (803) 898-3301 |
| Date of Contact: | April 28, 2025 |
| Method of Communication: | Online Request Form |

Summary of Communication:

As of the date of this report, Partner has not received a response from the South Carolina Department of Health and Environmental Control for inclusion in this report. Based on information obtained from other regulatory and historical resources, this limitation is not expected to alter the overall findings of this assessment.

Fire Department

REGULATORY AGENCY DATA

| | |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name of Agency: | City of Florence Fire Department |
| Point of Contact: | https://iqconnect.iggov.com/iqextranet/EForm.aspx?__cid=FSL_SC_DES&__fid=100002&iframe=Y |
| Agency Address: | 324 West Evans Street, Florence, South Carolina 29501 |
| Agency Phone Number: | (843) 665-3170 |
| Date of Contact: | April 28, 2025 |
| Method of Communication: | Online Request Form |

Summary of Communication:

As of the date of this report, Partner has not received a response from the City of Florence Fire Department for inclusion in this report. Based on information obtained from other regulatory and historical resources, this limitation is not expected to alter the overall findings of this assessment.

Building Department

REGULATORY AGENCY DATA

| | |
|--------------------------|---------------------------------------------------------------------------------------------------------------------|
| Name of Agency: | City of Florence Building Department |
| Point of Contact: | https://iqconnect.iggov.com/iqextranet/EForm.aspx? |

| | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| | __cid=FSL_SC_DES&__fid=100002&iframe=Y |
| Agency Address: | 324 West Evans Street, Florence, South Carolina 29501 |
| Agency Phone Number: | (843) 665-3170 |
| Date of Contact: | April 28, 2025 |
| Method of Communication: | Online Request Form |
| Summary of Communication: | |
| As of the date of this report, Partner has not received a response from the CFBD for inclusion in this report. Based on information obtained from other regulatory and historical resources, this limitation is not expected to alter the overall findings of this assessment. | |

Planning Department

REGULATORY AGENCY DATA

| | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name of Agency: | City of Florence |
| Point of Contact: | https://iqconnect.iggov.com/iqextranet/EForm.aspx?__cid=FSL_SC_DES&__fid=100002&iframe=Y |
| Agency Address: | 324 West Evans Street, Florence, South Carolina 29501 |
| Agency Phone Number: | (843) 665-3170 |
| Date of Contact: | April 28, 2025 |
| Method of Communication: | Online Request Form |
| Summary of Communication: | |
| As of the date of this report, Partner has not received a response from the FCPD for inclusion in this report. Based on information obtained from other regulatory and historical resources, this limitation is not expected to alter the overall findings of this assessment. | |

Assessor's Office

REGULATORY AGENCY DATA

| | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name of Agency: | Florence County Assessor's Website |
| Point of Contact: | https://qpublic.schneidercorp.com/Application.aspx?App=FlorenceCountySC&Page |
| Agency Address: | 180 North Irby Street MSC-I, Florence, South Carolina 29501 |
| Agency Phone Number: | (843) 665-3056 |
| Date of Contact: | April 28, 2025 |
| Method of Communication: | Online Research |
| Summary of Communication: | |
| According to records reviewed, the subject property is identified by Assessor Parcel Number (APN) 90100-06-012 (Parcel 1) and 90100-05-002 (Parcel 2) and are currently owned by the Housing Authority of Florence. No records regarding the tenure of ownership, square footage, or utility | |

information for the subject property was on file with the Florence County Assessor's Office.

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 (LQG, SQG, VSQG, CESQG) | Subject and Adjoining | N | N | N |
| 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 | N | 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 |

4.2.2 Subject Property Listings

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

4.2.3 Adjoining Property Listings

No adjoining properties were identified in the regulatory database report.

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 The Paces Foundation, Inc. (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 | Yes |
| Reason for Performing Phase I ESA | Yes |
| Prior Environmental Reports | Yes |

5.1 Interviews

5.1.1 Interview with Owner

The owner of the subject property since 1970, identified as Housing Authority of Florence, was not available to be interviewed at the time of the assessment.

5.1.2 Interview with Report User

5.1.3 Interview with Key Site Manager

Ms. Jocelyn Rouse, key site manager, indicated that they had no information pertaining to any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the subject property; any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the subject property; or any notices from a governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

Ms. Rouse further stated that there are no USTs, ASTs, clarifiers, oil/water separators, groundwater monitoring wells, or hazardous substance use/storage/generation on the subject property to the best of their knowledge.

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

The following information was provided to Partner for review during the course of this assessment:

Phase I Environmental Site Assessment, Partner Engineering and Science (May 6, 2024)

Partner prepared this report on behalf of Soho Housing Partners, LLC. The assessment was reportedly performed in accordance with ASTM Standard E1527-21. The assessment consisted of a site reconnaissance, interviews with knowledgeable personnel, review of historical information, a review of federal, state, and local regulatory databases, limited asbestos survey, and limited lead paint survey. Pertinent information contained in this report is summarized below:

- At the time of the 2024 assessment, the subject property was occupied by 64 apartments for residential use.
- According to the Partner report, the subject property was formerly occupied by a single-family residence (1918); undeveloped areas and two single-family residences (1924); single-family residences and a portion of a baseball field (1941-1947); single and multi-family residential buildings and a portion of a baseball field (1957-1964), and multi-family apartment improvements (1977-Present).
- No current or former ASTs or USTs were identified on the subject property at the time of the assessment.

Partner identified no RECs and recommended no further investigation.

Copies of pertinent pages reviewed are included in Appendix B of this report.

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: | Alyssa Stone |
| Site Assessment Conducted On: | April 29, 2025 |

The table below provides the subject property personnel interviewed during the field reconnaissance:

SITE VISIT PERSONNEL FOR 711 OAKLAND AVENUE (SUBJECT PROPERTY)

| Name | Title/Role | Contact Number | Site Walk* |
|---------------|------------------|-------------------------|------------|
| Jocelyn Rouse | Site Key Manager | (843)-669-4163; 3002 | Yes |

* 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 generated at the subject property is disposed of in commercial dumpsters located throughout the subject property. An independent solid waste disposal contractor, City of Florence Sanitation, removes solid waste from the subject property. Solid waste generated at the subject property includes household-type waste. No evidence of illegal dumping of solid waste was observed during the Partner site reconnaissance.

6.1.2 Sewage Discharge and Disposal

Sanitary discharges on the subject property are directed into the municipal sanitary sewer system. The City of Florence Utilities Department services the subject property vicinity. 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 subject property primarily by sheet flow action across the paved and grassy surfaces towards stormwater drains and swales located throughout the subject property and in the public right of way. On-site stormwater drains discharge to municipal owned and maintained storm sewer system. No drywells were identified on the subject property.

6.1.4 Source of Heating and Cooling

Heating and cooling systems as well as domestic hot water equipment are fueled by electricity and natural gas provided by Duke Energy and Dominion Energy respectively. The mechanical system is comprised of split system with a central unit and interior air handler and exterior condenser located at the side or rear of each building. Hot water is provided by individual electric water heaters.

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 generated at the subject property is disposed by means of the sanitary sewer system. 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 evidence of the use of reportable quantities of hazardous substances was observed on the subject property.

Small quantities of general maintenance supplies were found to be properly labeled and stored at the time of the assessment with no signs of leaks, stains, or spills. The storage and use of maintenance supplies does not appear to pose a significant threat to the environmental integrity of the subject property at this time.

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)

Older transformers and other electrical equipment could contain PCBs at a level that subjects them to regulation by the US EPA. PCBs in electrical equipment are controlled by US EPA regulations 40 CFR, Part 761. Under the regulations, there are three categories into which electrical equipment can be classified: 1) Less than 50 parts per million (ppm) of PCBs – “Non-PCB;” 2) 50 ppm-500 ppm – “PCB-Contaminated;” and, 3) Greater than 500 ppm – “PCB-Containing.” The manufacture, process, or distribution in commerce or use of any PCB in any manner other than in a totally enclosed manner was prohibited after July 2, 1979.

TRANSFORMERS AND HYDRAULIC EQUIPMENT

| Type of Equipment | Location | Number | PCB Containing | Concern |
|----------------------------------|--------------------------------------------------|---------------|-----------------------|----------------|
| Pole-Mounted Transformers | Varies over both parcels of the subject property | 11 | Unknown | No |

The on-site reconnaissance addressed outdoor transformers that may contain PCBs. eleven pole-mounted transformers were observed on the subject property. The transformers are not labeled indicating PCB content. No staining or leakage was observed in the vicinity of the transformers. maintain ownership and operational responsibility for the transformers. Based on the good condition of the equipment, the transformers are not considered an environmental concern.

No other potential PCB-containing equipment (interior transformers, oil-filled switches, hoists, lifts, dock levelers, hydraulic elevators, balers, 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).

A limited, visual survey of areas accessible from ground level for the presence of suspect ACM at the subject property was conducted. The objective of this visual survey was to note the presence and condition of suspect ACM listed by EPA, OSHA, and other regulatory and recognized sources as suspect ACM and/or considered friable or non-friable. Please refer to the table below for identified suspect ACM:

SUSPECT ACMs

| Suspect ACM | Location | Friable Yes/ No | Physical Condition |
|-------------------|---------------------------------|-----------------------|-----------------------|
| Drywall Systems | Throughout Building Interior | Yes | Good |
| Floor Tile Mastic | Throughout Building Interior | No | Good to Poor |
| Floor Tiles | Throughout Building Interior | No | Good to Poor |

Partner observed 8 units on the subject property of varying sizes. Sporadic mold and water damage in the bathroom, and near HCAV vents were also observed in approximately 75% of the units seen. Furthermore, unit 711 C has damage to the floor tiles.

Prior to disturbance, Partner recommends a comprehensive asbestos survey of the property be completed to determine the presence, condition, friability and likely future condition of suspect or confirmed ACM. All suspect materials must be handled as ACM according to local, state and federal regulations until the results of sampling and analysis indicate the material is a non-ACM. According to the US EPA, ACM that is intact and in good condition can, in general, be managed safely in-place under an Operations and Maintenance (O&M) Program until removal is dictated by renovation, demolition, or deteriorating material condition.

Partner was not provided building plans or specifications for review, which may have been useful in determining areas likely to have used ACM.

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/cm² (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.

Partner reviewed a certification from Bio-Tech Research Laboratories, Inc., dated April 6, 1992. This certification stated that the buildings do not contain lead-based paint hazards. This certification does not eliminate all lead-based paint hazards as the sampling report was not provided. However, while performing this assessment, paint chipping was observed in 85% of the accessed units. Based on the observed conditions, Partner recommends LBP O&M Plan and LBP Sampling.

Actual material samples would need to be collected in order to determine if LBP is present.

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: | A public water system operated by the City of Florence |
| Source of Drinking Water: | Surface water from Pee Dee River |
| Year of Annual Water Quality Report: | 2023 |
| Compliance Status: | 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).

Partner observed accessible, interior areas of the subject property buildings for significant evidence of microbial growth with the exceptions detailed in Section 1.5 of this report; however, this assessment should not be used as a microbial survey or inspection. Additionally, this limited assessment was not designed to assess all areas of potential microbial growth that may be affected by microbial growth on the subject property. Rather, it is intended to give the client an indication as to whether or not conspicuous (based on observed areas) microbial growth is present at the subject property. This evaluation did not include a review of pipe chases, mechanical systems, or areas behind enclosed walls and ceilings.

The following indications of water damage or microbial growth were observed during Partner's visual assessment:

MICROBIAL GROWTH OBSERVATIONS

| Location of area affected | Condition |
|----------------------------------|--------------------------------------------------------------|
| Bathroom walls and vents | Spotting observed in the upper four inches above the shower. |

Sporadic mold and water damage in the bathroom, and near HCAV vents were also observed in approximately 75% of the units observed.

6.3.6 Wetlands

The subject property does not appear to be a designated wetland area based on information obtained from the United States Fish and Wildlife Service's Online Wetlands Mapper; however, a comprehensive wetlands survey would be required in order to formally determine actual wetlands on the subject property. No settling ponds, lagoons, surface impoundments, wetlands or natural catch basins were observed at the subject property during this assessment.

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 and 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 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| Subject Property Existing Operations or Conditions (Sections 2.0 and 6.0) | None identified that impact the subject property. |
| Historical Uses of the Subject Property (Section 3.0) | None identified that impact the subject property. |
| Adjoining Property Operations or Existing Conditions (Sections 2.3 and 6.4) | None identified that impact the subject property. |
| Historical Uses of Adjoining Properties or Nearby Properties (Section 3.0) | None identified that impact the subject property. |
| Regulatory Review of sites identified on Federal, State, tribal and Local Environmental Databases which were located in the AMSD (Section 4.0) | 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

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. The following was identified during the course of this assessment:

- Due to the age of the subject property building/buildings, there is a potential that asbestos-containing material (ACM) and/or lead-based paint (LBP) are present. Readily visible painted surfaces were observed in good condition. A few areas of the painted surfaces, specifically walls and railings, were noted during the assessment to be broken, chipped, and/or have signs of water damage. Should these materials be replaced, the identified suspect ACMs would need to be sampled to confirm the presence or absence of asbestos and or lead based paint prior to any renovation or demolition activities to prevent potential exposure to workers and/or building occupants.
- Sporadic mold and water damage in the bathroom, and near HCAV vents were also observed in approximately 75% of the units observed.

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 711 Oakland Avenue in Florence, Florence 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, or HRECs in connection with the subject property; however, BERs were identified. Based on the conclusions of this assessment, Partner recommends the following:

- An Operations and Maintenance (O&M) Program should be implemented in order to safely manage the suspect ACMs and LBP located at the subject property. ACM sampling should be completed prior to further renovation or demolition at the subject property.
- Water damaged areas should be repaired and/or replaced as part of routine maintenance.

9.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

Partner has performed a Phase I Environmental Site Assessment of the property located at 711 Oakland Avenue in Florence, Florence 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:



Wendy Moore
Environmental Professional

10.0 REFERENCES

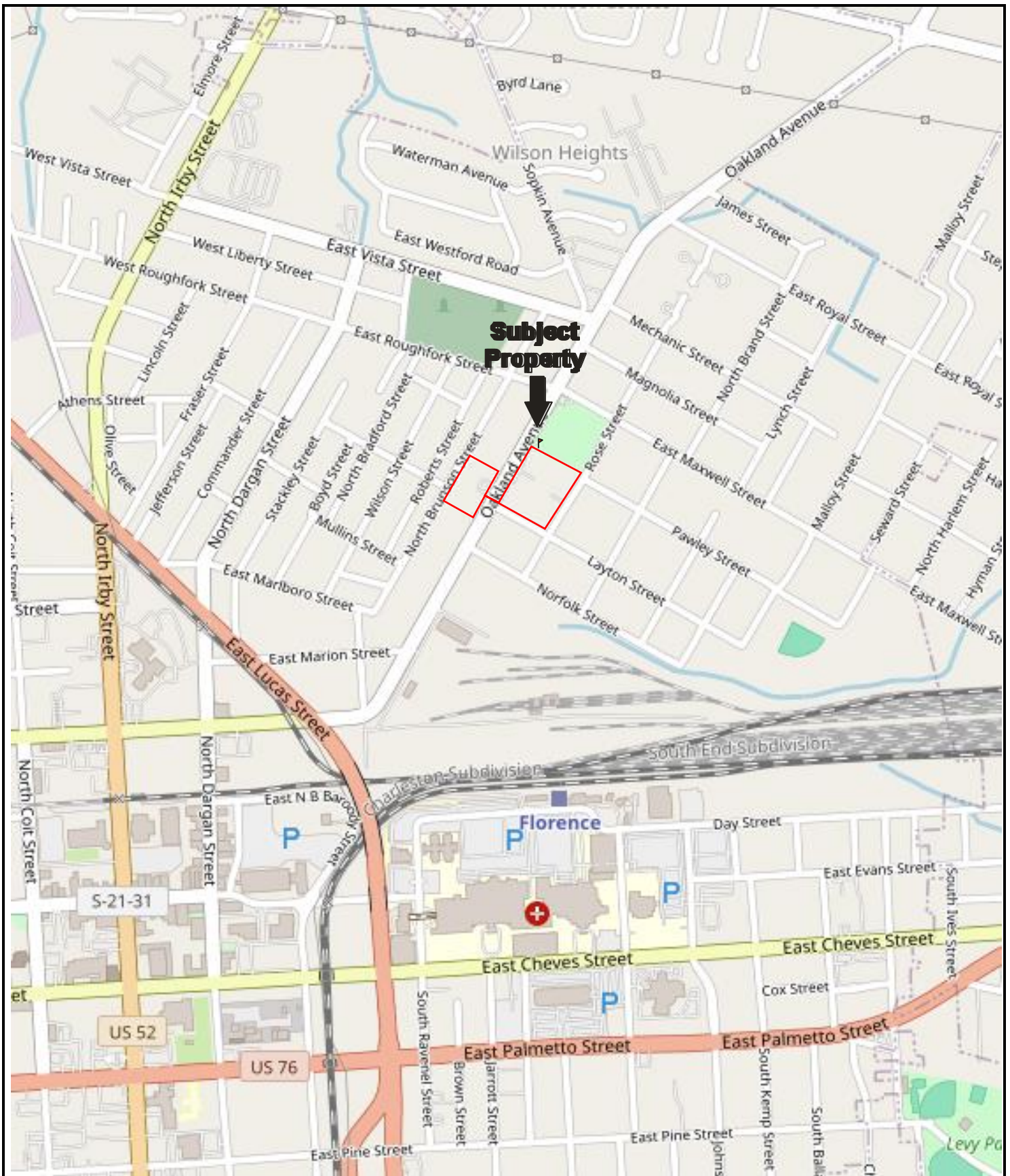
- American Society for Testing and Materials, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Designation: E1527-21
- Environmental Risk Information Services (ERIS), City Directory, Fire Insurance Maps, Historic Aerials, Physical Setting Report, Radius Report, Topographic Maps, April, 2025
- Federal Emergency Management Agency, Federal Insurance Administration, National Flood Insurance Program, Flood Insurance Map, accessed via the internet, April, 2025
- United States Department of Agriculture, Natural Resources Conservation Service, Web Soil Survey, accessed via the internet, April, 2025
- United States Environmental Protection Agency, EPA Map of Radon Zones (Document EPA-402-R-93-071), accessed via the internet, April, 2025
- United States Fish and Wildlife Service, National Wetlands Inventory, accessed via the internet, April, 2025
- United States Geological Survey, accessed via the internet, April, 2025
- United States Geological Survey Topographic Map 2020, 7.5-minute series, accessed via the internet, April, 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. 24-446236.3





KEY:
 Subject Property 
 Pole-mounted transformers 

FIGURE 2: SITE PLAN
 Project No. 24-446236.3

APPENDIX A: SITE PHOTOGRAPHS



1. View of subject property

2. View of subject property



3. View of subject property

4. View of subject property



5. View of subject property

6. View of subject property



7. View of subject property



8. View of subject property and transformer



9. View of one of three dumpsters on subject property



10. View of typical patio



11. View of typical living room in one bed apartment



12. View of typical kitchen in one bed apartment



13. View of typical sitting area in one bed apartment

14. View of typical bedroom in one bed apartment



15. View of typical bathroom in one bed apartment

16. View of typical laundry hook up or pantry area in one bed apartment



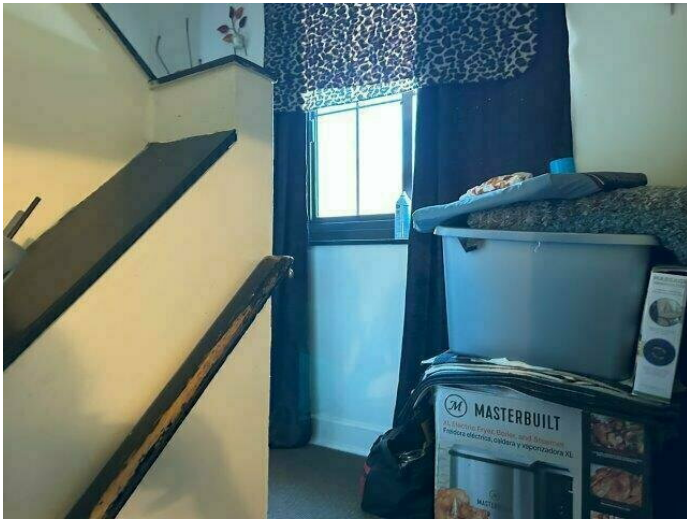
17. View of damaged floor in 711 C

18. View of typical living room in two bed apartment



19. View of typical kitchen in two bed apartment

20. View of typical laundry hook up or pantry area in two bed apartment



21. View of typical staircase in two bed apartment

22. View of typical upstairs hallway in two bed apartment



23. View of typical bedroom in two bed apartment

24. View of typical bathroom in two bed apartment



25. View of microbial growth in 714 B



26. View of water damage in 714 B



27. View of paint chipping in 714 B



28. View of paint chipping in 714 B



29. View of typical second bedroom in two bed apartment



30. View of typical second bedroom in two bed apartment



31. View of microbial growth and water damage



32. View of damage to drywall



33. View of paint chipping on railings



34. View of paint chipping



35. View of possible microbial growth



36. View of typical living area in three bedroom apartment



37. View of typical eating area in three bedroom apartment

38. View of typical pantry and/or laundry hook up area in three bedroom apartment



39. View of typical pantry and/or laundry hook up area in three bedroom apartment

40. View of typical kitchen in three bedroom apartment



41. View of typical staircase in three bedroom apartment

42. View of typical bedroom in three bedroom apartment



43. View of typical bathroom in three bedroom apartment



44. View of typical water heater and HVAC closet in apartment



45. View of typical hallway in three bedroom apartment



46. View of typical second bedroom in three bedroom apartment



47. View of typical third bedroom in three bedroom apartment



48. View of typical HVAC and water heater closet in one and two bedroom apartments



49. View of typical HVAC and water heater closet in one and two bedroom apartments



50. View of typical HVAC and water heater closet in three bedroom apartment



51. View of typical HVAC and water heater closet in three bedroom apartment



52. View of typical HVAC and water heater closet in three bedroom apartment



53. View of typical HVAC and water heater closet in three bedroom apartment

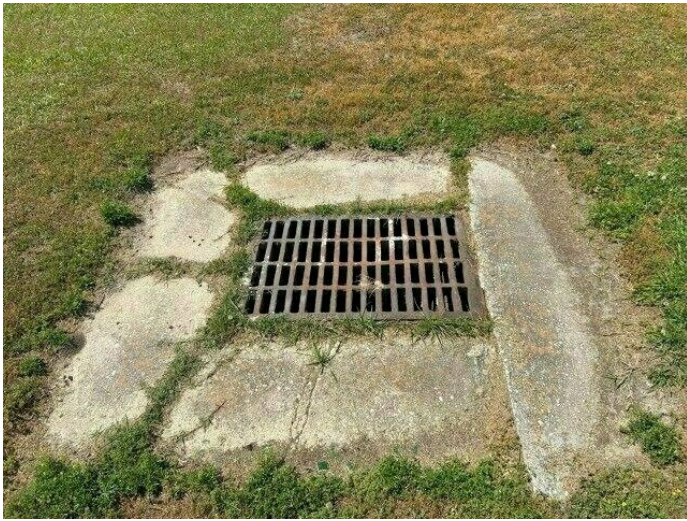


54. View of one of eleven transformers on subject property parcels



55. View of typical HVAC system outside of all apartment buildings

56. View of natural gas line on subject property



57. View of typical stormwater drains on subject property

58. Northern adjacent property



59. Northern adjacent property

60. Northwestern adjacent property



61. Northern adjacent property



62. Eastern adjacent property



63. Eastern adjacent property



64. Southern adjacent property



65. Southeastern adjacent property



66. Southwestern adjacent property



67. Southwestern adjacent property



68. Western adjacent property



69. Western adjacent property



70. Western adjacent property

APPENDIX B: HISTORICAL/REGULATORY DOCUMENTATION



HISTORICAL AERIALS

Project Property: Oakland Place
711 Oakland Avenue
FLORENCE SC

Project No: 24-446236.3

Requested By: Partner Engineering and Science, Inc.

Order No: 25041700670

Date Completed: April 22, 2025

Aerial Maps included in this report are produced by the sources listed above and are to be used for research purposes including a phase I report. Maps are not to be resold as commercial property. ERIS provides no warranty of accuracy or liability. The information contained in this report has been produced using aerial photos listed in above sources by ERIS Information Inc. (in the US) and ERIS Information Limited Partnership (in Canada), both doing business as 'ERIS'. The maps contained in this report do not purport to be and do not constitute a guarantee of the accuracy of the information contained herein. Although ERIS has endeavored to present 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.

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

| Date | Source | Scale | Comments |
|------|-----------------------------------------------|-----------|----------------------------|
| 1941 | Agricultural Stabilization & Conserv. Service | 1" = 500' | |
| 1949 | Agricultural Stabilization & Conserv. Service | 1" = 500' | |
| 1957 | United States Geological Survey | 1" = 500' | |
| 1964 | United States Air Force | 1" = 500' | |
| 1969 | Agricultural Stabilization & Conserv. Service | 1" = 500' | Adjacent Frame Unavailable |
| 1977 | United States Geological Survey | 1" = 500' | |
| 1983 | United States Geological Survey | 1" = 500' | |
| 1994 | United States Geological Survey | 1" = 500' | |
| 2003 | United States Department of Agriculture | 1" = 500' | |
| 2006 | United States Department of Agriculture | 1" = 500' | |
| 2009 | United States Department of Agriculture | 1" = 500' | |
| 2011 | United States Department of Agriculture | 1" = 500' | |
| 2013 | United States Department of Agriculture | 1" = 500' | |
| 2015 | United States Department of Agriculture | 1" = 500' | |
| 2017 | United States Department of Agriculture | 1" = 500' | |
| 2019 | United States Department of Agriculture | 1" = 500' | |
| 2021 | United States Department of Agriculture | 1" = 500' | |
| 2023 | United States Department of Agriculture | 1" = 500' | |

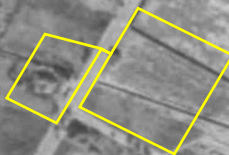
Environmental Risk Information Services

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**Subject
Property**



Year: 1941
Source: ASCS
Scale: 1" = 500'
Comment:

Address: 711 Oakland Avenue, FLORENCE, SC
Approx Center: -79.75913772,34.20614821

Order No: 25041700670

PARTNER

500
Feet

**Subject
Property**



Year: 1949
Source: ASCS
Scale: 1" = 500'
Comment:

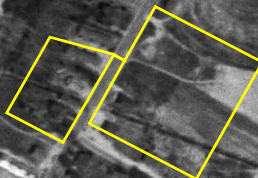
Address: 711 Oakland Avenue, FLORENCE, SC
Approx Center: -79.75913772,34.20614821

Order No: 25041700670

PARTNER

500
Feet

**Subject
Property**



Year: 1957
Source: USGS
Scale: 1" = 500'
Comment:

Address: 711 Oakland Avenue, FLORENCE, SC
Approx Center: -79.75913772,34.20614821

Order No: 25041700670

PARTNER

500
Feet

**Subject
Property**



Year: 1964
Source: USAF
Scale: 1" = 500'
Comment:

Address: 711 Oakland Avenue, FLORENCE, SC
Approx Center: -79.75913772,34.20614821

Order No: 25041700670

PARTNER

500
Feet



Year: 1969
Source: ASCS
Scale: 1" = 500'

Address: 711 Oakland Avenue, FLORENCE, SC
Approx Center: -79.75913772,34.20614821

Order No: 25041700670

Comment: Adjacent Frame Unavailable

PARTNER

500
Feet

**Subject
Property**



Year: 1977
Source: USGS
Scale: 1" = 500'
Comment:

Address: 711 Oakland Avenue, FLORENCE, SC
Approx Center: -79.75913772,34.20614821

Order No: 25041700670

PARTNER

500
Feet

**Subject
Property**



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

Address: 711 Oakland Avenue, FLORENCE, SC
Approx Center: -79.75913772,34.20614821

Order No: 25041700670

PARTNER

500
Feet

**Subject
Property**



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

Address: 711 Oakland Avenue, FLORENCE, SC
Approx Center: -79.75913772,34.20614821

Order No: 25041700670

PARTNER

500
Feet

**Subject
Property**



Year: 2003
Source: USDA
Scale: 1" = 500'
Comment:

Address: 711 Oakland Avenue, FLORENCE, SC
Approx Center: -79.75913772,34.20614821

Order No: 25041700670

PARTNER

500
Feet

**Subject
Property**



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

Address: 711 Oakland Avenue, FLORENCE, SC
Approx Center: -79.75913772,34.20614821

Order No: 25041700670

PARTNER

500
Feet

**Subject
Property**

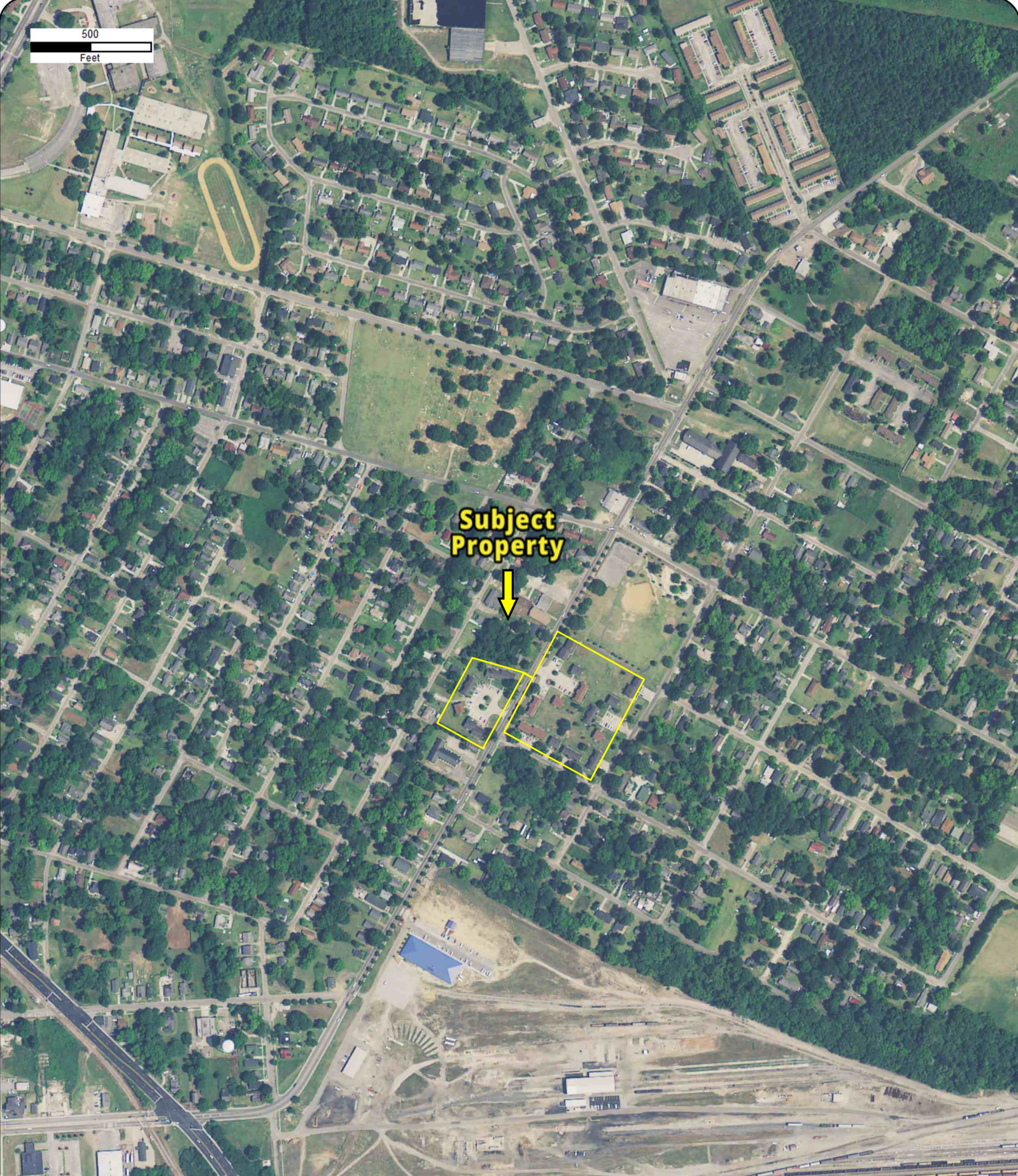


Year: 2009
Source: USDA
Scale: 1" = 500'
Comment:

Address: 711 Oakland Avenue, FLORENCE, SC
Approx Center: -79.75913772,34.20614821

Order No: 25041700670

PARTNER



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

Address: 711 Oakland Avenue, FLORENCE, SC
Approx Center: -79.75913772,34.20614821

Order No: 25041700670



500
Feet

**Subject
Property**

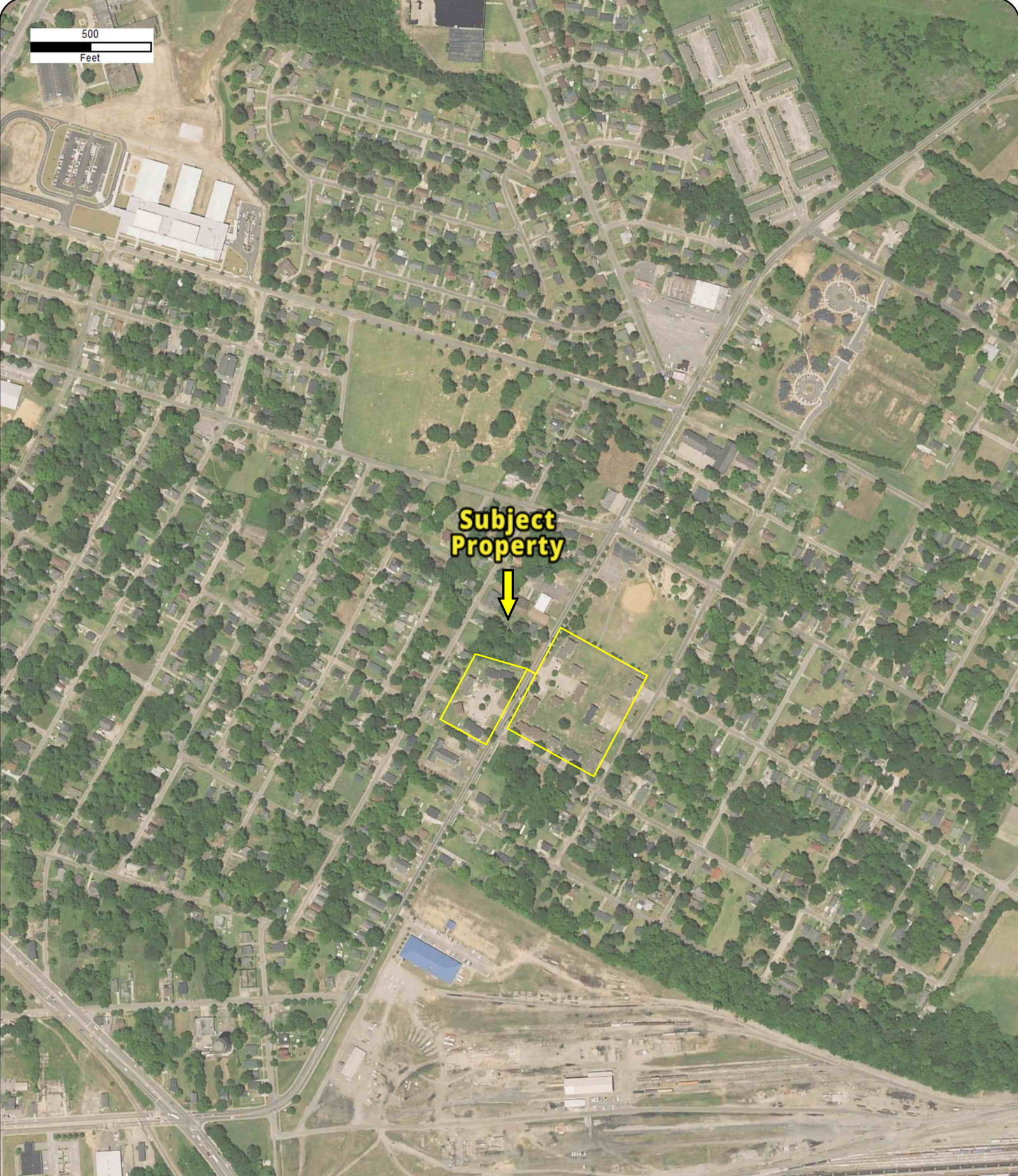


Year: 2013
Source: USDA
Scale: 1" = 500'
Comment:

Address: 711 Oakland Avenue, FLORENCE, SC
Approx Center: -79.75913772,34.20614821

Order No: 25041700670

PARTNER



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

Address: 711 Oakland Avenue, FLORENCE, SC
Approx Center: -79.75913772,34.20614821

Order No: 25041700670

PARTNER

500
Feet

**Subject
Property**

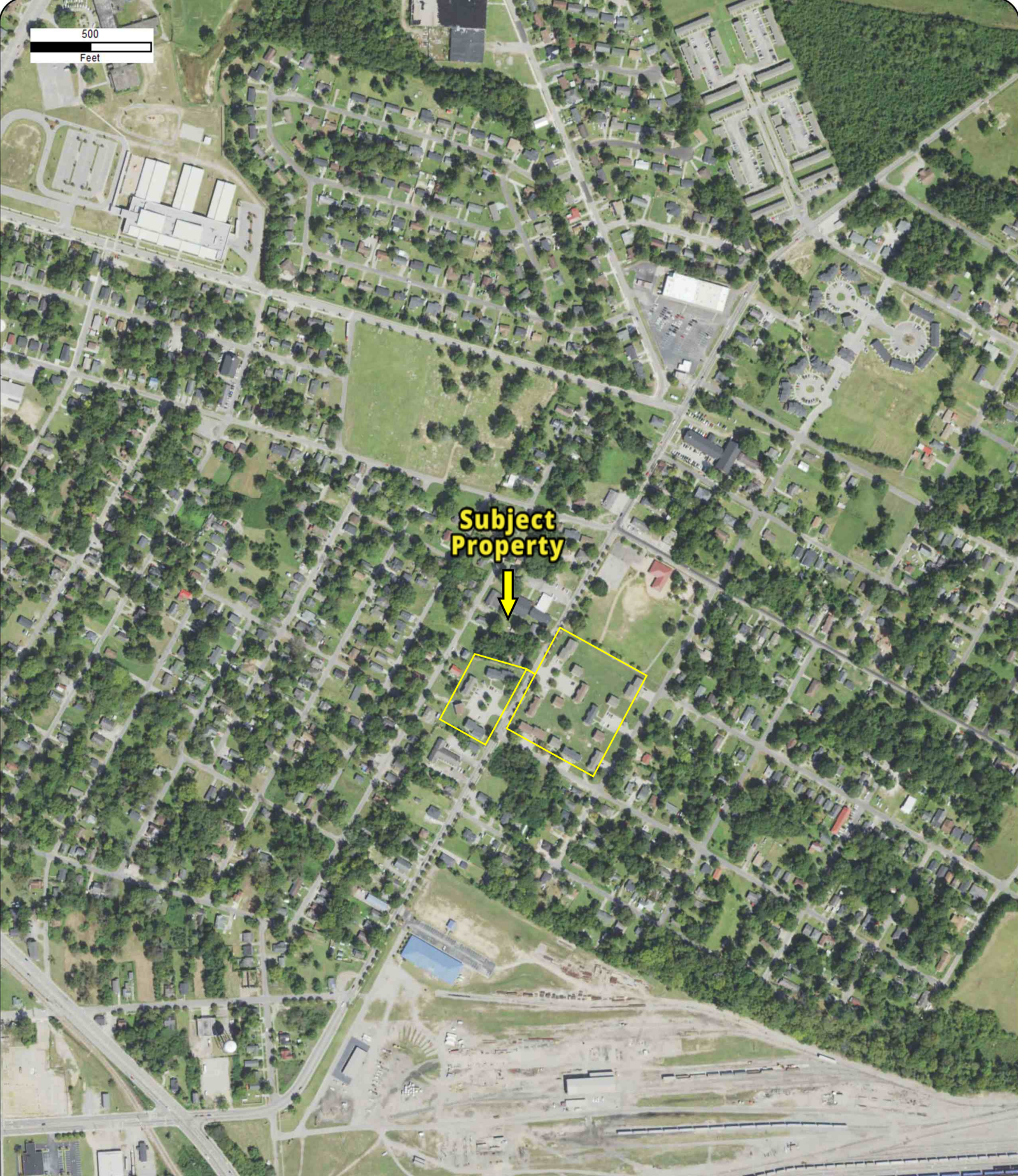


Year: 2017
Source: USDA
Scale: 1" = 500'
Comment:

Address: 711 Oakland Avenue, FLORENCE, SC
Approx Center: -79.75913772,34.20614821

Order No: 25041700670

PARTNER



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

Address: 711 Oakland Avenue, FLORENCE, SC
Approx Center: -79.75913772,34.20614821

Order No: 25041700670



500
Feet

**Subject
Property**



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

Address: 711 Oakland Avenue, FLORENCE, SC
Approx Center: -79.75913772,34.20614821

Order No: 25041700670

PARTNER



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

Address: 711 Oakland Avenue, FLORENCE, SC
Approx Center: -79.75913772,34.20614821

Order No: 25041700670





TOPOGRAPHIC MAPS

Project Property: Oakland Place

711 Oakland Avenue
FLORENCE SC None

Project No: 24-446236.3
Requested By: Partner Engineering and Science, Inc.
Order No: 25041700670
Date Completed: April 18, 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 |
|------|------------|
| 1940 | 15 |
| 1945 | 15 |
| 1986 | 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.

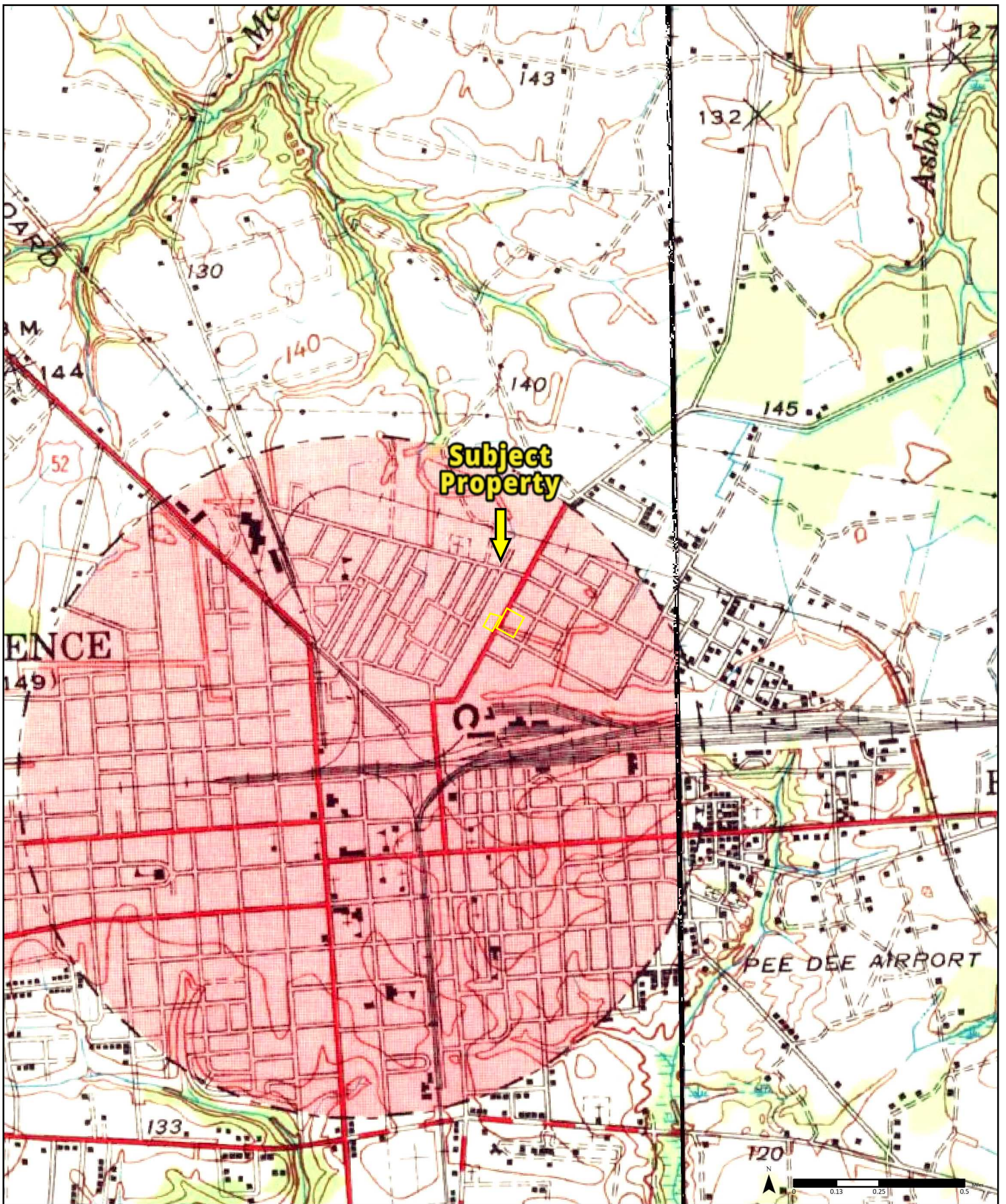
No warranty of Accuracy or Liability for ERIS: The information contained in this report has been produced by ERIS Information Inc.(in the US) and ERIS Information Limited Partnership (in Canada), both doing business as 'ERIS', using Topographic Maps produced by the USGS.

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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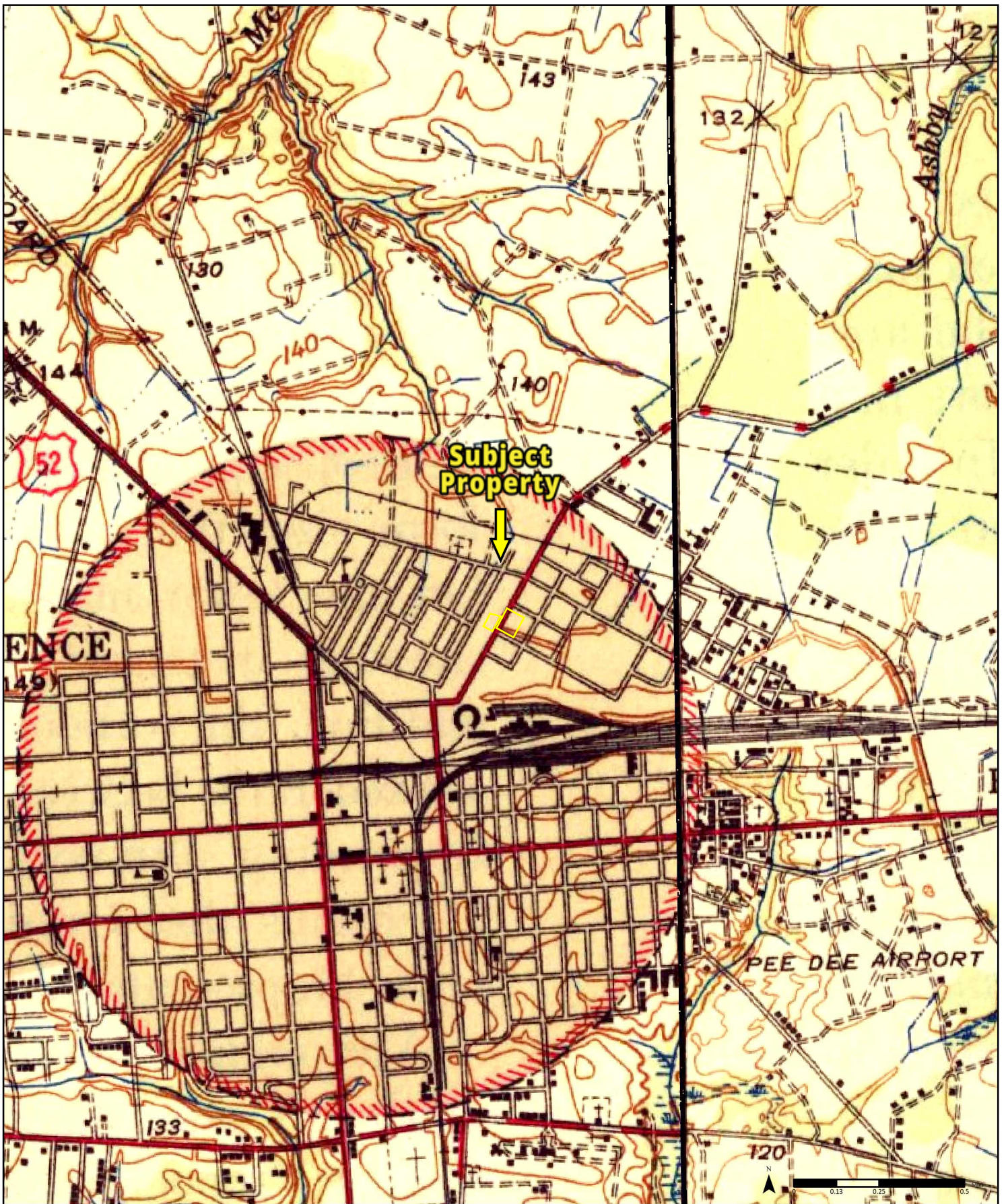
1.866.517.5204 | info@erisinfo.com | erisinfo.com



1940

Available Quadrangle(s): Florence West, SC
Florence East, SC

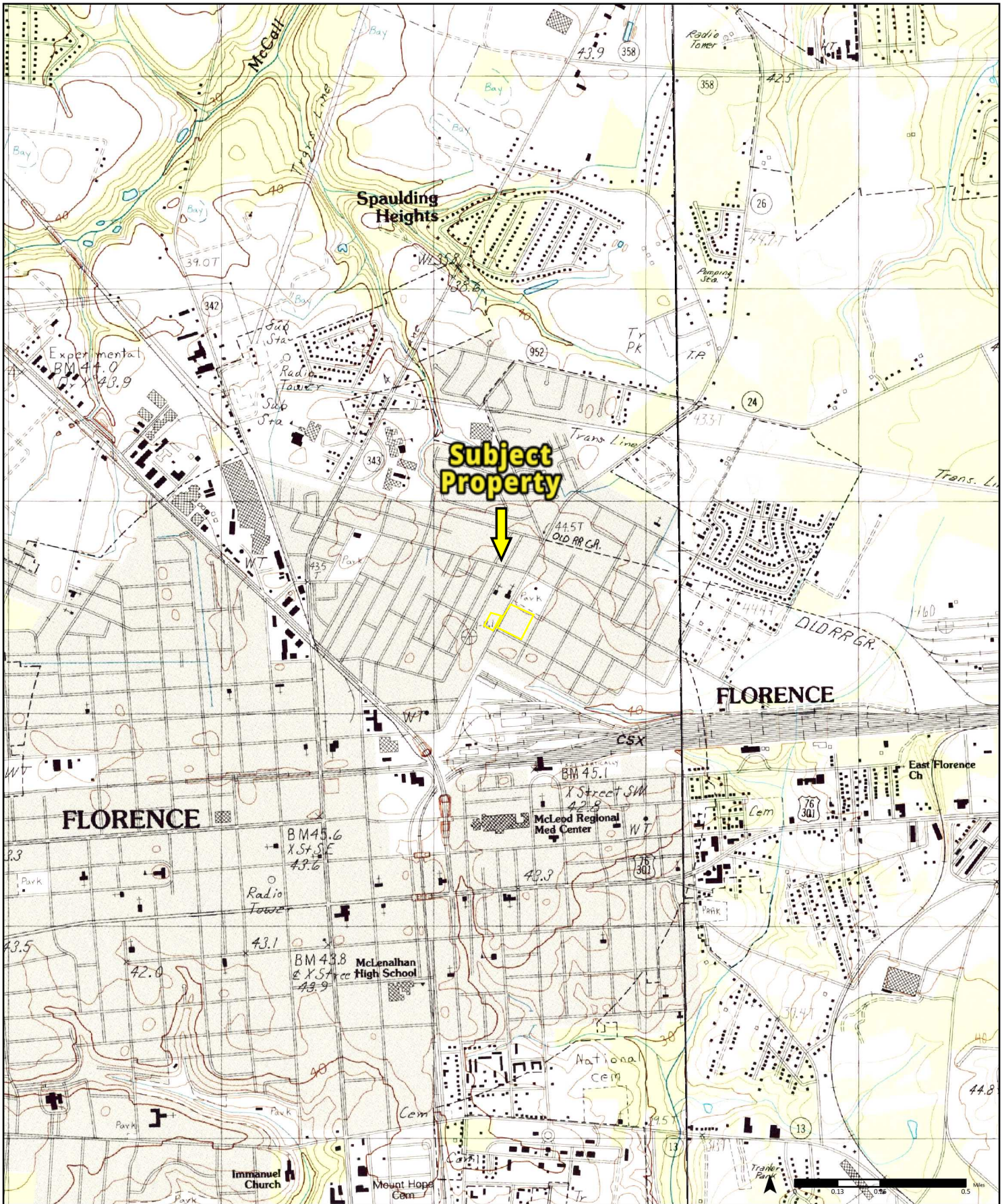
Order No. 25041700670



1945

Available Quadrangle(s): Florence West, SC
Florence East, SC

Order No. 25041700670

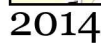


1986

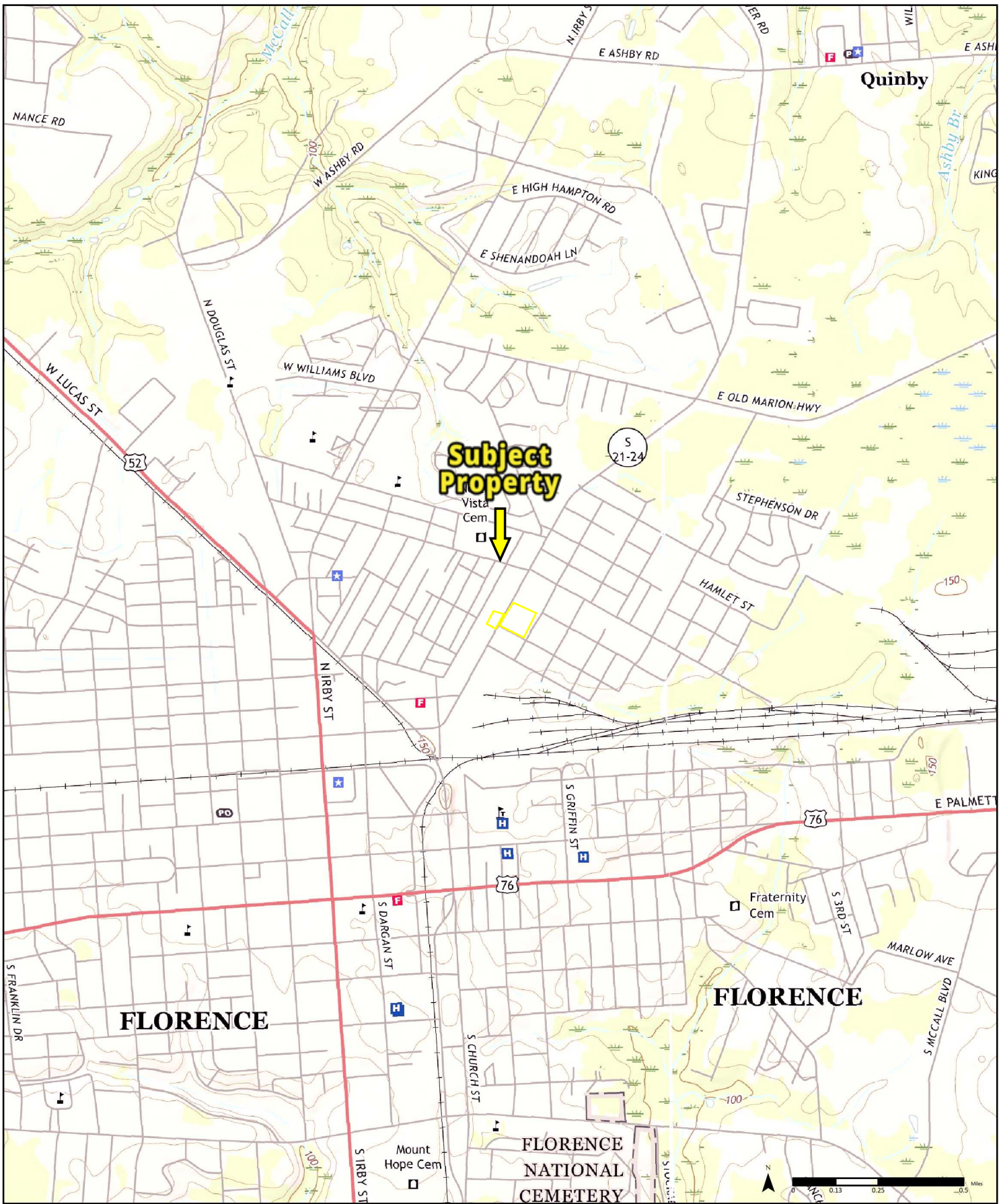
(1-1986) Aerial Photo Year: 1977 (2-1986) Aerial Photo Year: 1977

Available Quadrangle(s): Florence West, SC(1-1986)
Florence East, SC(2-1986)

Order No. 25041700670



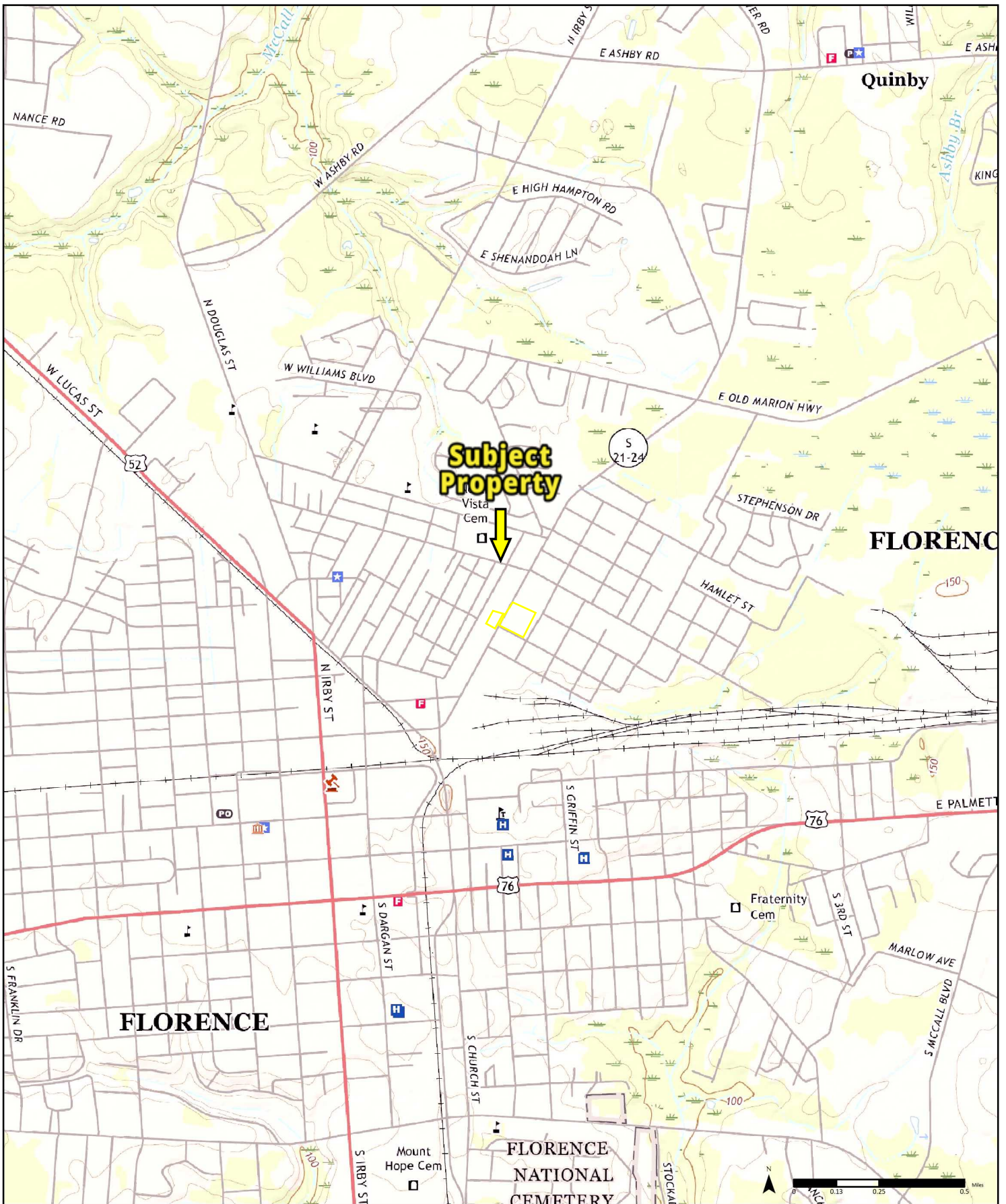
Order No. 25041700670



2017

Available Quadrangle(s): Florence West, SC
Florence East, SC

Order No. 25041700670



2020

Available Quadrangle(s): Florence West, SC
Florence East, SC

Order No. 25041700670



FIRE INSURANCE MAPS

Project Property: Oakland Place
711 Oakland Avenue FLORENCE SC
Project No: 24-446236.3
Requested By: Partner Engineering and Science, Inc.
Order No: 25041700670
Date Completed: April 18, 2025

Listed below, please find the results of our search for historic fire insurance maps from our in-house collection, performed in conjunction with your ERIS report.

| Date | City | State | Volume | Sheet Number(s) |
|------|----------|----------------|--------|-----------------|
| 1918 | Florence | South Carolina | | 19 |
| 1924 | Florence | South Carolina | | 26, 27 |
| 1947 | Florence | South Carolina | | 26, 27 |
| 1952 | Florence | South Carolina | | 26, 27 |
| 1961 | Florence | South Carolina | | 26, 27 |

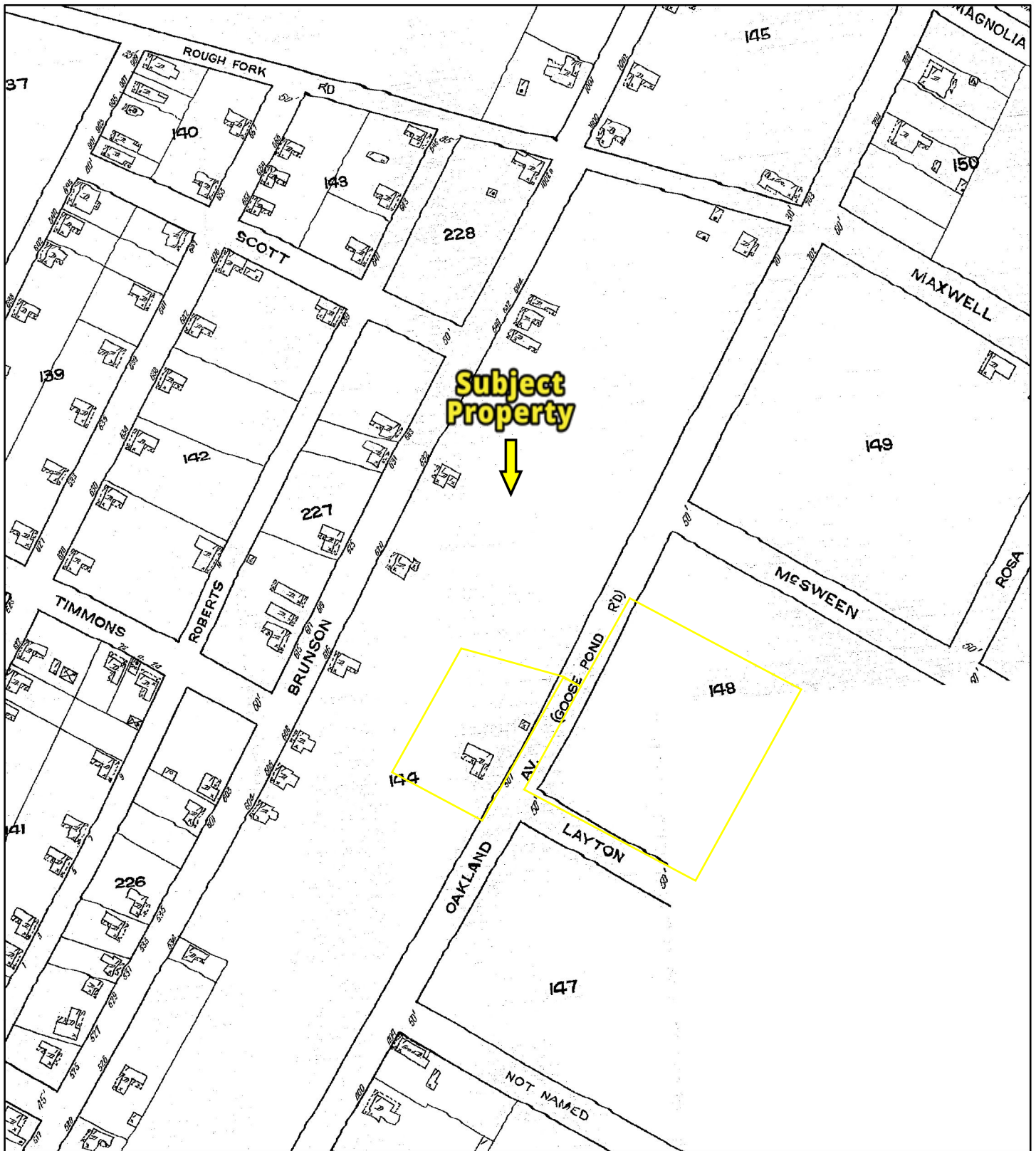
Individual Fire Insurance Maps for the subject property and/or adjacent sites are included with the ERIS environmental database report to be used for research purposes only and cannot be resold for any other commercial uses other than for use in a Phase I environmental assessment.

Environmental Risk Information Services

A division of Glacier Media Inc.

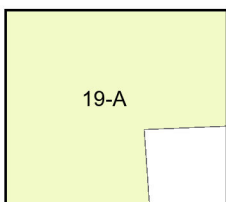
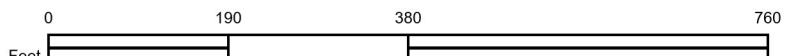
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Fire Insurance Map



1918

Address: 711 Oakland Avenue FLORENCE SC

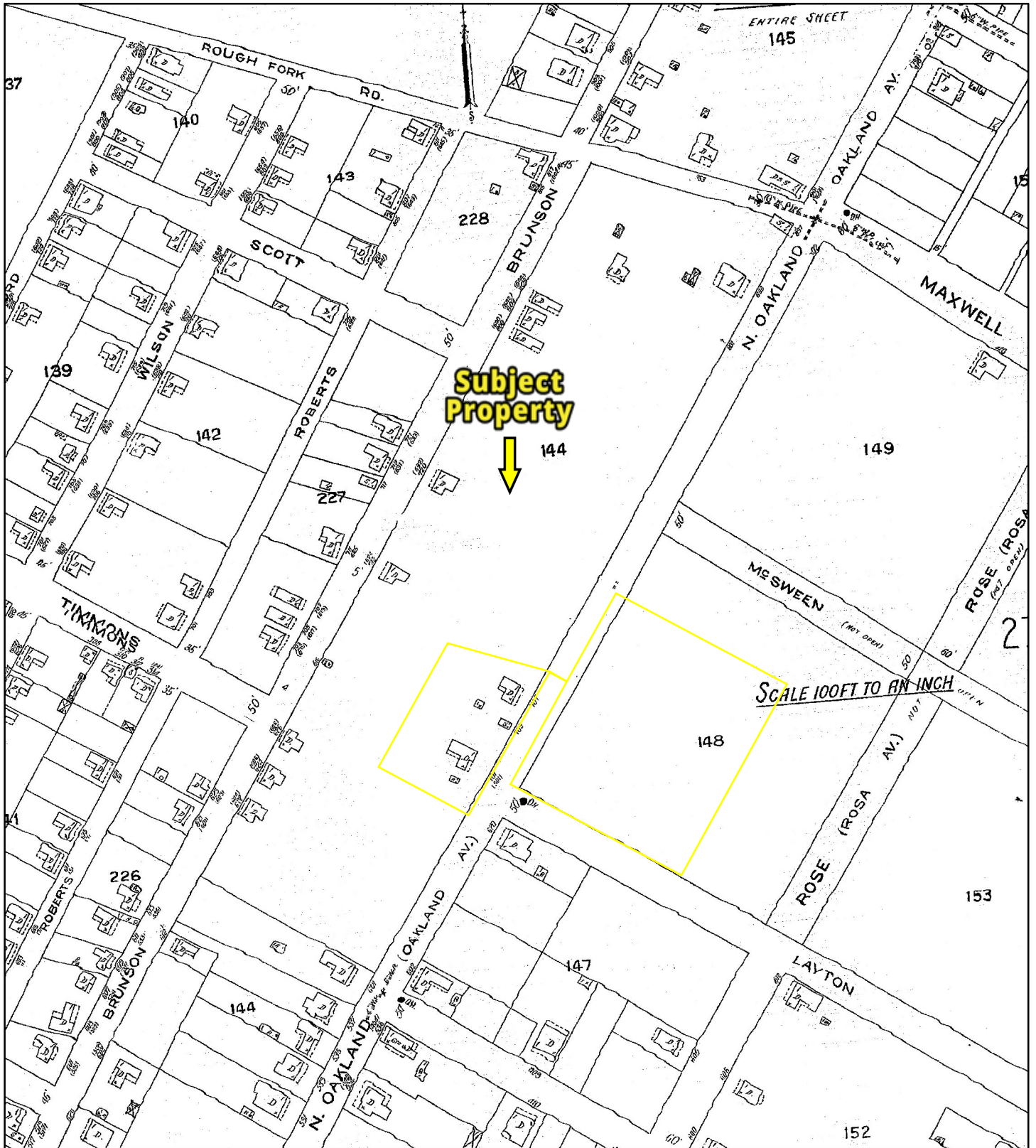


Map sheet(s):
Volume NA: 19;

Order Number 25041700670

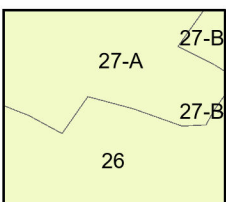
PARTNER

Fire Insurance Map

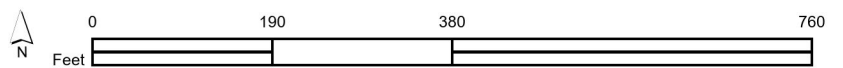


1924

Address: 711 Oakland Avenue FLORENCE SC



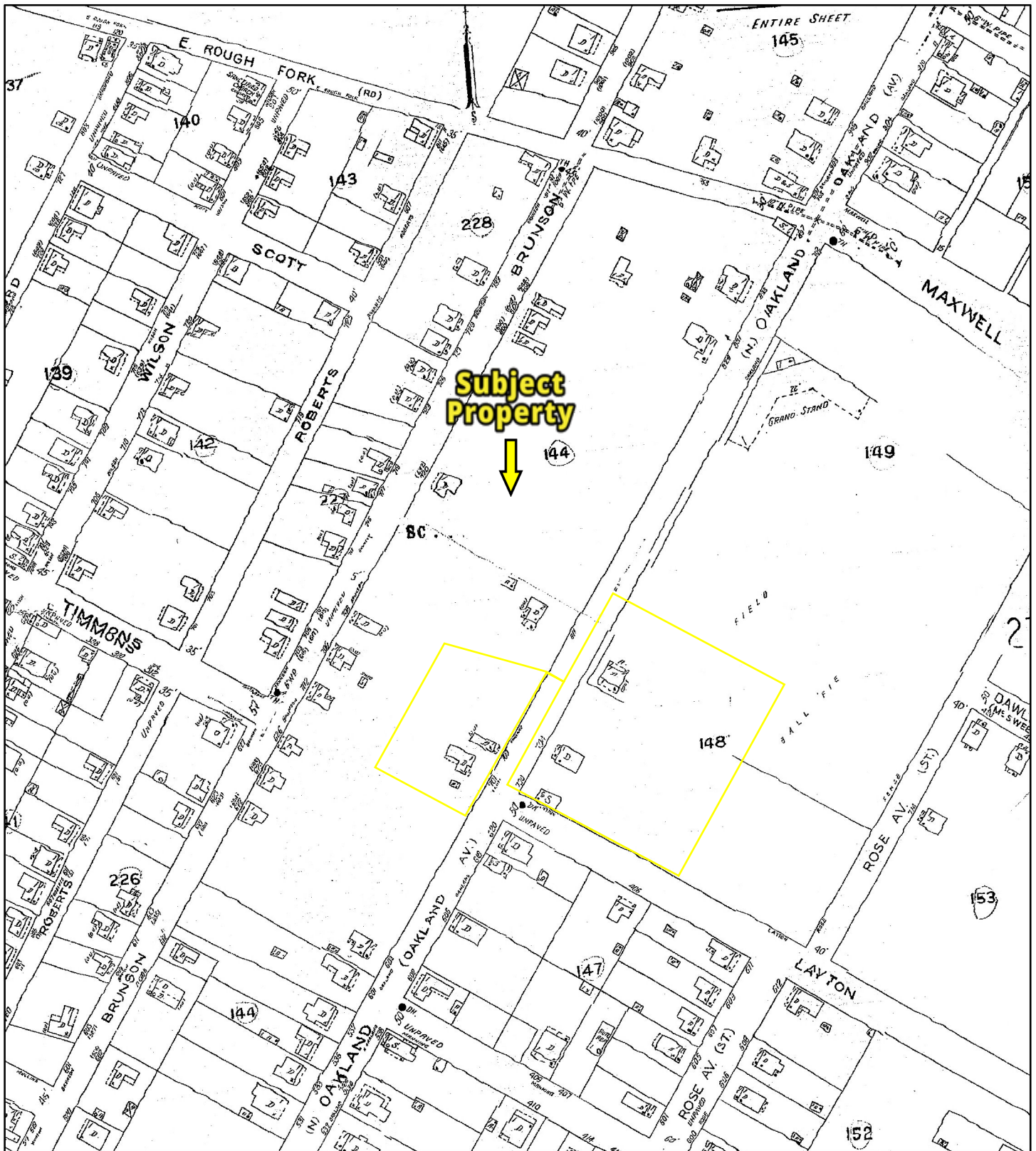
Map sheet(s):
Volume NA: 26,27;



Order Number 25041700670

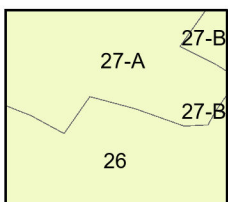
PARTNER

Fire Insurance Map



1947

Address: 711 Oakland Avenue FLORENCE SC

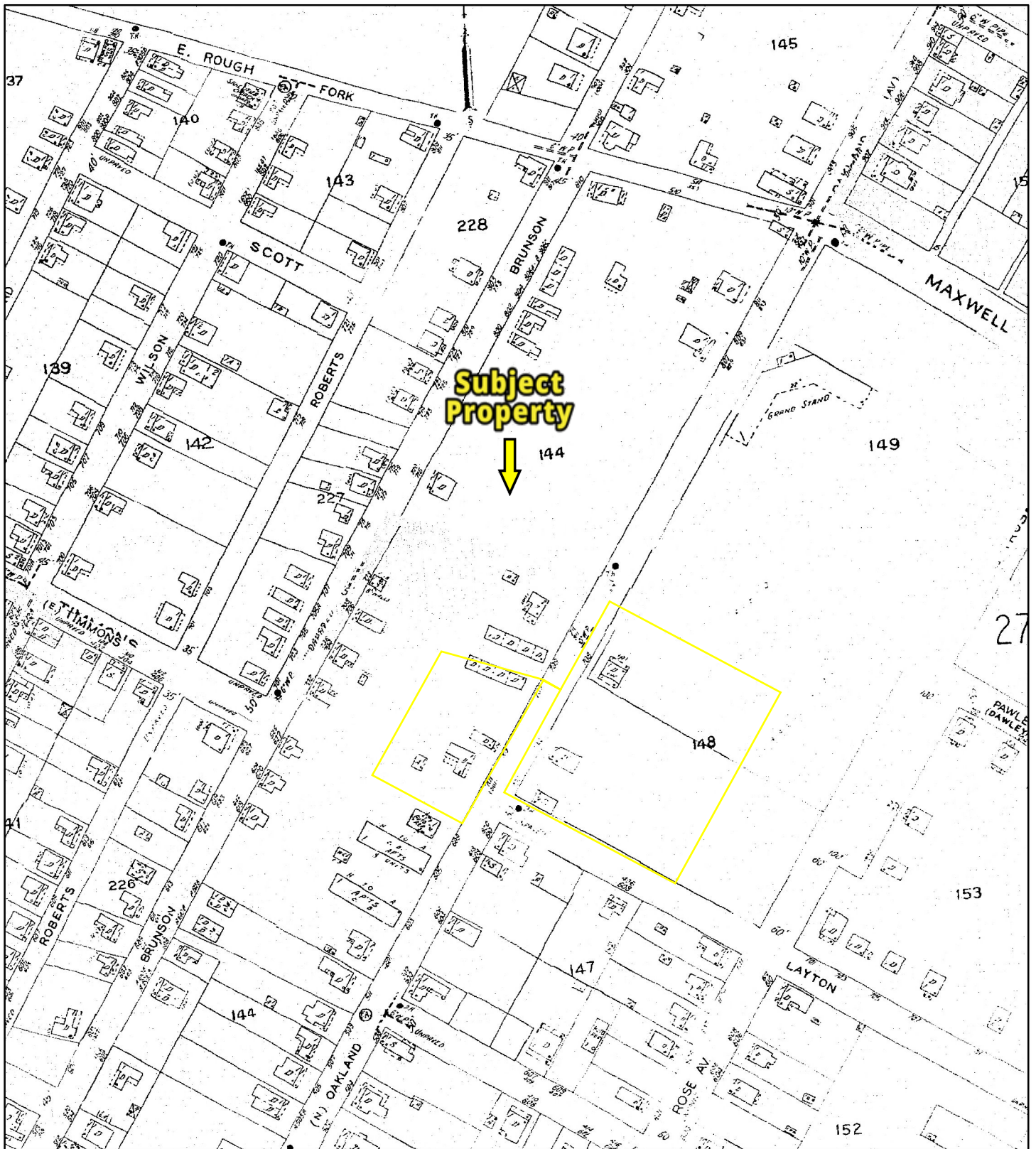


Map sheet(s):
Volume NA: 26,27;

Order Number 25041700670

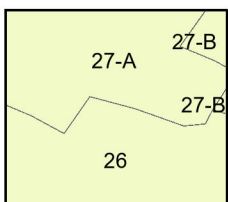
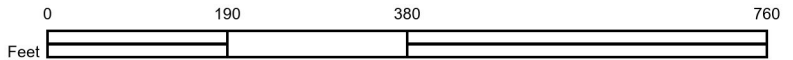
PARTNER

Fire Insurance Map



1952

Address: 711 Oakland Avenue FLORENCE SC

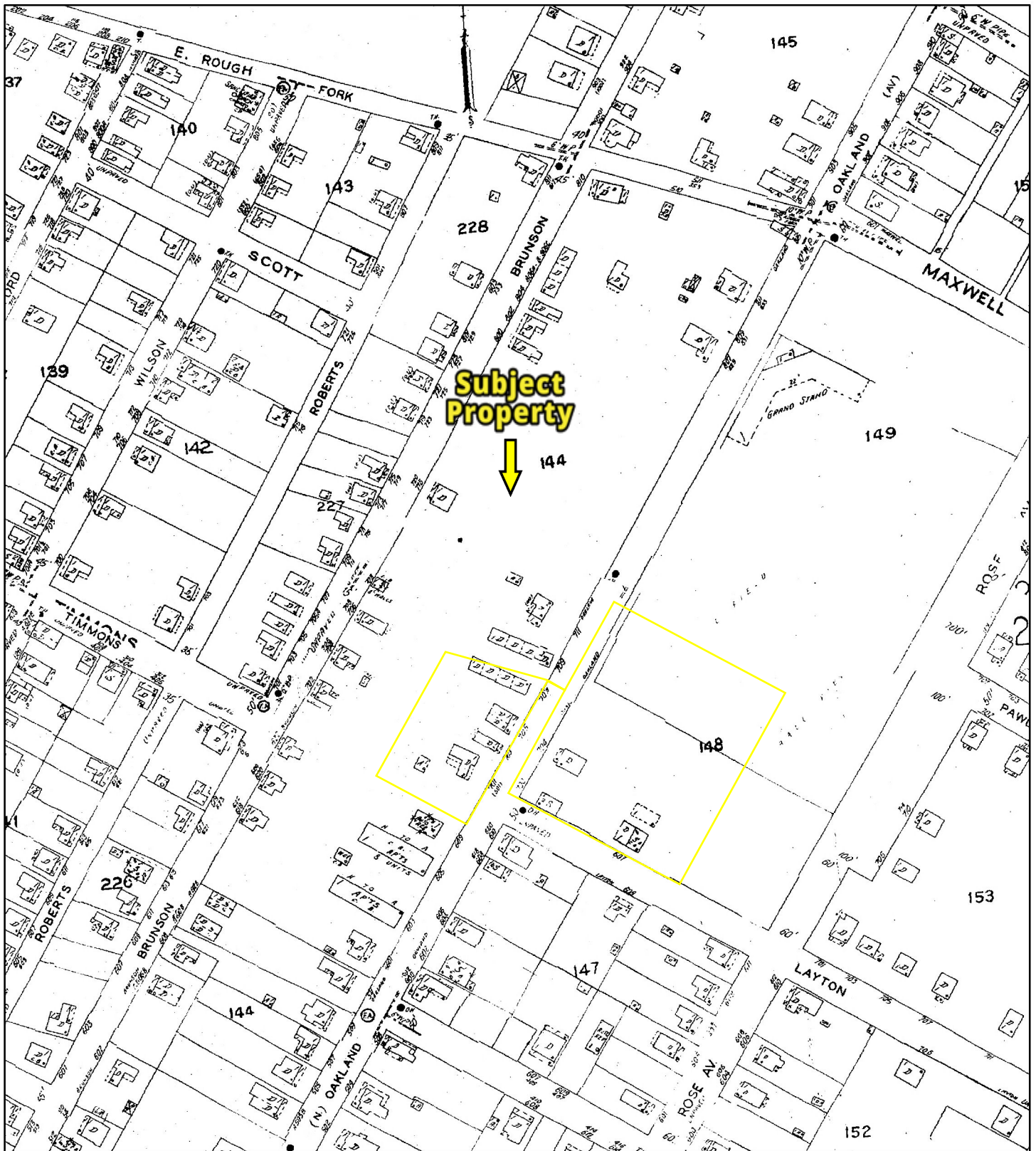


Map sheet(s):
Volume NA: 26,27;

Order Number 25041700670

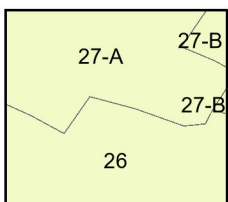
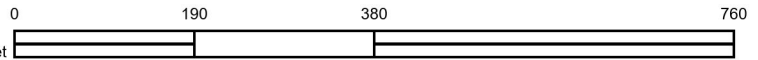
PARTNER

Fire Insurance Map



1961

Address: 711 Oakland Avenue FLORENCE SC



Map sheet(s):
Volume NA: 26,27;

Order Number 25041700670

PARTNER



CITY DIRECTORY

Project Property: *Oakland Place
711 Oakland Avenue
FLORENCE, SC*

Project No: *24-446236.3*

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

Order No: *25041700670*

Date Completed: *April 23, 2025*

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

April 23, 2025
RE: CITY DIRECTORY RESEARCH
711 Oakland Avenue
FLORENCE, SC

Thank you for contacting ERIS for an City Directory Search for the site described above. Our staff has conducted a reverse listing City Directory search to determine prior occupants of the subject site and adjacent properties. We have provided the nearest addresses(s) when adjacent addresses are not listed. If we have searched a range of addresses, all addresses in that range found in the Directory are included.

Note: Reverse Listing Directories generally are focused on more highly developed areas. Newly developed areas may be covered in the more recent years, but the older directories will tend to cover only the "central" parts of the city. To complete the search, we have either utilized the ACPL, Library of Congress, State Archives, and/or a regional library or history center as well as multiple digitized directories. These do not claim to be a complete collection of all reverse listing city directories produced.

ERIS has made every effort to provide accurate and complete information but shall not be held liable for missing, incomplete or inaccurate information. To complete this search we used the general range(s) below to search for relevant findings. If you believe there are additional addresses or streets that require searching please contact us at 866-517-5204.

Search Criteria:

600-900 of Oakland Ave

Search Notes:

Search Results Summary

| Date | Source | Comment |
|------|----------------------------|---------|
| 2023 | DIGITAL BUSINESS DIRECTORY | |
| 2020 | DIGITAL BUSINESS DIRECTORY | |
| 2016 | DIGITAL BUSINESS DIRECTORY | |
| 2012 | DIGITAL BUSINESS DIRECTORY | |
| 2008 | DIGITAL BUSINESS DIRECTORY | |
| 2003 | DIGITAL BUSINESS DIRECTORY | |
| 2000 | DIGITAL BUSINESS DIRECTORY | |
| 1996 | POLKS | |
| 1993 | CITY DIRECTORY INC | |

Environmental Risk Information Services

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1.866.517.5204 | info@erisinfo.com | erisinfo.com

609 GREATER MORNINGSTAR APOSTOLIC...CHURCHES
703 JOSEPH JENNINGS...RESIDENTIAL
705 TERRESA HAMILTON...RESIDENTIAL
708 DEZARAY HICKMAN...RESIDENTIAL
708 GLENDA GEORGE...RESIDENTIAL
708 JAMES PAIGE...RESIDENTIAL
710 STACEY BLACK...RESIDENTIAL
712 BILLY NELSON...RESIDENTIAL
713 JAMES HARRIS...RESIDENTIAL
801 JENISE EAGLETON...RESIDENTIAL
801 SHIRLEY EAGLETON...RESIDENTIAL
803 FLORENCE SHEKINAH GLORY SDA...CHURCHES
803 SHAKINAH GLORY SDA...SCHOOLS
803 SHAKINAH GLORY SDA...SCHOOLSUNIVERSITIES & COLLEGES ACADEMIC
811 M JOANWASHINGTON...RESIDENTIAL

609 GREATER MORNINGSTAR APOSTOLIC...CHURCHES
705 TERRESA HAMILTON...RESIDENTIAL
708 DEZARAY HICKMAN...RESIDENTIAL
708 GLENDA GEORGE...RESIDENTIAL
708 JAMES PAIGE...RESIDENTIAL
710 STACEY BLACK...RESIDENTIAL
712 BILLY NELSON...RESIDENTIAL
713 JAMES HARRIS...RESIDENTIAL
801 JENISE EAGLETON...RESIDENTIAL
803 FLORENCE-SHEKINAH GLORY SDA...CHURCHES
803 SHAKINAH GLORY SDA...SCHOOLSUNIVERSITIES & COLLEGES ACADEMIC
803 SHAKINAH GLORY SDA...SCHOOLS
811 M JOANWASHINGTON...RESIDENTIAL
900 MAXWELL'S GROCERY...CONVENIENCE STORES

609 GREATER MORNINGSTAR APOSTOLIC...CHURCHES
609 HOUSE OF PRAYER...CHURCHES
708 TAMMY HICKMAN...RESIDENTIAL
710 STACEY BLACK...RESIDENTIAL
712 BILLY NELSON...RESIDENTIAL
713 JAMES HARRIS...RESIDENTIAL
801 JENISE EAGLETON...RESIDENTIAL
801 SHIRLEY EAGLETON...RESIDENTIAL
803 JACK HANNA JUNIOR ACADEMY...SCHOOLS-NURSERY & KINDERGARTEN
ACADEMIC
803 SHAKINAH GLORY SDA...SCHOOLS
811 JOAN WASHINGTON...RESIDENTIAL
811 M JOANWASHINGTON...RESIDENTIAL
900 ATM...AUTOMATED TELLER MACHINES
900 MAXWELL'S GROCERY...CONVENIENCE STORES

601 RHODA MACK...RESIDENTIAL
713 WILLIE HANNAH...RESIDENTIAL
801 SHIRLEY EAGLETON...RESIDENTIAL
803 JACK J HANNA JR ACADEMY...SCHOOLS-NURSERY & KINDERGARTEN
ACADEMIC
803 OAKLAND AVE CHURCH...CHURCHES
803 SHAKINAH GLORY SDA SCHOOL...RELIGIOUS SCHOOLS
900 MAXWELL'S GROCERY...CONVENIENCE STORES

602 PALMETTO STATE LAW ENFORCEMENT...ASSOCIATIONS
609 HOUSE OF PRAYER...CHURCHES
701 RANDA WASHINGTON...RESIDENTIAL
701 TWANA FRONTIS...RESIDENTIAL
703 KIMBERLYN PIPKINS...RESIDENTIAL
703 YVETTE MOSELY...RESIDENTIAL
705 SUSIE M TUBOSE...RESIDENTIAL
707 DETROD ROBINSON...RESIDENTIAL
707 NERRISSIA M JAMES...RESIDENTIAL
708 THICKMAN...RESIDENTIAL
709 JENEISE WRIGHT...RESIDENTIAL
709 PAMELA WRIGHT...RESIDENTIAL
710 JENNIFER JAMES...RESIDENTIAL
711 JOHNNY RUTH...RESIDENTIAL
711 LATASHA FLEMMINGS...RESIDENTIAL
712 GARY C FLOYD...RESIDENTIAL
713 CICALY BARR...RESIDENTIAL
713 CICELY BARR...RESIDENTIAL
713 VANESSA A PERKINS...RESIDENTIAL
714 LATOYA S COE...RESIDENTIAL
714 WILLIE CHARLES...RESIDENTIAL
718 ALFREDA PENDERGRASS...RESIDENTIAL
718 LAURA A MCCLARY...RESIDENTIAL
720 JERONELL WILLIAMS...RESIDENTIAL
720 SHARON Z TAYLOR...RESIDENTIAL
722 DENISE FULMORE...RESIDENTIAL
722 E WILLIAMS...RESIDENTIAL
801 SHIRLEY EAGLETON...RESIDENTIAL
803 OAKLAND AVENUE SDA SCHOOL...CHURCHES
803 SEVENTH-DAY ADVENTIST CHURCH...CHURCHES
811 JOAN WASHINGTON...RESIDENTIAL
900 MAXWELLS GROCERY...RET GROCERIES RET MEAT/FISH GASOLINE SERVICE
STATION
900 MAXWELLS GROCERY...CONVENIENCE STORES

601 HORACE WRIGHT...RESIDENTIAL
602 PALMETTO STATE LAW ENFORCEMENT...GROWERS' ASSOCIATIONS
609 HOUSE OF PRAYER
701 CARLA ANDERSON...RESIDENTIAL
701 EDNA ANDERSON...RESIDENTIAL
705 DASHAWN LEE...RESIDENTIAL
707 VALARIE COOPER...RESIDENTIAL
708 JOYCE DAVIS...RESIDENTIAL
708 SAMMY BROWN...RESIDENTIAL
709 L JAMES...RESIDENTIAL
711 BILLY BARR...RESIDENTIAL
713 L A CRAWFORD...RESIDENTIAL
716 KAYERRA REID...RESIDENTIAL
716 TARA OGLESBY...RESIDENTIAL
720 D PAUL...RESIDENTIAL
722 FANIKA GEORGE...RESIDENTIAL
801 SHIRLEY EAGLETON...RESIDENTIAL
803 OAKLAND AVENUE SDA SCHOOL
803 SEVENTH-DAY ADVENTIST CHURCH...PUBLIC ELEMENTARY AND SECONDARY
SCHOOLS
900 MAXWELL'S GROCERY

601 HORACE WRIGHT...RESIDENTIAL
602 PALMETTO STATE LAW ENFORCEMENT...GROWERS' ASSOCIATIONS
701 CARLA ANDERSON...RESIDENTIAL
701 EDNA ANDERSON...RESIDENTIAL
705 DASHAWN LEE...RESIDENTIAL
707 VALARIE COOPER...RESIDENTIAL
708 JOYCE DAVIS...RESIDENTIAL
708 SAMMY BROWN...RESIDENTIAL
709 L JAMES...RESIDENTIAL
711 BILLY BARR...RESIDENTIAL
713 L A CRAWFORD...RESIDENTIAL
716 KAYERRA REID...RESIDENTIAL
716 TARA OGLESBY...RESIDENTIAL
720 D PAUL...RESIDENTIAL
722 FANIKA GEORGE...RESIDENTIAL
801 SHIRLEY EAGLETON...RESIDENTIAL
803 OAKLAND AVENUE S D A CHURCH
803 OAKLAND AVENUE SDA SCHOOL
803 SEVENTH-DAY ADVENTIST CHURCH...PUBLIC ELEMENTARY AND SECONDARY
SCHOOLS
900 MAXWELL'S GROCERY

509 KING BENNIE
601 WRIGHT HORAC
602 PALMETTO STATE LAW
602 PALMETTO STATE LAW ENFORCEMENT
701 ANDERSON CARLA
701 ANDERSON EDNA .
705 LEE DASHAWN
707 JAMES NERRIS M
709 DAVIS JOYCE
711 BARR BILLY
711 BROCK ANTHONY
711 HICKMAN T
712 ADDISON DOROTHY
713 CRAWFORD LIVING A
713 MORGAN S.
714 BROWN M
716 OGLESBY TARA
720 PAUL D
722 GEORGE FANIKA
801 EAGLETON SHIRLEY
803 SEVENTH - DAY ADVENTIST CHURCH
900 HYLER'S GROCERY
900 HYLER'S GROCERY .
902 WASHINGTON JOAN

| | |
|-----|-----------------------------------------------|
| 509 | KING BENNIE - R 669-7192 |
| 601 | WRIGHT HORACE - R 664-1093 |
| 602 | PALMETTO STATE LAW |
| 602 | PALMETTO STATE LAW ENFORCEMENT |
| 602 | PALMETTO STATE LAW ENFORCEMENT 6650888 |
| 701 | ANDERSON EDNA M B |
| 701 | ANDERSON EDNA M B R |
| 703 | MUMFORD BERTHA |
| 703 | MUMFORD BERTHA #A |
| 708 | BROWN SAMMY |
| 708 | BROWN SAMMY R 6627214 |
| 711 | BARR ESTHER F |
| 711 | BARR ESTHER F R 6627475 |
| 711 | RIVERS CATRELL |
| 711 | RIVERS CATRELL R 6671833 |
| 713 | BROCKINGTON UPHELIA |
| 713 | BROCKINGTON UPHELIA R |
| 713 | CRAWFORD LIVINGSTON |
| 714 | BROWN WILLIE MAE |
| 714 | BROWN WILLIE MAE R |
| 714 | EHRIKE WILLIAM CARL |
| 714 | EHRIKE WILLIAM CARL ' |
| 801 | EAGLETON JERNICE |
| 801 | EAGLETON JERNICE R |
| 801 | EAGLETON SHIRLEY W |
| 803 | CHURCH . 6698402 |
| 803 | SEVENTH DAY ADVENTIST |
| 803 | SEVENTH DAY ADVENTIST CHURCH AND KINDERGARTEN |
| 803 | SEVENTH DAY ADVENTIST KINDERGA .. 6698402 |
| 900 | HYLERS GROCERY |
| 900 | HYLERS GROCERY 6616978 |
| 902 | WASHINGTON JOAN |
| 902 | WASHINGTON JOAN R 6691201 |

Contact Information

First Name

Alyssa

MI

Last Name

Stone

Address Line 1

1515 Mockingbird Lane Suite 840

Address Line 2

1515 Mockingbird Lane Suite 840

City

Charlotte

State

North Carolina



Zip

28209

Email

astone@partneresi.com

Work Phone

8038768143

Freedom of Information Request Form

Customer Service: (803) 898-3882

Date

4/28/2025

Requested Information

File Review



What is the period of time for the records/file review requested?

Great than 24 Months



Facility or project name:

Environmental Phase 1 Assessment

Facility address:

711 Oakland Ave, Florence, SC 29506 - Oakland Place Apartments

County

Florence



DES file custodian/staff contact if known:

Description of document or files requested:

I am performing a Phase I ESA on the property located at 711 Oakland Ave, Florence, SC 29506 - Oakland Place Apartments.

I am looking for any information regarding emergency responses for hazardous or petroleum materials, underground or aboveground storage tanks, spills, dumpings, permits, release or violations for the property listed above. I am also looking for any code violations and the most recent fire inspection report. Any information you can provide would be much appreciated. Also, could you please provide me with any information regarding this property as it pertains to zoning or planning records?

I am also looking for any permits related to underground storage or aboveground storage tank on the neighboring properties or if anything of a hazardous nature has occurred on the adjacent properties that may have impacted the identified property. Thanks!

Please upload any relevant attachments that can assist with your FOI Request.

Upload File

No file chosen

Upload File

No file chosen

Upload File

No file chosen

Family Privacy Protection Act Statement

* The Family Privacy Protection Act, SC Code Section 30-2-50, prohibits any person or private entity from knowingly obtaining or using any personal information obtained from our agency for commercial solicitation directed to any person in the State. Violation of this law is a crime.

I have read and understand this statement. I am not requesting this information for the purposes of commercial solicitation in violation of the law.

☐ I Agree.

Personal information provided in this document is subject to public scrutiny or release.

Sign using your mouse or finger...

Hyatt

Clear

Submit



PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

Oakland Place

711 Oakland Avenue
Florence, South Carolina 29506

Report Date

May 21, 2024

Site Inspection Date

May 6, 2024

Partner Project No.

24-446236.1

Prepared for:

Soho Housing Partners, LLC



Building
Science



Environmental
Consulting



Construction &
Development



Energy &
Sustainability



May 21, 2024

Mr. Kevin DiQuattro
Soho Housing Partners, LLC

Subject: Phase I Environmental Site Assessment
Oakland Place
711 Oakland Avenue
Florence, South Carolina 29506
Partner Project No. 24-446236.1

Dear Mr. DiQuattro:

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 (818) 337-1203.

Sincerely,

DRAFT

Misty Ponce
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 Soho Housing Partners, LLC for the property located at 711 Oakland Avenue in Florence, Florence County, South Carolina (the “subject property”). The Phase I Environmental Site Assessment is designed to provide Soho Housing Partners, LLC 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 northeast and northwest of the Oakland Avenue and Layton Street intersection within a residential area of Florence. Please refer to the table below for a further description of the subject property:

| <i>Subject Property Data</i> | |
|---------------------------------------|-------------------------------------------------------------------|
| <i>Address:</i> | 711 Oakland Avenue, Florence, South Carolina |
| <i>Historical Addresses:</i> | 501, 701, 704, 733, 739, 811 Oakland Avenue and 607 Layton Street |
| <i>Property Use:</i> | Multi-family residential |
| <i>Land Acreage (Ac):</i> | 7.06 |
| <i>Number of Buildings:</i> | 17 |
| <i>Number of Floors:</i> | Two |
| <i>Gross Building Area (SF):</i> | 60,000 |
| <i>Date of Construction:</i> | ~1972 |
| <i>Parcel Number:</i> | 90100-06-012 (Parcel 1) and 90100-05-002 (Parcel 2) |
| <i>Type of Construction:</i> | Concrete slab-on-grade / Brick |
| <i>Current Tenants:</i> | 64 Apartments for residential use |
| <i>Site Assessment Performed By:</i> | Emily Long of Partner |
| <i>Site Assessment Conducted On:</i> | May 6, 2024 |
| <i>Regulatory Radius Report Date:</i> | May 7, 2024 |
| <i>Lien Search Date:</i> | N/A |
| <i>Report Date:</i> | May 21, 2024 |
| <i>FOIAs Date:</i> | May 10, 2024 |

The subject property is currently occupied by 64 apartments for residential use. Onsite operations consist of a multi-family apartment complex. In addition to the current structures, the subject property is also improved with concrete-paved parking areas, associated landscaping, perimeter fencing along Oakland Avenue, mail box kiosks, and solid waste dumpster enclosures.

According to available historical sources, the subject property was developed with single-family residences between 1918 and 1924, single-family residences and a portion of a baseball field from 1941 to at least 1947, single and multi-family residential buildings from 1957 until 1964, and developed with the current structures in approximately 1972. Tenants on the subject property have included undeveloped areas and a single-family residence (1918); undeveloped areas and two single-family residences (1924); single-family residences and a portion of a baseball field (1941-1947); single and multi-family residential buildings and a portion of a baseball field (1957-1964), and multi-family apartment improvements (1977-Present).

The adjoining properties are tabulated below:

| Adjoining Properties | |
|---------------------------------|------------------------------------------------------------------------------------------------------------------|
| North of eastern parcel: | Iola Jones Park (608 Maxwell Street) |
| North of western parcel: | Single-family residences (701 and 801 Oakland Avenue) |
| East: | Rose Street, beyond are single-family residences (701 Layton Street, 706 Rose Street, 700 and 702 Pawley Street) |
| South of eastern parcel: | Layton Street, beyond are undeveloped lots and single-family residences (610 and 611 Rose Street) |
| South of western parcel: | Greater Morning Star Apostolic Ministries No. 7 (609 Oakland Avenue) |
| West: | Single-family residences (702, 704, 706, and 710 Brunson Street) |

According to topographic map interpretation and information obtained from regulatory database report, the physical setting features of the subject property identify the terrain as sloping to the southwest with the depth to groundwater in the vicinity of the subject property is inferred to be approximately 10 to 20 feet below ground surface (bgs) and groundwater flow inferred to be toward the southwest.

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 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 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 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. The following was identified during the course of this assessment:

- The potential exists that asbestos-containing materials (ACMs) are present on-site. Readily visible suspect ACMs were observed in good to poor condition. A few areas of the building materials, specifically vinyl flooring and associated mastic, were noted during the assessment to be broken due to the active demolition prior to renovation activities taking place. Partner notes that, at the request of the Client, an Asbestos O&M Plan will be provided under separate cover.

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 711 Oakland Avenue in Florence, Florence 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, or HRECs in connection with the subject property; however, one BER was identified. Based on the conclusions of this assessment, Partner recommends the following:

- Partner recommends ACM sampling be completed prior to further renovation or demolition at the Subject Property. An Operations and Maintenance (O&M) Program should be implemented in order to safely manage the suspect ACMs located at the subject property.

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FIGURES

- Figure 1:** Site Location Map
Figure 2: Site Plan
Figure 3: Topographic Map

APPENDICES

- Appendix A:** Site Photographs
Appendix B: Historical/Regulatory Documentation
Appendix C: Regulatory Database Report
Appendix D: Qualifications

1.0 INTRODUCTION

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 711 Oakland Avenue in Florence, Florence 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

Soho Housing Partners, LLC (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 requested information relative to deed restrictions and environmental liens, a title search, and completion of the AAI User Questionnaire from the Report User. This information was not provided at the time of the assessment. This data gap is not expected to alter the findings of this assessment.
- Partner submitted Freedom of Information Act (FOIA) requests to City of Florence, Florence County, and South Carolina Department of Health and Environmental Control (SCDHEC) 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, 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.

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 711 Oakland Avenue in Florence, South Carolina is located northeast and northwest of the Oakland Avenue and Layton Street intersection. According to the Florence County Assessor website, the subject property is legally described as Oakland Avenue and ownership is currently vested in Housing Authority of Florence.

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 occupied by 64 Apartments for residential use. Onsite operations consist of a multi-family apartment complex. The subject property consists of 17, two-story buildings. located throughout the property. In addition to the current structures, the subject property is also improved with concrete-paved parking areas, associated landscaping, perimeter fencing along Oakland Avenue, mail box kiosks, and solid waste dumpster enclosures.

The subject property is designated for CI, commercially improved development by the City of Florence.

The subject property was not identified in the regulatory database report of Section 4.2.

2.3 Current Use of Adjoining Properties

The subject property is located within a residential area of Florence. 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 | |
|---------------------------------|------------------------------------------------------------------------------------------------------------------|
| North of eastern parcel: | Iola Jones Park (608 Maxwell Street) |
| North of western parcel: | Single-family residences (701 and 801 Oakland Avenue) |
| East: | Rose Street, beyond are single-family residences (701 Layton Street, 706 Rose Street, 700 and 702 Pawley Street) |
| South of eastern parcel: | Layton Street, beyond are undeveloped lots and single-family residences (610 and 611 Rose Street) |
| South of western parcel: | Greater Morning Star Apostolic Ministries No. 7 (609 Oakland Avenue) |
| West: | Single-family residences (702, 704, 706, and 710 Brunson Street) |

No adjoining properties were identified in the regulatory database report of Section 4.2.

2.4 Physical Setting Sources

2.4.1 Topography

The 2020 United States Geological Survey (USGS) Florence West and Florence East, South Carolina Quadrangle 7.5-minute series topographic map was reviewed for this ESA. According to the contour lines

on the topographic map, the subject property is located at approximately 144 feet above mean sea level (MSL). The contour lines in the area of the subject property indicate the area is sloping gently towards the south-southwest.

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. topographic map interpretation indicates the direction of groundwater flow in the vicinity of the subject property is inferred to be toward the southwest.

According to information obtained from regulatory database report, the depth to groundwater in the vicinity of the subject property is inferred to be approximately 10 to 20 feet bgs.

The nearest surface water in the vicinity of the subject property is (the) an unnamed tributary located approximately 0.14 mile south-southeast of the subject property. No settling ponds, lagoons, surface impoundments, wetlands or natural catch basins were observed at the subject property during this assessment.

According to available information, a public water system operated by the City of Florence serves the subject property vicinity. The sources of public water for the City of Florence are surface water from Pee Dee River .

2.4.3 Geology/Soils

The subject property is situated within the Coastal plain of the Pliocene physiographic province of the State of South Carolina. Marine sediments are widely distributed from the coast to the Fall line and preserved at the surface between the Orangeburg Scarp.

Based on information obtained from the United States Department of Agriculture (USDA) Natural Resources Conservation Service Web Soil Survey online database, the subject property is mapped as Urban land-Coxville-Norfolk association. Urban Land complex 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 construction and areas where fill has been added. Slope ranges are not determined.

2.4.4 Flood Zone Information

Partner performed a review of the Flood Insurance Rate Map, published by the Federal Emergency Management Agency. According to Community Panel Number 45041C0134E, dated December 16, 2014, the subject property appears to be located in 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:

| <i>Historical Use Information</i> | | |
|-----------------------------------|--------------------------------------------------------------------|-----------------------------------------------------------------------|
| Years | Resource | Description/Use |
| 1918-1924 | Fire Insurance Maps | Single-family residential |
| 1941-1947 | Aerial Photographs, Fire Insurance Maps, Topographic Maps | Single-family residential and a portion of a baseball field |
| 1957-1964 | Aerial Photographs, Fire Insurance Maps | Single and multi-family residential and a portion of a baseball field |
| ~1972-Present | Aerial Photographs, City Directories, Topographic Maps, Interviews | Multi-Family Residential |

Tenants on the subject property have included undeveloped areas and a single-family residence (1918); undeveloped areas and two single-family residences (1924); single-family residences and a portion of a baseball field (1941-1947); single and multi-family residential buildings and a portion of a baseball field (1957-1964), and multi-family apartment improvements (1977-Present).

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 7, 2024. The inferred uses of the subject property and adjoining properties as interpreted from the aerial photographs in Appendix B are tabulated below:

| | | | |
|--------------------------|----------------------------------------------------------------------------------|---------------|----------------|
| Date: | 1941 | Scale: | 1"=500' |
| Subject Property: | Appears to be undeveloped land and a baseball field | | |
| North: | Appears to be a single-family residence and a baseball field | | |
| East: | Appears to be undeveloped land beyond Rose Street | | |
| South: | Appears to be undeveloped land and single-family residences beyond Layton Street | | |
| West: | Appears to be single-family residences located along N Brunson Street | | |

| | | | |
|--------------------------|---------------------------------------------------------------------------------------------|---------------|----------------|
| Date: | 1949 | Scale: | 1"=500' |
| Subject Property: | No significant changes visible | | |
| North: | No significant changes visible | | |
| East: | No significant changes visible | | |
| South: | Appears to be a church, undeveloped land, and single-family residences beyond Layton Street | | |
| West: | No significant changes visible | | |

| | | | |
|--------------------------|-----------------------------------------------------------------------------------------|---------------|---------|
| Date: | 1957 | Scale: | 1"=500' |
| Subject Property: | Appears to be a mix of undeveloped land, a baseball field, and single-family residences | | |
| North: | No significant changes visible | | |
| East: | Appears to be undeveloped land and single-family residences beyond Rose Street | | |
| South: | No significant changes visible | | |
| West: | No significant changes visible | | |

| | | | |
|--------------------------|-----------------------------------------------------------------------------------------|---------------|---------|
| Date: | 1964 | Scale: | 1"=500' |
| Subject Property: | Appears to be a mix of undeveloped land, a baseball field, and single-family residences | | |
| North: | Appears to be single-family residences and a baseball field | | |
| East: | No significant changes visible | | |
| South: | No significant changes visible | | |
| West: | No significant changes visible | | |

| | | | |
|--------------------------|------------------------------------------------------------------------------|---------------|---------|
| Date: | 1977, 1983, 1994, 2005, 2006, 2009, 2011, 2013, 2015, 2017, 2019, 2021, 2023 | Scale: | 1"=500' |
| Subject Property: | Appears to be developed with the existing multi-family improvements | | |
| North: | Appears to be single-family residences, a church, and a park | | |
| East: | No significant changes visible | | |
| South: | No significant changes visible | | |
| West: | No significant changes visible | | |

Copies of reviewed 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 7, 2024. The following inferred uses of the subject property and adjoining properties interpreted from the FIMS in Appendix B are tabulated below:

| | |
|--------------------------|-----------------------------------------------------------------------------------------|
| Date: | 1918 |
| Subject Property: | Primarily undeveloped; one dwelling is depicted on the southwestern portion of the site |
| North: | Undeveloped land and dwellings |
| East: | Area not depicted on the map |
| South: | Visible portions are undeveloped land |
| West: | Dwellings along N Brunson Street |

| | |
|--------------------------|-------------------------------------------------------------------------------------------|
| Date: | 1924 |
| Subject Property: | Primarily undeveloped; two dwellings are depicted on the southwestern portion of the site |
| North: | Undeveloped land and dwellings |
| East: | Undeveloped land beyond Rose Street |
| South: | Undeveloped land, Layton Street beyond are dwellings and undeveloped lots |
| West: | Dwellings along N Brunson Street |

| | |
|--------------------------|------------------------------------------------------------|
| Date: | 1947 |
| Subject Property: | Four dwellings, a store, and a portion of a baseball field |
| North: | Undeveloped land, dwellings, and a baseball field |
| East: | Dwellings and undeveloped lots beyond Rose Street |
| South: | Undeveloped land, Layton Street beyond are dwellings |
| West: | Dwellings along N Brunson Street |

| | |
|--------------------------|----------------------------------------------------------------------------------------|
| Date: | 1952 |
| Subject Property: | Four dwellings, a store, two multi-family dwellings, and a portion of a baseball field |
| North: | No significant changes noted |
| East: | Dwellings beyond Rose Street |
| South: | Apartments, Layton street beyond are dwellings |
| West: | Dwellings along N Brunson Street |

| | |
|--------------------------|--------------------------------------------------------------------------------------------------|
| Date: | 1961 |
| Subject Property: | Four dwellings, a store, two multi-family dwellings, a duplex, and a portion of a baseball field |
| North: | No significant changes noted |
| East: | No significant changes noted |
| South: | No significant changes noted |
| West: | No significant changes noted |

Copies of reviewed FIMs are included in Appendix B of this report.

3.3 City Directories

Partner reviewed historical city directories obtained from ERIS on May 10, 2024 for past names and businesses that were listed for the subject property and adjoining properties. The findings are tabulated below:

| <i>City Directory Search for 601 Layton St (Subject Property)</i> | |
|-------------------------------------------------------------------|-------------------------------|
| Year(s) | Occupant Listed |
| 1993 | Gay Marie R 6698342 |
| 2000 | Marie Gay |
| 2003 | Marie Gay |
| 2008 | Sammie Davis, Stephanie Eaddy |
| | |

| <i>City Directory Search for 603 Layton St (Subject Property)</i> | |
|---------------------------------------------------------------------|-----------------------------------------------------|
| <i>Year(s)</i> | Occupant Listed |
| 1993 | Ashley Gertrude C R, Green James R ... 6615465 |
| 1996 | Guney Frances 6436 C012 6651902 |
| 2000 | Frances Gurley |
| 2003 | Frances Gurley |
| 2008 | Susie R Hodge, Cleveland R Anderson, Frances Gurley |
| 2016 | Laura McClary, Tammaron McClary, Syretta McClary |
| 2020 | Laura McClary |
| 2022 | Laura McClary, Tammaron McClary |
| | |
| <i>City Directory Search for 607 Layton St (Subject Property)</i> | |
| <i>Year(s)</i> | Occupant Listed |
| 1996 | Meton Monique 6436 C012 6650115 |
| 2008 | Monique Brunson |
| 2016 | Jajuan Brown |
| 2020 | Jajuan Brown |
| | |
| <i>City Directory Search for 611 Layton St (Subject Property)</i> | |
| <i>Year(s)</i> | Occupant Listed |
| 1996 | James Goldbo +6436 C012 6654083 |
| | |
| <i>City Directory Search for 613 Layton St (Subject Property)</i> | |
| <i>Year(s)</i> | Occupant Listed |
| 1993 | Gregg Lasonya R 6625350 |
| 1996 | Gregg Lasonya 6436 C012 6625350 |
| 2000 | Lasonya Gregg |
| 2003 | Lasonya Gregg |
| 2008 | Eunice Williams, Sharles C Spears |
| | |
| <i>City Directory Search for 701 Oakland Ave (Subject Property)</i> | |
| <i>Year(s)</i> | Occupant Listed |
| 1993 | Anderson Edna M B, Anderson Edna M B R |
| 1996 | Anderson Carla, Anderson Edna . |
| 2000 | Edna Anderson, Carla Anderson |
| 2003 | Edna Anderson, Carla Anderson |
| 2008 | Twana Frontis, Randa Washington |
| | |
| <i>City Directory Search for 703 Oakland Ave (Subject Property)</i> | |
| <i>Year(s)</i> | Occupant Listed |
| 1993 | Mumford Bertha, Mumford Bertha #A |

| | |
|---------------------------------------------------------------------|---------------------------------------------|
| 2008 | Yvette Mosely, Kimberlyn Pipkins |
| | |
| City Directory Search for 705 Oakland Ave (Subject Property) | |
| Year(s) | Occupant Listed |
| 1996 | Lee Dashawn |
| 2000 | Dashawn Lee |
| 2003 | Dashawn Lee |
| 2008 | Susie M Tubose |
| 2020 | Terresa Hamilton |
| | |
| City Directory Search for 707 Oakland Ave (Subject Property) | |
| Year(s) | Occupant Listed |
| 1996 | James Nerris M |
| 2000 | Valarie Cooper |
| 2003 | Valarie Cooper |
| 2008 | Detrod Robinson, Nerrissia M James |
| | |
| City Directory Search for 708 Oakland Ave (Subject Property) | |
| Year(s) | Occupant Listed |
| 1993 | Brown Sammy, Brown Sammy R 6627214 |
| 2000 | Joyce Davis, Sammy Brown |
| 2003 | Joyce Davis, Sammy Brown |
| 2008 | T Hickman |
| 2016 | Tammy Hickman |
| 2020 | James Paige, Dezaray Hickman, Glenda George |
| 2022 | James Paige, Tammy Hickman, Glenda George |
| | |
| City Directory Search for 709 Oakland Ave (Subject Property) | |
| Year(s) | Occupant Listed |
| 1996 | Davis Joyce |
| 2000 | L James |
| 2003 | L James |
| 2008 | Pamela Wright, Jeneise Wright |
| | |
| City Directory Search for 710 Oakland Ave (Subject Property) | |
| Year(s) | Occupant Listed |
| 2008 | Jennifer James |
| 2016 | Stacey Black |
| 2020 | Stacey Black |
| | |

| <i>City Directory Search for 711 Oakland Ave (Subject Property)</i> | |
|---------------------------------------------------------------------|----------------------------------------------------------------------------------|
| Year(s) | Occupant Listed |
| 1993 | Barr Esther F, Rivers Catrell R 6671833, Barr Esther F R 6627475, Rivers Catrell |
| 1996 | Hickman T, Brock Anthony, Barr Billy |
| 2000 | Billy Barr |
| 2003 | Billy Barr |
| 2008 | Johnny Ruth, Latasha Flemmings |
| | |
| <i>City Directory Search for 712 Oakland Ave (Subject Property)</i> | |
| Year(s) | Occupant Listed |
| 1996 | Addison Dorothy |
| 2008 | Gary C Floyd |
| 2016 | Billy Nelson |
| 2020 | Billy Nelson |
| | |
| <i>City Directory Search for 713 Oakland Ave (Subject Property)</i> | |
| Year(s) | Occupant Listed |
| 1993 | Brockington Uphelia, Brockington Uphelia R, Crawford Livingston |
| 1996 | Morgan S., Crawford Living A |
| 2000 | L a Crawford |
| 2003 | L a Crawford |
| 2008 | Cicaly Barr, Vanessa a Perkins, Cicely Barr |
| 2012 | Willie Hannah |
| 2016 | James Harris |
| 2020 | James Harris |
| 2022 | James Harris |
| | |
| <i>City Directory Search for 714 Oakland Ave (Subject Property)</i> | |
| Year(s) | Occupant Listed |
| 1993 | Brown Willie Mae, Ehrike William Carl ', Ehrike William Carl, Brown Willie Mae R |
| 1996 | Brown M |
| 2008 | Latoya S Coe, Willie Charles |
| | |
| <i>City Directory Search for 716 Oakland Ave (Subject Property)</i> | |
| Year(s) | Occupant Listed |
| 1996 | Oglesby Tara |
| 2000 | Kayerra Reid, Tara Oglesby |
| 2003 | Kayerra Reid, Tara Oglesby |
| | |
| | |

| <i>City Directory Search for 718 Oakland Ave (Subject Property)</i> | |
|---------------------------------------------------------------------|--------------------------------------|
| Year(s) | Occupant Listed |
| 2008 | Laura a McClary, Alfreda Pendergrass |
| | |
| <i>City Directory Search for 720 Oakland Ave (Subject Property)</i> | |
| Year(s) | Occupant Listed |
| 1996 | Paul D |
| 2000 | D Paul |
| 2003 | D Paul |
| 2008 | Sharon Z Taylor, Jeronell Williams |
| | |
| <i>City Directory Search for 722 Oakland Ave (Subject Property)</i> | |
| Year(s) | Occupant Listed |
| 1996 | George Fanika |
| 2000 | Fanika George |
| 2003 | Fanika George |
| 2008 | E Williams, Denise Fulmore |
| | |
| <i>City Directory Search for 703 Rose St (Subject Property)</i> | |
| Year(s) | Occupant Listed |
| 2008 | Diane Barr, Beebee Black |
| 2020 | Shemika Mckenzie |
| 2022 | Shemika Mckenzie |
| | |
| <i>City Directory Search for 705 Rose St (Subject Property)</i> | |
| Year(s) | Occupant Listed |
| 2008 | Gregory Hicks |
| 2016 | Judge Jones |
| 2020 | Judge Jones |
| 2022 | Judge Jones |
| | |
| <i>City Directory Search for 707 Rose St (Subject Property)</i> | |
| Year(s) | Occupant Listed |
| 2008 | Jeanette Taylor |
| | |
| <i>City Directory Search for 709 Rose St (Subject Property)</i> | |
| Year(s) | Occupant Listed |
| 1993 | Lowery Mae F B R 6655980 |
| 1996 | Parker Mary L 6 |
| 2000 | L Moses, Mary Lewis Parker |
| 2003 | L Moses, Mary Lewis Parker |

| | |
|-----------------------------------------------------------------|----------------------------------------|
| 2008 | Clarissa Williams |
| | |
| City Directory Search for 713 Rose St (Subject Property) | |
| Year(s) | Occupant Listed |
| 1993 | Brunson Catoshia R, George Arnetha 8 R |
| 1996 | Miller Francos G |
| 2000 | Arnetha George, Frances G Miller |
| 2003 | Arnetha George, Frances G Miller |
| 2008 | Maranda Miller, Rayshonna Daniels |
| 2016 | Frances Miller |
| 2020 | Frances Miller |
| 2022 | Frances Miller |
| | |
| City Directory Search for 717 Rose St (Subject Property) | |
| Year(s) | Occupant Listed |
| 1993 | Jordan Willie Lee R |
| 2008 | Dana Williamson |
| 2016 | Gloria Brown |
| 2020 | Gloria Brown |
| 2022 | Gloria Brown |
| | |
| City Directory Search for 719 Rose St (Subject Property) | |
| Year(s) | Occupant Listed |
| 1996 | Mullins M A |
| 2000 | Reginald Williams |
| 2003 | Reginald Williams |
| 2008 | T Durant, Mary a Mullins |
| | |

Based on the city directory review, no environmentally sensitive listings were identified for the subject property address(es).

| | |
|------------------------------------------------------------------------|----------------------------------|
| City Directory Search for 701 Layton St (Adjoining Property) | |
| Year(s) | Occupant Listed |
| 1993 | Hawkins E Lr 6652259 |
| 2012 | Pamela Ballard |
| | |
| City Directory Search for 706 N Brunson St (Adjoining Property) | |
| Year(s) | Occupant Listed |
| 1993 | Speights Brown, Speights Brown 0 |
| 1996 | Speights Betty |
| 2008 | Betty Speights |

| <i>City Directory Search for 710 N Brunson St (Adjoining Property)</i> | |
|------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Year(s) | Occupant Listed |
| 2016 | Francina Bostick |
| 2020 | Francina Bostick |
| 2022 | Francina Bostick |
| | |
| <i>City Directory Search for 609 Oakland Ave (Adjoining Property)</i> | |
| Year(s) | Occupant Listed |
| 2003 | House of Prayer |
| 2008 | House of Prayer |
| 2016 | House of Prayer, Greater Morningstar Apostolic |
| 2020 | Greater Morningstar Apostolic |
| 2022 | Greater Morningstar Apostolic |
| | |
| <i>City Directory Search for 610 Rose St (Adjoining Property)</i> | |
| Year(s) | Occupant Listed |
| 1993 | Brown Curtis O 6698423, Brown Cynthia ... 6698423, Brown Vannesse R 6698423 |
| 2008 | Steve Brown |
| 2012 | Steve Brown, Arista Brown, Brown Jerome, Cynthia Brown |
| 2016 | Steve Brown, Arista Brown, Jerome Brown, Cynthia Brown |
| 2020 | Arista Brown, Jerome Brown |
| 2022 | Steve Brown, Cynthia Brown |
| | |
| <i>City Directory Search for 611 Rose St (Adjoining Property)</i> | |
| Year(s) | Occupant Listed |
| 1993 | Alexander Martha Alls |
| 1996 | Alexander Martha |
| 2000 | Martha a Alexander |
| 2003 | Martha a Alexander |
| 2008 | Martha a Alexander |
| | |
| <i>City Directory Search for 706 Rose St (Adjoining Property)</i> | |
| Year(s) | Occupant Listed |
| 1993 | Mccall Georgianna O, Mccall Evette R 6671723 |
| 1996 | Mccall Georgi |
| 2000 | Georgianna Mrs Mccall |
| 2003 | Georgianna Mrs Mccall |
| 2008 | Georgianna Mccall |

Based on the city directory review, no environmentally sensitive listings were identified for the adjoining property addresses.

Copies of reviewed city directories are included in Appendix B of this report.

3.4 Historical Topographic Maps

Partner reviewed historical topographic maps obtained from ERIS on May 7, 2024. The following inferred uses of the subject property and adjoining properties interpreted from topographic maps in Appendix B and are tabulated below:

| | |
|--------------------------|------------------------------------|
| Date: | 1940, 1945, 1986, 2014, 2017, 2020 |
| Subject Property: | Shaded to depict urban development |
| North: | Shaded to depict urban development |
| East: | Shaded to depict urban development |
| South: | Shaded to depict urban development |
| West: | Shaded to depict urban development |

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 | |
|------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Name of Agency: | South Carolina Department of Health and Environmental Control |
| Point of Contact: | https://scdhec.gov/about-dhec/freedom-information-act-requests |
| Agency Address: | 2600 Bull Street, Columbia, SC 29201 |
| Agency Phone Number: | (803) 898-3301 |
| Date of Contact: | May 17, 2024 |
| Method of Communication: | Online Request Form |
| Summary of Communication: 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 | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| Name of Agency: | City of Florence Fire Department |
| Point of Contact: | Patrice Rankin |
| Agency Address: | 324 W. Evans Street, Florence, SC 29501 |
| Agency Phone Number: | (843) 665-3170 |
| Date of Contact: | May 10, 2024 |
| Method of Communication: | Online Request Form |
| Summary of Communication: As of the date of this report, Partner has not received a response from the City of Florence for inclusion in this report. | |

Building Department

| Regulatory Agency Data | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| Name of Agency: | City of Florence Building Department |
| Point of Contact: | Patrice Rankin |
| Agency Address: | 324 W. Evans Street, Florence, SC 29501 |
| Agency Phone Number: | (843) 665-3170 |
| Date of Contact: | May 10, 2024 |
| Method of Communication: | Online Request Form |
| Summary of Communication: As of the date of this report, Partner has not received a response from the City of Florence for inclusion in this report. | |

Planning Department

| Regulatory Agency Data | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| Name of Agency: | City of Florence |
| Point of Contact: | Patrice Rankin |
| Agency Address: | 324 W. Evans Street, Florence, SC 29501 |
| Agency Phone Number: | (843) 665-3170 |
| Date of Contact: | May 10, 2024 |
| Method of Communication: | Online Request Form |
| Summary of Communication: As of the date of this report, Partner has not received a response from the City of Florence for inclusion in this report. However, according to online research, the subject property is designated "CI", commercially improved for commercial development by the City of Florence. | |

Assessor's Office

| Regulatory Agency Data | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name of Agency: | Florence County Assessor's website |
| Point of Contact: | https://qpublic.schneidercorp.com/Application.aspx?App=FlorenceCountySC&PageType=Search |
| Agency Address: | 180 North Irby Street MSC-I, Florence, SC 29501 |
| Agency Phone Number: | (843) 665-3056 |
| Date of Contact: | May 7, 2024 |
| Method of Communication: | Online Research |
| Summary of Communication: According to records reviewed, the subject property is identified by Assessor Parcel Number (APN) 90100-06-012 (Parcel 1) and 90100-05-002 (Parcel 2) and are currently owned by the Housing Authority of Florence. No records regarding the tenure of ownership, square footage, or utility information for the subject property was on file with the Florence County Assessor's Office. | |

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.

| <i>Database Report Data</i> | | | | |
|-------------------------------------------------------------|-----------------------------------|-----------------------------|---------------------------------|--------------------------------------------------|
| <i>Database</i> | AMSD Radius (mile) | Listings Identified | | |
| | | Subject Property | Adjoining Properties | Surrounding Area Sites of Concern |
| <i>Federal NPL</i> | 1.00 | N | N | N |
| <i>Delisted NPL Site</i> | 0.50 | N | N | N |
| <i>Federal SEMS Site</i> | 0.50 | N | N | N |
| <i>Federal SEMS-ARCHIVE</i> | 0.50 | N | N | N |
| <i>Federal RCRA CORRACTS Facility</i> | 1.00 | N | N | N |
| <i>Federal RCRA TSDF Facility</i> | 0.50 | N | N | N |
| <i>Federal RCRA Generators Site (LQG, SQG, VSQG, CESQG)</i> | Subject and Adjoining | N | N | N |
| <i>Federal IC/EC Registries</i> | Subject Property | N | N | N |
| <i>Federal ERNS Site</i> | Subject Property | N | N | N |
| <i>State/Tribal Equivalent NPL</i> | 1.00 | N | N | N |
| <i>State/Tribal Equivalent CERCLIS</i> | 1.00 | N | N | N |
| <i>State/Tribal Landfill/Solid Waste Disposal Site</i> | 0.50 | N | N | N |
| <i>State/Tribal Leaking Storage Tank Site (LUST/LPST)</i> | 0.50 | N | N | N |
| <i>State/Tribal Registered Storage Tank Sites (UST/AST)</i> | Subject and Adjoining | N | N | N |
| <i>State/Tribal IC/EC Registries</i> | Subject and Adjoining | N | N | N |
| <i>State/Tribal Voluntary Cleanup Sites (VCP)</i> | 0.50 | N | N | N |
| <i>State/Tribal Spills</i> | 0.25 | N | N | N |
| <i>Federal Brownfield Sites</i> | 0.50 | N | N | N |
| <i>State Brownfield Sites</i> | 0.50 | N | N | N |

4.2.2 Subject Property Listings

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

4.2.3 Adjoining Property Listings

The adjoining properties are not identified in the regulatory database report.

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

4.2.4 Surrounding Area Listings of Concern to Subject Property

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 Soho Housing Partners, LLC (User of this report).

| User Responsibilities | | |
|-----------------------------------------------------|-------------------------|-----------------------------|
| Item | Provided By User | Not Provided By User |
| AAI User Questionnaire | | X |
| Title Records, Environmental Liens, and AULs | | X |
| Specialized Knowledge | | X |
| Actual Knowledge | | X |
| Valuation Reduction for Environmental Issues | | X |
| Identification of Key Site Manager | | X |
| Reason for Performing Phase 1 ESA | X | |
| Prior Environmental Reports | | X |

5.1 Interviews

5.1.1 Interview with Owner

The owner of the subject property identified as Housing Authority of Florence 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.

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 overcast. 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:

| <i>Site Assessment Data</i> | |
|--------------------------------------|-------------|
| <i>Site Assessment Performed By:</i> | Emily Long |
| <i>Site Assessment Conducted On:</i> | May 6, 2024 |

The table below provides the subject property personnel interviewed during the field reconnaissance:

| <i>Site Visit Personnel for the Subject Property</i> | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------------------|------------------------------|
| <i>Name</i> | <i>Title/Role</i> | <i>Contact Number</i> | <i>Site Walk* Yes/No</i> |
| <i>Iris Brown</i> | Site Manager | (843) 669-4163 ext. 3003 | Yes |
| * 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 generated at the subject property is disposed of in commercial dumpsters located throughout the subject property. An independent solid waste disposal contractor, City of Florence, removes solid waste from the subject property. Solid waste generated at the subject property includes household-type trash. No evidence of illegal dumping of solid waste was observed during the Partner site reconnaissance.

6.1.2 Sewage Discharge and Disposal

Sanitary discharges on the subject property are directed into the municipal sanitary sewer system. The City of Florence services the subject property vicinity. 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 subject property primarily by sheet flow action across the paved and grassy surfaces towards stormwater drains and swales located throughout the subject property and in the public right of way. On-site stormwater drains discharge to municipal owned and maintained storm sewer system. No drywells were identified on the subject property.

6.1.4 Source of Heating and Cooling

Heating and cooling systems as well as domestic hot water equipment are fueled by electricity provided by Duke Energy. The mechanical system is comprised of split system with a central unit and interior air handler and exterior condenser located at the side or rear of each building. Hot water is provided by individual electric water heaters.

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 generated at the subject property is disposed by means of the sanitary sewer system. 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 evidence of the use of reportable quantities of hazardous substances was observed on the subject property.

Small quantities of general maintenance supplies were found to be properly labeled and stored at the time of the assessment with no signs of leaks, stains, or spills. The storage and use of maintenance supplies does not appear to pose a significant threat to the environmental integrity of the subject property at this time.

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)

Older transformers and other electrical equipment could contain PCBs at a level that subjects them to regulation by the U.S. EPA. PCBs in electrical equipment are controlled by United States Environmental Protection Agency regulations 40 CFR, Part 761. Under the regulations, there are three categories into which electrical equipment can be classified: 1) Less than 50 parts per million (ppm) of PCBs – “Non-PCB;” 2) 50 ppm-500 ppm – “PCB-Contaminated;” and, 3) Greater than 500 ppm – “PCB-Containing.” The manufacture, process, or distribution in commerce or use of any PCB in any manner other than in a totally enclosed manner was prohibited after July 2, 1979.

| <i>Transformers and Hydraulic Equipment</i> | | | | |
|---------------------------------------------|------------------------------------|---------------|-----------------------|----------------|
| <i>Type of Equipment</i> | Location | Number | PCB Containing | Concern |
| <i>Pole-Mounted Transformers</i> | Centrally and along Oakland Avenue | 3 | N | No |

The on-site reconnaissance addressed indoor and outdoor transformers that may contain PCBs. Three pole-mounted transformers were observed on the subject property. The transformers are not labeled indicating PCB content. No staining or leakage was observed in the vicinity of the transformers. Partner contacted a customer service representative of Duke Energy, who confirmed that they maintain ownership and operational responsibility for the transformers and that the units do not contain PCBs. Based on the good condition of the equipment, the transformers are not considered an environmental concern.

No other potential PCB-containing equipment (interior transformers, oil-filled switches, hoists, lifts, dock levelers, hydraulic elevators, balers, 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

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).

The subject property buildings were constructed in ~1972. Partner has conducted a limited, visual evaluation of accessible areas for the presence of suspect ACM at the subject property. The objective of this visual survey was to note the presence and condition of suspect ACM observed. Please refer to the table below for identified suspect ACM:

| Suspect ACMs | | | |
|--------------------------|------------------------------|-----------------------|---------------------------|
| Suspect ACM | Location | Friable Yes/No | Physical Condition |
| Drywall Systems | Throughout Building Interior | Yes | Good |
| Floor Tiles | Throughout Building Interior | No | Good to poor |
| Floor Tile Mastic | Throughout Building Interior | No | Good to poor |

Removal of the vinyl flooring and associated mastic materials was being performed during the site reconnaissance. The site representative was not aware of sampling or testing conducted prior to the removal of vinyl floor tile and associated mastic. Based on the age of the buildings, ACM is considered

likely to be present. The removal of the vinyl floor tile and associated mastic prior to sampling and a determination if ACM is present in site materials is considered a BER.

Prior to any additional disturbance, Partner recommends a comprehensive asbestos survey of the property be completed to determine the presence, condition, friability and likely future condition of suspect or confirmed ACM. All suspect materials must be handled as ACM according to local, state and federal regulations until the results of sampling and analysis indicate the material is a non-ACM. According to the US EPA, ACM that is intact and in good condition can, in general, be managed safely in-place under an Operations and Maintenance (O&M) Program until removal is dictated by renovation, demolition, or deteriorating material condition.

Partner was not provided building plans or specifications for review, which may have been useful in determining areas likely to have used ACM.

Partner notes that, at the request of the Client, an Asbestos O&M Plan will be provided under separate cover.

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/cm² (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.

Partner reviewed a certification from Bio-Tech Research Laboratories, Inc., dated April 6, 1992. This certification stated that the buildings do not contain lead-based paint hazards. Interior and exterior painted surfaces were observed in good condition and therefore not expected to represent a "hazard," although the condition of the paint should be monitored and maintained to ensure it does not become deteriorated.

Partner notes that, at the request of the Client, a Lead-Based Paint O&M Plan will be provided under separate cover.

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

According to available information, a public water system operated by the City of Florence serves the subject property vicinity. The sources of public water for the City of Florence are surface water from Pee Dee River. According to the 2022 Annual Water Quality Report, water supplied to the subject property is in compliance with all State and Federal regulations pertaining to drinking water standards, including lead and copper. Water sampling was not conducted to verify water quality.

6.3.5 Mold

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).

Partner observed accessible, interior areas for the subject property buildings for significant evidence of mold growth with the exceptions detailed in Section 1.5 of this report; however, this assessment should not be used as a mold survey or inspection. Additionally, this limited assessment was not designed to assess all areas of potential mold growth that may be affected by mold growth on the subject property. Rather, it is intended to give the client an indication as to whether or not conspicuous (based on observed areas) mold growth is present at the subject property. This evaluation did not include a review of pipe chases, mechanical systems, or areas behind enclosed walls and ceilings.

No obvious indications of water damage or mold growth were observed during Partner's visual assessment.

6.3.6 Wetlands

Based on information obtained from the United States Fish and Wildlife Service; the subject property does not appear to be a designated wetland area. However, a comprehensive wetlands survey would be required in order to formally determine actual wetlands on the subject property. No settling ponds, lagoons, surface impoundments, wetlands or natural catch basins were observed at the subject property during this assessment.

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*

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:

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

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 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 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 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. The following was identified during the course of this assessment:

- The potential exists that asbestos-containing materials (ACMs) are present on-site. Readily visible suspect ACMs were observed in good to poor condition. A few areas of the building materials, specifically vinyl flooring and associated mastic, were noted during the assessment to be broken due to the active demolition prior to renovation activities taking place. Partner notes that, at the request of the Client, an Asbestos O&M Plan will be provided under separate cover.

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 711 Oakland Avenue in Florence, Florence 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, or HRECs in connection with the subject property; however, one BER was identified. Based on the conclusions of this assessment, Partner recommends the following:

- Partner recommends ACM sampling be completed prior to further renovation or demolition at the Subject Property. An Operations and Maintenance (O&M) Program should be implemented in order to safely manage the suspect ACMs located at the subject property.

9.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

Partner has performed a Phase I Environmental Site Assessment of the property located at 711 Oakland Avenue in Florence, Florence 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.

Prepared By:

DRAFT

Emily Long
Project Assessor

Reviewed By:

DRAFT

Caroline A. Ziegler
Senior Project Manager

10.0 REFERENCES

Reference Documents

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), Database Report, May 2024

Federal Emergency Management Agency, Federal Insurance Administration, National Flood Insurance Program, Flood Insurance Map, accessed via the internet, May 2024

United States Department of Agriculture, Natural Resources Conservation Service, Web Soil Survey, accessed via the internet, May 2024

United States Environmental Protection Agency, EPA Map of Radon Zones (Document EPA-402-R-93-071), accessed via the internet, May 2024

United States Fish and Wildlife Service, National Wetlands Inventory, accessed via the internet, May 2024

United States Geological Survey Topographic Map Florence East and Florence West, 7.5-minute series, accessed via the internet, May 2024

FIGURES

1: Site Location Map

2: Site Plan

3: Topographic Map

APPENDIX A: SITE PHOTOGRAPHS

APPENDIX B: HISTORICAL/REGULATORY DOCUMENTATION

APPENDIX C: REGULATORY DATABASE REPORT

APPENDIX D: QUALIFICATIONS

The City of Florence Has Never Violated Drinking Water Standards for Lead.

Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. A high level of lead in drinking water can cause health problems, particularly in children. SCDHEC works to ensure that public water systems adhere to drinking water quality standards and regulations. Lead is rarely in drinking water when it leaves a treatment plant; however, it can seep into the water from old plumbing.



Where Your Water Comes From

The City of Florence relies on groundwater from the Crouch Branch Aquifer as its primary supply source. The City provides drinking water for approximately 79,220 people, including 30,469 residences and 3,673 businesses. The groundwater well system supplies about 60% of Florence's drinking water. The City of Florence also operates the Frank E. Willis Pee Dee River Regional Surface Water Plant, which utilizes the Pee Dee River and provides approximately 40% of Florence's water supply.

Florence City Council

Florence City Council governs and sets policies to manage and fund public utilities. City staff follows the necessary protocol to comply with all federal and state regulatory requirements. City Council meets the second Monday each month in Council Chambers at the City Center, 324 West Evans St. Customers and the public are encouraged to attend these meetings.

If You Have Special Health Concerns

Some people may be more vulnerable to substances in drinking water than the general population. Immuno-compromised persons (such as persons undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly individuals, and infants) can be particularly at risk due to infections. These people should seek advice about drinking water from their healthcare providers. The Environmental Protection Agency (EPA) and the Centers for Disease Control (CDC) provide guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological substances. Further information is available from the Safe Drinking Water Hotline at 1-800-426-4791.

About This Report

The report informs customers about water quality and increases customer understanding of drinking water and treatment. Federal authorities and laws prescribed the technical language, terms, descriptions, definitions, precautionary statements, and scientific data in this report. The South Carolina Department of Health and Environmental Control (SCDHEC) validated the sampling results listed.

You may call the EPA's Safe Drinking Water Hotline for more information about contaminants and potential health effects at 1-800-426-4791. For more information about this report, don't hesitate to contact Josh Whittington at (843) 665-3236.

What's In Your Drinking Water

All drinking water sources are subject to potential contamination by naturally occurring or artificial substances. These substances can be microbes, inorganic or organic chemicals, and radioactive substances. All drinking water, including bottled water, may contain at least minor traces of some contaminants. Contaminants do not necessarily indicate that the water poses a health risk.

The City of Florence water system has prepared a source water assessment report. The information may be reviewed by contacting Malcolm Cook at (843) 665-3236.



2023 Water Quality Report

Scotty Davis, Florence's City Manager, proudly announced the release of the 2023 Annual Water Quality Report, emphasizing the absence of any violations of the state and federal drinking water quality standards. Davis underscored the city's commitment to providing safe drinking water, labeling it as a fundamental service and a key priority for Florence.

The sampling data collected by the City of Florence is scientifically analyzed and confirmed by SCDHEC.

The 2023 annual report provides results of the challenging testing completed from January 1, 2023, through December 31, 2023. The city is committed to producing the highest quality of water and promoting quality of life for everyone. The sampling data is presented in a table included in this report.



FULL LIFE. FULL FORWARD.
FLORENCE
SOUTH CAROLINA

2023

City of Florence

Water Quality Report



Fundamentally Committed to Water Quality



www.cityofflorence.com

Fluoride

Fluoride is a naturally occurring element that helps prevent tooth decay. To maintain an acceptable level of fluoride a small amount of fluoride is added during the water treatment process, as recommended by the American Medical Association (AMA) and the American Dental Association (ADA).

Table Definitions

| | |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 90 th Percentile | Of all samples analyzed, 90 percent were at or below the detection level. |
| AL | Action Level. The concentration of contaminant that, if exceeded, triggers treatment or other requirements, which a water system must follow. |
| ALG | Action Level Goal. The level of contaminant in drinking water below which there is no known or expected health risk. |
| DBPR | Disinfectant By product Rule. |
| HAA5 | Halo Acetic Acids. |
| LRAA | Locational Running Annual Average. |
| MCL | Maximum Contaminant Level. The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology. |
| MCLG | Maximum Contaminant Level Goal. The level of contaminant in drinking water below which there is no known or expected health risk. MCLGs provide a margin of safety. |
| MRDL | Maximum Residual Disinfectant Level. Highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of disinfectant is necessary for control of microbial contaminants. |
| MRDLG | Maximum Residual Disinfectant Level Goal. Level of drinking water disinfectant below which there is no known risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants. |
| ND | Non-Detected. No measurable level of substance or contaminant detected. |
| NTU | Nephelometric Turbidity Unit. Units of measure to indicate water clarity. |
| PPB | Parts Per Billion. The equivalent of one penny in \$10,000,000 or 1 minute in 2,000 years. |
| PPM | Parts Per Million. The equivalent of 1 penny in \$10,000 or 1 minute in 2 years. |
| TT | Treatment Technique. Required process intended to reduce the level of a contaminant in drinking water. |
| TTHM | Total Trihalomethanes. |

2023 Water Quality Sampling Results

The following table shows actual sampling results for substances detected in the Florence water systems for the period Jan. 1 to Dec. 31, 2023, compared with state and federal health and safety standards for those substances.

WATER QUALITY DATA TABLE

| Lead and Copper—Inorganic Contaminants | | | | | | | |
|--------------------------------------------|-----|-----|-----------------------------|------------------------|---------------------|-------------|---------------------------------------------------------------------------------------------------------|
| Contaminants (unit of measure) | ALG | AL | 90 th percentile | # Samples Exceeding AL | Exceeds AL (Yes/No) | Sample Date | Typical Source |
| Copper-action level at consumer taps (ppm) | 1.3 | 1.3 | 0.19 | 0 | No | 2021 | Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing systems. |
| Lead-action level at consumer taps (ppb) | 0 | 15 | 1.5 | 0 | No | 2021 | Corrosion of household plumbing systems. Erosion of natural deposits. |

| Chemical and Radionuclide Constituents | | | | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------|----------------------|-------------|-----------------------|-------------|----------------------------------------------------------|
| Contaminants (unit of measure) | MCLG or MRDLG | MCL, TT, or MRDL | Detect in Your Water | Range | Violation (Yes or No) | Sample Date | Typical Source |
| Nitrate (ppm) | 10 | 10 | 0.96 | 0 – 0.96 | No | 2023 | Runoff from fertilizer use. Erosion of natural deposits. |
| Sodium (ppm) [unregulated] | NA | NA | 23.0 | N/A | No | 2023 | Naturally occurring. |
| Combined Radium 226/228 (pCi/L) | 0 | 5 | 0.372 | 0.0 – 0.372 | No | 2023 | Erosion of natural deposits. |
| Dicamba (ppb) | N/A | N/A | 0.09 | N/A | No | 2023 | Runoff from herbicide used on row crops. |
| *The MCL for beta particles is 4 mrem/year. EPA considers 50 pCi/L to be the level of concern for beta particles. Because the beta particle results were below 50 pCi/L, no testing for individual beta particle constituents was required. | | | | | | | |

| Disinfectant and Disinfection By-Products | | | | | | | | |
|-------------------------------------------|-----------------------|------------------|----------------------|------------|-----------------------|-------------|--------------------------------------------|--|
| Contaminants (unit of measure) | MCLG or MRDLG | MCL, TT, or MRDL | Detect in Your Water | Range | Violation (Yes or No) | Sample Date | Typical Source | |
| Chlorine (ppm) | 4 | 4 | 0.83 RAA | 0.73– 0.95 | No | 2023 | Water additive used to control microbes. | |
| HAAs [Haloacetic Acids] (HAA5)(ppb) | No goal for the total | 60 | 16 LRAA | 0 – 34.8 | No | 2023 | By-product of drinking water chlorination. | |
| TTHMs [Total Trihalomethanes] (ppb) | No goal for the total | 80 | 76 LRAA | 0 – 95.9 | No | 2023 | By-product of drinking water disinfection. | |

Pee Dee River Surface Water Plant Data

| Turbidity | Limit (Treatment Technique) | Level Detected | Violation | Likely Source of Contamination |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|----------------|-----------|--------------------------------|
| Highest single measurement | 1 NTU | 0.17 NTU | No | Soil runoff |
| Lowest monthly % meeting limit | 0.3 NTU | 100.000% | No | Soil runoff |
| Turbidity is a measurement of the cloudiness of the water caused by suspended particles. We monitor it because it is a good indicator of water quality and the effectiveness of our filtration. | | | | |

Total Organic Carbon
Information for the percentage of Total Organic Carbon (TOC) removal was measured each month and the system met all TOC removal requirements set, unless a TOC violation is noted in the violations section.

Contact Information

First Name

Alyssa

MI

Last Name

Stone

Address Line 1

1515 Mockingbird Lane Suite 840

Address Line 2

1515 Mockingbird Lane Suite 840

City

Charlotte

State

North Carolina



Zip

28209

Email

astone@partneresi.com

Work Phone

8038768143

Freedom of Information Request Form

Customer Service: (803) 898-3882

Date

4/28/2025

Requested Information

File Review



What is the period of time for the records/file review requested?

Great than 24 Months



Facility or project name:

Environmental Phase 1 Assessment

Facility address:

711 Oakland Ave, Florence, SC 29506 - Oakland Place Apartments

County

Florence



DES file custodian/staff contact if known:

Description of document or files requested:

I am performing a Phase I ESA on the property located at 711 Oakland Ave, Florence, SC 29506 - Oakland Place Apartments.

I am looking for any information regarding emergency responses for hazardous or petroleum materials, underground or aboveground storage tanks, spills, dumpings, permits, release or violations for the property listed above. I am also looking for any code violations and the most recent fire inspection report. Any information you can provide would be much appreciated. Also, could you please provide me with any information regarding this property as it pertains to zoning or planning records?

I am also looking for any permits related to underground storage or aboveground storage tank on the neighboring properties or if anything of a hazardous nature has occurred on the adjacent properties that may have impacted the identified property. Thanks!

Please upload any relevant attachments that can assist with your FOI Request.

Upload File

No file chosen

Upload File

No file chosen

Upload File

No file chosen

Family Privacy Protection Act Statement

* The Family Privacy Protection Act, SC Code Section 30-2-50, prohibits any person or private entity from knowingly obtaining or using any personal information obtained from our agency for commercial solicitation directed to any person in the State. Violation of this law is a crime.

I have read and understand this statement. I am not requesting this information for the purposes of commercial solicitation in violation of the law.

☐ I Agree.

Personal information provided in this document is subject to public scrutiny or release.

Sign using your mouse or finger...

Hyun Se

Clear

Submit

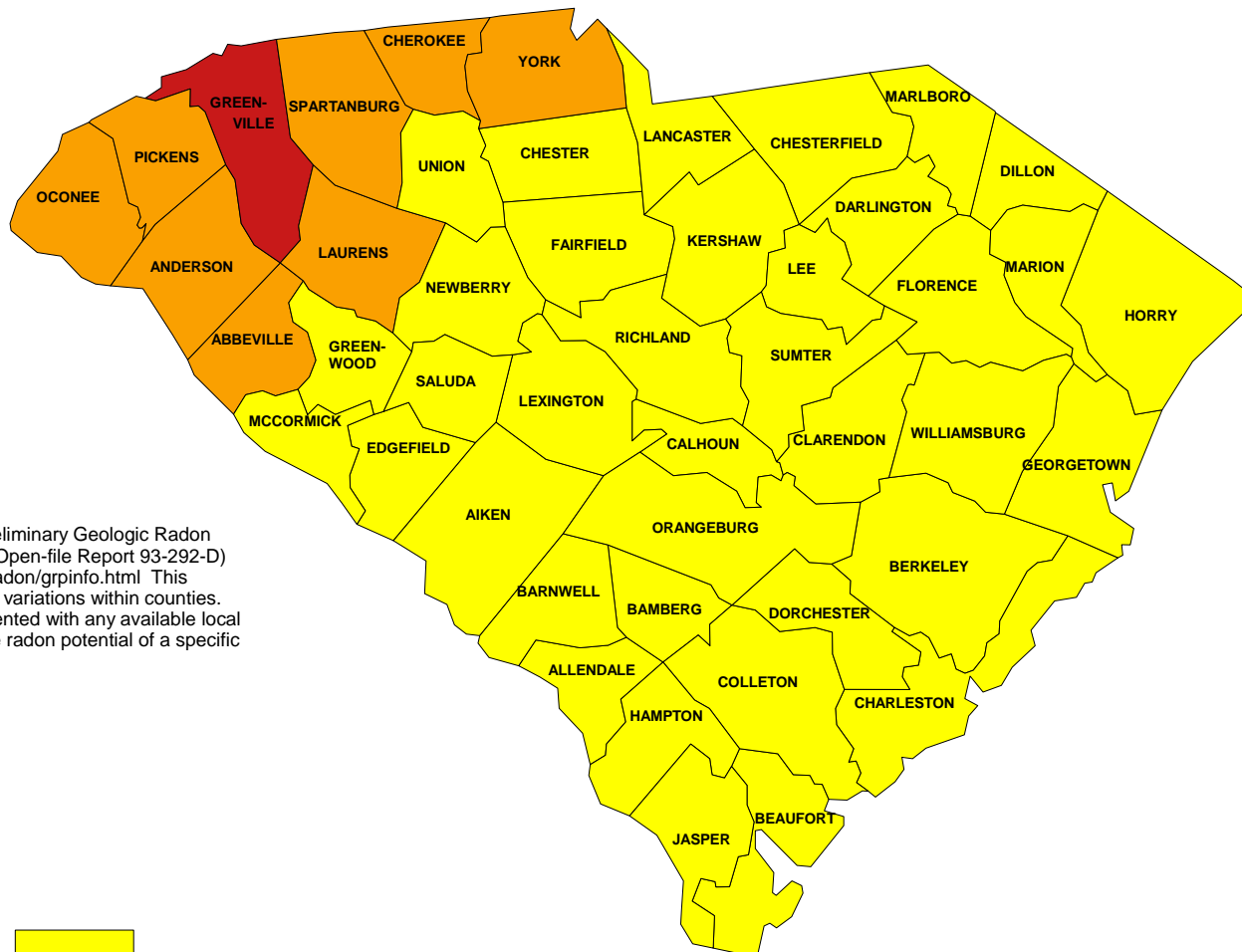
SOUTH CAROLINA - EPA Map of Radon Zones

<http://www.epa.gov/radon/zonemap.html>

The purpose of this map is to assist National, State and local organizations to target their resources and to implement radon-resistant building codes.

This map is not intended to determine if a home in a given zone should be tested for radon. Homes with elevated levels of radon have been found in all three zones.

All homes should be tested, regardless of zone designation.



IMPORTANT: Consult the publication entitled "Preliminary Geologic Radon Potential Assessment of South Carolina" (USGS Open-file Report 93-292-D) before using this map. <http://energy.cr.usgs.gov/radon/grpinfo.html> This document contains information on radon potential variations within counties. EPA also recommends that this map be supplemented with any available local data in order to further understand and predict the radon potential of a specific area.



Zone 1



Zone 2



Zone 3

The City of Florence Has Never Violated Drinking Water Standards for Lead.

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You may call the EPA's Safe Drinking Water Hotline for more information about contaminants and potential health effects at 1-800-426-4791. For more information about this report, don't hesitate to contact Jerry Dudley at (843) 665-3236.

What's In Your Drinking Water

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The City of Florence water system has prepared a source water assessment report. The information may be reviewed by contacting Malcolm Cook at (843) 665-3236.



2022 Water Quality Report

The City of Florence is ecstatic to report that the drinking water supplied to our citizens and customers throughout the 2022 calendar year was of the highest quality and exceeded all state and health safety standards.

The City of Florence is pleased to present the 2022 Annual Water Quality Report. City staff works diligently to provide exceptional water service that meets customer expectations and fulfills all state and federal regulatory compliance. "The importance of fresh, clean, and safe drinking water can't be overemphasized," said City Manager Randy Osterman. "We are pleased our monitoring results confirm our continuing effort to provide reliable service to our customers."

The sampling data collected by the City of Florence is scientifically analyzed and confirmed by SCDHEC.

The 2022 annual report provides results of the challenging testing completed from January 1, 2022, through December 31, 2022. The city is committed to producing the highest quality of water and promoting quality of life for everyone. The sampling data is presented in a table included in this report.



2022

City of Florence Water Quality Report



Steadfast On Water Quality Excellence



www.cityofflorence.com

Fluoride

Fluoride is a naturally occurring element that helps prevent tooth decay. To maintain an acceptable level of fluoride a small amount of fluoride is added during the water treatment process, as recommended by the American Medical Association (AMA) and the American Dental Association (ADA).

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| ND | Non-Detected. No measurable level of substance or contaminant detected. |
| NTU | Nephelometric Turbidity Unit. Units of measure to indicate water clarity. |
| PPB | Parts Per Billion. The equivalent of one penny in \$10,000,000 or 1 minute in 2,000 years. |
| PPM | Parts Per Million. The equivalent of 1 penny in \$10,000 or 1 minute in 2 years. |
| TT | Treatment Technique. Required process intended to reduce the level of a contaminant in drinking water. |
| TTHM | Total Trihalomethanes. |

2022 Water Quality Sampling Results

The following table shows actual sampling results for substances detected in the Florence water systems for the period Jan. 1 to Dec. 31, 2022, compared with state and federal health and safety standards for those substances.

WATER QUALITY DATA TABLE

Lead and Copper—Inorganic Contaminants

| Contaminants (unit of measure) | ALG | AL | 90 th percentile | # Samples Exceeding AL | Exceeds AL (Yes/No) | Sample Date | Typical Source |
|--------------------------------------------|-----|-----|--------------------------------|------------------------------|---------------------------|----------------|---------------------------------------------------------------------------------------------------------|
| Copper-action level at consumer taps (ppm) | 1.3 | 1.3 | 0.19 | 0 | No | 2021 | Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing systems. |
| Lead-action level at consumer taps (ppb) | 0 | 15 | 1.5 | 0 | No | 2021 | Corrosion of household plumbing systems. Erosion of natural deposits. |

Chemical and Radionuclide Constituents

| Contaminants (unit of measure) | MCLG or MRDLG | MCL, TT, or MRDL | Detect in Your Water | Range | Violation (Yes or No) | Sample Date | Typical Source |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|---------------------|----------------------------|-------------------|--------------------------|----------------|----------------------------------------------------------|
| Nitrate (ppm) | 10 | 10 | 1 | 0 – 0.69 | No | 2022 | Runoff from fertilizer use. Erosion of natural deposits. |
| Sodium (ppm) [unregulated] | NA | NA | 41.0 (average) | N/A | No | 2022 | Naturally occurring. |
| Combined Radium 226/228 (pCi/L) | 0 | 5 | 0.263 | 0.0887 – 0.263 | No | 2020 | Erosion of natural deposits. |
| Beta/photon emit- ters (pCi/L) | 0 | 50* | 7.58 | 3.82 – 7.58 | No | 2020 | Decay of natural and man-made deposits. |
| *The MCL for beta particles is 4 mrem/year. EPA considers 50 pCi/L to be the level of concern for beta particles. Because the beta particle results were below 50 pCi/L, no testing for individual beta particle constituents was required. | | | | | | | |

Disinfectant and Disinfection By-Products

| Contaminants (unit of measure) | MCLG or MRDLG | MCL, TT, or MRDL | Detect in Your Water | Range | Violation (Yes or No) | Sample Date | Typical Source |
|----------------------------------------|-----------------------------|------------------------|-------------------------|----------------|--------------------------|----------------|--------------------------------------------|
| Chlorine (ppm) | 4 | 4 | 1.00 RAA | 1.00 – 1.00 | No | 2022 | Water additive used to control microbes. |
| HAAs [Haloacetic Acids] (HAA5)(ppb) | No goal for the total | 60 | 20 LRAA | 0 – 25.20 | No | 2022 | By-product of drinking water chlorination. |
| TTHMs [Total Trihalomethanes] (ppb) | No goal for the total | 80 | 57 LRAA | 0 – 82.46 | No | 2022 | By-product of drinking water disinfection. |

Pee Dee River Surface Water Plant Data

| Turbidity | Limit (Treatment Technique) | Level Detected | Violation | Likely Source of Contamination |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|----------------|-----------|--------------------------------|
| Highest single measurement | 1 NTU | 0.17 NTU | No | Soil runoff |
| Lowest monthly % meeting limit | 0.3 NTU | 100.000% | No | Soil runoff |
| Turbidity is a measurement of the cloudiness of the water caused by suspended particles. We monitor it because it is a good indicator of water quality and the effectiveness of our filtration. | | | | |

Total Organic Carbon

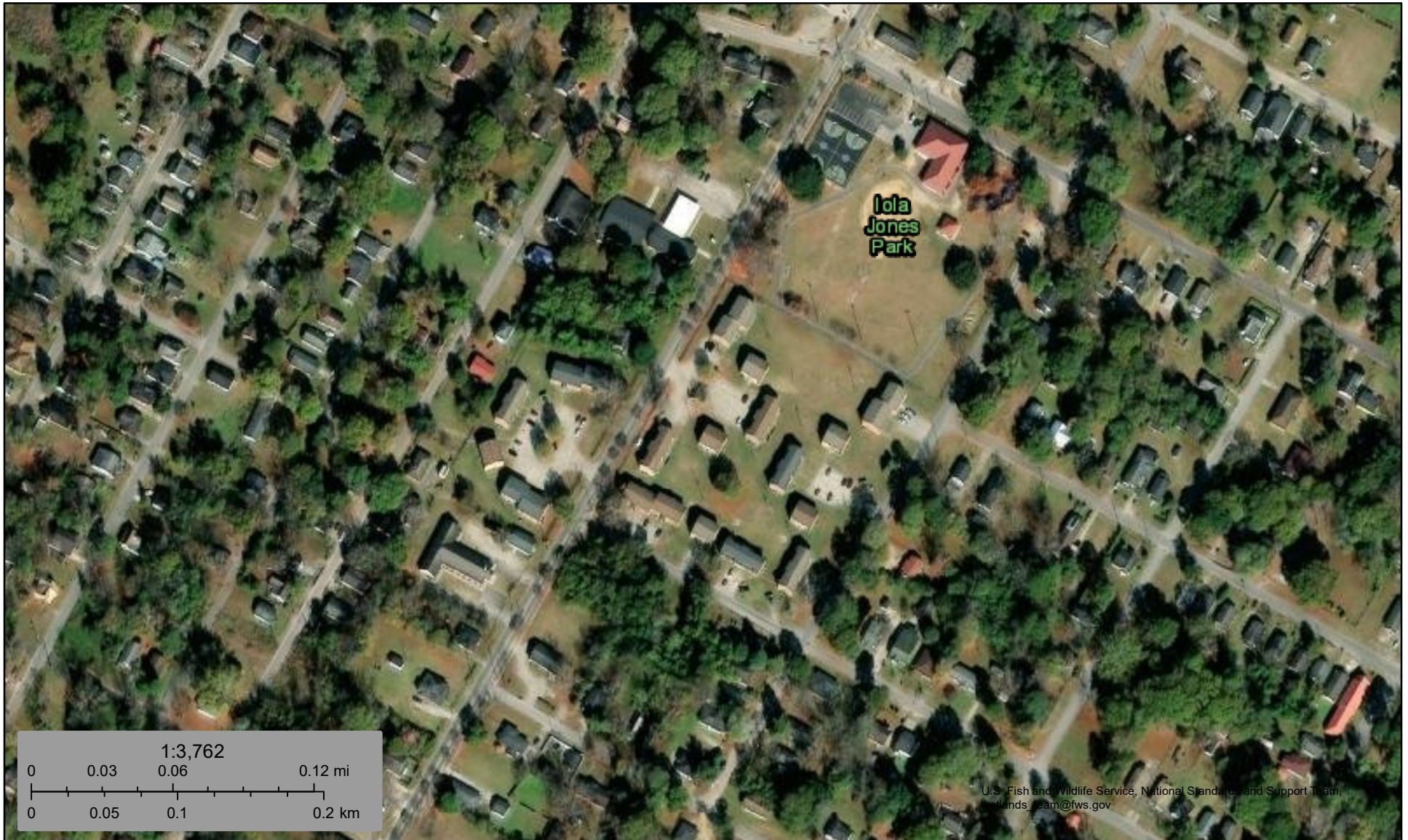
Information for the percentage of Total Organic Carbon (TOC) removal was measured each month and the system met all TOC removal requirements set, unless a TOC violation is noted in the violations section.



U.S. Fish and Wildlife Service

National Wetlands Inventory

Wetlands



May 17, 2024

Wetlands

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

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



RESEARCH LABORATORIES, INC.

1019 OLD MONROVIA ROAD
HUNTSVILLE, ALABAMA 35806
(205) 895-0814

CERTIFICATION OF LEAD-BASED PAINT TESTING RESULTS

THE BIOTECH RESEARCH LABORATORIES, INC. CERTIFIES THAT IT HAS CONDUCTED TESTING IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REQUIREMENTS OF THE UNITS COMMONS AREAS, AND EXTERIORS IN AND ON FLORENCE HOUSING AUTHORITY SC-027 -02-03 (OAKLAND PLANTATION) . WHICH IS TO BE MODERNIZED.

TESTING HAS DETERMINED THAT THIS PROJECT:

CHECK ONE:

☐ CONTAINS LEAD-BASED PAINT HAZARDS LISTED BELOW

☒ DOES NOT CONTAIN LEAD-BASED PAINT HAZARDS

THE BIOTECH RESEARCH LABORATORIES, INC. ALSO CERTIFIES THAT LEAD-BASED PAINT HAZARDS WERE FOUND, THE HAZARDS SURFACES WILL BE RECOMMENDED FOR ABATEMENT.

4-6-92
DATE


JACOBSAVAGE, PH.D

Florence County, SC

Parcel Information

| | |
|-------------------|-------------------------------------------|
| Parcel Number | 90100-06-012 |
| Location Address | |
| Legal Description | OAKLAND AVE |
| | (Note: Not to be used on legal documents) |
| Deeded Acres | 0.00 |
| Property Use | CI COMMERCIAL IMPROVED |
| Tax District | 110 CITY OF FLORENCE |
| Homestead | N |

[View Map](#)

Owner

[HOUSING AUTHORITY OF FLORENCE](#)
PO DRAWER 969
FLORENCE SC 29503

Certified 2023 Tax Year Value Information

| | | |
|---|-----------------------|----------|
| + | Land Value | \$56,595 |
| + | Improvement Value | \$0 |
| + | Miscellaneous Value | \$0 |
| = | Total Appraised Value | \$56,595 |

Tax Collector

Tax Collector

No data available for the following modules: Residential Buildings, Miscellaneous Improvements, Sales.

Florence County makes every effort to produce the most accurate information possible. No warranties, expressed or implied, are provided for the data herein, its use or interpretation. The assessment information is from the last certified taxroll. All data is subject to change before the next certified taxroll.
| [User Privacy Policy](#) | [GDPR Privacy Notice](#)
[Last Data Upload: 5/6/2024, 10:45:43 AM](#)

[Contact Us](#)

Developed by
 Schneider
GEOSPATIAL

Florence County, SC

Parcel Information

| | |
|-------------------|-----------------------------------------------------------------|
| Parcel Number | 90100-05-002 |
| Location Address | 40000 |
| Legal Description | OAKLAND PLANTATION (Note: Not to be used on legal documents) |
| Deeded Acres | 0.00 |
| Property Use | CI COMMERCIAL IMPROVED |
| Tax District | 110 CITY OF FLORENCE |
| Homestead | N |

[View Map](#)

Owner

[HOUSING AUTHORITY OF FLORENCE](#)
PO DRAWER 969
FLORENCE SC 29503

Certified 2023 Tax Year Value Information

| | | |
|---|-----------------------|----------|
| + | Land Value | \$14,880 |
| + | Improvement Value | \$0 |
| + | Miscellaneous Value | \$0 |
| = | Total Appraised Value | \$14,880 |

Tax Collector

Tax Collector

No data available for the following modules: Residential Buildings, Miscellaneous Improvements, Sales.

Florence County makes every effort to produce the most accurate information possible. No warranties, expressed or implied, are provided for the data herein, its use or interpretation. The assessment information is from the last certified taxroll. All data is subject to change before the next certified taxroll.
| [User Privacy Policy](#) | [GDPR Privacy Notice](#)
[Last Data Upload: 5/6/2024, 10:45:43 AM](#)

[Contact Us](#)

Developed by
 Schneider
GEOSPATIAL

Map/Block/Parcel 90100 06 012

Property Card File

Year 2017 File

Close This Window

FLORENCE COUNTY TAX ASSESSOR

Property Card Record for MBP: 90100-06-012 TAX YEAR: 2023 9/16/23 8:31:34 PAGE: 73267

----- PROPERTY LOCATION Address -----

===== PROPERTY BILLING NAME/ADDRESS =====

Number: 00000 Suffix:

Street Name: 00000000 Street Suffix:

City: State: Zip: 00000 0000

District: 110 Land Class: CI COMMERCIAL IMPROVED

Legal Desc: OAKLAND AVE

Land Characteristic Selections

L A N D Lots: Regular Lot

Eff Frontage: 343 Eff Depth: 230

--- Totals for MBP ---

Buildings: 0 Building Value: .00 Land Market Value: 56,595.00

Market Acres: .00 Use Acres: .00 Land Use Value: .00

Bld/Land Use Total: .00 Bld/Land Mar.Total: 56,595.00 6% Bld Value: 0 # of 6% Blds: 0

Rental Acres: 0 Rental Acres Value: 0 Ren.Acres-Mar: 0 Ren.Acres Value-Mar: 0

Map/Block/Parcel 90100 05 002

Property Card File

Year 2017 File

Close This Window




FLORENCE COUNTY TAX ASSESSOR
Property Card Record for MBP: 90100-05-002 TAX YEAR: 2023 9/16/23 8:31:34 PAGE: 73255
----- PROPERTY LOCATION Address -----== PROPERTY BILLING NAME/ADDRESS ==
Number: 40000 Suffix:
Street Name: 00000000 Street Suffix:
City: State: Zip: 00000 0000 FLORENCE
District: 110 Land Class: CI COMMERCIAL IMPROVED PO DRAWER 969
Legal Desc: OAKLAND PLANTATION FLORENCE SC 29503
Land Characteristic Selections
01 Topography 1 Level
02 Street 1 Paved
02 Street 5 Curb & Gutter
02 Street 6 Sidewalk
03 Utilities 1 All Public Utilities
03 Utilities 7 Storm Sewer
04 Fronting Traffic 4 Med.
05 Ownership 3 City
L A N D Lots: Regular Lot Eff Frontage: 480 Eff Depth: 424

--- Totals for MBP ---
Buildings: 0 Building Value: .00 Land Market Value: 14,880.00
Market Acres: .00 Use Acres: .00 Land Use Value: .00
Bld/Land Use Total: .00 Bld/Land Mar.Total: 14,880.00 6% Bld Value: 0 # of 6% Blds: 0
Rental Acres: 0 Rental Acres Value: 0 Ren.Acres-Mar: 0 Ren.Acres Value-Mar: 0

ArcGIS Web Map



5/7/2024, 9:06:04 AM

 MunicipalBoundary
  Address
 CountyBoundary
  Parcels

1:1,128

0 0.01 0.01 0.03 mi

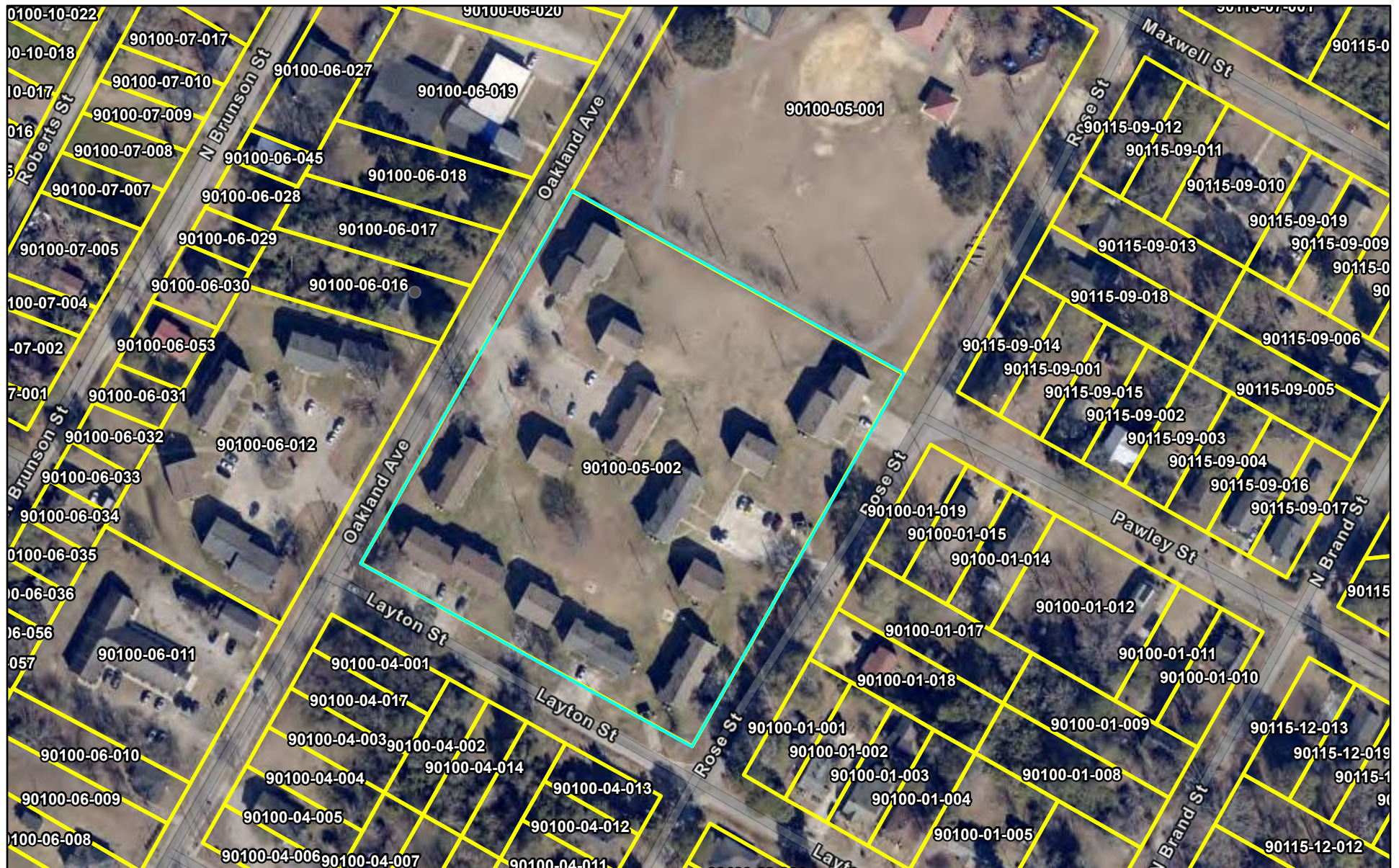
0 0.01 0.03 0.05 km

Esri Community Maps Contributors, County of Florence, State of North Carolina DOT, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin,



Web AppBuilder for ArcGIS

Imagery collected in 2020 by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI. | Florence County GIS | Esri Community Maps Contributors, County of Florence, State of North Carolina DOT, ©

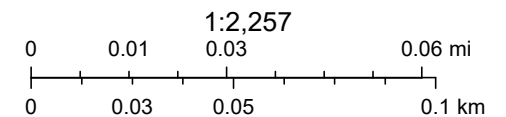
ArcGIS Web Map



5/7/2024, 9:07:54 AM

 MunicipalBoundary  Parcels

CountyBoundary



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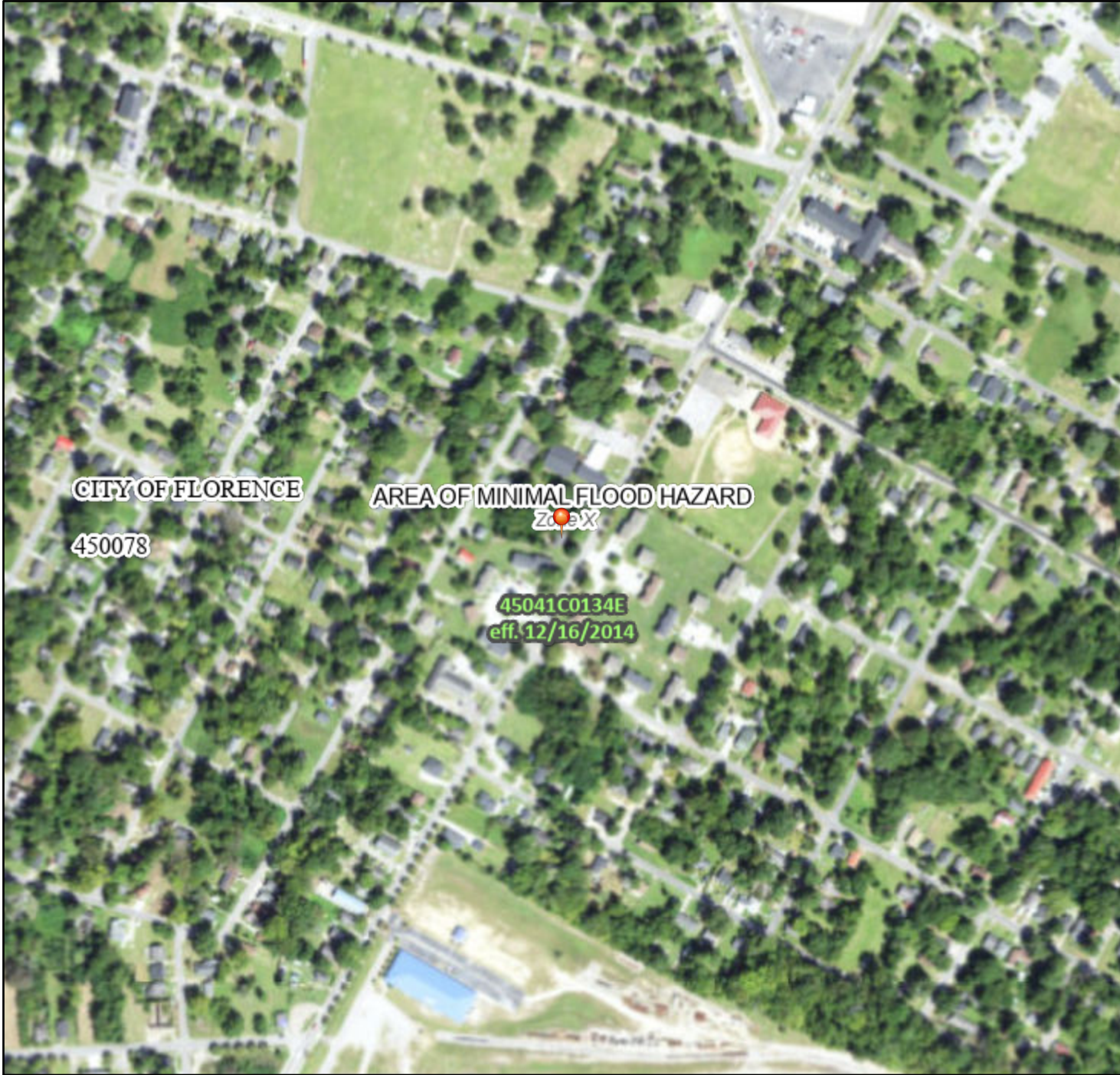
Web AppBuilder for ArcGIS

Imagery collected in 2020 by Kucera International. Imagery is managed by Adam DeMars, South Carolina State GIS Coordinator and hosted by ESRI. | Florence County GIS | Esri Community Maps Contributors, County of Florence, State of North Carolina DOT, ©

National Flood Hazard Layer FIRMMette



79°45'51"W 34°12'37"N



1:6,000

79°45'13"W 34°12'7"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 |
| GENERAL STRUCTURES | | Area of Undetermined Flood Hazard Zone D |
| | | Channel, Culvert, or Storm Sewer |
| | | Levee, Dike, or Floodwall |
| OTHER FEATURES | | 20.2 Cross Sections with 1% Annual Chance Water Surface Elevation |
| | | 17.5 Cross Sections with 1% Annual Chance Water Surface Elevation |
| | | Coastal Transect |
| | | Base Flood Elevation Line (BFE) |
| | | Limit of Study |
| | | Jurisdiction Boundary |
| | | Coastal Transect Baseline |
| | | Profile 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 **5/17/2024 at 3:45 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.

APPENDIX C: REGULATORY DATABASE REPORT



DATABASE REPORT

| | |
|--------------------------|-------------------------------------------------------------|
| Project Property: | <i>Oakland Place 711 Oakland Avenue FLORENCE SC</i> |
| Project No: | <i>24-446236.3</i> |
| Report Type: | <i>Database Report</i> |
| Order No: | <i>25041700670</i> |
| Requested by: | <i>Partner Engineering and Science, Inc.</i> |
| Date Completed: | <i>April 28, 2025</i> |

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

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Reliance on information in Report: This report DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as database review of environmental records.

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Executive Summary

Property Information:

Project Property: *Oakland Place
711 Oakland Avenue FLORENCE SC*

Project No: *24-446236.3*

Coordinates:

| | |
|----------------------|---------------------|
| Latitude: | <i>34.206144</i> |
| Longitude: | <i>-79.759154</i> |
| UTM Northing: | <i>3,785,649.80</i> |
| UTM Easting: | <i>614,380.30</i> |
| UTM Zone: | <i>UTM Zone 17S</i> |

Elevation: *144 FT*

Order Information:

Order No: *25041700670*

Date Requested: *April 17, 2025*

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

Report Type: *Database Report*

Historicals/Products:

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

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 |
|----------------------------------------------|----------|---------------|------------------|---------------|-------------------|------------------|------------------|-------|
| <u>Standard Environmental Records</u> | | | | | | | | |
| Federal | | | | | | | | |
| 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 | 0 | - | - | 1 |
| 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 | 3 | - | 3 |
| FEMA UST | Y | 0.25 | 0 | 0 | 0 | - | - | 0 |
| FRP | 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 |
|-------------------|-----------------|----------------------|-------------------------|----------------------|--------------------------|-------------------------|-------------------------|--------------|
| 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 | 2 | 2 |
| SWF/LF | Y | 0.5 | 0 | 0 | 0 | 0 | - | 0 |
| SASPL | Y | 0.5 | 0 | 0 | 0 | 4 | - | 4 |
| DELISTED SHWS | Y | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| LUST | Y | 0.5 | 0 | 0 | 1 | 5 | - | 6 |
| LAST | Y | 0.5 | 0 | 0 | 0 | 1 | - | 1 |
| DELISTED LST | Y | 0.5 | 0 | 0 | 0 | 6 | - | 6 |
| UST | Y | 0.25 | 0 | 0 | 1 | - | - | 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 | 1 | - | 1 |
| VCP | Y | 0.5 | 0 | 0 | 0 | 3 | - | 3 |
| BROWNFIELDS | Y | 0.5 | 0 | 0 | 0 | 3 | - | 3 |

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 | - | - | - | - | 0 |
| TRIS | Y | PO | 0 | - | - | - | - | 0 |

| <i>Database</i> | <i>Searched</i> | <i>Search Radius</i> | <i>Project Property</i> | <i>Within 0.12mi</i> | <i>0.125mi to 0.25mi</i> | <i>0.25mi to 0.50mi</i> | <i>0.50mi to 1.00mi</i> | <i>Total</i> |
|-------------------|-----------------|----------------------|-------------------------|----------------------|--------------------------|-------------------------|-------------------------|--------------|
| 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 | 2 | - | - | - | 2 |
| 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 | - | - | - | - | 0 |
| 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 | 0 | 0 | 0 |
| 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 | - | - | - | - | 0 |
| 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 | 4 | - | - | - | 4 |
| 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.

| | | | | | | |
|---------------|---|---|---|----|---|----|
| Total: | 0 | 7 | 2 | 26 | 2 | 37 |
|---------------|---|---|---|----|---|----|

* 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 |
|-------------------|-----------------|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------|----------------|--------------------|
| 1 | HMIRS | | 100 OAKLAND AVE FLORENCE SC | SW | 0.12 / 613.33 | -3 | 22 |
| 1 | SPILLS | CSX TRAIN DERAILMENT | 100 OAKLAND AVE FLORENCE SC <i>Incident No:</i> 200403003 | SW | 0.12 / 613.33 | -3 | 22 |
| 1 | SPILLS | | 100 OAKLAND AVE FLORENCE SC <i>Incident No:</i> 201305159 | SW | 0.12 / 613.33 | -3 | 22 |
| 1 | SPILLS | RELEASE INCIDENT | 100 OAKLAND AVE FLORENCE SC <i>Incident No:</i> 201602170 | SW | 0.12 / 613.33 | -3 | 23 |
| 1 | RCRA VSQG | CSX TRANSPORTATION | 100 OAKLAND AVE FLORENCE SC 29501 <i>Handler ID Recycler Activity?:</i> SCD982077281 NO | SW | 0.12 / 613.33 | -3 | 23 |
| 1 | SPILLS | CSX RAILYARD | 100 OAKLAND AVE FLORENCE SC <i>Incident No:</i> 201804011 | SW | 0.12 / 613.33 | -3 | 29 |
| 1 | HMIRS | | 100 Oakland Ave FLORENCE SC | SW | 0.12 / 613.33 | -3 | 29 |
| 2 | UST | OAKLAND MINI MART | 1101 OAKLAND AVE FLORENCE SC 29506-6605 <i>Site No:</i> 12733 <i>Tank No Status:</i> 2 Abandoned, 3 Abandoned, 1 Abandoned | NNE | 0.22 / 1,168.25 | 4 | 36 |
| 2 | LUST | OAKLAND MINI MART | 1101 OAKLAND AVE FLORENCE SC 29506-6605 <i>Permit:</i> N 12733 <i>NFA:</i> 9/17/1999 | NNE | 0.22 / 1,168.25 | 4 | 38 |
| 3 | DELISTED LST | SUB FIRE STATION 2 | 250 E MARION ST FLORENCE SC | SW | 0.30 / 1,601.15 | 0 | 39 |
| 3 | LUST | SUB FIRE STATION 2 | 250 E MARION ST FLORENCE SC 29506-6111 <i>Permit:</i> N 09923 <i>NFA:</i> 4/6/1995 | SW | 0.30 / 1,601.15 | 0 | 40 |
| 4 | LUST | CSX TRANSPORTATION FLORENCE | 807 E DAY ST FLORENCE SC 29501 <i>Permit:</i> U 15599 <i>NFA:</i> 1/16/1995 | SSE | 0.38 / 2,004.87 | -2 | 40 |
| 5 | LUST | OAKLAND MARKET | 1210 OAKLAND AVE FLORENCE SC 29506 | NE | 0.38 / 2,031.96 | -1 | 41 |

| Map Key | DB | Company/Site Name | Address | Direction | Distance (mi/ft) | Elev Diff (ft) | Page Number |
|--------------------|-----------------|---------------------------------------------------------|----------------------------------------------------------------------------------------|-----------|--------------------|----------------|--------------------|
| | | | Permit: N 03596 NFA: 4/26/1994, 7/26/1996 | | | | |
| 6 | DELISTED LST | CSX TRANSPORTATION SEABOARD RR | 803 E DAY ST FLORENCE SC | S | 0.39 / 2,079.35 | -2 | 42 |
| 6 | DELISTED LST | CSX TRANSPORTATION | 803 E DAY ST FLORENCE SC | S | 0.39 / 2,079.35 | -2 | 43 |
| 6 | DELISTED LST | CSX TRANSPORTATION | 803 E DAY ST FLORENCE SC | S | 0.39 / 2,079.35 | -2 | 44 |
| 6 | LAST | CSX TRANSPORTATION | 803 E DAY ST FLORENCE SC Site ID Status NFA Dt: 03359 ASSEREME | S | 0.39 / 2,079.35 | -2 | 45 |
| 7 | FED BROWNFIELDS | McLeod Regional Developement Center & Abdallah Property | Dargan Street Florence SC 29501 Property ID: 111100 | WSW | 0.43 / 2,268.29 | -2 | 45 |
| 8 | DELISTED LST | COOPER PROPERTY (VACANT LOT) | COMMANDER ST & W LUCAS ST FLORENCE SC | W | 0.44 / 2,306.85 | -2 | 47 |
| 9 | BROWNFIELDS | BUSH'S RECYCLING INC | 102 W SUMTER ST, FLORENCE, SC, 29501, US SC | WSW | 0.44 / 2,344.35 | -3 | 48 |
| 9 | SASPL | BUSH'S RECYCLING INC | 102 W SUMTER ST, FLORENCE SC 29501 SC | WSW | 0.44 / 2,344.35 | -3 | 48 |
| 9 | VCP | BUSH'S RECYCLING INC | 102 W SUMTER ST FLORENCE SC 29501 | WSW | 0.44 / 2,344.35 | -3 | 49 |
| 9 | FED BROWNFIELDS | Bush Recycling | 102 West Sumter Street Florence SC 29501 Property ID: 15416 | WSW | 0.44 / 2,344.35 | -3 | 49 |
| 10 | FED BROWNFIELDS | Pee Dee Community Action /Casten McDaniel Property | 300 Block of North Dargan Street Florence SC 29501 Property ID: 110642 | WSW | 0.45 / 2,359.03 | -2 | 58 |
| 11 | SASPL | FORMER FLORENCE STEAM LAUNDRY | 250 E N B BAROODY ST, FLORENCE SC 29506 SC | SW | 0.45 / 2,375.09 | -4 | 61 |

| Map Key | DB | Company/Site Name | Address | Direction | Distance (mi/ft) | Elev Diff (ft) | Page Number |
|---------------------------|--------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------|-----------------------|---------------------------|
| <u>12</u> | BROWNFIELDS | CITY OF FLORENCE PARKING LOT PROPERTY | 199 E N B BAROODY ST, FLORENCE, SC, 29506-2524, US SC | SW | 0.48 / 2,513.56 | -2 | <u>61</u> |
| <u>12</u> | BROWNFIELDS | BTC PARKING LOT SITE | 199 E N B BAROODY ST, FLORENCE, SC, 29506-2524, US SC | SW | 0.48 / 2,513.56 | -2 | <u>61</u> |
| <u>12</u> | VCP | CITY OF FLORENCE PARKING LOT PROPERTY | 199 E N B BAROODY ST FLORENCE SC 29506-2524 | SW | 0.48 / 2,513.56 | -2 | <u>61</u> |
| <u>12</u> | VCP | BTC PARKING LOT SITE | 199 E N B BAROODY ST FLORENCE SC 29506-2524 | SW | 0.48 / 2,513.56 | -2 | <u>62</u> |
| <u>12</u> | SASPL | BTC PARKING LOT SITE | 199 E N B BAROODY ST, FLORENCE SC 29506-2524 SC | SW | 0.48 / 2,513.56 | -2 | <u>62</u> |
| <u>12</u> | SASPL | CITY OF FLORENCE PARKING LOT PROPERTY | 199 E N B BAROODY ST, FLORENCE SC 29506-2524 SC | SW | 0.48 / 2,513.56 | -2 | <u>62</u> |
| <u>13</u> | LUST | MERITA BAKERY | 1153 E DAY ST FLORENCE SC 29506-2722 <i>Permit:</i> P 03332 <i>NFA:</i> 2/25/2013, 10/18/2005, 8/19/1997, 3/30/1998 | SE | 0.48 / 2,559.24 | -5 | <u>62</u> |
| <u>13</u> | RCR | MERITA BAKERY | 1153 E DAY ST FLORENCE SC 29506-2722 | SE | 0.48 / 2,559.24 | -5 | <u>65</u> |
| <u>13</u> | DELISTED LST | PINTSCH GAS SITE | 1153 E DAY ST FLORENCE SC | SE | 0.48 / 2,559.24 | -5 | <u>65</u> |
| <u>14</u> | LUST | FLORENCE CITY OF KWIK FILL SITE | 500 N IRBY ST FLORENCE SC 29501-2812 <i>Permit:</i> R 03499 | W | 0.50 / 2,631.70 | -1 | <u>66</u> |
| <u>15</u> | REMEDIATION | Florence MGP Site | 553 North Irby St. Florence SC | W | 0.53 / 2,803.29 | 1 | <u>67</u> |
| <u>16</u> | REMEDIATION | Commercial Tracts | 150 North McQueen Street Florence SC | WSW | 0.86 / 4,537.50 | 0 | <u>67</u> |

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 1 RCRA VSQG site(s) within approximately 0.25 miles of the project property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-----------------------------------------------------------|--------------------------------------|------------------|-------------------------|-------------------|
| CSX TRANSPORTATION | 100 OAKLAND AVE FLORENCE SC 29501 | SW | 0.12 / 613.33 | 1 |
| <i>Handler ID / Recycler Activity?: SCD982077281 NO</i> | | | | |

FED BROWNFIELDS - The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database

A search of the FED BROWNFIELDS database, dated Feb 19, 2025 has found that there are 3 FED BROWNFIELDS site(s) within approximately 0.50miles of the project property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|--------------------------------------------------------|-------------------------------------------------------|------------------|-------------------------|--------------------|
| McLeod Regional Development Center & Abdallah Property | Dargan Street Florence SC 29501 | WSW | 0.43 / 2,268.29 | 7 |
| <i>Property ID: 111100</i> | | | | |
| Bush Recycling | 102 West Sumter Street Florence SC 29501 | WSW | 0.44 / 2,344.35 | 9 |
| <i>Property ID: 15416</i> | | | | |
| Pee Dee Community Action /Casten McDaniel Property | 300 Block of North Dargan Street Florence SC 29501 | WSW | 0.45 / 2,359.03 | 10 |
| <i>Property ID: 110642</i> | | | | |

State

REMEDIATION - State Remediation Projects

A search of the REMEDIATION database, dated Sep 6, 2024 has found that there are 2 REMEDIATION 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> |
|-------------------------------|-----------------------------------------|------------------|-------------------------|--------------------|
| Florence MGP Site | 553 North Irby St. Florence SC | W | 0.53 / 2,803.29 | 15 |
| Commercial Tracts | 150 North McQueen Street Florence SC | WSW | 0.86 / 4,537.50 | 16 |

SASPL - Site Assessment Section Project List

A search of the SASPL database, dated Aug 14, 2024 has found that there are 4 SASPL site(s) within approximately 0.50miles of the project property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|------------------------------------------|-------------------------------------------------------|-------------------------|--------------------------------|---------------------------|
| BUSH'S RECYCLING INC | 102 W SUMTER ST, FLORENCE SC 29501 SC | WSW | 0.44 / 2,344.35 | <u>9</u> |
| FORMER FLORENCE STEAM LAUNDRY | 250 E N B BAROODY ST, FLORENCE SC 29506 SC | SW | 0.45 / 2,375.09 | <u>11</u> |
| BTC PARKING LOT SITE | 199 E N B BAROODY ST, FLORENCE SC 29506-2524 SC | SW | 0.48 / 2,513.56 | <u>12</u> |
| CITY OF FLORENCE PARKING LOT PROPERTY | 199 E N B BAROODY ST, FLORENCE SC 29506-2524 SC | SW | 0.48 / 2,513.56 | <u>12</u> |

LUST - Leaking Underground Storage Tank List

A search of the LUST database, dated Jan 22, 2025 has found that there are 6 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> |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-------------------------|--------------------------------|---------------------------|
| OAKLAND MINI MART | 1101 OAKLAND AVE FLORENCE SC 29506-6605 <i>Permit: N 12733</i> <i>NFA: 9/17/1999</i> | NNE | 0.22 / 1,168.25 | <u>2</u> |
| SUB FIRE STATION 2 | 250 E MARION ST FLORENCE SC 29506-6111 <i>Permit: N 09923</i> <i>NFA: 4/6/1995</i> | SW | 0.30 / 1,601.15 | <u>3</u> |
| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
| CSX TRANSPORTATION FLORENCE | 807 E DAY ST FLORENCE SC 29501 <i>Permit: U 15599</i> <i>NFA: 1/16/1995</i> | SSE | 0.38 / 2,004.87 | <u>4</u> |
| OAKLAND MARKET | 1210 OAKLAND AVE FLORENCE SC 29506 <i>Permit: N 03596</i> <i>NFA: 4/26/1994, 7/26/1996</i> | NE | 0.38 / 2,031.96 | <u>5</u> |
| MERITA BAKERY | 1153 E DAY ST FLORENCE SC 29506-2722 <i>Permit: P 03332</i> <i>NFA: 2/25/2013, 10/18/2005, 8/19/1997, 3/30/1998</i> | SE | 0.48 / 2,559.24 | <u>13</u> |
| FLORENCE CITY OF KWIK FILL SITE | 500 N IRBY ST FLORENCE SC 29501-2812 | W | 0.50 / 2,631.70 | <u>14</u> |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|------------------------|----------------|------------------|-------------------------|----------------|
| <i>Permit: R 03499</i> | | | | |

LAST - Release Incidents - Groundwater Tracking

A search of the LAST database, dated Jan 7, 2025 has found that there are 1 LAST site(s) within approximately 0.50miles of the project property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|------------------------------------------------------|-----------------------------|------------------|-------------------------|--------------------------|
| CSX TRANSPORTATION | 803 E DAY ST FLORENCE SC | S | 0.39 / 2,079.35 | <u>6</u> |
| <i>Site ID / Status / NFA Dt: 03359 / ASSEREME /</i> | | | | |

DELISTED LST - Delisted Leaking Storage Tanks

A search of the DELISTED LST database, dated Jan 22, 2025 has found that there are 6 DELISTED LST 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> |
|-------------------------------|--------------------------------|------------------|-------------------------|--------------------------|
| SUB FIRE STATION 2 | 250 E MARION ST FLORENCE SC | SW | 0.30 / 1,601.15 | <u>3</u> |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-----------------------------------|------------------------------------------|------------------|-------------------------|---------------------------|
| CSX TRANSPORTATION | 803 E DAY ST FLORENCE SC | S | 0.39 / 2,079.35 | <u>6</u> |
| CSX TRANSPORTATION | 803 E DAY ST FLORENCE SC | S | 0.39 / 2,079.35 | <u>6</u> |
| CSX TRANSPORTATION SEABOARD RR | 803 E DAY ST FLORENCE SC | S | 0.39 / 2,079.35 | <u>6</u> |
| COOPER PROPERTY (VACANT LOT) | COMMANDER ST & W LUCAS ST FLORENCE SC | W | 0.44 / 2,306.85 | <u>8</u> |
| PINTSCH GAS SITE | 1153 E DAY ST FLORENCE SC | SE | 0.48 / 2,559.24 | <u>13</u> |

UST - Underground Storage Tank List

A search of the UST database, dated Jan 22, 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> |
|-----------------------------------------------------------------------------------------------|--------------------------------------------|------------------|-------------------------|-------------------|
| OAKLAND MINI MART | 1101 OAKLAND AVE FLORENCE SC 29506-6605 | NNE | 0.22 / 1,168.25 | 2 |
| Site No: 12733 Tank No Status: 2 Abandoned, 3 Abandoned, 1 Abandoned | | | | |

RCR - Registry of Conditional Remedies

A search of the RCR database, dated Feb 25, 2025 has found that there are 1 RCR site(s) within approximately 0.50miles of the project property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|------------------------|-----------------------------------------|------------------|-------------------------|--------------------|
| MERITA BAKERY | 1153 E DAY ST FLORENCE SC 29506-2722 | SE | 0.48 / 2,559.24 | 13 |

VCP - Site Assessment and Remediation Public Record Database

A search of the VCP database, dated Apr 9, 2025 has found that there are 3 VCP site(s) within approximately 0.50miles of the project property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|---------------------------------------|------------------------------------------------|------------------|-------------------------|--------------------|
| BUSH'S RECYCLING INC | 102 W SUMTER ST FLORENCE SC 29501 | WSW | 0.44 / 2,344.35 | 9 |
| CITY OF FLORENCE PARKING LOT PROPERTY | 199 E N B BAROODY ST FLORENCE SC 29506-2524 | SW | 0.48 / 2,513.56 | 12 |
| BTC PARKING LOT SITE | 199 E N B BAROODY ST FLORENCE SC 29506-2524 | SW | 0.48 / 2,513.56 | 12 |

BROWNFIELDS - Brownfields Sites Listing

A search of the BROWNFIELDS database, dated Jan 7, 2025 has found that there are 3 BROWNFIELDS site(s) within approximately 0.50miles of the project property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|---------------------------------------|-------------------------------------------------------------|------------------|-------------------------|--------------------|
| BUSH'S RECYCLING INC | 102 W SUMTER ST, FLORENCE, SC, 29501, US SC | WSW | 0.44 / 2,344.35 | 9 |
| CITY OF FLORENCE PARKING LOT PROPERTY | 199 E N B BAROODY ST, FLORENCE, SC, 29506-2524, US SC | SW | 0.48 / 2,513.56 | 12 |
| BTC PARKING LOT SITE | 199 E N B BAROODY ST, FLORENCE, SC, 29506-2524, US SC | SW | 0.48 / 2,513.56 | 12 |

Non Standard

Federal

HMIRS - Hazardous Materials Information Reporting System

A search of the HMIRS database, dated May 29, 2024 has found that there are 2 HMIRS site(s) within approximately 0.12miles of the project property.

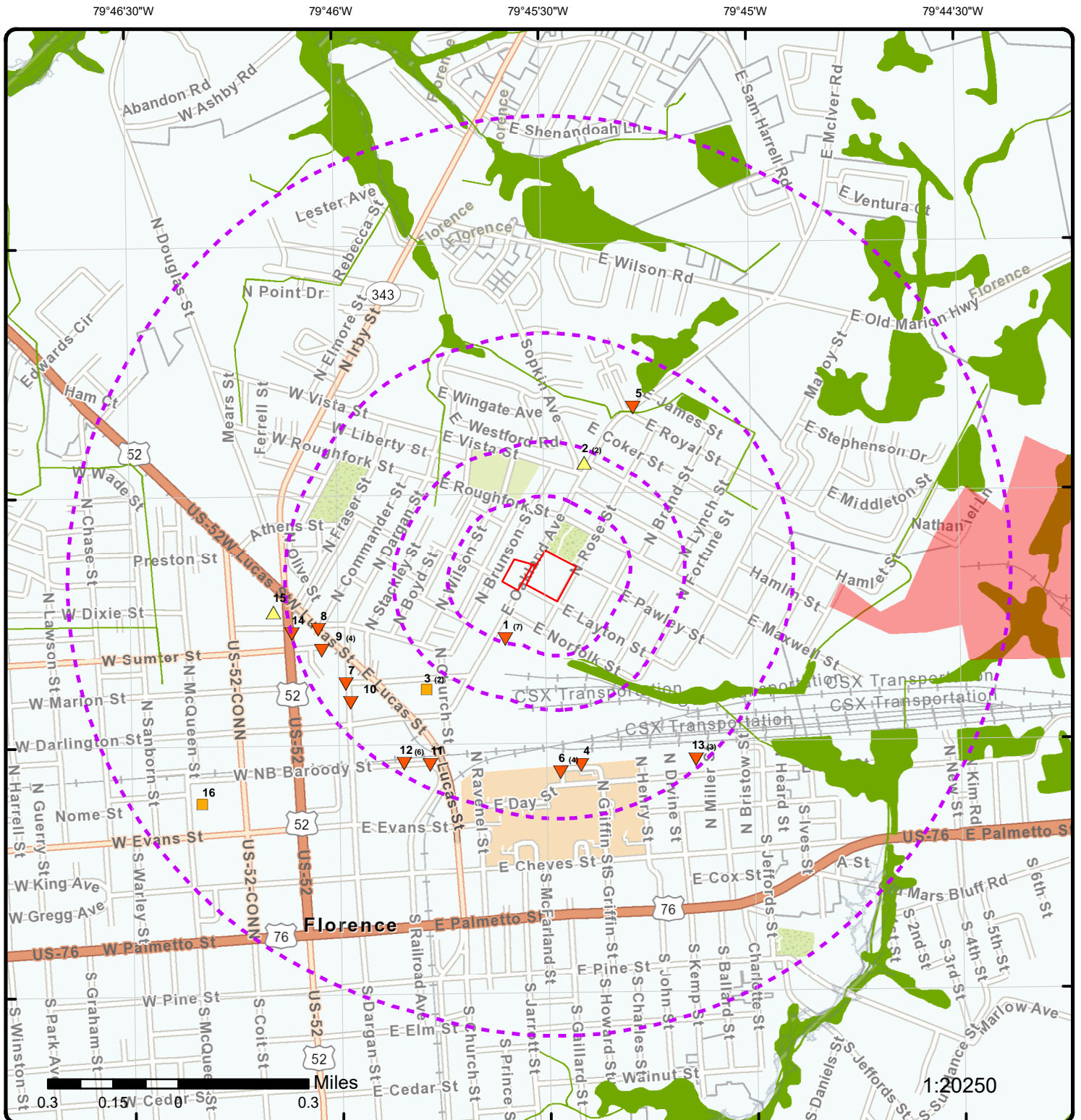
| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------|--------------------------------|-------------------------|--------------------------------|--------------------------|
| | 100 Oakland Ave FLORENCE SC | SW | 0.12 / 613.33 | <u>1</u> |
| | 100 OAKLAND AVE FLORENCE SC | SW | 0.12 / 613.33 | <u>1</u> |

State

SPILLS - Spills List

A search of the SPILLS database, dated Sep 24, 2024 has found that there are 4 SPILLS site(s) within approximately 0.12miles of the project property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------|--------------------------------|-------------------------|--------------------------------|--------------------------|
| CSX TRAIN DERAILMENT | 100 OAKLAND AVE FLORENCE SC | SW | 0.12 / 613.33 | <u>1</u> |
| | <i>Incident No: 200403003</i> | | | |
| | 100 OAKLAND AVE FLORENCE SC | SW | 0.12 / 613.33 | <u>1</u> |
| | <i>Incident No: 201305159</i> | | | |
| RELEASE INCIDENT | 100 OAKLAND AVE FLORENCE SC | SW | 0.12 / 613.33 | <u>1</u> |
| | <i>Incident No: 201602170</i> | | | |
| CSX RAILYARD | 100 OAKLAND AVE FLORENCE SC | SW | 0.12 / 613.33 | <u>1</u> |
| | <i>Incident No: 201804011</i> | | | |



Map: 1.0 Mile Radius

Order Number: 25041700670

Address: 711 Oakland Avenue, FLORENCE, 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

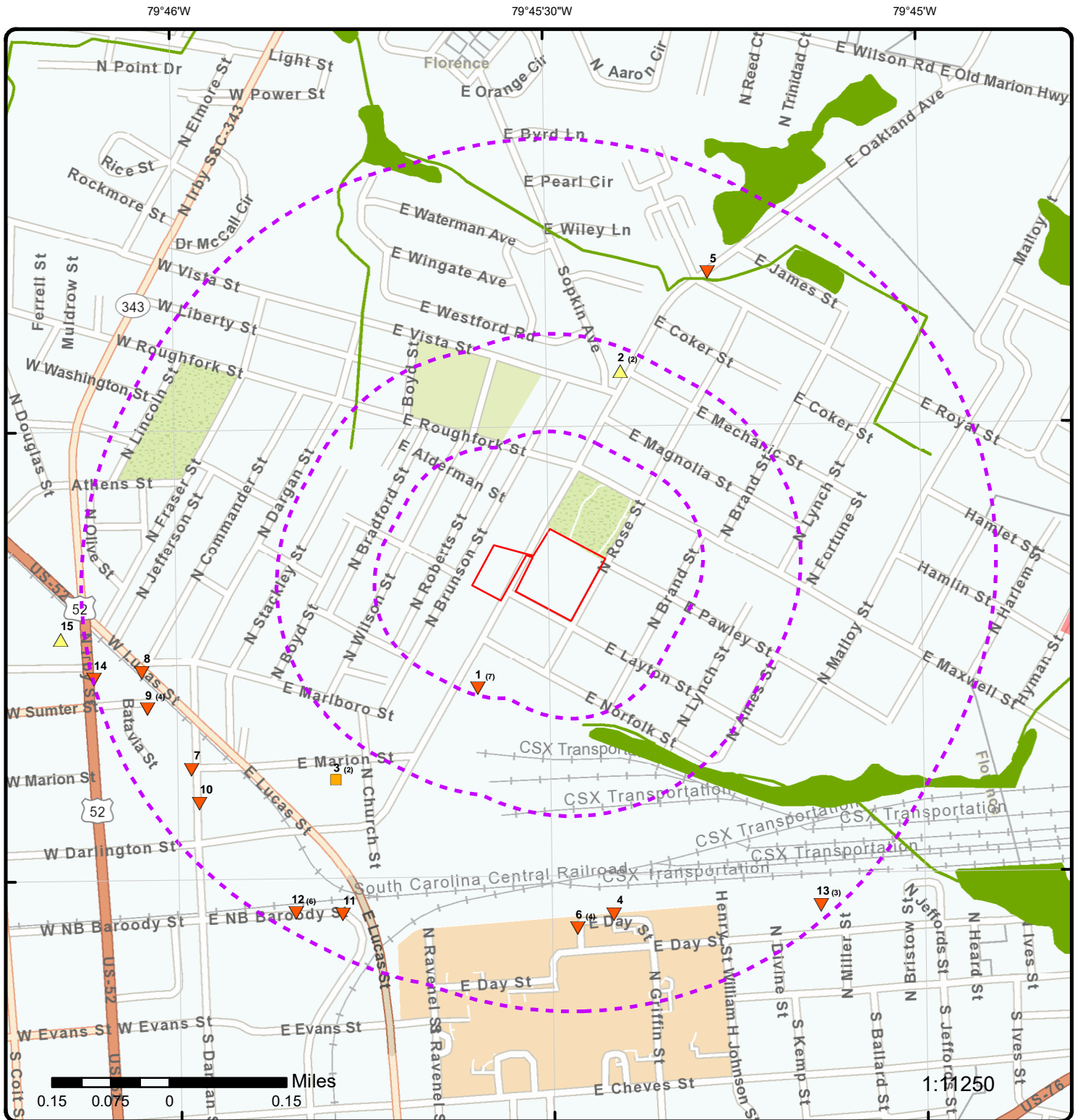
Indian Reserve Land

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: 25041700670

Address: 711 Oakland Avenue, FLORENCE, 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

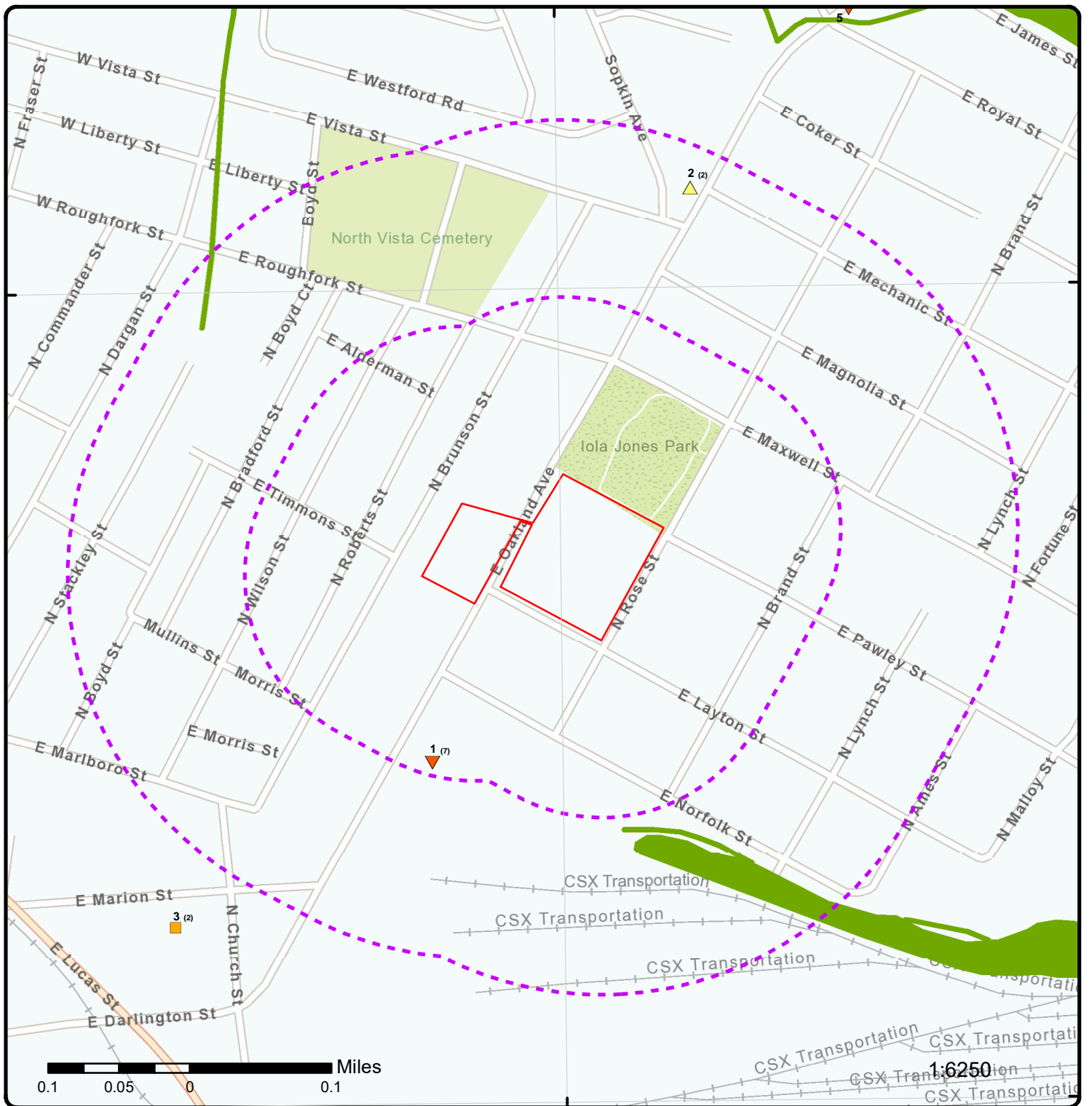
Indian Reserve Land

100 Year Flood Zone

500 Year Flood Zone

FWS Special Designation Areas

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



Map: 0.25 Mile Radius

Order Number: 25041700670

Address: 711 Oakland Avenue, FLORENCE, 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)

79°46'W

79°45'30"W

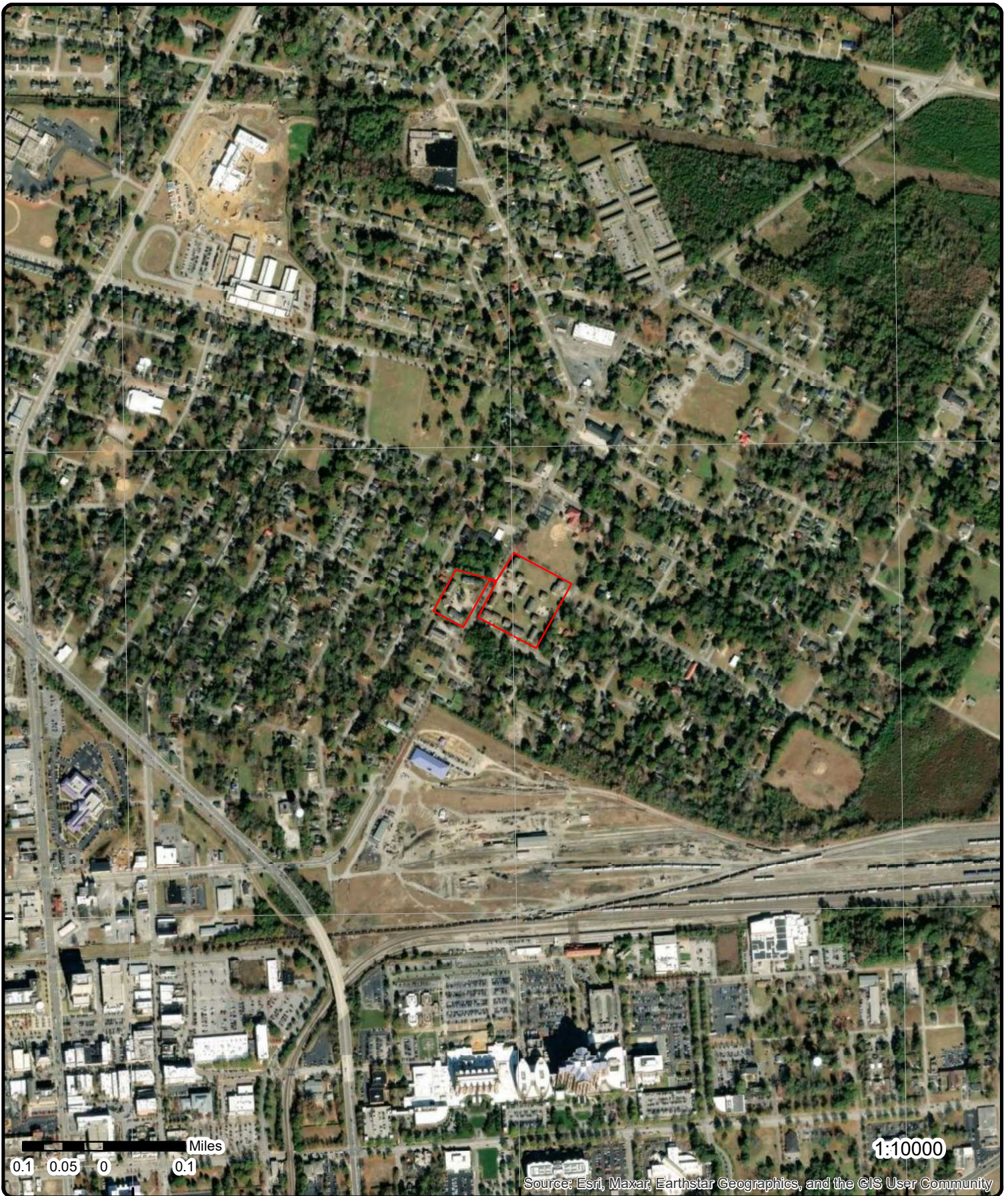
79°45'W

34°12'30"N

34°12'30"N

34°12'N

34°12'N



Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Aerial Year: 2023

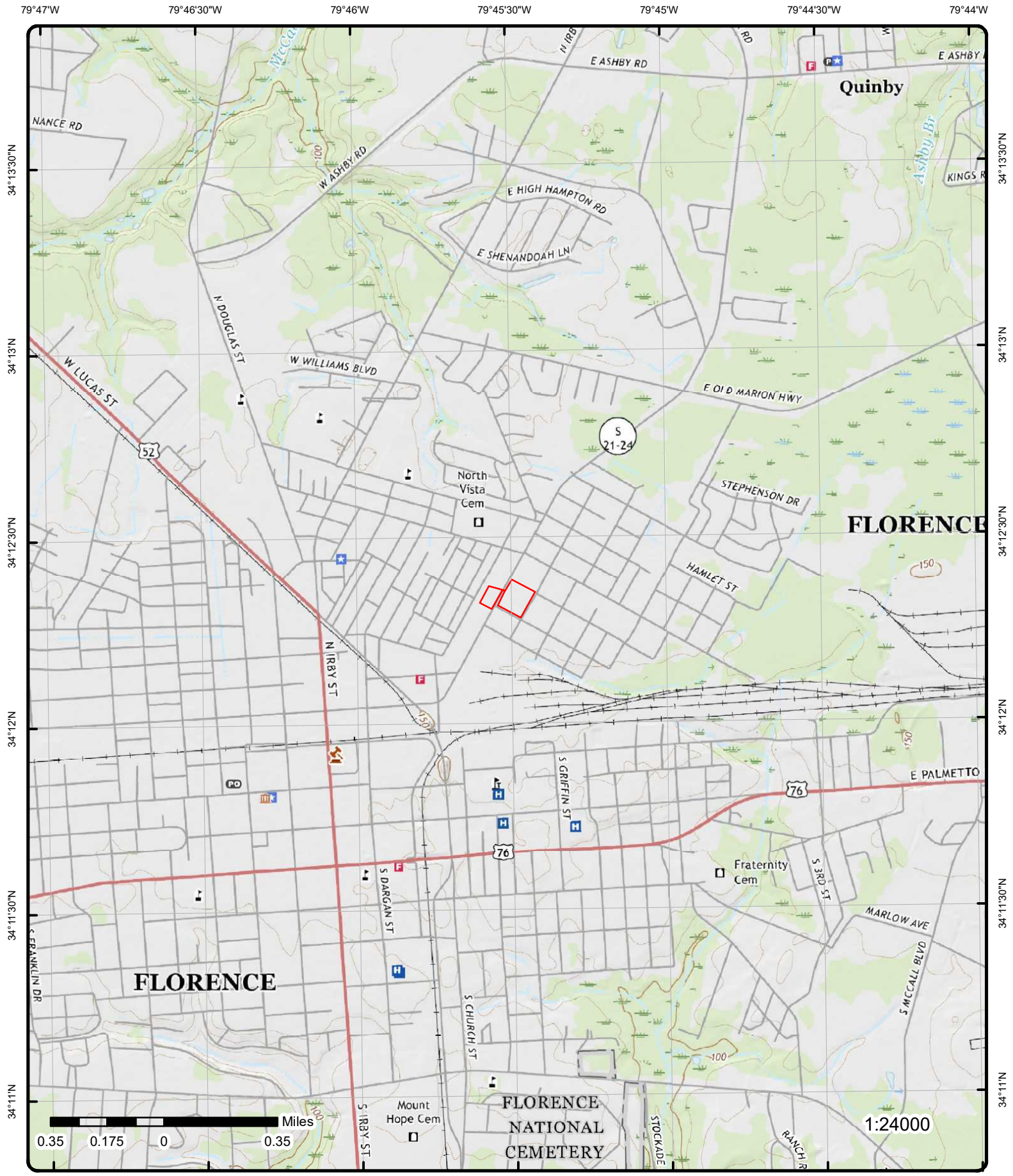
Address: 711 Oakland Avenue, FLORENCE, SC

Source: ESRI World Imagery

Order Number: 25041700670



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Topographic Map Year: 2020

Address: 711 Oakland Avenue, SC

Quadrangle(s): Florence East SC, Florence West SC

Source: USGS Topographic Map

Order Number: 25041700670



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Detail Report

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|-------------------|-------------------|-----------|------------------|----------------|--------------------------------|-------|
| 1 | 1 of 7 | SW | 0.12 / 613.33 | 141.00 / -3 | 100 OAKLAND AVE FLORENCE SC | HMIRS |

Incident County: FLORENCE

| | | | | | | |
|-------------------|--------|----|---------------|-------------|--------------------------------------------------------|--------|
| 1 | 2 of 7 | SW | 0.12 / 613.33 | 141.00 / -3 | CSX TRAIN DERAILMENT 100 OAKLAND AVE FLORENCE SC | SPILLS |
|-------------------|--------|----|---------------|-------------|--------------------------------------------------------|--------|

| | | | |
|--------------------|------------|-----------------------|-----------------------------|
| Incident EID: | 7815626 | Costal CBE Program: | No |
| Incident No: | 200403003 | Site Water Body: | |
| Incident Sub Type: | Oil | SW Affected: | |
| District Log No: | | Transp Related: | |
| DHEC Notified Dt: | 07/27/2004 | Region Name: | Florence EQC Office |
| DHEC Notifi Time: | 2038 | PRP Last Name: | CSX TRANSPORTATION FLORENCE |
| Observed Date: | | PRP First Name: | |
| Observed Time: | | Rcvd By L Name: | DAIS |
| Occurred Date: | 07/27/2004 | Rcvd By F Name: | DONALD |
| Occurred Time: | 1930 | Rev Last Nm: | WATSON |
| Created Date: | 28-JUL-04 | Revi First Nm: | DANELLE |
| Updated Date: | 28-JUL-04 | Lead Investig L Name: | |
| Duration: | | Lead Investig F Name: | |
| County: | Florence | Caller Organization: | |
| Caller Last Name: | | Caller First Name: | |
| Caller Phone: | | Caller Extension: | |
| Spills Water Body: | | | |
| PRP Name: | | | |
| Spills: | | | |

| | | | | | | |
|-------------------|--------|----|---------------|-------------|--------------------------------|--------|
| 1 | 3 of 7 | SW | 0.12 / 613.33 | 141.00 / -3 | 100 OAKLAND AVE FLORENCE SC | SPILLS |
|-------------------|--------|----|---------------|-------------|--------------------------------|--------|

| | | | |
|--------------------|------------|-----------------------|-----------------------------|
| Incident EID: | 96877722 | Costal CBE Program: | No |
| Incident No: | 201305159 | Site Water Body: | |
| Incident Sub Type: | Oil | SW Affected: | No |
| District Log No: | | Transp Related: | Yes |
| DHEC Notified Dt: | 11/14/2013 | Region Name: | Florence EQC Office |
| DHEC Notifi Time: | 11:16:59 | PRP Last Name: | CSX TRANSPORTATION FLORENCE |
| Observed Date: | 11/14/2013 | PRP First Name: | |
| Observed Time: | 10:43:00 | Rcvd By L Name: | BRIGHT |
| Occurred Date: | 11/14/2013 | Rcvd By F Name: | MARY |
| Occurred Time: | 10:43:00 | Rev Last Nm: | WATSON |
| Created Date: | 14-NOV-13 | Revi First Nm: | DANELLE |
| Updated Date: | 15-NOV-13 | Lead Investig L Name: | |
| Duration: | | Lead Investig F Name: | |
| County: | Florence | Caller Organization: | |
| Caller Last Name: | | Caller First Name: | |
| Caller Phone: | | Caller Extension: | |
| Spills Water Body: | | | |
| PRP Name: | | | |
| Spills: | | | |

Spill Details

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|------------------------|-------------------|-----------|------------------|----------------|------------------------|----|
| Substance Name: | | OIL GAS | | | Recovered Qty: | |
| Estimated Qty: | | | | | Recovered Unit: | |
| Estimated Unit: | | Gallons | | | | |
| Comments: | | | | | | |

| | | | | | | |
|---------------------------|--------|--------------------|---------------|-------------|----------------------------------------------------|-----------------------------|
| <u>1</u> | 4 of 7 | SW | 0.12 / 613.33 | 141.00 / -3 | RELEASE INCIDENT 100 OAKLAND AVE FLORENCE SC | SPILLS |
| Incident EID: | | 129148926 | | | Costal CBE Program: | No |
| Incident No: | | 201602170 | | | Site Water Body: | |
| Incident Sub Type: | | Hazardous Material | | | SW Affected: | |
| District Log No: | | | | | Transp Related: | |
| DHEC Notified Dt: | | 04/24/2016 | | | Region Name: | Florence EQC Office |
| DHEC Notifi Time: | | 0945 | | | PRP Last Name: | CSX TRANSPORTATION FLORENCE |
| Observed Date: | | 04/24/2016 | | | PRP First Name: | |
| Observed Time: | | 0930 | | | Rcvd By L Name: | MCWILLIAMS |
| Occurred Date: | | 04/24/2016 | | | Rcvd By F Name: | JESSE |
| Occurred Time: | | 0930 | | | Rev Last Nm: | LAMBERT |
| Created Date: | | 25-APR-16 | | | Revi First Nm: | JASON |
| Updated Date: | | 24-JUN-16 | | | Lead Investig L Name: | |
| Duration: | | | | | Lead Investig F Name: | |
| County: | | Florence | | | Caller Organization: | |
| Caller Last Name: | | | | | Caller First Name: | |
| Caller Phone: | | | | | Caller Extension: | |
| Spills Water Body: | | | | | | |
| PRP Name: | | | | | | |
| Spills: | | | | | | |

| | | | | | | |
|-------------------------|--------|----------------------------------------------------------------------------------------------------------------------|------------------|----------------|------------------------------------------------------------|-----------|
| 1 | 5 of 7 | SW | 0.12 / 613.33 | 141.00 / -3 | CSX TRANSPORTATION 100 OAKLAND AVE FLORENCE SC 29501 | RCRA VSQG |
| Handler ID: | | SCD982077281 | | | | |
| 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 VIOLATIONS: All of the compliance records associated with this facility (EPA ID) indicate NO VIOLATIONS; Compliance Monitoring and Enforcement table dated Jan, 2025.

Evaluation Details

| | |
|-------------------------|----------------------------------|
| Eval Start Date: | 20141027 |
| Eval Type Desc: | COMPLIANCE EVALUATION INSPECTION |
| Viol Short Desc: | |
| Actual Rtc Date: | |
| Eval Agency: | State |
| Eval Start Date: | 19950804 |
| Eval Type Desc: | COMPLIANCE EVALUATION INSPECTION |
| 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 |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|-------------------------|-------------------|-----------|------------------|----------------|--------------------|----|
| 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: | 482111 |
| Seq No: | 11 | | | NAIC 2: | |
| Non Notifier: | | | | NAIC 3: | |
| Receive Date: | 20180122 | | | NAIC 4: | |
| Active Site: | H--- | | | State: | SC |
| Land Type: | P | | | Location Latitude: | 34.208756 |
| In Handler Univ: | Y | | | Location Longitude: | -79.756891 |
| In A Universe: | Y | | | Loc GIS Primary: | N |
| Gen Status: | VSG | | | Loc GIS Origin: | AG |
| Report Cycle: | | | | State District Owner: | SC |
| Accessibility: | | | | State District: | PD |
| Region: | 04 | | | | |
| Fed Waste Gen Owner: | HQ | | | | |
| State Waste Generator Owner: | SC | | | | |
| State Waste Generator: | 4 | | | | |
| Short Term Generator: | N | | | | |
| Uni Waste: | Y | | | | |
| Universal Waste Dest Facility: | N | | | | |
| Federal Universal Waste: | Y | | | | |
| 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: | 20180226 | | | | |
| 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: | CSX TRANSPORTATION | | | | |
| Location Street No: | 100 | | | | |
| Location Street1: | OAKLAND AVE | | | | |
| Location Street2: | | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|-------------------------------|------------------------------|-------------------------|-----------------------------|---------------------------|-------------|-----------|
| Location City: | | FLORENCE | | | | |
| Location State: | | SC | | | | |
| Location Zip: | | 29501 | | | | |
| Location County Code: | | SC041 | | | | |
| Location County Name: | | FLORENCE | | | | |
| Location Country: | | US | | | | |
| Contact Name: | | KIMBERLY VAUGHN | | | | |
| Contact Street No: | | 500 | | | | |
| Contact Street1: | | WATER ST. J275 | | | | |
| Contact Street2: | | | | | | |
| Contact City: | | JACKSONVILLE | | | | |
| Contact State: | | FL | | | | |
| Contact Zip: | | 32202 | | | | |
| Contact Country: | | US | | | | |
| Contact Phone And Ext: | | 904-366-4174 | | | | |
| Contact Fax: | | | | | | |
| Contact Email Address: | | KIM_VAUGHN@CSX.COM | | | | |
| Contact Title: | | MANAGER ENV PROGRAMS | | | | |
| Owner Name: | | CSX TRANSPORTATION INC. | | | | |
| Owner Type: | | P | | | | |
| Owner Seq: | | 1 | | | | |
| Operator Name: | | CSX TRANSPORTATION INC. | | | | |
| Operator Type: | | P | | | | |
| Operator Seq: | | 2 | | | | |
| Public Notes: | | | | | | |

Hazardous Waste Handler Details

Seq No: 1
Receive Date: 19980923
Handler Name: CSX TRANSPORTATION
Fed Waste Generator: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Hazardous Waste Handler Details

Seq No: 2
Receive Date: 20020312
Handler Name: CSX TRANSPORTATION
Fed Waste Generator: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Waste Code Details

Waste Code: D000
Waste Code Desc: DESCRIPTION

Waste Code: D001
Waste Code Desc: IGNITABLE WASTE

Waste Code: D002
Waste Code Desc: CORROSIVE WASTE

Waste Code: D006
Waste Code Desc: CADMIUM

Waste Code: D008
Waste Code Desc: LEAD

Hazardous Waste Handler Details

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------------------------------------------------|----------------------|-------------------------------|---------------------|-------------------|------|----|
| <hr/> | | | | | | |
| Seq No: | | 3 | | | | |
| Receive Date: | | 20030228 | | | | |
| Handler Name: | | CSX TRANSPORTATION | | | | |
| Fed Waste Generator: | | 3 | | | | |
| Generator Code Description: | | Very Small Quantity Generator | | | | |
| Source Type: | | Notification | | | | |
| <u>Hazardous Waste Handler Details</u> | | | | | | |
| Seq No: | | 4 | | | | |
| Receive Date: | | 20040302 | | | | |
| Handler Name: | | CSX TRANSPORTATION | | | | |
| Fed Waste Generator: | | 3 | | | | |
| Generator Code Description: | | Very Small Quantity Generator | | | | |
| Source Type: | | Notification | | | | |
| <u>Hazardous Waste Handler Details</u> | | | | | | |
| Seq No: | | 5 | | | | |
| Receive Date: | | 20050228 | | | | |
| Handler Name: | | CSX TRANSPORTATION | | | | |
| Fed Waste Generator: | | 3 | | | | |
| Generator Code Description: | | Very Small Quantity Generator | | | | |
| Source Type: | | Notification | | | | |
| <u>Hazardous Waste Handler Details</u> | | | | | | |
| Seq No: | | 6 | | | | |
| Receive Date: | | 20110509 | | | | |
| Handler Name: | | CSX TRANSPORTATION | | | | |
| Fed Waste Generator: | | 2 | | | | |
| Generator Code Description: | | Small Quantity Generator | | | | |
| Source Type: | | Notification | | | | |
| <u>Waste Code Details</u> | | | | | | |
| Waste Code: | | U051 | | | | |
| Waste Code Desc: | | CREOSOTE | | | | |
| <u>Hazardous Waste Handler Details</u> | | | | | | |
| Seq No: | | 7 | | | | |
| Receive Date: | | 20151102 | | | | |
| Handler Name: | | CSX TRANSPORTATION | | | | |
| Fed Waste Generator: | | 1 | | | | |
| Generator Code Description: | | Large Quantity Generator | | | | |
| Source Type: | | Notification | | | | |
| <u>Waste Code Details</u> | | | | | | |
| Waste Code: | | D002 | | | | |
| Waste Code Desc: | | CORROSIVE WASTE | | | | |
| Waste Code: | | U051 | | | | |
| Waste Code Desc: | | CREOSOTE | | | | |
| <u>Hazardous Waste Handler Details</u> | | | | | | |
| Seq No: | | 8 | | | | |
| Receive Date: | | 20160301 | | | | |
| Handler Name: | | CSX TRANSPORTATION | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|----------------------------------------|----------------------|-------------------------------|---------------------|-------------------|------|----|
| Fed Waste Generator: | | N | | | | |
| Generator Code Description: | | Not a Generator, Verified | | | | |
| Source Type: | | Notification | | | | |
| <u>Waste Code Details</u> | | | | | | |
| Waste Code: | | D002 | | | | |
| Waste Code Desc: | | CORROSIVE WASTE | | | | |
| Waste Code: | | U051 | | | | |
| Waste Code Desc: | | CREOSOTE | | | | |
| <u>Hazardous Waste Handler Details</u> | | | | | | |
| Seq No: | | 9 | | | | |
| Receive Date: | | 20170203 | | | | |
| Handler Name: | | CSX TRANSPORTATION | | | | |
| Fed Waste Generator: | | 3 | | | | |
| Generator Code Description: | | Very Small Quantity Generator | | | | |
| Source Type: | | Notification | | | | |
| <u>Waste Code Details</u> | | | | | | |
| Waste Code: | | D002 | | | | |
| Waste Code Desc: | | CORROSIVE WASTE | | | | |
| Waste Code: | | U051 | | | | |
| Waste Code Desc: | | CREOSOTE | | | | |
| <u>Hazardous Waste Handler Details</u> | | | | | | |
| Seq No: | | 10 | | | | |
| Receive Date: | | 20170828 | | | | |
| Handler Name: | | CSX TRANSPORTATION | | | | |
| Fed Waste Generator: | | 3 | | | | |
| Generator Code Description: | | Very Small Quantity Generator | | | | |
| Source Type: | | Notification | | | | |
| <u>Waste Code Details</u> | | | | | | |
| Waste Code: | | D002 | | | | |
| Waste Code Desc: | | CORROSIVE WASTE | | | | |
| Waste Code: | | U051 | | | | |
| Waste Code Desc: | | CREOSOTE | | | | |
| <u>Hazardous Waste Handler Details</u> | | | | | | |
| Seq No: | | 11 | | | | |
| Receive Date: | | 20180122 | | | | |
| Handler Name: | | CSX TRANSPORTATION | | | | |
| Fed Waste Generator: | | 3 | | | | |
| Generator Code Description: | | Very Small Quantity Generator | | | | |
| Source Type: | | Notification | | | | |
| <u>Waste Code Details</u> | | | | | | |
| Waste Code: | | D002 | | | | |
| Waste Code Desc: | | CORROSIVE WASTE | | | | |
| Waste Code: | | U051 | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|----------------------|-----------|---------------------|-------------------|------|----|
|---------|----------------------|-----------|---------------------|-------------------|------|----|

| | |
|------------------|----------|
| Waste Code Desc: | CREOSOTE |
|------------------|----------|

Owner/Operator Details

| | | | |
|----------------------------|-------------------------|-------------------|-------------------|
| Owner/Operator Ind: | Current Operator | Street No: | |
| Type: | Private | Street1: | 500 WATER ST |
| Name: | CSX TRANSPORTATION INC. | Street2: | |
| Dt Became Current: | 20010101 | City: | JACKSONVILLE |
| Dt Ended Current: | | State: | FL |
| Phone: | 904-359-4800 | Country: | US |
| Source Type: | Notification | Zip: | 32202 |
| Owner/Operator Ind: | Current Owner | Street No: | |
| Type: | Private | Street1: | 500 WATER ST |
| Name: | CSX TRANSPORTATION INC. | Street2: | |
| Dt Became Current: | | City: | JACKSONVILLE |
| Dt Ended Current: | | State: | FL |
| Phone: | 904-359-4800 | Country: | |
| Source Type: | Notification | Zip: | 32202 |
| Owner/Operator Ind: | Current Operator | Street No: | |
| Type: | Private | Street1: | OPERSTREET |
| Name: | OPERNAME | Street2: | |
| Dt Became Current: | | City: | OPERCITY |
| Dt Ended Current: | | State: | WY |
| Phone: | 404-555-1212 | Country: | |
| Source Type: | Notification | Zip: | 99999 |
| Owner/Operator Ind: | Current Operator | Street No: | 500 |
| Type: | Private | Street1: | WATER ST J265 |
| Name: | CHARLES E HICKS | Street2: | |
| Dt Became Current: | 20030228 | City: | JACKSONVILLE |
| Dt Ended Current: | | State: | FL |
| Phone: | 904-359-4800 | Country: | US |
| Source Type: | Notification | Zip: | 32202 |
| Owner/Operator Ind: | Current Owner | Street No: | |
| Type: | Private | Street1: | 500 WATER ST J275 |
| Name: | CSX TRANSPORTATION INC. | Street2: | |
| Dt Became Current: | | City: | JACKSONVILLE |
| Dt Ended Current: | | State: | FL |
| Phone: | 904-359-4800 | Country: | US |
| Source Type: | Notification | Zip: | 32202 |
| Owner/Operator Ind: | Current Operator | Street No: | |
| Type: | Private | Street1: | 500 WATER ST J275 |
| Name: | CSX TRANSPORTATION INC. | Street2: | |
| Dt Became Current: | | City: | JACKSONVILLE |
| Dt Ended Current: | | State: | FL |
| Phone: | 904-359-4800 | Country: | US |
| Source Type: | Notification | Zip: | 32202 |

Historical Handler Details

| | |
|------------------------------------|-------------------------------|
| Receive Dt: | 20170828 |
| Generator Code Description: | Very Small Quantity Generator |
| Handler Name: | CSX TRANSPORTATION |
| Receive Dt: | 20170203 |
| Generator Code Description: | Very Small Quantity Generator |
| Handler Name: | CSX TRANSPORTATION |
| Receive Dt: | 20160301 |
| Generator Code Description: | Not a Generator, Verified |
| Handler Name: | CSX TRANSPORTATION |
| Receive Dt: | 20151102 |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|----------------------------------------------------------------------------------|-------------------|-----------------------------------------------------------------|------------------------------|----------------|------------------------------------------------|--------|
| Generator Code Description: Handler Name: | | Large Quantity Generator CSX TRANSPORTATION | | | | |
| Receive Dt: Generator Code Description: Handler Name: | | 20110509 Small Quantity Generator CSX TRANSPORTATION | | | | |
| Receive Dt: Generator Code Description: Handler Name: | | 20050228 Very Small Quantity Generator CSX TRANSPORTATION | | | | |
| Receive Dt: Generator Code Description: Handler Name: | | 20040302 Very Small Quantity Generator CSX TRANSPORTATION | | | | |
| Receive Dt: Generator Code Description: Handler Name: | | 20030228 Very Small Quantity Generator CSX TRANSPORTATION | | | | |
| Receive Dt: Generator Code Description: Handler Name: | | 20020312 Very Small Quantity Generator CSX TRANSPORTATION | | | | |
| Receive Dt: Generator Code Description: Handler Name: | | 19980923 Very Small Quantity Generator CSX TRANSPORTATION | | | | |
| <u>1</u> | 6 of 7 | SW | 0.12 / 613.33 | 141.00 / -3 | CSX RAILYARD 100 OAKLAND AVE FLORENCE SC | SPILLS |
| Incident EID: | | 170773872 | Costal CBE Program: | | No | |
| Incident No: | | 201804011 | Site Water Body: | | | |
| Incident Sub Type: | | Oil | SW Affected: | | | |
| District Log No: | | | Transp Related: | | | |
| DHEC Notified Dt: | | 09/27/2018 | Region Name: | | Florence EQC Office | |
| DHEC Notifi Time: | | 2:15 PM | PRP Last Name: | | CSX TRANSPORTATION FLORENCE YD | |
| Observed Date: | | | PRP First Name: | | | |
| Observed Time: | | | Rcvd By L Name: | | REEP | |
| Occurred Date: | | 09/27/2018 | Rcvd By F Name: | | TONYA | |
| Occurred Time: | | 1:48 PM | Rev Last Nm: | | REEP | |
| Created Date: | | 27-SEP-18 | Revi First Nm: | | TONYA | |
| Updated Date: | | 06-NOV-18 | Lead Investig L Name: | | | |
| Duration: | | | Lead Investig F Name: | | | |
| County: | | Florence | Caller Organization: | | | |
| Caller Last Name: | | | Caller First Name: | | | |
| Caller Phone: | | | Caller Extension: | | | |
| Spills Water Body: | | | | | | |
| PRP Name: | | | | | | |
| Spills: | | | | | | |
| <u>1</u> | 7 of 7 | SW | 0.12 / 613.33 | 141.00 / -3 | 100 Oakland Ave FLORENCE SC | HMIRS |
| Incident County: | | FLORENCE | | | | |
| <u>HMIR Historical Reports</u> | | | | | | |
| Report No: | | I-2005060240 | Fed DOT Agency Nm: | | | |
| Report Type: | | A hazardous material incident | Fed DOT Report No: | | | |
| Date of Incident: | | 2005-05-16 | Report Submit Src: | | Paper | |
| Time of Incident: | | 0800 | Inc Multiple Rows: | | No | |
| Haz Class Code: | | | Inc Non US State: | | | |
| Hazardous Class: | | 3 | Mode Transport: | | Rail | |
| Commodity Short Nm: | | FUEL, AVIATION, TURBINE | Transport Phase: | | In Transit | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-----------|------------------|----------------|-------------------------------|---------------------------|
| Commodity Long Nm: | FUEL, AVIATION, TURBINE ENGINE | | | | Incident Occrrnce: | |
| Trade Name: | | | | | Mat Ship Approval?: | Yes |
| ID No: | UN1863 | | | | Mat Ship Approv No: | DOT-E7616 |
| Haz Waste Ind: | No | | | | Undecl Hazmat Ship?: | No |
| Haz Waste EPA No: | | | | | Packaging Type: | Tank Car |
| HMIS Tox Inhalation?: | No | | | | Packing Group: | III |
| TIH Hazard Zone: | | | | | Carrier Reporter: | CSX TRANSPORTATION INC |
| Qty Released: | 4 | | | | CR Street Name: | 500 WATER STREET |
| Unit of Measure: | Liquid - Gallon | | | | CR City: | JACKSONVILLE |
| What Failed: | 106; ; | | | | CR State: | FL |
| What Failed Desc: | Bottom Outlet Valve; ; | | | | CR Postal Code: | 32202 |
| How Failed Code: | 308; ; | | | | CR Non US State: | |
| How Failed Desc: | Leaked; ; | | | | CR Fed DOT ID: | 29619 |
| Failure Cause Code: | 517; 521; 526 | | | | CR Hazmat Reg ID: | 060302013006KM |
| Failure Cause Desc: | Improper Preparation for Transportation; Inadequate Preparation for Transportation; Loose Closure, Component, or Device | | | | CR Country: | US |
| Ident. Markings: | DOT111A100W1 | | | | Shipper Name: | US GOVERNMENT |
| Cont1 Pkging Type: | | | | | Shipper Street Name: | 321 CULLEN ST SHAW AFB SC |
| Cont1 Const Mat: | | | | | Shipper City: | SHAW A F B |
| Cont1 Head Type: | | | | | Shipper State: | SC |
| Cont1 Pkg Capacity: | 20433 | | | | Shipper Postal: | 29152 |
| C1 Capacity UOM: | LGA | | | | Shipper Non US St: | |
| Cont1 Pkg Amt: | 10 | | | | Shipper Country: | US |
| C1 Pkg Amt UOM: | LGA | | | | Shipper Waybill: | 712-012461-680512 |
| Cont1 Pkg No: | 1 | | | | Ship Hazmat Reg ID: | |
| C1 Pkg NO Failed: | 1 | | | | Origin City: | |
| Cont1 Pkg Mnfctr: | DODX | | | | Origin State: | |
| Cont1 Pkg Mnfc Dt: | 0-00-00 00:00:00 | | | | Origin Postal: | |
| Cont1 Pkg Serial NO: | 14271 | | | | Origin Non US St: | |
| C1 Pkg Last Test Dt: | 0-00-00 00:00:00 | | | | Origin Country: | US |
| C1 Test Const Mat: | | | | | Destination City: | UNKNOWN |
| C1 Pkg Dsign Pres.: | 100 | | | | Destination State: | SOUTH CAROLINA |
| C1 Dsign Press UOM: | PSI | | | | Destination Postal: | UNKNOWN |
| C1 Pkg Shell Thick: | 0.438 | | | | Destination Non US: | |
| C1 Shell Thick UOM: | INCH | | | | Destination Country: | US |
| C1 Head Thickness: | 0.438 | | | | Cont2 Package Type: | |
| C1 Head Thick UOM: | INCH | | | | Cont2 Const Mat: | |
| C1 Pkg Srvs Pres.: | 0 | | | | Cont2 Pkg Capacity: | 0 |
| C1 Srvs Press UOM: | | | | | Cont2 Capacity UOM: | |
| C1 Valve/Device Fail?: | No | | | | Cont2 Pkg Amount: | 0 |
| C1 Device Type: | WAFERSPHERE | | | | Cont2 Pkg Amt UOM: | |
| C1 Device Mnfctr: | JAMESBURY | | | | Cont2 Pkg No: | 0 |
| C1 Device Model: | | | | | Cont2 Pkg No Failed: | 0 |
| NRC No: | | | | | | |
| 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: | No |
| Fire Result: | No | | | | Estimated Speed: | 0 |
| Explosion Result: | No | | | | Weather Conditions: | |
| Water Sewer Result: | No | | | | Vehicle Overturn: | No |
| Gas Dispersion: | No | | | | Vehicle Left Roadway: | No |
| Environment Damage: | No | | | | Passenger Aircraft: | No |
| No Release Result: | No | | | | Cargo Baggage: | |
| Fire EMS Report: | No | | | | 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 |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------|----------------|-------------------------------|---------------------------|
| Other Cleanup: | Yes | | | | Contact Name: | ROMANO DE SIMONE |
| Damage > 500: | No | | | | Contact Title: | DIRECTOR, CHEMICAL SAFETY |
| Material Loss: | 0 | | | | Contact Business: | CSX TRANSPORTATION |
| Carrier Damage: | 0 | | | | Contact Street: | 500 WATER ST. |
| Property Damage: | 0 | | | | Contact City: | JACKSONVILLE |
| Response Cost: | 0 | | | | Contact State: | FL |
| Remediation Cost: | 0 | | | | Contact Postal: | 32202 |
| Damage Old Form: | 0 | | | | Contact Non US St: | |
| Total Damages Amt: | 0 | | | | Contact Country: | US |
| Hazmat Fatality: | No | | | | Inc. Report Prepared: | Carrier |
| Haz Fatal Employees: | 0 | | | | HMIS Serious Incidnt: | No |
| 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: | No |
| Haz Hospital Empl: | 0 | | | | HMIS Marine Pollutnt: | No |
| Haz Hospital Resp: | 0 | | | | HMIS Radioactive: | No |
| Haz Hosp Gen Public: | 0 | | | | HMIS Gen Pkg Type: | TANK CAR |
| Haz Hosp Old Form: | 0 | | | | HMIS Container Code: | 111AW |
| Total Haz Hosp Inj: | 0 | | | | HMIS Container Desc: | Non-pressure |
| Haz Non Hosp Empl: | 0 | | | | HMIS Bulk Incident: | Yes |
| Haz Non Hosp Resp: | 0 | | | | Undeclared Shipment: | No |
| Description of Events: | <p>AT 0800 HOURS ON MONDAY, MAY 16TH TANK CAR DODX14271 WAS OBSERVED BY A CSX MECHANICAL DEPARTMENT EMPLOYEE LEAKING PRODUCT OUT OF BOTTOM OUTLET VALVE. THE AREA AROUND THE RAIL CAR WAS ISOLATED AND HAZARDOUS MATERIAL MANAGER HOPES WAS CONTACTED TO SECURE CONTAINER. INVESTIGATION REVEALS THE CAUSE OF THE RELEASE WAS DUE TO IMPROPER PREPARATION FOR SHIPMENT. THE JAMESBURY WAFERSPHERE VALVE HANDLE WAS NOT PINNED IN THE CLOSED POSITION AS REQUIRED. THE VALVE WAS OPEN DURING TRANSIT AND THE BOTTOM OUTLET CAP WAS FOUND LESS THAN TOOL TIGHT. THE COMBINATION OF THESE ERRORS ALLOWED THE RELEASE OF APPROXIMATELY FOUR (4) GALLONS OF AVIATION FUEL. THE PRIMARY AND SECONDARY CLOSURES WERE PROPERLY SECURED AND A CABLE SEAL WAS APPLIED TO THE VALVE HANDLE RETAINING PIN. THE RELEASE WAS CLEANED UP UTILIZING SORBANT MATERIAL. AS ADDITIONAL INFORMATION, SEVEN (7) OF EIGHT (8) MANWAY SECUREMENT BOLTS WERE FOUND LESS THAN TOOL TIGHT. THE CAR WAS PROPERLY SECURED THEN RELEASED TO DESTINATION.</p> | | | | | |

Recommend Actions Taken:

HMIR Historical Reports

| | | | |
|------------------------------|------------------------------------------------------|-----------------------------|------------------------|
| Report No: | I-2005110750 | Fed DOT Agency Nm: | |
| Report Type: | A hazardous material incident | Fed DOT Report No: | |
| Date of Incident: | 2005-10-25 | Report Submit Src: | Paper |
| Time of Incident: | 1448 | Inc Multiple Rows: | No |
| Haz Class Code: | | Inc Non US State: | |
| Hazardous Class: | 9 | Mode Transport: | Rail |
| Commodity Short Nm: | ENVIRONMENTALLY HAZARDOU | Transport Phase: | In Transit |
| Commodity Long Nm: | ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. | Incident Occrrnce: | |
| Trade Name: | ETHYLENE GLYCOL | Mat Ship Approval?: | No |
| ID No: | UN3082 | Mat Ship Approv No: | |
| Haz Waste Ind: | No | Undecl Hazmat Ship?: | No |
| Haz Waste EPA No: | | Packaging Type: | Tank Car |
| HMIS Tox Inhalation?: | No | Packing Group: | III |
| TIH Hazard Zone: | | Carrier Reporter: | CSX TRANSPORTATION INC |
| Qty Released: | 0.25 | CR Street Name: | 500 WATER STREET |
| Unit of Measure: | Liquid - Gallon | CR City: | JACKSONVILLE |
| What Failed: | 121 | CR State: | FL |
| What Failed Desc: | Gasket | CR Postal Code: | 32202 |
| How Failed Code: | 308 | CR Non US State: | |
| How Failed Desc: | Leaked | CR Fed DOT ID: | 29619 |
| Failure Cause Code: | 528 | CR Hazmat Reg ID: | 061605550027NP |
| Failure Cause Desc: | Missing Component or Device | CR Country: | US |
| Ident. Markings: | DOT 111A100W1 | Shipper Name: | EQUISTAR CHEMICALS LP |
| Cont1 Pkging Type: | | Shipper Street Name: | 3510 GULF STATES ROAD |
| Cont1 Const Mat: | | Shipper City: | BEAUMONT |
| Cont1 Head Type: | | Shipper State: | TX |
| Cont1 Pkg Capacity: | 21018 | Shipper Postal: | 77701 |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|------------------------|---------------------|-----------|------------------|----------------|------------------------|----------------------------|
| C1 Capacity UOM: | LGA | | | | Shipper Non US St: | |
| Cont1 Pkg Amt: | 19126 | | | | Shipper Country: | US |
| C1 Pkg Amt UOM: | LGA | | | | Shipper Waybill: | 712-049450-845091 |
| Cont1 Pkg No: | 1 | | | | Ship Hazmat Reg ID: | |
| C1 Pkg NO Failed: | 1 | | | | Origin City: | |
| Cont1 Pkg Mnfr: | SHPX | | | | Origin State: | |
| Cont1 Pkg Mnfr Dt: | 2000-02-01 00:00:00 | | | | Origin Postal: | |
| Cont1 Pkg Serial NO: | 203056 | | | | Origin Non US St: | |
| C1 Pkg Last Test Dt: | 2000-02-01 00:00:00 | | | | Origin Country: | US |
| C1 Test Const Mat: | | | | | Destination City: | DARLINGTON |
| C1 Pkg Dsign Pres.: | 100 | | | | Destination State: | SOUTH CAROLINA |
| C1 Dsign Press UOM: | PSI | | | | Destination Postal: | 29532 |
| C1 Pkg Shell Thick: | 0.438 | | | | Destination Non US: | |
| C1 Shell Thick UOM: | INCH | | | | Destination Country: | US |
| C1 Head Thickness: | 0.438 | | | | Cont2 Package Type: | |
| C1 Head Thick UOM: | INCH | | | | Cont2 Const Mat: | |
| C1 Pkg Srvs Pres.: | 0 | | | | Cont2 Pkg Capacity: | 0 |
| C1 Srvs Press UOM: | | | | | Cont2 Capacity UOM: | |
| C1 Valve/Device Fail?: | No | | | | Cont2 Pkg Amount: | 0 |
| C1 Device Type: | | | | | Cont2 Pkg Amt UOM: | |
| C1 Device Mnfr: | | | | | Cont2 Pkg No: | 0 |
| C1 Device Model: | | | | | Cont2 Pkg No Failed: | 0 |
| NRC No: | | | | | | |
| 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: | No |
| Fire Result: | No | | | | Estimated Speed: | 0 |
| Explosion Result: | No | | | | Weather Conditions: | |
| Water Sewer Result: | No | | | | Vehicle Overturn: | No |
| Gas Dispersion: | No | | | | Vehicle Left Roadway: | No |
| Environment Damage: | No | | | | Passenger Aircraft: | No |
| No Release Result: | No | | | | Cargo Baggage: | |
| Fire EMS Report: | No | | | | 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: | ROMANO DE SIMONE |
| Damage > 500: | Yes | | | | Contact Title: | DIRECTOR - CHEMICAL SAFETY |
| Material Loss: | 0 | | | | Contact Business: | CSX Transportation |
| Carrier Damage: | 0 | | | | Contact Street: | 500 Water Street J875 |
| Property Damage: | 0 | | | | Contact City: | JACKSONVILLE |
| Response Cost: | 3500 | | | | Contact State: | FL |
| Remediation Cost: | 0 | | | | Contact Postal: | 32202 |
| Damage Old Form: | 0 | | | | Contact Non US St: | |
| Total Damages Amt: | 3500 | | | | Contact Country: | US |
| Hazmat Fatality: | No | | | | Inc. Report Prepared: | Carrier |
| Haz Fatal Employees: | 0 | | | | HMIS Serious Incidnt: | No |
| 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: | No |
| Haz Hospital Empl: | 0 | | | | HMIS Marine Pollutnt: | No |
| Haz Hospital Resp: | 0 | | | | HMIS Radioactive: | No |
| Haz Hosp Gen Public: | 0 | | | | HMIS Gen Pkg Type: | TANK CAR |
| Haz Hosp Old Form: | 0 | | | | HMIS Container Code: | 111AW |
| Total Haz Hosp Inj: | 0 | | | | HMIS Container Desc: | Non-pressure |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

| | | | | | | |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|----------------------|-----|
| Haz Non Hosp Empl: | 0 | | | | HMIS Bulk Incident: | Yes |
| Haz Non Hosp Resp: | 0 | | | | Undeclared Shipment: | No |
| Description of Events: | CSX TRANSPORTATION'S HAZARDOUS MATERIAL DEPARTMENT WAS ADVISED THAT FRA INSPECTOR SNYDER TOOK EXCEPTION TO 3 TANK CARS AT CSXT'S RAIL YARD IN FLORENCE, SC FOR LOOSE FITTINGS. THE SHIPPERS OF THE 3 CARS WERE NOTIFIED VIA CHEMTREC. RESCAR WAS RESPONDED TO MAKE REPAIRS ON 10/26/05. WHILE MAKING THE REPAIRS, THE RESCAR TECHNICIAN DISCOVERED THAT SHPX 203056, LOAD ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, NOS (ETHYLENE GLYCOL), DID NOT HAVE A MANWAY COVER GASKET AND THERE WAS WETNESS ON TOP OF THE CAR INDICATING THAT PRODUCT HAD SLOSHED OUT OF THE CAR. RESCAR INSTALLED A MANWAY COVER GASKET AND SECURED THE MANWAY WRENCH TIGHT. THE CAR WAS RELEASED TO CONTINUE TO DESTINATION. THE SHIPPER, LYONDALE CHEMICAL WAS NOTIFIED OF THE CAUSE AND SOURCE OF THE PRODUCT RELEASE. | | | | | |

Recommend Actions Taken:

HMIR Historical Reports

| | | | |
|------------------------|-------------------------------|----------------------|------------------------|
| Report No: | I-2005081485 | Fed DOT Agency Nm: | |
| Report Type: | A hazardous material incident | Fed DOT Report No: | |
| Date of Incident: | 2005-07-29 | Report Submit Src: | Paper |
| Time of Incident: | 0935 | Inc Multiple Rows: | No |
| Haz Class Code: | | Inc Non US State: | |
| Hazardous Class: | 8 | Mode Transport: | Rail |
| Commodity Short Nm: | SULFURIC ACID | Transport Phase: | In Transit |
| Commodity Long Nm: | SULFURIC ACID | Incident Occrrnce: | |
| Trade Name: | | Mat Ship Approval?: | No |
| ID No: | UN1830 | Mat Ship Approv No: | |
| Haz Waste Ind: | No | Undecl Hazmat Ship?: | No |
| Haz Waste EPA No: | | Packaging Type: | Tank Car |
| HMIS Tox Inhalation?: | No | Packing Group: | II |
| TIH Hazard Zone: | | Carrier Reporter: | CSX TRANSPORTATION INC |
| Qty Released: | 5 | CR Street Name: | 500 WATER STREET |
| Unit of Measure: | Liquid - Gallon | CR City: | JACKSONVILLE |
| What Failed: | 119 | CR State: | FL |
| What Failed Desc: | Frangible Disc | CR Postal Code: | 32202 |
| How Failed Code: | 303 | CR Non US State: | |
| How Failed Desc: | Burst or Ruptured | CR Fed DOT ID: | 29619 |
| Failure Cause Code: | 530 | CR Hazmat Reg ID: | 061605550027NP |
| Failure Cause Desc: | Over-pressurized | CR Country: | US |
| Ident. Markings: | DOT 111A100W2 | Shipper Name: | U S WASTE INDUSTRIES |
| Cont1 Pkging Type: | | Shipper Street Name: | 454 YORK STREET |
| Cont1 Const Mat: | | Shipper City: | ELIZABETH |
| Cont1 Head Type: | | Shipper State: | NJ |
| Cont1 Pkg Capacity: | 13977 | Shipper Postal: | 07201 |
| C1 Capacity UOM: | LGA | Shipper Non US St: | |
| Cont1 Pkg Amt: | 13500 | Shipper Country: | US |
| C1 Pkg Amt UOM: | LGA | Shipper Waybill: | |
| Cont1 Pkg No: | 1 | Ship Hazmat Reg ID: | |
| C1 Pkg NO Failed: | 1 | Origin City: | |
| Cont1 Pkg Mnfctr: | GATX | Origin State: | |
| Cont1 Pkg Mnfc Dt: | 1989-09-01 00:00:00 | Origin Postal: | |
| Cont1 Pkg Serial NO: | 7292 | Origin Non US St: | |
| C1 Pkg Last Test Dt: | 2000-01-01 00:00:00 | Origin Country: | US |
| C1 Test Const Mat: | | Destination City: | HARTSVILLE |
| C1 Pkg Dsign Pres.: | 100 | Destination State: | SOUTH CAROLINA |
| C1 Dsign Press UOM: | PSI | Destination Postal: | 29550 |
| C1 Pkg Shell Thick: | 0.563 | Destination Non US: | |
| C1 Shell Thick UOM: | INCH | Destination Country: | US |
| C1 Head Thickness: | 0.563 | Cont2 Package Type: | |
| C1 Head Thick UOM: | INCH | Cont2 Const Mat: | |
| C1 Pkg Srvs Pres.: | 0 | Cont2 Pkg Capacity: | 0 |
| C1 Srvs 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: | | | |
| RAM Pkg Category: | | Haz NonHosp Public: | 0 |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|------------------------|-------------------|-----------|------------------|----------------|------------------------|----------------------------|
| 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: | No |
| Fire Result: | No | | | | Estimated Speed: | 0 |
| Explosion Result: | No | | | | Weather Conditions: | |
| Water Sewer Result: | No | | | | Vehicle Overturn: | No |
| Gas Dispersion: | No | | | | Vehicle Left Roadway: | No |
| Environment Damage: | No | | | | Passenger Aircraft: | No |
| No Release Result: | No | | | | Cargo Baggage: | |
| Fire EMS Report: | No | | | | 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: | ROMANO DESIMONE |
| Damage > 500: | Yes | | | | Contact Title: | DIRECTOR - CHEMICAL SAFETY |
| Material Loss: | 0 | | | | Contact Business: | CSX TRANSPORTATION |
| Carrier Damage: | 0 | | | | Contact Street: | 500 WATER STREET |
| Property Damage: | 0 | | | | Contact City: | JACKSONVILLE |
| Response Cost: | 3000 | | | | Contact State: | FL |
| Remediation Cost: | 0 | | | | Contact Postal: | 32202 |
| Damage Old Form: | 0 | | | | Contact Non US St: | |
| Total Damages Amt: | 3000 | | | | Contact Country: | US |
| Hazmat Fatality: | No | | | | Inc. Report Prepared: | Carrier |
| Haz Fatal Employees: | 0 | | | | HMIS Serious Incidnt: | No |
| 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: | No |
| Haz Hospital Empl: | 0 | | | | HMIS Marine Pollutnt: | No |
| Haz Hospital Resp: | 0 | | | | HMIS Radioactive: | No |
| Haz Hosp Gen Public: | 0 | | | | HMIS Gen Pkg Type: | TANK CAR |
| Haz Hosp Old Form: | 0 | | | | HMIS Container Code: | 111AW |
| Total Haz Hosp Inj: | 0 | | | | HMIS Container Desc: | Non-pressure |
| Haz Non Hosp Empl: | 0 | | | | HMIS Bulk Incident: | Yes |
| Haz Non Hosp Resp: | 0 | | | | Undeclared Shipment: | No |
| Description of Events: | | | | | | |

ON FRIDAY, JULY 29TH TANK CAR GATX 7292 (LOAD - SULFURIC ACID) WAS REPORTED WITH WETNESS ON SIDES OF CAR BY A MECHANICAL DEPARTMENT EMPLOYEE AT CSX TRANSPORTATION'S FLORENCE, SOUTH CAROLINA. THE RAILCAR WAS ISOLATED AS PER OUR EMERGENCY RESPONSE PLAN. CSXT'S HAZARDOUS MATERIALS DEPARTMENT RESPONDED AN EMERGENCY RESPONSE CONTRACTOR TO INSPECT AND REPAIR THE CONTAINER. THE SHIPPER, US WASTE INDUSTRIES, WAS NOTIFIED OF THE INCIDENT. ONCE ON SITE, THE CONTRACTOR DETERMINED THAT THE NON-RECLOSING PRESSURE RELIEF DEVICE 165 POUND FRANGIBLE DISC HAD FAILED. THE CONTRACTOR DID NOT HAVE A REPLACEMENT DISC IN STOCK. THE SHIPPER WAS CONTACTED TO OBTAIN A REPLACEMENT DISK, HOWEVER THEY ALSO DID NOT HAVE THE CORRECT DISC READILY AVAILABLE. THE CONTRACTOR WASHED DOWN THE SIDES OF THE CAR AND NEUTRALIZED THE SMALL AREA UNDER THE CAR WHERE ACID HAD DRIPPED ONTO THE BALLAST MEDIA. ARRANGEMENTS WERE MADE TO OVERNIGHT A REPLACEMENT DISC TO THE CONTRACTOR. THE FRANGIBLE DISC WAS REPLACED ON SATURDAY, JULY 30TH AND THE CAR WAS RELEASED TO DESTINATION.

Recommend Actions Taken:

HMIR Historical Reports

Report No: E-2020070452
Report Type: A hazardous material incident
Date of Incident: 2020-07-20
Time of Incident: 1544
Haz Class Code:

Fed DOT Agency Nm:
Fed DOT Report No:
Report Submit Src: Web
Inc Multiple Rows: No
Inc Non US State:

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|-------------------------------|-------------------------------------------------|-----------|------------------|----------------|-------------------------------|--------------------|
| Hazardous Class: | 8 | | | | Mode Transport: | Rail |
| Commodity Short Nm: | SULFURIC ACID WITH MORE | | | | Transport Phase: | In Transit |
| Commodity Long Nm: | SULFURIC ACID WITH MORE THAN 51 PERCENT ACID | | | | Incident Occrrnce: | |
| Trade Name: | Sulfuric Acid | | | | Mat Ship Approval?: | No |
| ID No: | UN1830 | | | | Mat Ship Approv No: | |
| Haz Waste Ind: | No | | | | Undecl Hazmat Ship?: | No |
| Haz Waste EPA No: | | | | | Packaging Type: | Tank Car |
| HMIS Tox Inhalation?: | No | | | | Packing Group: | II |
| TIH Hazard Zone: | | | | | Carrier Reporter: | CSX TRANSPORTATION |
| Qty Released: | 10 | | | | CR Street Name: | 500 WATER STREET |
| Unit of Measure: | Liquid - Gallon | | | | CR City: | JACKSONVILLE |
| What Failed: | 143 | | | | CR State: | FL |
| What Failed Desc: | Pressure Relief Valve or Device - Non-Reclosing | | | | CR Postal Code: | 32202 |
| How Failed Code: | 313 | | | | CR Non US State: | |
| How Failed Desc: | Vented | | | | CR Fed DOT ID: | 29619 |
| Failure Cause Code: | 508 | | | | CR Hazmat Reg ID: | |
| Failure Cause Desc: | Defective Component or Device | | | | CR Country: | US |
| Ident. Markings: | GATX18805 | | | | Shipper Name: | Norfalco LLC |
| Cont1 Pkging Type: | | | | | Shipper Street Name: | 330 Madison Ave |
| Cont1 Const Mat: | | | | | Shipper City: | New York |
| Cont1 Head Type: | | | | | Shipper State: | NY |
| Cont1 Pkg Capacity: | 13792 | | | | Shipper Postal: | 10017 |
| C1 Capacity UOM: | LGA | | | | Shipper Non US St: | |
| Cont1 Pkg Amt: | 13379 | | | | Shipper Country: | US |
| C1 Pkg Amt UOM: | LGA | | | | Shipper Waybill: | 712-013015-816490 |
| Cont1 Pkg No: | 1 | | | | Ship Hazmat Reg ID: | |
| C1 Pkg NO Failed: | 1 | | | | Origin City: | SAVANNAH |
| Cont1 Pkg Mnfctr: | | | | | Origin State: | GA |
| Cont1 Pkg Mnfc Dt: | 1974-07-01 00:00:00 | | | | Origin Postal: | 31419 |
| Cont1 Pkg Serial NO: | | | | | Origin Non US St: | |
| C1 Pkg Last Test Dt: | 2016-11-02 00:00:00 | | | | Origin Country: | US |
| C1 Test Const Mat: | | | | | Destination City: | UNKNOWN |
| C1 Pkg Dsign Pres.: | 100 | | | | Destination State: | SOUTH CAROLINA |
| C1 Dsign Press UOM: | PSI | | | | Destination Postal: | UNKNOWN |
| C1 Pkg Shell Thick: | 0.562 | | | | Destination Non US: | |
| C1 Shell Thick UOM: | INCH | | | | Destination Country: | US |
| C1 Head Thickness: | 0.562 | | | | Cont2 Package Type: | |
| C1 Head Thick UOM: | INCH | | | | 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: | | | | | | |
| 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: | 1 |
| 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: | No |
| Fire Result: | No | | | | Estimated Speed: | 0 |
| Explosion Result: | No | | | | Weather Conditions: | |
| Water Sewer Result: | No | | | | Vehicle Overturn: | No |
| Gas Dispersion: | No | | | | Vehicle Left Roadway: | No |
| Environment Damage: | No | | | | Passenger Aircraft: | No |
| No Release Result: | No | | | | Cargo Baggage: | |
| Fire EMS Report: | No | | | | Ship Non Transport: | No |
| Fire EMS EMS Report: | | | | | Ship Air First Flight: | No |
| Police Report: | No | | | | Ship Air Subflight: | No |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------|------|----|
| <div> <div> Police Report No: In House Cleanup: Yes Other Cleanup: No Damage > 500: No Material Loss: 0 Carrier Damage: 0 Property Damage: 0 Response Cost: 0 Remediation Cost: 0 Damage Old Form: 0 Total Damages Amt: 0 Hazmat Fatality: No Haz Fatal Employees: 0 Haz Fatal Respndrs: 0 Haz Fatal Gen Public: 0 Tot Hazmat Fatalities: 0 Non Hazmat Fatality: No Non Hazmat Fataals: 0 Hazmat Injury: Yes Haz Hospital Empl: 1 Haz Hospital Resp: 0 Haz Hosp Gen Public: 0 Haz Hosp Old Form: 0 Total Haz Hosp Inj: 1 Haz Non Hosp Empl: 0 Haz Non Hosp Resp: 0 Description of Events: </div> <div> Ship Init Transport: No Ship Phase Transfer: No Contact Name: CHRIS MACHENBERG Contact Title: DIRECTOR HAZARDOUS MATERIALS Contact Business: CSX CORPORATION Contact Street: 500 WATER ST FL 15 Contact City: JACKSONVILLE Contact State: FL Contact Postal: 32202-4423 Contact Non US St: Contact Country: US Inc. Report Prepared: Carrier HMIS Serious Incidnt: Yes HMIS Serious Fatality: No HMIS Serious Injury: Yes HMIS Flight Plan: No HMIS Serious Evacs: No HMIS Major Artery: No HMIS Bulk Release: No HMIS Marine Pollutnt: No HMIS Radioactive: No HMIS Gen Pkg Type: TANK CAR HMIS Container Code: TANK CAR HMIS Container Desc: Railroad tank car HMIS Bulk Incident: Yes Undeclared Shipment: No </div> </div> | | | | | | |
| Recommend Actions Taken: | | On July 20, 2020 at 1544 hours EST CSXT personnel in the Florence Yard (Florence, SC) discovered GATX18805, a loaded tank car of Sulfuric Acid leaking from top of the car. The car was isolated and the shipper, Norfalco was notified. HEPACO, a CSXT response contractor, responded and found product on the top and sides of the tank car. The issue was identified and corrective actions were communicated to the shipper, Norfalco (Yves Gilbert 450-601-7403). HEPACO replaced both gaskets (Teflon – top and Butyl – bottom) and put a new rupture disk into the Midland rupture disk assembly. (NAR cause code:439 5 What Failed: Non-Reclosing Pressure Relief Device Where Failed: Opening in center of pressure relief device or under pressure relief cap/cover Why Failed: Frangible disc corroded) | | | | |

| | | | | | | |
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| <u>2</u> | 1 of 2 | NNE | 0.22 / 1,168.25 | 147.46 / 4 | OAKLAND MINI MART 1101 OAKLAND AVE FLORENCE SC 29506-6605 | UST |
| <div> <div> Site No: 12733 Permit: N 12733 Category: Retail Sales No of Tanks: 3 Billable: 0 Abandoned: 3 Other: 0 Last Inspection: 4/4/1997 Facility Name: OAKLAND MINI MART Facility Address: 1101 OAKLAND AVE Facility Zip: 29506-6605 Facility Phone: Facility State: SC Facility City: FLORENCE County Code: 21 Business Address: 1101 OAKLAND AVE FLORENCE SC 29506-6605 Tank Owner Business Address: MCDOWELL, MARION J 1120 N ELMGROVE AVE FLORENCE SC 29506-6310 Land Owner Business Address: Operator Business Address: Facility Link: https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/12733 Source: DHEC Underground Storage Tank Registry (Web); DHEC Management Tracking UST 'C' List </div> <div> Facility ID (Prohib): Fac Name (Prohib): Fac Addr (Prohib): Fac City (Prohib): Facility Name (Web): OAKLAND MINI MART Facility Addr (Web): 1101 OAKLAND AVE Facility City (Web): FLORENCE Zip Code (Web): 29506-6605 County (Web): Phone (Web): Tank Owner Phone: 803-662-9028 Land Owner Phone: Operator Phone: Facility Contact: MARION MCDOWELL </div> </div> | | | | | | |

Tank Information - UST Registry Search

Tank No: 2 Chem:

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------------------------|-------------------|-----------|------------------|---------------------------|--------------------|----|
| <hr/> | | | | | | |
| Case No: | | | | Left Gal: | | |
| Class: | N | | | Owner at ABD: | MCDOWELL, MARION J | |
| Status: | Abandoned | | | Last Use: | 12/29/1994 | |
| Capacity: | 8000 | | | Aband: | 6/1/1998 | |
| Variance: | | | | Method: | Removed | |
| Product: | Gasoline | | | Under Dispnr Cont: | False | |
| Overfill Type: | | | | Drop Tube: | False | |
| Verified: | | | | Tank Const: | | |
| Constr Date: | | | | Tank Protect: | | |
| Operat Date: | | | | Tank Tested: | | |
| Notify: | 6/1/1990 | | | Tank Cont Meth: | Single wall | |
| Spill Prevention: | | | | Pipe Cont Meth: | Single wall | |
| Compliance: | | | | Pipe Protect: | | |
| Comp Status: | | | | Pipe Tested: | | |
| Age at Notif: | 15 | | | Pipe Const: | Steel | |
| Dist to Well (ft): | | | | Piping Type: | | |
| Tank Leak Det: | | | | | | |
| Pipe Leak Det: | | | | | | |
| Tank No: | 3 | | | Chem: | | |
| Case No: | | | | Left Gal: | | |
| Class: | N | | | Owner at ABD: | MCDOWELL, MARION J | |
| Status: | Abandoned | | | Last Use: | 12/29/1994 | |
| Capacity: | 8000 | | | Aband: | 6/1/1998 | |
| Variance: | | | | Method: | Removed | |
| Product: | Kerosene | | | Under Dispnr Cont: | False | |
| Overfill Type: | | | | Drop Tube: | False | |
| Verified: | | | | Tank Const: | | |
| Constr Date: | | | | Tank Protect: | | |
| Operat Date: | | | | Tank Tested: | | |
| Notify: | 6/1/1990 | | | Tank Cont Meth: | Single wall | |
| Spill Prevention: | | | | Pipe Cont Meth: | Single wall | |
| Compliance: | | | | Pipe Protect: | | |
| Comp Status: | | | | Pipe Tested: | | |
| Age at Notif: | 15 | | | Pipe Const: | Steel | |
| Dist to Well (ft): | | | | Piping Type: | | |
| Tank Leak Det: | | | | | | |
| Pipe Leak Det: | | | | | | |
| Tank No: | 1 | | | Chem: | | |
| Case No: | | | | Left Gal: | | |
| Class: | N | | | Owner at ABD: | MCDOWELL, MARION J | |
| Status: | Abandoned | | | Last Use: | 12/29/1994 | |
| Capacity: | 10000 | | | Aband: | 6/1/1998 | |
| Variance: | | | | Method: | Removed | |
| Product: | Gasoline | | | Under Dispnr Cont: | False | |
| Overfill Type: | | | | Drop Tube: | False | |
| Verified: | | | | Tank Const: | | |
| Constr Date: | | | | Tank Protect: | | |
| Operat Date: | | | | Tank Tested: | | |
| Notify: | 6/1/1990 | | | Tank Cont Meth: | Single wall | |
| Spill Prevention: | | | | Pipe Cont Meth: | Single wall | |
| Compliance: | | | | Pipe Protect: | | |
| Comp Status: | | | | Pipe Tested: | | |
| Age at Notif: | 15 | | | Pipe Const: | Steel | |
| Dist to Well (ft): | | | | Piping Type: | | |
| Tank Leak Det: | | | | | | |
| Pipe Leak Det: | | | | | | |

Tank Information - UST 'C' List

| | | | |
|-----------------------------|-----------|--------------------------|-------------------|
| Tank No: | 1 | Tank Owner State: | SC |
| Capacity Gal: | 10000 | Tank Owner Zip: | 29506-6310 |
| Status Code: | ABD | Tank Owner Phone: | 803-662-9028 |
| Status: | Abandoned | Facility: | OAKLAND MINI MART |
| Chemical: | GN | Contact 1: | MARION MCDOWELL |
| Age at Notif. Years: | 15 | Phone 1: | |
| Owner: | MCDOWELL | Facility Address: | 1101 OAKLAND AVE |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|-----------------------------|---------------------|-----------|------------------|--------------------------|-------------------|----|
| Tank Owner Contact: | MARION MCDOWELL | | | City 1: | FLORENCE | |
| Street: | 1120 N ELMGROVE AVE | | | St 1: | SC | |
| Tank Owner City: | FLORENCE | | | Zip 1: | 29506-6605 | |
| Tank No: | 2 | | | Tank Owner State: | SC | |
| Capacity Gal: | 8000 | | | Tank Owner Zip: | 29506-6310 | |
| Status Code: | ABD | | | Tank Owner Phone: | 803-662-9028 | |
| Status: | Abandoned | | | Facility: | OAKLAND MINI MART | |
| Chemical: | GN | | | Contact 1: | MARION MCDOWELL | |
| Age at Notif. Years: | 15 | | | Phone 1: | | |
| Owner: | MCDOWELL | | | Facility Address: | 1101 OAKLAND AVE | |
| Tank Owner Contact: | MARION MCDOWELL | | | City 1: | FLORENCE | |
| Street: | 1120 N ELMGROVE AVE | | | St 1: | SC | |
| Tank Owner City: | FLORENCE | | | Zip 1: | 29506-6605 | |
| Tank No: | 3 | | | Tank Owner State: | SC | |
| Capacity Gal: | 8000 | | | Tank Owner Zip: | 29506-6310 | |
| Status Code: | ABD | | | Tank Owner Phone: | 803-662-9028 | |
| Status: | Abandoned | | | Facility: | OAKLAND MINI MART | |
| Chemical: | KN | | | Contact 1: | MARION MCDOWELL | |
| Age at Notif. Years: | 15 | | | Phone 1: | | |
| Owner: | MCDOWELL | | | Facility Address: | 1101 OAKLAND AVE | |
| Tank Owner Contact: | MARION MCDOWELL | | | City 1: | FLORENCE | |
| Street: | 1120 N ELMGROVE AVE | | | St 1: | SC | |
| Tank Owner City: | FLORENCE | | | Zip 1: | 29506-6605 | |

| | | | | | | |
|----------|-------|-----|--------------------|---------------|-----------------------------------------------------------------|------|
| <u>2</u> | 2 of2 | NNE | 0.22 / 1,168.25 | 147.46 / 4 | OAKLAND MINI MART 1101 OAKLAND AVE FLORENCE SC 29506-6605 | LUST |
|----------|-------|-----|--------------------|---------------|-----------------------------------------------------------------|------|

| | | | |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------|
| Permit: | N 12733 | Site No (EFIS): | UST-12733 |
| Category: | Retail Sales | Facility Name (EFIS): | OAKLAND MINI MART |
| No of Tanks: | 3 | Fac Address (EFIS): | 1101 OAKLAND AVE |
| Billable: | 0 | Facility City (EFIS): | FLORENCE |
| Abandoned: | 3 | Facility State (EFIS): | SC |
| Other: | 0 | Facility Zip (EFIS): | 29506-6605 |
| Last Inspection: | 4/4/1997 | Facility (Web): | OAKLAND MINI MART |
| Facility: | OAKLAND MINI MART | Address (Web): | 1101 OAKLAND AVE |
| Facility Street: | 1101 OAKLAND AVE | City (Web): | FLORENCE |
| Facilit City: | FLORENCE | Zip Code (Web): | 29506-6605 |
| Facility State : | SC | County (Web): | FLORENCE |
| Facility Zip: | 29506-6605 | Phone (Web): | |
| County Code: | 21 | Tank Owner Phone: | 803-662-9028 |
| Fac County: | | Land Owner Phone: | |
| Operator Phone: | | | |
| Business Address: | 1101 OAKLAND AVE FLORENCE SC 29506-6605 | | |
| Tank Owner Business Addr: | MCDOWELL, MARION J 1120 N ELMGROVE AVE FLORENCE SC 29506-6310 | | |
| Land Owner Business Addr: | | | |
| Operator Business Addr: | | | |
| Facility Link: | https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/12733 | | |
| Data Source: | DHEC Underground Storage Tank Registry (Web); DHEC Confirmed Release Report (LUST); DHEC LUST Data (EFIS) | | |

DHEC Online Registry - Release Report

| | | | |
|---------------------------|---------------------------------------------|---------------------------|----------------------------|
| Release No: | 1 | Project Manager: | DUBOIS, PAMELA M |
| Source: | UST | Compliance Req: | True |
| Reported: | 6/16/1998 | Compliance Met: | True |
| Confirmed: | 7/15/1998 | Compliance Date: | |
| RBCA/ Score: | 5A - No pending threat, additional data / 2 | Abatement Met: | 6/1/1998 |
| Responsible Party: | MCDOWELL, MARION J | NFA: | 9/17/1999 |
| Product: | | Fin Type: | With SUPERB 25K deductible |
| Emergency Resp: | | Fin Res Mechanism: | |
| Superb Qualified: | | Cleanup MCL: | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

| | | | |
|---------------------|--|--------------------|-----------|
| Superb Determ Date: | | Cleanup Initiated: | 7/30/1999 |
| Transferred: | | Cleanup Complete: | 9/17/1999 |

DHEC Confirmed Release Report

| | | | |
|------------------|-----------------------------------|--------------|--------------------|
| Release No: | 1 | Confirmed: | 7/15/1998 |
| NFA: | 9/17/1999 | Tank Owner: | MARION MCDOWELL |
| Product: | PETRO | Status Desc: | Currently Inactive |
| Proj Mgr: | DUBOISPM | Score: | |
| Status: | 5 | Rank: | 5A |
| Reported: | 6/16/1998 | | |
| Rank Desc: | No pending treat, additional data | | |
| Facility: | OAKLAND MINI MART | | |
| Facility Street: | 1101 OAKLAND AVE | | |
| Facility City: | FLORENCE | | |
| Fac County: | Florence | | |
| Facility Zip: | 29506-6605 | | |
| Facility State: | SC | | |

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

| | |
|----------------------|---------------------|
| Release No: | 1 |
| Release Date: | 6/16/1998 |
| Project Mgr: | W25 |
| Confirmed Date: | 7/15/1998 |
| Cleanup Comp Date: | 9/17/1999 |
| Cleanup Comp Mcl Dt: | |
| RP Name: | MARION J MCDOWELL |
| RP Address: | 1120 N ELMGROVE AVE |
| RP City: | FLORENCE |
| RP State: | SC |
| RP Zip: | 29506-6310 |
| SSTL Estab Cd: | |
| SCRBCA Class Cd: | CLASS5A |
| Depth to GW: | |
| GW Flow Dir Cod: | |
| Receptor Type Cd: | DUBOIS, PAMELA M |
| Rel Fin Type Cd: | |
| CoC Concentrate Cd: | |

| | | | | | | |
|----------|--------|----|--------------------|---------------|------------------------------------------------------|-----------------|
| <u>3</u> | 1 of 2 | SW | 0.30 / 1,601.15 | 144.04 / 0 | SUB FIRE STATION 2 250 E MARION ST FLORENCE SC | DELISTED LST |
|----------|--------|----|--------------------|---------------|------------------------------------------------------|-----------------|

Delisted Leaking Underground Storage Tanks

| | |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Site ID: | |
| Permit: | N 09923 |
| Facility Link: | http://www.scdhec.gov/Apps/Environment/USTRegistry/Registry/Details/09923 |
| Facility FOI: | |
| Facility St FOI: | |
| Fac Street FOI: | |
| Facility City FOI: | |
| Fac County FOI: | |
| Facility Zip FOI: | |
| Site No (EFIS): | |
| Facil Name (EFIS): | |
| Facil Address (EFIS): | |
| Facil City (EFIS): | |
| Facil State (EFIS): | |
| Facil Zip (EFIS): | |
| Abandoned: | 1 |
| Billable: | 0 |
| Category: | Municipal Government |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------|------|----|
| Other: Phone: Last Inspection: Business Address: No of Tanks: Tank Owner Phone: Tank Owner Business Addr: Land Owner Business Addr: Land Owner Phone: Operator Business Addr: Operator Phone: Search County: County Code: Data Source: Original Source: Record Date: | | 0 250 E MARION ST FLORENCE SC 29506-6111 1 843-665-3271 FLORENCE CITY OF 324 W EVANS ST FLORENCE SC 29501-3430 FLORENCE 21 DHEC Online Registry - Release Report LUST 16-JUL-2018 | | | | |

| | | | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|------|
| <u>3</u> | 2 of2 | SW | 0.30 / 1,601.15 | 144.04 / 0 | SUB FIRE STATION 2 250 E MARION ST FLORENCE SC 29506-6111 | LUST |
| Permit: Category: No of Tanks: Billable: Abandoned: Other: Last Inspection: Facility: Facility Street: Facility City: Facility State : Facility Zip: County Code: Fac County: Operator Phone: Business Address: Tank Owner Business Addr: Land Owner Business Addr: Operator Business Addr: Facility Link: Data Source: | N 09923 Municipal Government 1 0 1 0 21 | | | Site No (EFIS): Facility Name (EFIS): Fac Address (EFIS): Facility City (EFIS): Facility State (EFIS): Facility Zip (EFIS): Facility (Web): Address (Web): City (Web): Zip Code (Web): County (Web): Phone (Web): Tank Owner Phone: Land Owner Phone: | SUB FIRE STATION 2 250 E MARION ST FLORENCE 29506-6111 FLORENCE 843-665-3271 | |
| | | 250 E MARION ST FLORENCE SC 29506-6111 FLORENCE CITY OF 324 W EVANS ST FLORENCE SC 29501-3430 | | | | |
| | | https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/09923 DHEC Underground Storage Tank Registry (Web) | | | | |

DHEC Online Registry - Release Report

| | | | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|--|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|--|
| Release No: Source: Reported: Confirmed: RBCA/ Score: Responsible Party: Product: Emergency Resp: Superb Qualified: Superb Determ Date: Transferred: | 0 12/31/1991 / | | | Project Manager: Compliance Req: Compliance Met: Compliance Date: Abatement Met: NFA: Fin Type: Fin Res Mechanism: Cleanup MCL: Cleanup Initiated: Cleanup Complete: | WISNEWSKI, BRIAN J False False 4/6/1995 | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|--|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|--|

| | | | | | | |
|----------|-------|-----|--------------------|----------------|------------------------------------------------|------|
| <u>4</u> | 1 of1 | SSE | 0.38 / 2,004.87 | 141.79 / -2 | CSX TRANSPORTATION FLORENCE 807 E DAY ST | LUST |
|----------|-------|-----|--------------------|----------------|------------------------------------------------|------|

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------------------------------------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------|---------------------------------------------------------|-----------------------------|
| FLORENCE SC 29501 | | | | | | |
| Permit: | U 15599 | | | | Site No (EFIS): | |
| Category: | Pre-1974 Facility | | | | 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): | CSX TRANSPORTATION FLORENCE |
| Facility: | | | | | Address (Web): | 807 E DAY ST |
| Facility Street: | | | | | City (Web): | FLORENCE |
| Facilit City: | | | | | Zip Code (Web): | 29501 |
| Facility State : | | | | | County (Web): | FLORENCE |
| Facility Zip: | | | | | Phone (Web): | 904-359-4800 |
| County Code: | 21 | | | | Tank Owner Phone: | 800-232-0144 |
| Fac County: | | | | | Land Owner Phone: | |
| Operator Phone: | | | | | | |
| Business Address: | | 807 E DAY ST | | | | |
| | | FLORENCE SC 29501 | | | | |
| Tank Owner Business Addr: | | TRANSFLO TERMINAL SERVICES INC | | | | |
| | | 6735 SOUTHPOINT DR S J975 | | | | |
| | | JACKSONVILLE FL 32216-6177 | | | | |
| Land Owner Business Addr: | | | | | | |
| Operator Business Addr: | | | | | | |
| Facility Link: | | https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/15599 | | | | |
| Data Source: | | DHEC Underground Storage Tank Registry (Web) | | | | |
| DHEC Online Registry - Release Report | | | | | | |
| Release No: | 0 | | | | Project Manager: | WISNEWSKI, BRIAN J |
| Source: | | | | | Compliance Req: | False |
| Reported: | 11/18/1993 | | | | Compliance Met: | False |
| Confirmed: | | | | | Compliance Date: | |
| RBCA/ Score: | / | | | | Abatement Met: | |
| Responsible Party: | | | | | NFA: | 1/16/1995 |
| Product: | | | | | Fin Type: | |
| Emergency Resp: | | | | | Fin Res Mechanism: | |
| Superb Qualified: | | | | | Cleanup MCL: | |
| Superb Determ Date: | | | | | Cleanup Initiated: | |
| Transferred: | | | | | Cleanup Complete: | |
| | | | | | | |
| 5 | 1 of 1 | NE | 0.38 / 2,031.96 | 142.39 / -1 | OAKLAND MARKET 1210 OAKLAND AVE FLORENCE SC 29506 | LUST |
| Permit: | N 03596 | | | | Site No (EFIS): | |
| Category: | Retail Sales | | | | Facility Name (EFIS): | |
| No of Tanks: | 3 | | | | Fac Address (EFIS): | |
| Billable: | 0 | | | | Facility City (EFIS): | |
| Abandoned: | 3 | | | | Facility State (EFIS): | |
| Other: | 0 | | | | Facility Zip (EFIS): | |
| Last Inspection: | 4/10/1996 | | | | Facility (Web): | OAKLAND MARKET |
| Facility: | OAKLAND MARKET | | | | Address (Web): | 1210 OAKLAND AVE |
| Facility Street: | 1210 OAKLAND AVE | | | | City (Web): | FLORENCE |
| Facilit City: | FLORENCE | | | | Zip Code (Web): | 29506 |
| Facility State : | SC | | | | County (Web): | FLORENCE |
| Facility Zip: | 29506 | | | | Phone (Web): | |
| County Code: | 21 | | | | Tank Owner Phone: | 803-667-4503 |
| Fac County: | | | | | Land Owner Phone: | |
| Operator Phone: | | | | | | |
| Business Address: | | 1210 OAKLAND AVE | | | | |
| | | FLORENCE SC 29506 | | | | |
| Tank Owner Business Addr: | | MAG LIT TRUST | | | | |
| | | PO BOX 6604 | | | | |
| | | FLORENCE SC 29502-6604 | | | | |
| Land Owner Business Addr: | | | | | | |
| Operator Business Addr: | | | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Facility Link: <https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/03596>
Data Source: DHEC Underground Storage Tank Registry (Web); DHEC Confirmed Release Report (LUST)

DHEC Online Registry - Release Report

| | | | |
|----------------------------|---------------|---------------------------|------------|
| Release No: | 1 | Project Manager: | WHITE, JIM |
| Source: | UST | Compliance Req: | False |
| Reported: | 6/11/1993 | Compliance Met: | False |
| Confirmed: | 4/26/1994 | Compliance Date: | |
| RBCA/ Score: | / | Abatement Met: | |
| Responsible Party: | MAG LIT TRUST | NFA: | 4/26/1994 |
| Product: | | Fin Type: | Unknown |
| Emergency Resp: | | Fin Res Mechanism: | |
| Superb Qualified: | | Cleanup MCL: | |
| Superb Determ Date: | | Cleanup Initiated: | 4/26/1994 |
| Transferred: | | Cleanup Complete: | 4/26/1994 |

| | | | |
|----------------------------|---------------|---------------------------|----------------|
| Release No: | 2 | Project Manager: | PASLEY, DOUG C |
| Source: | UST | Compliance Req: | False |
| Reported: | 6/25/1996 | Compliance Met: | False |
| Confirmed: | 7/26/1996 | Compliance Date: | |
| RBCA/ Score: | / | Abatement Met: | |
| Responsible Party: | MAG LIT TRUST | NFA: | 7/26/1996 |
| Product: | | Fin Type: | Unknown |
| Emergency Resp: | | Fin Res Mechanism: | |
| Superb Qualified: | | Cleanup MCL: | |
| Superb Determ Date: | | Cleanup Initiated: | 7/26/1996 |
| Transferred: | | Cleanup Complete: | 7/26/1996 |

DHEC Confirmed Release Report

| | | | |
|-------------------------|------------------|---------------------|---------------|
| Release No: | 1 | Confirmed: | 4/26/1994 |
| NFA: | 4/26/1994 | Tank Owner: | MAG LIT TRUST |
| Product: | PETRO | Status Desc: | |
| Proj Mgr: | WHITEJL | Score: | |
| Status: | | Rank: | |
| Reported: | 6/11/1993 | | |
| Rank Desc: | | | |
| Facility: | OAKLAND MARKET | | |
| Facility Street: | 1210 OAKLAND AVE | | |
| Facility City: | FLORENCE | | |
| Fac County: | Florence | | |
| Facility Zip: | 29506 | | |
| Facility State: | SC | | |

| | | | |
|-------------------------|------------------|---------------------|---------------|
| Release No: | 2 | Confirmed: | 7/26/1996 |
| NFA: | 7/26/1996 | Tank Owner: | MAG LIT TRUST |
| Product: | PETRO | Status Desc: | |
| Proj Mgr: | PASLEYDC | Score: | |
| Status: | | Rank: | |
| Reported: | 6/25/1996 | | |
| Rank Desc: | | | |
| Facility: | OAKLAND MARKET | | |
| Facility Street: | 1210 OAKLAND AVE | | |
| Facility City: | FLORENCE | | |
| Fac County: | Florence | | |
| Facility Zip: | 29506 | | |
| Facility State: | SC | | |

| | | | | | | |
|-------------------|--------|---|--------------------|----------------|------------------------------------------------------------------|-----------------|
| 6 | 1 of 4 | S | 0.39 / 2,079.35 | 141.55 / -2 | CSX TRANSPORTATION SEABOARD RR 803 E DAY ST FLORENCE SC | DELISTED LST |
|-------------------|--------|---|--------------------|----------------|------------------------------------------------------------------|-----------------|

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|----------------------|-----------|---------------------|-------------------|------|----|
|---------|----------------------|-----------|---------------------|-------------------|------|----|

Delisted Leaking Above Ground Storage Tanks Details

Site ID: 3359
 Release No: 1
 Project Manager: COLEMAN BOBBI J
 Status: ASSEREME
 Impacted Code: YES
 Type:
 Release Date: 8/28/1990
 Confirmed: 4/21/1991
 NFA Dt:
 Transfer:
 Product: PETRO
 Source:
 Tier:
 Truncated Note:
 Soil Impact Code: YES
 User Name: COLEMABJ
 Release Xfer Date:
 Suspect NFA Date:
 Release Source Code:
 Cleanup Complete Dt:
 Local Fac Last Name: CSX TRANSPORTATION SEABOARD RR
 Local Fac First Name:
 Address 2:
 State Code: SC
 County: Florence
 Zip Code: 29506-2634
 Local Fac County: 21
 District Code: 8
 Rp Identifier 1: CSX TRANSPORTATION INC
 Rp Identifier 2:
 Product 2:
 Product 3:
 Product 4:
 Source 2:
 Source 3:
 Source 4:
 Original Source: LAST
 Record Date: 02-DEC-2019

| | | | | | | |
|-------------------|--------|---|--------------------|----------------|---------------------------------------------------|-----------------|
| 6 | 2 of 4 | S | 0.39 / 2,079.35 | 141.55 / -2 | CSX TRANSPORTATION 803 E DAY ST FLORENCE SC | DELISTED LST |
|-------------------|--------|---|--------------------|----------------|---------------------------------------------------|-----------------|

Delisted Leaking Above Ground Storage Tanks Details

Site ID: 03359
 Release No: 1
 Project Manager: TOTHDD
 Status: ASSEREME
 Impacted Code: YES
 Type: S
 Release Date: 08/28/90
 Confirmed: 04/21/91
 NFA Dt:
 Transfer:
 Product: PETRO
 Source:
 Tier:
 Truncated Note:
 Soil Impact Code:
 User Name:
 Release Xfer Date:
 Suspect NFA Date:
 Release Source Code:

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------|--------------------|----------------|---------------------------------------------------|-----------------|
| Cleanup Complete Dt: Local Fac Last Name: Local Fac First Name: Address 2: State Code: County: Florence Zip Code: Local Fac County: District Code: Rp Identifier 1: Rp Identifier 2: Product 2: Product 3: Product 4: Source 2: Source 3: Source 4: Original Source: LAST Record Date: 15-SEP-2020 | | | | | | |
| 6 | 3 of 4 | S | 0.39 / 2,079.35 | 141.55 / -2 | CSX TRANSPORTATION 803 E DAY ST FLORENCE SC | DELISTED LST |

Delisted Leaking Above Ground Storage Tanks Details

Site ID: 03359
Release No: 1
Project Manager: TOTHHDD
Status: ASSEREME
Impacted Code: YES
Type: S
Release Date: 08/28/90
Confirmed: 04/21/91
NFA Dt:
Transfer:
Product: PETRO
Source:
Tier:
Truncated Note:
Soil Impact Code:
User Name:
Release Xfer Date:
Suspect NFA Date:
Release Source Code:
Cleanup Complete Dt:
Local Fac Last Name:
Local Fac First Name:
Address 2:
State Code:
County: Florence
Zip Code:
Local Fac County:
District Code:
Rp Identifier 1:
Rp Identifier 2:
Product 2:
Product 3:
Product 4:
Source 2:
Source 3:
Source 4:
Original Source: LAST
Record Date: 23-JAN-2023

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------|------------------|----------------|----------------------------------------------------------------------------------------------|-----------------|
| 6 | 4 of 4 | S | 0.39 / 2,079.35 | 141.55 / -2 | CSX TRANSPORTATION 803 E DAY ST FLORENCE SC | LAST |
| <div> <div> Site ID: 03359 Release No: 1 Status: ASSEREME Source: NFA Dt: Confirmed: 04/21/91 Product: PETRO Report Source: ACTIVE Projects Only for ALL Counties </div> <div> Project Manager: KELLERGL GW Impact: YES Transfer: County: Florence Type: S Release Rpt: 08/28/90 </div> </div> | | | | | | |
| 7 | 1 of 1 | WSW | 0.43 / 2,268.29 | 142.23 / -2 | McLeod Regional Development Center & Abdallah Property Dargan Street Florence SC 29501 | FED BROWNFIELDS |
| <div> <div> Property ID: 111100 Lat Measure: 34.202041 Long Measure: -79.766380 Property Name: McLeod Regional Development Center & Abdallah Property Address: Dargan Street City: Florence State: SC Zip Code: 29501 Primary Name (Map): MCLEOD REGIONAL DEVELOPEMENT CENTER & ABDALLAH PROPERTY Location Address (Map): DARGAN STREET City Name (Map): FLORENCE County Name (Map): FLORENCE State Code (Map): SC Postal Code (Map): 29501 Data Source: Cleanups in My Community (CIMC) Cleanups and Grants Listing Export - Brownfield Properties (as of 19 Feb 2025); Cleanups in My Community (CIMC) Web Application - Brownfield Properties (Map) (as of 4 Feb 2024) </div> <div> County: FLORENCE Latitude (Map): 34.202041 Longitude (Map): -79.76638 </div> </div> | | | | | | |
| Property Details (Cleanups in My Community) | | | | | | |
| <div> <div> ID No: NFA Letter Date: </div> <div> Size Acres: 1.07 Parcel No: 90085-11-005, 90086-04-003, 90086-04-004, 90086-04-005, 90085-11-002 </div> </div> | | | | | | |
| <div> <div> Media Affected: Ground Water Soil Media Cleaned Up: Contaminants REC: Lead Other Contaminants Other Metals Contams Actionable: Lead Other Contaminants Other Metals Contams < Actionble: Contamnts Cleanup: Tanks Removal: Cleanup Needed: Y Cleanup Treatment: Excavation Disposl: Contams Extractn: Reduc Contams: Additional Clnup: Institutional Cleanup: U Institutional Cleanup: Engineering Needed: Eng Control: Additnl Inst Control: Additnl Eng Control: Inst Control Date: Eng Control Date: Property Alias: Property Owner: Private Address Source URL: Address Source URL: Address Source URL: </div> <div> Property Enrolled: Radius: .5 Census Tract: 45041000900 2010 # Below Poverty: 745. 2010 Below Poverty: 45.65 2010 Median Income: 725. 2010 No Low Income: 1200. 2010 Low Income: 73.53 2010 No Vacant Hous: 81. 2010 Vacant Housing: 12.22 2010 # Unemployed: 99. 2010 Unemployed: 6.07 Tech Capping: Secur Guard Fence: Immobilization: Eng Barriers: Proprietary Cntrl: Info Device: Govt Cntrl: Enf Permit Tool: Clnup Struct Remov: </div> </div> | | | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|----------------------|-----------|---------------------|-------------------|------|----|
|---------|----------------------|-----------|---------------------|-------------------|------|----|

Other:

Activity Details(Cleanups in My Community)

| | | | |
|--------------------------------|-------------------|----------------------|------|
| Coop Agmt No: | 96460506 | Redev Actvy Funded: | |
| Program Name: | BF | Redev Start Dt: | |
| Activity Funded: | | Redev Compl date: | |
| Type CA Fund: | Hazardous | Redev Fund Entity: | |
| Funding Entity: | | Redev Residential: | |
| Assessmnt Start Dt: | 06/17/2009 | Redev Greenspace: | |
| Assessmnt Compl Dt: | 09/15/2009 | Redev Industrial: | |
| Clnup Actvy Start Dt: | | Redev Commercial: | 1.07 |
| Clnup Actvy Comp Dt: | | # of Redev Jobs: | |
| Acres Cleaned Up: | | RLF Signed Dt: | |
| Clnup Funding Src: | | RLF Intest Rate: | |
| Clnup Entity Provid: | | RLF EPA Fund: | |
| Signed Rpt Dt: | | RLF Cost Share: | |
| Direct Clnup Tot Fnd: | | RLF Prog Income: | |
| Direct Clnup Fnd Src: | | RLF Lvg Fund Src: | |
| Fund Amt Expnded: | | RLF Lvg Fund Entity: | |
| Source of Funding: | | RLF Lvg Fund Amt: | |
| Past Use Resiential: | | RLF Subgrant Signed: | |
| Past Use Greenspace: | | Subgrant EPA Fund: | |
| Past Use Industrial: | | Subgrant Cost Shr: | |
| Past Use Commercial: | | | |
| Coop Agmt Recipnt: | Florence, City of | | |
| Clnup Compet Doc2: | | | |
| Climate Adapt Mitg1: | | | |
| Climate Adapt Mitg2: | | | |
| Climate Adaptation And Mitgat: | | | |

Activity Details(Cleanups in My Community)

| | | | |
|--------------------------------|-------------------|----------------------|------|
| Coop Agmt No: | 96460506 | Redev Actvy Funded: | |
| Program Name: | BF | Redev Start Dt: | |
| Activity Funded: | | Redev Compl date: | |
| Type CA Fund: | Hazardous | Redev Fund Entity: | |
| Funding Entity: | | Redev Residential: | |
| Assessmnt Start Dt: | 08/01/2009 | Redev Greenspace: | |
| Assessmnt Compl Dt: | 09/28/2009 | Redev Industrial: | |
| Clnup Actvy Start Dt: | | Redev Commercial: | 1.07 |
| Clnup Actvy Comp Dt: | | # of Redev Jobs: | |
| Acres Cleaned Up: | | RLF Signed Dt: | |
| Clnup Funding Src: | | RLF Intest Rate: | |
| Clnup Entity Provid: | | RLF EPA Fund: | |
| Signed Rpt Dt: | | RLF Cost Share: | |
| Direct Clnup Tot Fnd: | | RLF Prog Income: | |
| Direct Clnup Fnd Src: | | RLF Lvg Fund Src: | |
| Fund Amt Expnded: | | RLF Lvg Fund Entity: | |
| Source of Funding: | | RLF Lvg Fund Amt: | |
| Past Use Resiential: | | RLF Subgrant Signed: | |
| Past Use Greenspace: | | Subgrant EPA Fund: | |
| Past Use Industrial: | | Subgrant Cost Shr: | |
| Past Use Commercial: | | | |
| Coop Agmt Recipnt: | Florence, City of | | |
| Clnup Compet Doc2: | | | |
| Climate Adapt Mitg1: | | | |
| Climate Adapt Mitg2: | | | |
| Climate Adaptation And Mitgat: | | | |

Brownfields Details

| | | |
|-------------|--------------|-------------|
| Registry I: | 110040821448 | SF EI He C: |
|-------------|--------------|-------------|

| | | | | | | |
|--------------------------|--------|---|--------------------|----------------|--------------------------------------------------------------------------|-----------------|
| <u>8</u> | 1 of 1 | W | 0.44 / 2,306.85 | 141.48 / -2 | COOPER PROPERTY (VACANT LOT) COMMANDER ST & W LUCAS ST FLORENCE SC | DELISTED LST |
|--------------------------|--------|---|--------------------|----------------|--------------------------------------------------------------------------|-----------------|

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|-----------------------|-------------------|------------------------------|------------------|----------------|------|----|
| Release No: | | 1 | | | | |
| Project Manager: | | RIVERS MIKE S | | | | |
| Status: | | CLOSED | | | | |
| Impacted Code: | | NO | | | | |
| Type: | | | | | | |
| Release Date: | | 11/4/2005 | | | | |
| Confirmed: | | | | | | |
| NFA Dt: | | 11/29/2005 | | | | |
| Transfer: | | | | | | |
| Product: | | | | | | |
| Source: | | | | | | |
| Tier: | | | | | | |
| Truncated Note: | | | | | | |
| Soil Impact Code: | | | | | | |
| User Name: | | RIVERSMS | | | | |
| Release Xfer Date: | | | | | | |
| Suspect NFA Date: | | 11/29/2005 | | | | |
| Release Source Code: | | | | | | |
| Cleanup Complete Dt: | | | | | | |
| Local Fac Last Name: | | COOPER PROPERTY (VACANT LOT) | | | | |
| Local Fac First Name: | | | | | | |
| Address 2: | | | | | | |
| State Code: | | SC | | | | |
| County: | | Florence | | | | |
| Zip Code: | | 29 | | | | |
| Local Fac County: | | 21 | | | | |
| District Code: | | 8 | | | | |
| Rp Identifier 1: | | COOPER | | | | |
| Rp Identifier 2: | | DAVID | | | | |
| Product 2: | | | | | | |
| Product 3: | | | | | | |
| Product 4: | | | | | | |
| Source 2: | | | | | | |
| Source 3: | | | | | | |
| Source 4: | | | | | | |
| Original Source: | | LAST | | | | |
| Record Date: | | 02-DEC-2019 | | | | |

| | | | | | | |
|-------------------|--------|-----|--------------------|----------------|---------------------------------------------------------------------------|-------------|
| 9 | 1 of 4 | WSW | 0.44 / 2,344.35 | 140.51 / -3 | BUSH'S RECYCLING INC 102 W SUMTER ST, FLORENCE, SC, 29501, US SC | BROWNFIELDS |
|-------------------|--------|-----|--------------------|----------------|---------------------------------------------------------------------------|-------------|

Case No: 04-5563-NRP

Details

| | | | |
|-------------------|--------------------------------------------------|--------------------|--------------------|
| Alt ID: | 57062 | Combo of Contam: | |
| Master No: | 5563 | Filed With County: | 9/27/2010 06:00:00 |
| Master Status: | CLOSED | Acre Under Cntrct: | 4.73 |
| Category: | Master Project Details | COC Date Issued: | 9/29/2010 06:00:00 |
| Program: | LWM - SARR - Brownfields | County: | Florence |
| Action Date: | 7/1/2004 06:00:00 | Latitude: | 34.2022 |
| Status: | Closed with Restrictions | Longitude: | -79.7677 |
| Name: | BUSH'S RECYCLING INC | | |
| Address: | 102 W SUMTER ST, FLORENCE, SC, 29501, US | | |
| Type: | Non-Responsible Party Voluntary Cleanup Contract | | |
| Type of Covenant: | NO GROUNDWATER USE | | |

| | | | | | | |
|-------------------|--------|-----|--------------------|----------------|---------------------------------------------------------------------|-------|
| 9 | 2 of 4 | WSW | 0.44 / 2,344.35 | 140.51 / -3 | BUSH'S RECYCLING INC 102 W SUMTER ST, FLORENCE SC 29501 SC | SASPL |
|-------------------|--------|-----|--------------------|----------------|---------------------------------------------------------------------|-------|

EPA ID: SCS123456975

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Site Assessment Section Project List (SASPL)

County: FLORENCE

| | | | | | | |
|-------------------|--------|-----|--------------------|----------------|--------------------------------------------------------------|-----|
| 9 | 3 of 4 | WSW | 0.44 / 2,344.35 | 140.51 / -3 | BUSH'S RECYCLING INC 102 W SUMTER ST FLORENCE SC 29501 | VCP |
|-------------------|--------|-----|--------------------|----------------|--------------------------------------------------------------|-----|

| | | | |
|-------------------------------|-----------|----------------------|----------------------|
| File No: | 57062 | Restrict Filed Dt: | 9/27/2010 |
| Project Status Code: | COMP | Project Complete Dt: | 9/29/2010 |
| Funds 128(A) Utilized: | Yes | Brownfields Type: | Hazardous Substances |
| Resp Action Planned: | Yes | | |
| Cleanup Contract Complete Dt: | 9/29/2010 | | |

Detail

Execute Date: 7/1/2004
 Lat Long: 34.20218, -79.7677
 Acreage: 4.73
 Owner: FLORENCE CITY OF
 Contamination on Site: Petroleum, Volatile Organic Compounds
 Land Use Restriction: NO GROUNDWATER USE

| | | | | | | |
|-------------------|--------|-----|--------------------|----------------|---------------------------------------------------------------|--------------------|
| 9 | 4 of 4 | WSW | 0.44 / 2,344.35 | 140.51 / -3 | Bush Recycling 102 West Sumter Street Florence SC 29501 | FED BROWNFIELDS |
|-------------------|--------|-----|--------------------|----------------|---------------------------------------------------------------|--------------------|

| | | | |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------|
| Property ID: | 15416 | County: | FLORENCE |
| Lat Measure: | 34.2032341 | Latitude (Map): | 34.2032341 |
| Long Measure: | -79.7677383 | Longitude (Map): | -79.7677383 |
| Property Name: | Bush Recycling | | |
| Address: | 102 West Sumter Street | | |
| City: | Florence | | |
| State: | SC | | |
| Zip Code: | 29501 | | |
| Primary Name (Map): | BUSH RECYCLING | | |
| Location Address (Map): | 102 WEST SUMTER STREET | | |
| City Name (Map): | FLORENCE | | |
| County Name (Map): | FLORENCE | | |
| State Code (Map): | SC | | |
| Postal Code (Map): | 29501 | | |
| Data Source: | Cleanups in My Community (CIMC) Cleanups and Grants Listing Export - Brownfield Properties (as of 19 Feb 2025); Cleanups in My Community (CIMC) Web Application - Brownfield Properties (Map) (as of 4 Feb 2024) | | |

Property Details (Cleanups in My Community)

| | | | |
|----------------------|--------------------------------------------------------------------|-----------------------|----------------------------------------|
| ID No: | VCC 04-5563-NRP | Size Acres: | 4.73 |
| NFA Letter Date: | 09/29/2010 | Parcel No: | 90085-08-002, 90085-10-002, 003, & 005 |
| Media Affected: | Ground Water Soil | Property Enrolled: | N |
| Media Cleaned Up: | Soil | Radius: | .5 |
| Contaminants REC: | Asbestos Lead PAHs PCBs Petroleum Products VOCs | Census Tract: | 45041000900 |
| Contams Actionable: | Asbestos Lead Other Contaminants PAHs PCBs Petroleum Products VOCs | 2010 # Below Poverty: | 1077. |
| Contams < Actionble: | | 2010 Below Poverty: | 49.22 |
| Contamnts Cleanup: | Asbestos Lead Other Contaminants PAHs PCBs Petroleum Products | 2010 Median Income: | 1300. |
| Tanks Removal: | Y | 2010 No Low Income: | 1642. |
| Cleanup Needed: | Y | 2010 Low Income: | 75.05 |
| Cleanup Treatment: | Y | 2010 No Vacant Hous: | 109. |
| Excavation Disposl: | Y | 2010 Vacant Housing: | 12.31 |
| Contams Extractn: | | 2010 # Unemployed: | 144. |
| Reduc Contams: | | 2010 Unemployed: | 6.58 |
| Additional Clnup: | | Tech Capping: | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------|----------------------------|----|
| Institutional Cleanup: | Y | | | | Secur Guard Fence: | |
| Institutional Cleanup: | Y | | | | Immobilization: | |
| Engineering Needed: | N | | | | Eng Barriers: | |
| Eng Control: | N | | | | Proprietary Cntrl: | Y |
| Additnl Inst Control: | Per VCC, restrictive covenant is required to prevent use of groundwater. Also restriction on property use for residential purposes. | | | | Info Device: | Y |
| Additnl Eng Control: | | | | | Govt Cntrl: | |
| Inst Control Date: | | | | | Enf Permit Tool: | |
| Eng Control Date: | | | | | Clnup Struct Remov: | Y |
| Property Alias: | | | | | | |
| Property Owner: | | Government | | | | |
| Address Source URL: | | http://www.scdhec.gov/environment/lwm/Databases/RCR/rcr_about.html | | | | |
| Address Source URL: | | | | | | |
| Address Source URL: | | http://www.scdhec.gov/environment/lwm/Databases/RCR/rcr_about.html | | | | |
| Other: | | | | | | |

Activity Details(Cleanups in My Community)

| | | | |
|----------------------------------------|-----------------------|-----------------------------|---------------|
| Coop Agmt No: | 96462706 | Redev Actvy Funded: | |
| Program Name: | BF | Redev Start Dt: | |
| Activity Funded: | | Redev Compl date: | |
| Type CA Fund: | Hazardous & Petroleum | Redev Fund Entity: | |
| Funding Entity: | | Redev Residential: | |
| Assessmnt Start Dt: | | Redev Greenspace: | |
| Assessmnt Compl Dt: | | Redev Industrial: | |
| Clnup Actvy Start Dt: | 05/22/2008 | Redev Commercial: | 4.73 |
| Clnup Actvy Comp Dt: | 01/31/2010 | # of Redev Jobs: | |
| Acres Cleaned Up: | 4.73 | RLF Signed Dt: | |
| Clnup Funding Src: | | RLF Intest Rate: | |
| Clnup Entity Provid: | Other Federal Funding | RLF EPA Fund: | |
| Signed Rpt Dt: | | RLF Cost Share: | |
| Direct Clnup Tot Fnd: | | RLF Prog Income: | |
| Direct Clnup Fnd Src: | | RLF Lvg Fund Src: | RLF Leveraged |
| Fund Amt Expnded: | | RLF Lvg Fund Entity: | |
| Source of Funding: | | RLF Lvg Fund Amt: | 250000. |
| Past Use Resiential: | | RLF Subgrant Signed: | |
| Past Use Greenspace: | | Subgrant EPA Fund: | |
| Past Use Industrial: | 4.73 | Subgrant Cost Shr: | |
| Past Use Commercial: | | | |
| Coop Agmt Recipnt: | Florence, City of | | |
| Clnup Compet Doc2: | | | |
| Climate Adapt Mitg1: | | | |
| Climate Adapt Mitg2: | | | |
| Climate Adaptation And Mitigat: | | | |

Activity Details(Cleanups in My Community)

| | | | |
|------------------------------|------------------------------------|-----------------------------|------------|
| Coop Agmt No: | 96429905 | Redev Actvy Funded: | |
| Program Name: | BF | Redev Start Dt: | |
| Activity Funded: | | Redev Compl date: | |
| Type CA Fund: | Hazardous & Petroleum | Redev Fund Entity: | |
| Funding Entity: | | Redev Residential: | |
| Assessmnt Start Dt: | | Redev Greenspace: | |
| Assessmnt Compl Dt: | | Redev Industrial: | |
| Clnup Actvy Start Dt: | 03/18/2008 | Redev Commercial: | 4.73 |
| Clnup Actvy Comp Dt: | 09/29/2010 | # of Redev Jobs: | |
| Acres Cleaned Up: | 4.73 | RLF Signed Dt: | 10/01/2008 |
| Clnup Funding Src: | EPA | RLF Intest Rate: | |
| Clnup Entity Provid: | Brownfields RLF Grant Funds Loaned | RLF EPA Fund: | 400000. |
| Signed Rpt Dt: | | RLF Cost Share: | |
| Direct Clnup Tot Fnd: | | RLF Prog Income: | |
| Direct Clnup Fnd Src: | | RLF Lvg Fund Src: | |
| Fund Amt Expnded: | | RLF Lvg Fund Entity: | |
| Source of Funding: | | RLF Lvg Fund Amt: | |
| Past Use Resiential: | | RLF Subgrant Signed: | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------------------------------|-------------------|---------------------------|------------------|----------------|------|----|
| Past Use Greenspace: | 4.73 | South Carolina , State of | | | | |
| Past Use Industrial: | | | | | | |
| Past Use Commercial: | | | | | | |
| Coop Agmt Recipnt: | | | | | | |
| Clnup Compet Doc2: | | | | | | |
| Climate Adapt Mitg1: | | | | | | |
| Climate Adapt Mitg2: | | | | | | |
| Climate Adaptation And Mitigat: | | | | | | |

Activity Details(Cleanups in My Community)

| | | | |
|---------------------------------|-----------------------|----------------------|---------------|
| Coop Agmt No: | 96462706 | Redev Actvy Funded: | |
| Program Name: | BF | Redev Start Dt: | |
| Activity Funded: | | Redev Compl date: | |
| Type CA Fund: | Hazardous & Petroleum | Redev Fund Entity: | |
| Funding Entity: | | Redev Residential: | |
| Assessmnt Start Dt: | | Redev Greenspace: | |
| Assessmnt Compl Dt: | | Redev Industrial: | |
| Clnup Actvy Start Dt: | | Redev Commercial: | 4.73 |
| Clnup Actvy Comp Dt: | | # of Redev Jobs: | |
| Acres Cleaned Up: | | RLF Signed Dt: | |
| Clnup Funding Src: | | RLF Intest Rate: | |
| Clnup Entity Provid: | | RLF EPA Fund: | |
| Signed Rpt Dt: | | RLF Cost Share: | |
| Direct Clnup Tot Fnd: | | RLF Prog Income: | |
| Direct Clnup Fnd Src: | | RLF Lvg Fund Src: | RLF Leveraged |
| Fund Amt Expnded: | | RLF Lvg Fund Entity: | |
| Source of Funding: | | RLF Lvg Fund Amt: | 250000. |
| Past Use Resiential: | | RLF Subgrant Signed: | |
| Past Use Greenspace: | | Subgrant EPA Fund: | |
| Past Use Industrial: | 4.73 | Subgrant Cost Shr: | |
| Past Use Commercial: | | | |
| Coop Agmt Recipnt: | Florence, City of | | |
| Clnup Compet Doc2: | | | |
| Climate Adapt Mitg1: | | | |
| Climate Adapt Mitg2: | | | |
| Climate Adaptation And Mitigat: | | | |

Activity Details(Cleanups in My Community)

| | | | |
|-----------------------|-----------------------|----------------------|---------------|
| Coop Agmt No: | 96462706 | Redev Actvy Funded: | |
| Program Name: | BF | Redev Start Dt: | |
| Activity Funded: | | Redev Compl date: | |
| Type CA Fund: | Hazardous & Petroleum | Redev Fund Entity: | |
| Funding Entity: | | Redev Residential: | |
| Assessmnt Start Dt: | | Redev Greenspace: | |
| Assessmnt Compl Dt: | | Redev Industrial: | |
| Clnup Actvy Start Dt: | | Redev Commercial: | 4.73 |
| Clnup Actvy Comp Dt: | | # of Redev Jobs: | |
| Acres Cleaned Up: | | RLF Signed Dt: | |
| Clnup Funding Src: | | RLF Intest Rate: | |
| Clnup Entity Provid: | | RLF EPA Fund: | |
| Signed Rpt Dt: | | RLF Cost Share: | |
| Direct Clnup Tot Fnd: | | RLF Prog Income: | |
| Direct Clnup Fnd Src: | | RLF Lvg Fund Src: | RLF Leveraged |
| Fund Amt Expnded: | | RLF Lvg Fund Entity: | |
| Source of Funding: | | RLF Lvg Fund Amt: | 250000. |
| Past Use Resiential: | | RLF Subgrant Signed: | |
| Past Use Greenspace: | | Subgrant EPA Fund: | |
| Past Use Industrial: | 4.73 | Subgrant Cost Shr: | |
| Past Use Commercial: | | | |
| Coop Agmt Recipnt: | Florence, City of | | |
| Clnup Compet Doc2: | | | |
| Climate Adapt Mitg1: | | | |
| Climate Adapt Mitg2: | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Climate Adaptation And Mitigat:

Activity Details(Cleanups in My Community)

| | | | |
|---------------------------------|----------------------------------------------------|----------------------|------|
| Coop Agmt No: | 96462706 | Redev Actvy Funded: | |
| Program Name: | BF | Redev Start Dt: | |
| Activity Funded: | | Redev Compl date: | |
| Type CA Fund: | Hazardous & Petroleum | Redev Fund Entity: | |
| Funding Entity: | | Redev Residential: | |
| Assessmnt Start Dt: | | Redev Greenspace: | |
| Assessmnt Compl Dt: | | Redev Industrial: | |
| Clnup Actvy Start Dt: | 05/22/2008 | Redev Commercial: | 4.73 |
| Clnup Actvy Comp Dt: | 01/31/2010 | # of Redev Jobs: | |
| Acres Cleaned Up: | 4.73 | RLF Signed Dt: | |
| Clnup Funding Src: | | RLF Intest Rate: | |
| Clnup Entity Provid: | US EPA - Brownfields Cleanup Cooperative Agreement | RLF EPA Fund: | |
| Signed Rpt Dt: | | RLF Cost Share: | |
| Direct Clnup Tot Fnd: | | RLF Prog Income: | |
| Direct Clnup Fnd Src: | | RLF Lvg Fund Src: | |
| Fund Amt Expnded: | | RLF Lvg Fund Entity: | |
| Source of Funding: | | RLF Lvg Fund Amt: | |
| Past Use Resiential: | | RLF Subgrant Signed: | |
| Past Use Greenspace: | | Subgrant EPA Fund: | |
| Past Use Industrial: | 4.73 | Subgrant Cost Shr: | |
| Past Use Commercial: | | | |
| Coop Agmt Recipnt: | Florence, City of | | |
| Clnup Compet Doc2: | | | |
| Climate Adapt Mitg1: | | | |
| Climate Adapt Mitg2: | | | |
| Climate Adaptation And Mitigat: | | | |

Activity Details(Cleanups in My Community)

| | | | |
|---------------------------------|-----------------------|----------------------|------|
| Coop Agmt No: | 96462706 | Redev Actvy Funded: | |
| Program Name: | BF | Redev Start Dt: | |
| Activity Funded: | | Redev Compl date: | |
| Type CA Fund: | Hazardous & Petroleum | Redev Fund Entity: | |
| Funding Entity: | | Redev Residential: | |
| Assessmnt Start Dt: | | Redev Greenspace: | |
| Assessmnt Compl Dt: | | Redev Industrial: | |
| Clnup Actvy Start Dt: | 05/22/2008 | Redev Commercial: | 4.73 |
| Clnup Actvy Comp Dt: | 01/31/2010 | # of Redev Jobs: | |
| Acres Cleaned Up: | 4.73 | RLF Signed Dt: | |
| Clnup Funding Src: | | RLF Intest Rate: | |
| Clnup Entity Provid: | Other Federal Funding | RLF EPA Fund: | |
| Signed Rpt Dt: | | RLF Cost Share: | |
| Direct Clnup Tot Fnd: | | RLF Prog Income: | |
| Direct Clnup Fnd Src: | | RLF Lvg Fund Src: | |
| Fund Amt Expnded: | | RLF Lvg Fund Entity: | |
| Source of Funding: | | RLF Lvg Fund Amt: | |
| Past Use Resiential: | | RLF Subgrant Signed: | |
| Past Use Greenspace: | | Subgrant EPA Fund: | |
| Past Use Industrial: | 4.73 | Subgrant Cost Shr: | |
| Past Use Commercial: | | | |
| Coop Agmt Recipnt: | Florence, City of | | |
| Clnup Compet Doc2: | | | |
| Climate Adapt Mitg1: | | | |
| Climate Adapt Mitg2: | | | |
| Climate Adaptation And Mitigat: | | | |

Activity Details(Cleanups in My Community)

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------------------------------|-----------------------|-------------------|------------------|----------------|----------------------|------|
| Coop Agmt No: | 97493303 | | | | Redev Actvy Funded: | |
| Program Name: | BF | | | | Redev Start Dt: | |
| Activity Funded: | | | | | Redev Compl date: | |
| Type CA Fund: | Hazardous & Petroleum | | | | Redev Fund Entity: | |
| Funding Entity: | | | | | Redev Residential: | |
| Assessmnt Start Dt: | 02/23/2005 | | | | Redev Greenspace: | |
| Assessmnt Compl Dt: | 06/16/2005 | | | | Redev Industrial: | |
| Clnup Actvy Start Dt: | | | | | Redev Commercial: | 4.73 |
| Clnup Actvy Comp Dt: | | | | | # of Redev Jobs: | |
| Acres Cleaned Up: | | | | | RLF Signed Dt: | |
| Clnup Funding Src: | | | | | RLF Intest Rate: | |
| Clnup Entity Provid: | | | | | RLF EPA Fund: | |
| Signed Rpt Dt: | | | | | RLF Cost Share: | |
| Direct Clnup Tot Fnd: | | | | | RLF Prog Income: | |
| Direct Clnup Fnd Src: | | | | | RLF Lvg Fund Src: | |
| Fund Amt Expnded: | | | | | RLF Lvg Fund Entity: | |
| Source of Funding: | Local Funding | | | | RLF Lvg Fund Amt: | |
| Past Use Resiential: | | | | | RLF Subgrant Signed: | |
| Past Use Greenspace: | | | | | Subgrant EPA Fund: | |
| Past Use Industrial: | 4.73 | | | | Subgrant Cost Shr: | |
| Past Use Commercial: | | | | | | |
| Coop Agmt Recipnt: | | Florence, City of | | | | |
| Clnup Compet Doc2: | | | | | | |
| Climate Adapt Mitg1: | | | | | | |
| Climate Adapt Mitg2: | | | | | | |
| Climate Adaptation And Mitigat: | | | | | | |

Activity Details(Cleanups in My Community)

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|---------------------------------|-----------------------|-------------------|--|--|----------------------|------|
| Coop Agmt No: | 96462706 | | | | Redev Actvy Funded: | |
| Program Name: | BF | | | | Redev Start Dt: | |
| Activity Funded: | | | | | Redev Compl date: | |
| Type CA Fund: | Hazardous & Petroleum | | | | Redev Fund Entity: | |
| Funding Entity: | | | | | Redev Residential: | |
| Assessmnt Start Dt: | | | | | Redev Greenspace: | |
| Assessmnt Compl Dt: | | | | | Redev Industrial: | |
| Clnup Actvy Start Dt: | | | | | Redev Commercial: | 4.73 |
| Clnup Actvy Comp Dt: | | | | | # of Redev Jobs: | |
| Acres Cleaned Up: | | | | | RLF Signed Dt: | |
| Clnup Funding Src: | | | | | RLF Intest Rate: | |
| Clnup Entity Provid: | | | | | RLF EPA Fund: | |
| Signed Rpt Dt: | | | | | RLF Cost Share: | |
| Direct Clnup Tot Fnd: | | | | | RLF Prog Income: | |
| Direct Clnup Fnd Src: | | | | | RLF Lvg Fund Src: | |
| Fund Amt Expnded: | | | | | RLF Lvg Fund Entity: | |
| Source of Funding: | | | | | RLF Lvg Fund Amt: | |
| Past Use Resiential: | | | | | RLF Subgrant Signed: | |
| Past Use Greenspace: | | | | | Subgrant EPA Fund: | |
| Past Use Industrial: | 4.73 | | | | Subgrant Cost Shr: | |
| Past Use Commercial: | | | | | | |
| Coop Agmt Recipnt: | | Florence, City of | | | | |
| Clnup Compet Doc2: | | | | | | |
| Climate Adapt Mitg1: | | | | | | |
| Climate Adapt Mitg2: | | | | | | |
| Climate Adaptation And Mitigat: | | | | | | |

Activity Details(Cleanups in My Community)

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|---------------------|-----------------------|--|--|--|---------------------|------------------|
| Coop Agmt No: | 96429905 | | | | Redev Actvy Funded: | |
| Program Name: | BF | | | | Redev Start Dt: | 05/28/2014 |
| Activity Funded: | | | | | Redev Compl date: | 08/25/2016 |
| Type CA Fund: | Hazardous & Petroleum | | | | Redev Fund Entity: | HopeHealth, Inc. |
| Funding Entity: | | | | | Redev Residential: | |
| Assessmnt Start Dt: | | | | | Redev Greenspace: | |
| Assessmnt Compl Dt: | | | | | Redev Industrial: | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|--------------------------------|-------------------|---------------------------|------------------|----------------|----------------------|------------|
| Clnup Actvy Start Dt: | | | | | Redev Commercial: | 4.73 |
| Clnup Actvy Comp Dt: | | | | | # of Redev Jobs: | |
| Acres Cleaned Up: | | | | | RLF Signed Dt: | 10/01/2008 |
| Clnup Funding Src: | | | | | RLF Intest Rate: | |
| Clnup Entity Provid: | | | | | RLF EPA Fund: | 400000. |
| Signed Rpt Dt: | | | | | RLF Cost Share: | |
| Direct Clnup Tot Fnd: | | | | | RLF Prog Income: | |
| Direct Clnup Fnd Src: | | | | | RLF Lvg Fund Src: | |
| Fund Amt Expnded: | 18000000. | | | | RLF Lvg Fund Entity: | |
| Source of Funding: | | | | | RLF Lvg Fund Amt: | |
| Past Use Resiential: | | | | | RLF Subgrant Signed: | |
| Past Use Greenspace: | | | | | Subgrant EPA Fund: | |
| Past Use Industrial: | 4.73 | | | | Subgrant Cost Shr: | |
| Past Use Commercial: | | | | | | |
| Coop Agmt Recipnt: | | South Carolina , State of | | | | |
| Clnup Compet Doc2: | | | | | | |
| Climate Adapt Mitg1: | | | | | | |
| Climate Adapt Mitg2: | | | | | | |
| Climate Adaptation And Mitgat: | | | | | | |

Activity Details(Cleanups in My Community)

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|--------------------------------|------------------------------------|----------------------|------------|
| Coop Agmt No: | 96429905 | Redev Actvy Funded: | |
| Program Name: | BF | Redev Start Dt: | |
| Activity Funded: | | Redev Compl date: | |
| Type CA Fund: | Hazardous & Petroleum | Redev Fund Entity: | |
| Funding Entity: | | Redev Residential: | |
| Assessmnt Start Dt: | | Redev Greenspace: | |
| Assessmnt Compl Dt: | | Redev Industrial: | |
| Clnup Actvy Start Dt: | 03/18/2008 | Redev Commercial: | 4.73 |
| Clnup Actvy Comp Dt: | 09/29/2010 | # of Redev Jobs: | |
| Acres Cleaned Up: | 4.73 | RLF Signed Dt: | 12/10/2007 |
| Clnup Funding Src: | EPA | RLF Intest Rate: | |
| Clnup Entity Provid: | Brownfields RLF Grant Funds Loaned | RLF EPA Fund: | 625000. |
| Signed Rpt Dt: | | RLF Cost Share: | |
| Direct Clnup Tot Fnd: | | RLF Prog Income: | |
| Direct Clnup Fnd Src: | | RLF Lvg Fund Src: | |
| Fund Amt Expnded: | | RLF Lvg Fund Entity: | |
| Source of Funding: | | RLF Lvg Fund Amt: | |
| Past Use Resiential: | | RLF Subgrant Signed: | |
| Past Use Greenspace: | | Subgrant EPA Fund: | |
| Past Use Industrial: | 4.73 | Subgrant Cost Shr: | |
| Past Use Commercial: | | | |
| Coop Agmt Recipnt: | South Carolina , State of | | |
| Clnup Compet Doc2: | | | |
| Climate Adapt Mitg1: | | | |
| Climate Adapt Mitg2: | | | |
| Climate Adaptation And Mitgat: | | | |

Activity Details(Cleanups in My Community)

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|-----------------------|-----------------------|---------------------|------|
| Coop Agmt No: | 97493303 | Redev Actvy Funded: | |
| Program Name: | BF | Redev Start Dt: | |
| Activity Funded: | | Redev Compl date: | |
| Type CA Fund: | Hazardous & Petroleum | Redev Fund Entity: | |
| Funding Entity: | | Redev Residential: | |
| Assessmnt Start Dt: | | Redev Greenspace: | |
| Assessmnt Compl Dt: | | Redev Industrial: | |
| Clnup Actvy Start Dt: | | Redev Commercial: | 4.73 |
| Clnup Actvy Comp Dt: | | # of Redev Jobs: | |
| Acres Cleaned Up: | | RLF Signed Dt: | |
| Clnup Funding Src: | | RLF Intest Rate: | |
| Clnup Entity Provid: | | RLF EPA Fund: | |
| Signed Rpt Dt: | | RLF Cost Share: | |
| Direct Clnup Tot Fnd: | | RLF Prog Income: | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|------------------------------------|----------------------|-------------------|---------------------|-------------------|----------------------|----|
| Direct Clnup Fnd Src: | | | | | RLF Lvg Fund Src: | |
| Fund Amt Expnded: | | | | | RLF Lvg Fund Entity: | |
| Source of Funding: | | | | | RLF Lvg Fund Amt: | |
| Past Use Resiential: | | | | | RLF Subgrant Signed: | |
| Past Use Greenspace: | | | | | Subgrant EPA Fund: | |
| Past Use Industrial: | 4.73 | | | | Subgrant Cost Shr: | |
| Past Use Commercial: | | | | | | |
| Coop Agmt Recipnt: | | Florence, City of | | | | |
| Clnup Compet Doc2: | | | | | | |
| Climate Adapt Mitg1: | | | | | | |
| Climate Adapt Mitg2: | | | | | | |
| Climate Adaptation And Mitigat: | | | | | | |

| | | | |
|----------------------------------------|---------------------------|-----------------------------|------------|
| Coop Agmt No: | 96429905 | Redev Actvy Funded: | |
| Program Name: | BF | Redev Start Dt: | |
| Activity Funded: | | Redev Compl date: | |
| Type CA Fund: | Hazardous & Petroleum | Redev Fund Entity: | |
| Funding Entity: | | Redev Residential: | |
| Assessmnt Start Dt: | | Redev Greenspace: | |
| Assessmnt Compl Dt: | | Redev Industrial: | |
| Clnup Actvy Start Dt: | | Redev Commercial: | 4.73 |
| Clnup Actvy Comp Dt: | | # of Redev Jobs: | |
| Acres Cleaned Up: | | RLF Signed Dt: | 12/10/2007 |
| Clnup Funding Src: | | RLF Intest Rate: | |
| Clnup Entity Provid: | | RLF EPA Fund: | 625000. |
| Signed Rpt Dt: | | RLF Cost Share: | |
| Direct Clnup Tot Fnd: | | RLF Prog Income: | |
| Direct Clnup Fnd Src: | | RLF Lvg Fund Src: | |
| Fund Amt Exprd: | | RLF Lvg Fund Entity: | |
| Source of Funding: | | RLF Lvg Fund Amt: | |
| Past Use Resiential: | | RLF Subgrant Signed: | |
| Past Use Greenspace: | | Subgrant EPA Fund: | |
| Past Use Industrial: | 4.73 | Subgrant Cost Shr: | |
| Past Use Commercial: | | | |
| Coop Agmt Recipnt: | South Carolina , State of | | |
| Clnup Compet Doc2: | | | |
| Climate Adapt Mitg1: | | | |
| Climate Adapt Mitg2: | | | |
| Climate Adaptation And Mitigat: | | | |

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|------------------------------|-----------------------|-----------------------------|------------|
| Coop Agmt No: | 96429905 | Redev Actvy Funded: | |
| Program Name: | BF | Redev Start Dt: | |
| Activity Funded: | | Redev Compl date: | |
| Type CA Fund: | Hazardous & Petroleum | Redev Fund Entity: | |
| Funding Entity: | | Redev Residential: | |
| Assessmnt Start Dt: | | Redev Greenspace: | |
| Assessmnt Compl Dt: | | Redev Industrial: | |
| Clnup Actvy Start Dt: | | Redev Commercial: | 4.73 |
| Clnup Actvy Comp Dt: | | # of Redev Jobs: | |
| Acres Cleaned Up: | | RLF Signed Dt: | 10/01/2008 |
| Clnup Funding Src: | | RLF Intest Rate: | |
| Clnup Entity Provid: | | RLF EPA Fund: | 400000. |
| Signed Rpt Dt: | | RLF Cost Share: | |
| Direct Clnup Tot Fnd: | | RLF Prog Income: | |
| Direct Clnup Fnd Src: | | RLF Lvg Fund Src: | |
| Fund Amt Expndd: | | RLF Lvg Fund Entity: | |
| Source of Funding: | | RLF Lvg Fund Amt: | |
| Past Use Resiential: | | RLF Subgrant Signed: | |
| Past Use Greenspace: | | Subgrant EPA Fund: | |
| Past Use Industrial: | 4.73 | Subgrant Cost Shr: | |
| Past Use Commercial: | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Coop Agmt Recipnt: South Carolina , State of
 Clnup Compet Doc2:
 Climate Adapt Mitg1:
 Climate Adapt Mitg2:
 Climate Adaptation And Mitigat:

Activity Details(Cleanups in My Community)

| | | | |
|---------------------------------|----------------------------------------------------|----------------------|---------------|
| Coop Agmt No: | 96462706 | Redev Actvy Funded: | |
| Program Name: | BF | Redev Start Dt: | |
| Activity Funded: | | Redev Compl date: | |
| Type CA Fund: | Hazardous & Petroleum | Redev Fund Entity: | |
| Funding Entity: | | Redev Residential: | |
| Assessmnt Start Dt: | | Redev Greenspace: | |
| Assessmnt Compl Dt: | | Redev Industrial: | |
| Clnup Actvy Start Dt: | 05/22/2008 | Redev Commercial: | 4.73 |
| Clnup Actvy Comp Dt: | 01/31/2010 | # of Redev Jobs: | |
| Acres Cleaned Up: | 4.73 | RLF Signed Dt: | |
| Clnup Funding Src: | | RLF Intest Rate: | |
| Clnup Entity Provid: | US EPA - Brownfields Cleanup Cooperative Agreement | RLF EPA Fund: | |
| Signed Rpt Dt: | | RLF Cost Share: | |
| Direct Clnup Tot Fnd: | | RLF Prog Income: | |
| Direct Clnup Fnd Src: | | RLF Lvg Fund Src: | RLF Leveraged |
| Fund Amt Expnded: | | RLF Lvg Fund Entity: | |
| Source of Funding: | | RLF Lvg Fund Amt: | 250000. |
| Past Use Resiential: | | RLF Subgrant Signed: | |
| Past Use Greenspace: | | Subgrant EPA Fund: | |
| Past Use Industrial: | 4.73 | Subgrant Cost Shr: | |
| Past Use Commercial: | | | |
| Coop Agmt Recipnt: | Florence, City of | | |
| Clnup Compet Doc2: | | | |
| Climate Adapt Mitg1: | | | |
| Climate Adapt Mitg2: | | | |
| Climate Adaptation And Mitigat: | | | |

Activity Details(Cleanups in My Community)

| | | | |
|---------------------------------|-----------------------|----------------------|------|
| Coop Agmt No: | 96462706 | Redev Actvy Funded: | |
| Program Name: | BF | Redev Start Dt: | |
| Activity Funded: | | Redev Compl date: | |
| Type CA Fund: | Hazardous & Petroleum | Redev Fund Entity: | |
| Funding Entity: | | Redev Residential: | |
| Assessmnt Start Dt: | | Redev Greenspace: | |
| Assessmnt Compl Dt: | | Redev Industrial: | |
| Clnup Actvy Start Dt: | | Redev Commercial: | 4.73 |
| Clnup Actvy Comp Dt: | | # of Redev Jobs: | |
| Acres Cleaned Up: | | RLF Signed Dt: | |
| Clnup Funding Src: | | RLF Intest Rate: | |
| Clnup Entity Provid: | | RLF EPA Fund: | |
| Signed Rpt Dt: | | RLF Cost Share: | |
| Direct Clnup Tot Fnd: | | RLF Prog Income: | |
| Direct Clnup Fnd Src: | | RLF Lvg Fund Src: | |
| Fund Amt Expnded: | | RLF Lvg Fund Entity: | |
| Source of Funding: | | RLF Lvg Fund Amt: | |
| Past Use Resiential: | | RLF Subgrant Signed: | |
| Past Use Greenspace: | | Subgrant EPA Fund: | |
| Past Use Industrial: | 4.73 | Subgrant Cost Shr: | |
| Past Use Commercial: | | | |
| Coop Agmt Recipnt: | Florence, City of | | |
| Clnup Compet Doc2: | | | |
| Climate Adapt Mitg1: | | | |
| Climate Adapt Mitg2: | | | |
| Climate Adaptation And Mitigat: | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|----------------------|-----------|---------------------|-------------------|------|----|
|---------|----------------------|-----------|---------------------|-------------------|------|----|

Activity Details(Cleanups in My Community)

| | | | |
|--------------------------------|---------------------------|----------------------|------------------|
| Coop Agmt No: | 96429905 | Redev Actvy Funded: | |
| Program Name: | BF | Redev Start Dt: | 05/28/2014 |
| Activity Funded: | | Redev Compl date: | 08/25/2016 |
| Type CA Fund: | Hazardous & Petroleum | Redev Fund Entity: | HopeHealth, Inc. |
| Funding Entity: | | Redev Residential: | |
| Assessmnt Start Dt: | | Redev Greenspace: | |
| Assessmnt Compl Dt: | | Redev Industrial: | |
| Clnup Actvy Start Dt: | | Redev Commercial: | 4.73 |
| Clnup Actvy Comp Dt: | | # of Redev Jobs: | |
| Acres Cleaned Up: | | RLF Signed Dt: | 12/10/2007 |
| Clnup Funding Src: | | RLF Intest Rate: | |
| Clnup Entity Provid: | | RLF EPA Fund: | 625000. |
| Signed Rpt Dt: | | RLF Cost Share: | |
| Direct Clnup Tot Fnd: | | RLF Prog Income: | |
| Direct Clnup Fnd Src: | | RLF Lvg Fund Src: | |
| Fund Amt Expnded: | 18000000. | RLF Lvg Fund Entity: | |
| Source of Funding: | | RLF Lvg Fund Amt: | |
| Past Use Resiential: | | RLF Subgrant Signed: | |
| Past Use Greenspace: | | Subgrant EPA Fund: | |
| Past Use Industrial: | 4.73 | Subgrant Cost Shr: | |
| Past Use Commercial: | | | |
| Coop Agmt Recipnt: | South Carolina , State of | | |
| Clnup Compet Doc2: | | | |
| Climate Adapt Mitg1: | | | |
| Climate Adapt Mitg2: | | | |
| Climate Adaptation And Mitgat: | | | |

Brownfields Details

| | | | |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|
| Registry I: | 110038702543 | SF EI He C: | |
| EPA ID: | | SF IC Ind: | |
| EPA Region: | 04 | SF NPL Cod: | |
| Cat No: | 3040201 | SF NPL C 1: | |
| RCRA Handl: | | FF SF Ind: | |
| RCRA Curre: | | Map Symbol: | B |
| RCRA Remed: | | Data Refre: | 04-Feb-2024 |
| RCRA Const: | | New Site: | |
| RCRA EI He: | | BF RLF Gra: | Y |
| RCRA EI Gm: | | BF RLF Pil: | |
| RCRA Rem 1: | | BF Assess : | |
| RCRA Ec Gw: | | BF Cleanup: | Y |
| RCRA Ec Ng: | | BF Tba Ind: | |
| RCRA IC Ep: | | BF 128a In: | |
| RCRA IC Gc: | | BF IC Code: | Y |
| RCRA IC ID: | | BF IC Gc I: | U |
| RCRA IC Pr: | | BF IC Ep I: | U |
| FF RCRA In: | | BF IC ID I: | Y |
| RCRA Ec Co: | | BF IC Pr I: | Y |
| RCRA IC Co: | | BF Assess1: | Y |
| RCRA Gpra : | | BF Multipu: | |
| RCRA Rem 2: | | BF Awp Ind: | |
| RCRA Dru 1: | | BF Showcas: | |
| SF Site ID: | | BF 128a P : | |
| SF Ec Ind: | | Congressio: | SC-07 |
| SF EI Gm C: | | Stimulus B: | |
| Ind Name: | | | |
| Cat Name: | Lower Pee Dee | | |
| Sub Name: | Lower Pee Dee | | |
| Primary Name: | BUSH RECYCLING | | |
| RCRA Drupa: | | | |
| Repow Ref : | https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER::::P33_REF:7435 | | |
| Url: | https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT. PROPERTY_ID&val1=%2215416.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|-------------|-------------------|-----------------------------------------------------------------------------------------------------------------------|------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------|----|
| Census Url: | | | | | https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-79.7677383%2C34.2032341&featype=point&radius=1.0 | |
| ACS Url: | | | | | https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-79.7677383%2C34.2032341&featype=point&radius=1.0 | |
| SAA Site: | | | | | | |
| Sf Brac Ty: | | | | | | |
| Sf Archive: | | | | | | |
| Sf Ffdocke: | | | | | | |
| Sf Npl C 3: | | | | | | |
| Sf Npl C 2: | | | | | | |
| Sf Npl C 1: | | | | | | |
| SF Site Na: | | | | | | |
| SF Non N 1: | | | | | | |
| SF Non N 2: | | | | | | |
| SF Non N 3: | | | | | | |
| SF Non Npl: | | | | | | |
| BF Prope 1: | | Bush Recycling | | | | |
| RCRA Han 1: | | | | | | |
| RCRA Rau I: | | | | | | |
| REPOW BF: | | SG | | | | |
| REPOW Re 1: | | RE-Powering Site Profile | | | | |
| REPOW Ref1: | | 7435 | | | | |

| | | | | | | |
|--------------------|--------|-----|-----------------|-------------|-------------------------------------------------------------------------------------------------------------|-----------------|
| 10 | 1 of 1 | WSW | 0.45 / 2,359.03 | 141.56 / -2 | Pee Dee Community Action /Casten McDaniel Property 300 Block of North Dargan Street Florence SC 29501 | FED BROWNFIELDS |
|--------------------|--------|-----|-----------------|-------------|-------------------------------------------------------------------------------------------------------------|-----------------|

| | | | |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------|
| Property ID: | 110642 | County: | FLORENCE |
| Lat Measure: | 34.1992382 | Latitude (Map): | 34.1992382 |
| Long Measure: | -79.7661263 | Longitude (Map): | -79.7661263 |
| Property Name: | Pee Dee Community Action /Casten McDaniel Property | | |
| Address: | 300 Block of North Dargan Street | | |
| City: | Florence | | |
| State: | SC | | |
| Zip Code: | 29501 | | |
| Primary Name (Map): | PEE DEE COMMUNITY ACTION /CASTEN MCDANIEL PROPERTY | | |
| Location Address (Map): | 300 BLOCK OF NORTH DARGAN STREET | | |
| City Name (Map): | FLORENCE | | |
| County Name (Map): | FLORENCE | | |
| State Code (Map): | SC | | |
| Postal Code (Map): | 29501 | | |
| Data Source: | Cleanups in My Community (CIMC) Cleanups and Grants Listing Export - Brownfield Properties (as of 19 Feb 2025); Cleanups in My Community (CIMC) Web Application - Brownfield Properties (Map) (as of 4 Feb 2024) | | |

Property Details (Cleanups in My Community)

| | | | |
|------------------------|-------------------------------------------|-----------------------|----------------------------|
| ID No: | | Size Acres: | 1.12 |
| NFA Letter Date: | | Parcel No: | 90086-05-003, 90086-05-001 |
| Media Affected: | Ground Water Soil | Property Enrolled: | |
| Media Cleaned Up: | | Radius: | .5 |
| Contaminants REC: | Lead Other Metals | Census Tract: | 45041001000 |
| Contams Actionable: | Lead Other Contaminants Other Metals PAHs | 2010 # Below Poverty: | 410. |
| Contams < Actionble: | | 2010 Below Poverty: | 46.28 |
| Contamnts Cleanup: | | 2010 Median Income: | 783. |
| Tanks Removal: | | 2010 No Low Income: | 647. |
| Cleanup Needed: | Y | 2010 Low Income: | 73.02 |
| Cleanup Treatment: | | 2010 No Vacant Hous: | 49. |
| Excavation Disposl: | | 2010 Vacant Housing: | 13.11 |
| Contams Extractn: | | 2010 # Unemployed: | 59. |
| Reduc Contams: | | 2010 Unemployed: | 6.66 |
| Additional Clnup: | | Tech Capping: | |
| Institutional Cleanup: | U | Secur Guard Fence: | |
| Institutional Cleanup: | | Immobilization: | |
| Engineering Needed: | U | Eng Barriers: | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------|------------------|----------------|----------------------------------------------------------------------------------------------|----|
| Eng Control: Additnl Inst Control: Additnl Eng Control: Inst Control Date: Eng Control Date: Property Alias: Property Owner: Address Source URL: Address Source URL: Address Source URL: Other: | N | | | | Proprietary Cntrl: Info Device: Govt Cntrl: Enf Permit Tool: Clnup Struct Remov: | |
| | | Private | | | | |

Activity Details(Cleanups in My Community)

| | | | | | | |
|--------------------------------|------------|-------------------|--|--|----------------------|------|
| Coop Agmt No: | 96460506 | | | | Redev Actvy Funded: | |
| Program Name: | BF | | | | Redev Start Dt: | |
| Activity Funded: | | | | | Redev Compl date: | |
| Type CA Fund: | Hazardous | | | | Redev Fund Entity: | |
| Funding Entity: | | | | | Redev Residential: | |
| Assessmnt Start Dt: | 08/01/2009 | | | | Redev Greenspace: | |
| Assessmnt Compl Dt: | 09/28/2009 | | | | Redev Industrial: | |
| Clnup Actvy Start Dt: | | | | | Redev Commercial: | 1.12 |
| Clnup Actvy Comp Dt: | | | | | # of Redev Jobs: | |
| Acres Cleaned Up: | | | | | RLF Signed Dt: | |
| Clnup Funding Src: | | | | | RLF Intest Rate: | |
| Clnup Entity Provid: | | | | | RLF EPA Fund: | |
| Signed Rpt Dt: | | | | | RLF Cost Share: | |
| Direct Clnup Tot Fnd: | | | | | RLF Prog Income: | |
| Direct Clnup Fnd Src: | | | | | RLF Lvg Fund Src: | |
| Fund Amt Expnded: | | | | | RLF Lvg Fund Entity: | |
| Source of Funding: | | | | | RLF Lvg Fund Amt: | |
| Past Use Resiential: | | | | | RLF Subgrant Signed: | |
| Past Use Greenspace: | | | | | Subgrant EPA Fund: | |
| Past Use Industrial: | | | | | Subgrant Cost Shr: | |
| Past Use Commercial: | 1.12 | | | | | |
| Coop Agmt Recipnt: | | Florence, City of | | | | |
| Clnup Compet Doc2: | | | | | | |
| Climate Adapt Mitg1: | | | | | | |
| Climate Adapt Mitg2: | | | | | | |
| Climate Adaptation And Mitgat: | | | | | | |

Activity Details(Cleanups in My Community)

| | | | | | | |
|-----------------------|------------|-------------------|--|--|----------------------|------|
| Coop Agmt No: | 96460506 | | | | Redev Actvy Funded: | |
| Program Name: | BF | | | | Redev Start Dt: | |
| Activity Funded: | | | | | Redev Compl date: | |
| Type CA Fund: | Hazardous | | | | Redev Fund Entity: | |
| Funding Entity: | | | | | Redev Residential: | |
| Assessmnt Start Dt: | 06/17/2009 | | | | Redev Greenspace: | |
| Assessmnt Compl Dt: | 09/15/2009 | | | | Redev Industrial: | |
| Clnup Actvy Start Dt: | | | | | Redev Commercial: | 1.12 |
| Clnup Actvy Comp Dt: | | | | | # of Redev Jobs: | |
| Acres Cleaned Up: | | | | | RLF Signed Dt: | |
| Clnup Funding Src: | | | | | RLF Intest Rate: | |
| Clnup Entity Provid: | | | | | RLF EPA Fund: | |
| Signed Rpt Dt: | | | | | RLF Cost Share: | |
| Direct Clnup Tot Fnd: | | | | | RLF Prog Income: | |
| Direct Clnup Fnd Src: | | | | | RLF Lvg Fund Src: | |
| Fund Amt Expnded: | | | | | RLF Lvg Fund Entity: | |
| Source of Funding: | | | | | RLF Lvg Fund Amt: | |
| Past Use Resiential: | | | | | RLF Subgrant Signed: | |
| Past Use Greenspace: | | | | | Subgrant EPA Fund: | |
| Past Use Industrial: | | | | | Subgrant Cost Shr: | |
| Past Use Commercial: | 1.12 | | | | | |
| Coop Agmt Recipnt: | | Florence, City of | | | | |
| Clnup Compet Doc2: | | | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|--------------------------------------------------------------------------------|-------------------|-------------------------------------------------------------------------------------------------------------------------|------------------|----------------|-------------|-------------|
| Climate Adapt Mitg1: Climate Adapt Mitg2: Climate Adaptation And Mitgat: | | | | | | |
| Brownfields Details | | | | | | |
| Registry I: | 110040821395 | | | | SF EI He C: | |
| EPA ID: | | | | | SF IC Ind: | |
| EPA Region: | 04 | | | | SF NPL Cod: | |
| Cat No: | 3040201 | | | | SF NPL C 1: | |
| RCRA Handl: | | | | | FF SF Ind: | |
| RCRA Curre: | | | | | Map Symbol: | B |
| RCRA Remed: | | | | | Data Refre: | 04-Feb-2024 |
| RCRA Const: | | | | | New Site: | |
| RCRA EI He: | | | | | BF RLF Gra: | |
| RCRA EI Gm: | | | | | BF RLF Pil: | |
| RCRA Rem 1: | | | | | BF Assess : | |
| RCRA Ec Gw: | | | | | BF Cleanup: | |
| RCRA Ec Ng: | | | | | BF Tba Ind: | |
| RCRA IC Ep: | | | | | BF 128a In: | |
| RCRA IC Gc: | | | | | BF IC Code: | U |
| RCRA IC ID: | | | | | BF IC Gc I: | U |
| RCRA IC Pr: | | | | | BF IC Ep I: | U |
| FF RCRA In: | | | | | BF IC ID I: | U |
| RCRA Ec Co: | | | | | BF IC Pr I: | U |
| RCRA IC Co: | | | | | BF Assess1: | Y |
| RCRA Gpra : | | | | | BF Multipu: | |
| RCRA Rem 2: | | | | | BF Awp Ind: | |
| RCRA Dru 1: | | | | | BF Showcas: | |
| SF Site ID: | | | | | BF 128a P : | |
| SF Ec Ind: | | | | | Congressio: | SC-07 |
| SF EI Gm C: | | | | | Stimulus B: | |
| Ind Name: | | | | | | |
| Cat Name: | | Lower Pee Dee | | | | |
| Sub Name: | | Lower Pee Dee | | | | |
| Primary Name: | | PEE DEE COMMUNITY ACTION /CASTEN MCDANIEL PROPERTY | | | | |
| RCRA Drupa: | | | | | | |
| Repow Ref : | | | | | | |
| Url: | | | | | | |
| Census Url: | | | | | | |
| ACS Url: | | | | | | |
| SAA Site: | | | | | | |
| Sf Brac Ty: | | | | | | |
| Sf Archive: | | | | | | |
| Sf Fdocke: | | | | | | |
| Sf Npl C 3: | | | | | | |
| Sf Npl C 2: | | | | | | |
| Sf Npl C 1: | | | | | | |
| SF Site Na: | | | | | | |
| SF Non N 1: | | | | | | |
| SF Non N 2: | | | | | | |
| SF Non N 3: | | | | | | |
| SF Non Npl: | | | | | | |
| BF Prope 1: | | Pee Dee Community Action /Casten McDaniel Property | | | | |
| RCRA Han 1: | | | | | | |
| RCRA Rau I: | | | | | | |
| REPOW BF: | | SG | | | | |
| REPOW Re 1: | | RE-Powering Site Profile | | | | |
| REPOW Ref1: | | 25541 | | | | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|-----------------------------------------------------|----------------------------------------------------|--------------|--------------------|----------------------|------------------------------------------------------------------------------------------------------|-------------|
| 11 | 1 of1 | SW | 0.45 / 2,375.09 | 140.12 / -4 | FORMER FLORENCE STEAM LAUNDRY 250 E N B BAROODY ST, FLORENCE SC 29506 SC | SASPL |
| EPA ID: | | SCS123458011 | | | | |
| <u>Site Assessment Section Project List (SASPL)</u> | | | | | | |
| County: | | FLORENCE | | | | |
| 12 | 1 of6 | SW | 0.48 / 2,513.56 | 141.54 / -2 | CITY OF FLORENCE PARKING LOT PROPERTY 199 E N B BAROODY ST, FLORENCE, SC, 29506-2524, US SC | BROWNFIELDS |
| Case No: | | 04-5562-NRP | | | | |
| <u>Details</u> | | | | | | |
| Alt ID: | 57061 | | | Combo of Contam: | BNAs, Metals, VOCs | |
| Master No: | 5562 | | | Filed With County: | 1/18/2007 06:00:00 | |
| Master Status: | ACTIVE | | | Acre Under Cntrct: | 4.23 | |
| Category: | Master Project Details | | | COC Date Issued: | 2/12/2007 06:00:00 | |
| Program: | LWM - SARR - Brownfields | | | County: | Florence | |
| Action Date: | 7/1/2004 06:00:00 | | | Latitude: | 34.199 | |
| Status: | Closed with Restrictions | | | Longitude: | -79.7649 | |
| Name: | CITY OF FLORENCE PARKING LOT PROPERTY | | | | | |
| Address: | 199 E N B BAROODY ST, FLORENCE, SC, 29506-2524, US | | | | | |
| Type: | Non-Responsible Party Voluntary Cleanup Contract | | | | | |
| Type of Covenant: | no res, no gw, no ag, cap req | | | | | |
| 12 | 2 of6 | SW | 0.48 / 2,513.56 | 141.54 / -2 | BTC PARKING LOT SITE 199 E N B BAROODY ST, FLORENCE, SC, 29506-2524, US SC | BROWNFIELDS |
| Case No: | | 04-5514-NRP | | | | |
| <u>Details</u> | | | | | | |
| Alt ID: | 56983 | | | Combo of Contam: | BNAs, Metals, VOCs | |
| Master No: | 5514 | | | Filed With County: | 1/18/2007 06:00:00 | |
| Master Status: | ACTIVE | | | Acre Under Cntrct: | 1 | |
| Category: | Master Project Details | | | COC Date Issued: | 2/12/2007 06:00:00 | |
| Program: | LWM - SARR - Brownfields | | | County: | Florence | |
| Action Date: | 7/1/2004 06:00:00 | | | Latitude: | 34.1984 | |
| Status: | Closed with Restrictions | | | Longitude: | -79.7632 | |
| Name: | BTC PARKING LOT SITE | | | | | |
| Address: | 199 E N B BAROODY ST, FLORENCE, SC, 29506-2524, US | | | | | |
| Type: | Non-Responsible Party Voluntary Cleanup Contract | | | | | |
| Type of Covenant: | no res, no gw, no ag, cap req | | | | | |
| 12 | 3 of6 | SW | 0.48 / 2,513.56 | 141.54 / -2 | CITY OF FLORENCE PARKING LOT PROPERTY 199 E N B BAROODY ST FLORENCE SC 29506-2524 | VCP |
| File No: | 57061 | | | Restrict Filed Dt: | 1/18/2007 | |
| Project Status Code: | ACTIVE | | | Project Complete Dt: | 2/12/2007 | |
| Funds 128(A) Utilized: | No | | | Brownfields Type: | Hazardous Substances | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

Resp Action Planned: Yes
Cleanup Contract Complete Dt: 2/12/2007

Detail

Execute Date: 7/1/2004
Lat Long: 34.19897, -79.76488
Acreage: 4.23
Owner: FLORENCE PARKING LOT PROPERTY CITY OF
Contamination on Site: Volatile Organic Compounds, Metals, Base Neutral Acid Extractables
Land Use Restriction: no res, no gw, no ag, cap req

| | | | | | | |
|--------------------|--------|----|--------------------|----------------|------------------------------------------------------------------------|-----|
| 12 | 4 of 6 | SW | 0.48 / 2,513.56 | 141.54 / -2 | BTC PARKING LOT SITE 199 E N B BAROODY ST FLORENCE SC 29506-2524 | VCP |
|--------------------|--------|----|--------------------|----------------|------------------------------------------------------------------------|-----|

| | | | |
|-------------------------------|-----------|----------------------|----------------------|
| File No: | 56983 | Restrict Filed Dt: | 1/18/2007 |
| Project Status Code: | ACTIVE | Project Complete Dt: | 2/12/2007 |
| Funds 128(A) Utilized: | No | Brownfields Type: | Hazardous Substances |
| Resp Action Planned: | Yes | | |
| Cleanup Contract Complete Dt: | 2/12/2007 | | |

Detail

Execute Date: 7/1/2004
Lat Long: 34.19836, -79.76321
Acreage: 1
Owner: FLORENCE PARKING LOT PROPERTY CITY OF
Contamination on Site: Volatile Organic Compounds, Metals, Base Neutral Acid Extractables
Land Use Restriction: no res, no gw, no ag, cap req

| | | | | | | |
|--------------------|--------|----|--------------------|----------------|-------------------------------------------------------------------------------|-------|
| 12 | 5 of 6 | SW | 0.48 / 2,513.56 | 141.54 / -2 | BTC PARKING LOT SITE 199 E N B BAROODY ST, FLORENCE SC 29506-2524 SC | SASPL |
|--------------------|--------|----|--------------------|----------------|-------------------------------------------------------------------------------|-------|

EPA ID: SCS123456932

Site Assessment Section Project List (SASPL)

County: FLORENCE

| | | | | | | |
|--------------------|--------|----|--------------------|----------------|---------------------------------------------------------------------------------------------------|-------|
| 12 | 6 of 6 | SW | 0.48 / 2,513.56 | 141.54 / -2 | CITY OF FLORENCE PARKING LOT PROPERTY 199 E N B BAROODY ST, FLORENCE SC 29506-2524 SC | SASPL |
|--------------------|--------|----|--------------------|----------------|---------------------------------------------------------------------------------------------------|-------|

EPA ID: SCS123456974

Site Assessment Section Project List (SASPL)

County: FLORENCE

| | | | | | | |
|--------------------|--------|----|--------------------|----------------|----------------------------------------------------------|------|
| 13 | 1 of 3 | SE | 0.48 / 2,559.24 | 138.84 / -5 | MERITA BAKERY 1153 E DAY ST FLORENCE SC 29506-2722 | LUST |
|--------------------|--------|----|--------------------|----------------|----------------------------------------------------------|------|

| | | | |
|--------------|---------|-----------------------|---------------|
| Permit: | P 03332 | Site No (EFIS): | UST-03332 |
| Category: | | Facility Name (EFIS): | MERITA BAKERY |
| No of Tanks: | 4 | Fac Address (EFIS): | 1153 E DAY ST |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|----------------------------------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------|-------------------------------|---------------|
| Billable: | 0 | | | | Facility City (EFIS): | FLORENCE |
| Abandoned: | 4 | | | | Facility State (EFIS): | SC |
| Other: | 0 | | | | Facility Zip (EFIS): | 29506-2722 |
| Last Inspection: | 6/16/2005 | | | | Facility (Web): | MERITA BAKERY |
| Facility: | MERITA BAKERY | | | | Address (Web): | 1153 E DAY ST |
| Facility Street: | 1153 E DAY ST | | | | City (Web): | FLORENCE |
| Facilit City: | FLORENCE | | | | Zip Code (Web): | 29506-2722 |
| Facility State : | SC | | | | County (Web): | FLORENCE |
| Facility Zip: | 29506-2722 | | | | Phone (Web): | 843-662-3203 |
| County Code: | 21 | | | | Tank Owner Phone: | 816-502-4269 |
| Fac County: | | | | | Land Owner Phone: | 843-777-2109 |
| Operator Phone: | | | | | | |
| Business Address: | | 1153 E DAY ST | | | | |
| | | FLORENCE SC 29506-2722 | | | | |
| Tank Owner Business Addr: | | INTERSTATE BRANDS CORPORATION | | | | |
| | | 12 E ARMOUR BLVD | | | | |
| | | KANSAS CITY MO 64111 | | | | |
| Land Owner Business Addr: | | MCLEOD REGIONAL MEDICAL CENTER | | | | |
| | | PO BOX 100551 | | | | |
| | | FLORENCE SC 29502-0551 | | | | |
| Operator Business Addr: | | | | | | |
| Facility Link: | | https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/03332 | | | | |
| Data Source: | | DHEC Underground Storage Tank Registry (Web); DHEC Confirmed Release Report (LUST); DHEC LUST Data (EFIS) | | | | |

DHEC Online Registry - Release Report

| | | | |
|----------------------------|--------------------------------------------------------|---------------------------|----------------------|
| Release No: | 1 | Project Manager: | RIVERS, MIKE S |
| Source: | UST | Compliance Req: | True |
| Reported: | 12/20/1996 | Compliance Met: | True |
| Confirmed: | 1/20/1997 | Compliance Date: | |
| RBCA/ Score: | 2BB - Watersupply wells < 1000 feet downgrade / 513 | Abatement Met: | 8/8/1996 |
| Responsible Party: | MCLEOD REGIONAL MEDICAL CENTER | NFA: | 2/25/2013 |
| Product: | | Fin Type: | With SUPERB |
| Emergency Resp: | | Fin Res Mechanism: | NONE |
| Superb Qualified: | True | Cleanup MCL: | 2/25/2013 |
| Superb Determ Date: | | Cleanup Initiated: | 11/22/1999 |
| Transferred: | | Cleanup Complete: | |
| Release No: | 3 | Project Manager: | HIGHTOWER, CHARLES W |
| Source: | UST | Compliance Req: | True |
| Reported: | 10/13/2005 | Compliance Met: | False |
| Confirmed: | 10/18/2005 | Compliance Date: | |
| RBCA/ Score: | / | Abatement Met: | 8/9/2005 |
| Responsible Party: | INTERSTATE BRANDS CORPORATION | NFA: | 10/18/2005 |
| Product: | | Fin Type: | |
| Emergency Resp: | | Fin Res Mechanism: | |
| Superb Qualified: | | Cleanup MCL: | |
| Superb Determ Date: | | Cleanup Initiated: | 10/18/2005 |
| Transferred: | | Cleanup Complete: | 10/18/2005 |
| Release No: | 0 | Project Manager: | ELAM, JULIE M |
| Source: | | Compliance Req: | False |
| Reported: | 12/20/1996 | Compliance Met: | False |
| Confirmed: | | Compliance Date: | |
| RBCA/ Score: | / | Abatement Met: | |
| Responsible Party: | | NFA: | 8/19/1997 |
| Product: | | Fin Type: | |
| Emergency Resp: | | Fin Res Mechanism: | |
| Superb Qualified: | | Cleanup MCL: | |
| Superb Determ Date: | | Cleanup Initiated: | |
| Transferred: | | Cleanup Complete: | |
| Release No: | 2 | Project Manager: | DUBOIS, PAMELA M |
| Source: | UST | Compliance Req: | True |
| Reported: | 12/20/1996 | Compliance Met: | True |
| Confirmed: | 1/20/1997 | Compliance Date: | |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|----------------------------|---------------------------------------------|-----------|------------------|----------------|---------------------------|----------------------------|
| RBCA/ Score: | 5A - No pending threat, additional data / 0 | | | | Abatement Met: | 8/8/1996 |
| Responsible Party: | INTERSTATE BRANDS CORPORATION | | | | NFA: | 3/30/1998 |
| Product: | | | | | Fin Type: | With SUPERB 25K deductible |
| Emergency Resp: | | | | | Fin Res Mechanism: | |
| Superb Qualified: | | | | | Cleanup MCL: | |
| Superb Determ Date: | | | | | Cleanup Initiated: | 12/12/1997 |
| Transferred: | | | | | Cleanup Complete: | 3/30/1998 |

DHEC Confirmed Release Report

| | | | | | |
|-------------------------|---------------|--|--|---------------------|-------------------------------|
| Release No: | 3 | | | Confirmed: | 10/18/2005 |
| NFA: | 10/18/2005 | | | Tank Owner: | INTERSTATE BRANDS CORPORATION |
| Product: | | | | Status Desc: | |
| Proj Mgr: | HIGHTOCW | | | Score: | |
| Status: | | | | Rank: | |
| Reported: | 10/13/2005 | | | | |
| Rank Desc: | | | | | |
| Facility: | MERITA BAKERY | | | | |
| Facility Street: | 1153 E DAY ST | | | | |
| Facility City: | FLORENCE | | | | |
| Fac County: | Florence | | | | |
| Facility Zip: | 29506-2722 | | | | |
| Facility State: | SC | | | | |

| | | | | | |
|-------------------------|-----------------------------------------|--|--|---------------------|-------------------------------|
| Release No: | 1 | | | Confirmed: | 1/20/1997 |
| NFA: | 2/25/2013 | | | Tank Owner: | INTERSTATE BRANDS CORPORATION |
| Product: | PETRO | | | Status Desc: | Monitored Natural Attenuation |
| Proj Mgr: | RIVERSMS | | | Score: | |
| Status: | 3 | | | Rank: | 2BB |
| Reported: | 12/20/1996 | | | | |
| Rank Desc: | Watersupply wells < 1000 feet downgrade | | | | |
| Facility: | MERITA BAKERY | | | | |
| Facility Street: | 1153 E DAY ST | | | | |
| Facility City: | FLORENCE | | | | |
| Fac County: | Florence | | | | |
| Facility Zip: | 29506-2722 | | | | |
| Facility State: | SC | | | | |

| | | | | | |
|-------------------------|-----------------------------------|--|--|---------------------|-------------------------------|
| Release No: | 2 | | | Confirmed: | 1/20/1997 |
| NFA: | 3/30/1998 | | | Tank Owner: | INTERSTATE BRANDS CORPORATION |
| Product: | PETRO | | | Status Desc: | Currently Inactive |
| Proj Mgr: | DUBOISPM | | | Score: | |
| Status: | 5 | | | Rank: | 5A |
| Reported: | 12/20/1996 | | | | |
| Rank Desc: | No pending treat, additional data | | | | |
| Facility: | MERITA BAKERY | | | | |
| Facility Street: | 1153 E DAY ST | | | | |
| Facility City: | FLORENCE | | | | |
| Fac County: | Florence | | | | |
| Facility Zip: | 29506-2722 | | | | |
| Facility State: | SC | | | | |

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

| | |
|-----------------------------|-------------------------------|
| Release No: | 2 |
| Release Date: | 12/20/1996 |
| Project Mgr: | W25 |
| Confirmed Date: | 1/20/1997 |
| Cleanup Comp Date: | 3/30/1998 |
| Cleanup Comp Mcl Dt: | |
| RP Name: | INTERSTATE BRANDS CORPORATION |
| RP Address: | 12 E ARMOUR BLVD |
| RP City: | KANSAS CITY |
| RP State: | MO |
| RP Zip: | 64111 |
| SSTL Estab Cd: | |
| SCRBCA Class Cd: | CLASS5A |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|----------------------|-----------|---------------------|-------------------|------|----|
|---------|----------------------|-----------|---------------------|-------------------|------|----|

Depth to GW:
 GW Flow Dir Cod:
 Receptor Type Cd: DUBOIS, PAMELA M
 Rel Fin Type Cd:
 CoC Concentrate Cd:

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

Release No: 1
 Release Date: 12/20/1996
 Project Mgr: WS
 Confirmed Date: 1/20/1997
 Cleanup Comp Date:
 Cleanup Comp Mcl Dt: 2/25/2013
 RP Name: MCLEOD REGIONAL MEDICAL CENTER
 RP Address: 555 E CHEVES ST
 RP City: FLORENCE
 RP State: SC
 RP Zip: 29506-2617
 SSTL Estab Cd: MR
 SCRBCA Class Cd: CLASS2BB
 Depth to GW: 11
 GW Flow Dir Cod: SE
 Receptor Type Cd: RIVERS, MIKE S
 Rel Fin Type Cd: DEPT
 CoC Concentrate Cd:

| | | | | | | |
|--------------------|-------|----|--------------------|----------------|----------------------------------------------------------|-----|
| 13 | 2 of3 | SE | 0.48 / 2,559.24 | 138.84 / -5 | MERITA BAKERY 1153 E DAY ST FLORENCE SC 29506-2722 | RCR |
|--------------------|-------|----|--------------------|----------------|----------------------------------------------------------|-----|

Site ID: 03332
 REL: 1
 Tax Map ID: 90116-01-061
 Reported: 12/20/96
 CU>MCL: 02/25/13
 Latitude: 34.19895
 Longitude: -79.75333

| | | | | | | |
|--------------------|-------|----|--------------------|----------------|--------------------------------------------------|-----------------|
| 13 | 3 of3 | SE | 0.48 / 2,559.24 | 138.84 / -5 | PINTSCH GAS SITE 1153 E DAY ST FLORENCE SC | DELISTED LST |
|--------------------|-------|----|--------------------|----------------|--------------------------------------------------|-----------------|

Delisted Leaking Above Ground Storage Tanks Details

Site ID: 2425
 Release No: 1
 Project Manager: LANDMEYER DOLORES C
 Status: TRANSFER
 Impacted Code: YES
 Type:
 Release Date: 9/4/2003
 Confirmed: 6/13/2007
 NFA Dt:
 Transfer: 6/13/2007
 Product:
 Source:
 Tier:
 Truncated Note:
 Soil Impact Code:
 User Name: LANDMEDC
 Release Xfer Date: 6/13/2007
 Suspect NFA Date:

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------|------------------|----------------|------|----|
| Release Source Code: Cleanup Complete Dt: Local Fac Last Name: PINTSCH GAS SITE Local Fac First Name: Address 2: State Code: SC County: Florence Zip Code: 29506-2722 Local Fac County: 21 District Code: 8 Rp Identifier 1: MERITA BAKERY Rp Identifier 2: Product 2: Product 3: Product 4: Source 2: Source 3: Source 4: Original Source: LAST Record Date: 02-DEC-2019 | | | | | | |

| | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---|--------------------|----------------|-------------------------------------------------------------------------------------------------|-------------|
| 14 | 1 of 1 | W | 0.50 / 2,631.70 | 142.59 / -1 | FLORENCE CITY OF KWIK FILL SITE 500 N IRBY ST FLORENCE SC 29501-2812 | LUST |
| Permit: R 03499 Category: Retail Sales No of Tanks: 3 Billable: 0 Abandoned: 3 Other: 0 Last Inspection: 6/19/2008 Facility: FLORENCE CITY OF KWIK FILL SITE Facility Street: 500 N IRBY ST Facilit City: FLORENCE Facility State : SC Facility Zip: 29501-2812 County Code: 21 Fac County: Operator Phone: 843-665-3271 Business Address: 500 N IRBY ST FLORENCE SC 29501-2812 Tank Owner Business Addr: FLORENCE CITY OF 324 W EVANS ST FLORENCE SC 29501-3430 Land Owner Business Addr: FLORENCE CITY OF 324 W EVANS ST FLORENCE SC 29501-3430 Operator Business Addr: FLORENCE CITY OF 324 W EVANS ST FLORENCE SC 29501-3430 Facility Link: https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/03499 Data Source: DHEC Underground Storage Tank Registry (Web); DHEC Confirmed Release Report (LUST); DHEC LUST Data (EFIS) | | | | | | |
| Site No (EFIS): UST-03499 Facility Name (EFIS): FLORENCE CITY OF KWIK FILL SITE Fac Address (EFIS): 500 N IRBY ST Facility City (EFIS): FLORENCE Facility State (EFIS): SC Facility Zip (EFIS): 29501-2812 Facility (Web): FLORENCE CITY OF KWIK FILL SITE Address (Web): 500 N IRBY ST City (Web): FLORENCE Zip Code (Web): 29501-2812 County (Web): FLORENCE Phone (Web): Tank Owner Phone: 843-665-3271 Land Owner Phone: 843-665-3271 | | | | | | |

DHEC Online Registry - Release Report

| | |
|----------------------------------------------------------|----------------------------------------|
| Release No: 1 | Project Manager: DUNN, ROBERT A |
| Source: UST | Compliance Req: False |
| Reported: 12/19/1991 | Compliance Met: False |
| Confirmed: 12/19/1991 | Compliance Date: |
| RBCA/ Score: 2BA - Free product > 1 foot / 300300 | Abatement Met: 10/29/1992 |
| Responsible Party: CITY OF FLORENCE | NFA: |
| Product: | Fin Type: With SUPERB |
| Emergency Resp: | Fin Res Mechanism: |
| Superb Qualified: | Cleanup MCL: |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

| | | | |
|---------------------|--|--------------------|-----------|
| Superb Determ Date: | | Cleanup Initiated: | 2/25/1993 |
| Transferred: | | Cleanup Complete: | |

DHEC Confirmed Release Report

| | | | |
|------------------|---------------------------------|--------------|------------------------------------------|
| Release No: | 1 | Confirmed: | 12/19/1991 |
| NFA: | | Tank Owner: | FLORENCE CITY OF |
| Product: | PETRO | Status Desc: | Conducting Investigation/Risk Assessment |
| Proj Mgr: | DUNNRA | Score: | |
| Status: | 1 | Rank: | 2BA |
| Reported: | 12/19/1991 | | |
| Rank Desc: | Free product > 1 foot | | |
| Facility: | FLORENCE CITY OF KWIK FILL SITE | | |
| Facility Street: | 500 N IRBY ST | | |
| Facility City: | FLORENCE | | |
| Fac County: | Florence | | |
| Facility Zip: | 29501-2812 | | |
| Facility State: | SC | | |

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

| | |
|----------------------|--------------------|
| Release No: | 1 |
| Release Date: | 12/19/1991 |
| Project Mgr: | WS |
| Confirmed Date: | 12/19/1991 |
| Cleanup Comp Date: | |
| Cleanup Comp Mcl Dt: | |
| RP Name: | JARRELL OIL CO INC |
| RP Address: | 327 W LUCAS ST |
| RP City: | FLORENCE |
| RP State: | SC |
| RP Zip: | 29502-3608 |
| SSTL Estab Cd: | MR |
| SCRBCA Class Cd: | CLASS4BC |
| Depth to GW: | 5 |
| GW Flow Dir Cod: | RAD |
| Receptor Type Cd: | DUNN, ROBERT A |
| Rel Fin Type Cd: | DEPT |
| CoC Concentrate Cd: | |

| | | | | | | |
|--------------------|-------|---|--------------------|---------------|--------------------------------------------------------|-------------|
| 15 | 1 of1 | W | 0.53 / 2,803.29 | 145.01 / 1 | Florence MGP Site 553 North Irby St. Florence SC | REMEDIATION |
|--------------------|-------|---|--------------------|---------------|--------------------------------------------------------|-------------|

| | | | |
|--------------------|------------------------------------------------------------------------|-----------------------|----------------------|
| LWM File No: | 56445 | Lead Proj Mngr: | Lucas Berresford |
| Date: | 04/2007 | Lead Proj Mngr Email: | berresjl@dhec.sc.gov |
| County: | Florence | | |
| Tax Map Serial No: | | | |
| Location: | | | |
| Document Title: | Announcement of Record of Decision and Update of Administrative Record | | |
| Attachments URL: | | | |
| Document URL: | | | |

https://scdhec.gov/sites/default/files/docs/HomeAndEnvironment/Docs/mgp.pdf

| | | | | | | |
|--------------------|-------|-----|--------------------|---------------|--------------------------------------------------------------|-------------|
| 16 | 1 of1 | WSW | 0.86 / 4,537.50 | 143.94 / 0 | Commercial Tracts 150 North McQueen Street Florence SC | REMEDIATION |
|--------------------|-------|-----|--------------------|---------------|--------------------------------------------------------------|-------------|

| | | | |
|--------------------|--------------|-----------------------|---------------------|
| LWM File No: | 59489 | Lead Proj Mngr: | Jan Trent |
| Date: | 8/24/2022 | Lead Proj Mngr Email: | trentjc@dhec.sc.gov |
| County: | Florence | | |
| Tax Map Serial No: | 90073-15-033 | | |

| <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> |
|-------------------------|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------------------------|-------------|-----------|
| <hr/> | | | | | | |
| Location: | | The City of Florence property is located at 150 North McQueen Street, Florence, South Carolina ("Property"). The Property invludes approximately 1.41 acres and is bounded generally by W N B Barooddy Street the north, West Evans Street to the south, North Coit Street the east, and North McQueen Street to the west | | | | |
| Document Title: | | Responsible Party Voluntary Cleanup Contract 22-7674-RP | | | | |
| Attachments URL: | | | | | | |
| Document URL: | | | | | | |

https://scdhec.gov/sites/default/files/media/document/Executed%20VCC%2022-7674-RP.pdf

Unplottable Summary

Total: 2 Unplottable sites

| DB | Company Name/Site Name | Address | City | Zip | ERIS ID |
|-----------|------------------------|----------------------------------------------------------------|-------------|-------|-----------|
| FINDS/FRS | SEABOARD SYSTEM RR | OAKLAND AVE | FLORENCE SC | 29506 | 816996011 |
| | | Registry ID: 110017047195 | | | |
| UST | SEABOARD SYSTEM RR | OAKLAND AVE | FLORENCE SC | 29506 | 820418522 |
| | | Site No: 3238 Tank No / Status: 1 Abandoned | | | |

Unplottable Report

Site: SEABOARD SYSTEM RR
OAKLAND AVE FLORENCE SC 29506

FINDS/FRS

Registry ID: 110017047195
FIPS Code: 45041
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 10-MAR-04
Update Date:
Interest Types: STATE MASTER
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No:
Census Block Code:
EPA Region Code: 04
County Name: FLORENCE
US/Mexico Border Ind:
Latitude:
Longitude:
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110017047195
Data Source: Facility Registry Service - Single File
Program Acronyms:

Site: SEABOARD SYSTEM RR
OAKLAND AVE FLORENCE SC 29506

UST

| | | | |
|-------------------------------------|----------------------------------------------|------------------------------|--------------------|
| Site No: | 3238 | Facility ID (Prohib): | |
| Permit: | N 03238 | Fac Name (Prohib): | |
| Category: | | Fac Addr (Prohib): | |
| No of Tanks: | 1 | Fac City (Prohib): | |
| Billable: | 0 | Facility Name (Web): | SEABOARD SYSTEM RR |
| Abandoned: | 1 | Facility Addr (Web): | OAKLAND AVE |
| Other: | 0 | Facility City (Web): | FLORENCE |
| Last Inspection: | | Zip Code (Web): | 29506 |
| Facility Name: | SEABOARD SYSTEM RR | County (Web): | |
| Facility Address: | OAKLAND AVE | Phone (Web): | |
| Facility Zip: | 29506 | Tank Owner Phone: | 904-359-1986 |
| Facility Phone: | | Land Owner Phone: | |
| Facility State: | SC | Operator Phone: | |
| Facility City: | FLORENCE | Facility Contact: | J SHEFFIELD |
| County Code: | 21 | | |
| Business Address: | OAKLAND AVE FLORENCE SC 29506 | | |
| Tank Owner Business Address: | SEABOARD SYSTEM RAILROAD INC 500 WATER ST | | |

Land Owner Business Address:**Operator Business Address:****Facility Link:**<https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/03238>**Source:**

DHEC Underground Storage Tank Registry (Web); DHEC Management Tracking UST 'C' List

Tank Information - UST Registry Search

| | | | |
|---------------------------|-----------|---------------------------|------------------------------|
| Tank No: | 1 | Chem: | |
| Case No: | | Left Gal: | 0 |
| Class: | R | Owner at ABD: | SEABOARD SYSTEM RAILROAD INC |
| Status: | Abandoned | Last Use: | |
| Capacity: | 500 | Aband: | 11/11/1911 |
| 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: | Other metal (copper) |
| Dist to Well (ft): | | Piping Type: | |
| Tank Leak Det: | | | |
| Pipe Leak Det: | | | |

Tank Information - UST 'C' List

| | | | |
|-----------------------------|------------------------------|--------------------------|--------------------|
| Tank No: | 1 | Tank Owner State: | FL |
| Capacity Gal: | 500 | Tank Owner Zip: | 32202-4423 |
| Status Code: | ABD | Tank Owner Phone: | 904-359-1986 |
| Status: | Abandoned | Facility: | SEABOARD SYSTEM RR |
| Chemical: | KN | Contact 1: | J SHEFFIELD |
| Age at Notif. Years: | | Phone 1: | |
| Owner: | SEABOARD SYSTEM RAILROAD INC | Facility Address: | OAKLAND AVE |
| Tank Owner Contact: | J SHEFFIELD | City 1: | FLORENCE |
| Street: | 500 WATER ST | St 1: | SC |
| Tank Owner City: | JACKSONVILLE | Zip 1: | 29506 |

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: Dec 13, 2024

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: Dec 13, 2024

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: Dec 13, 2024

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: Nov 20, 2024

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: Jan 22, 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: Jan 7, 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: Jan 22, 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: Jan 22, 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: 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 (CO₂e) 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: Aug 1, 2024

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 agricultural facilities (animal farms) 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 DHEC made no warranty, representation or guarantee as to the content, sequence, accuracy, timeliness or completeness of the data information provided herein.

Government Publication Date: Jan 23, 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: | 25041700670p |
| Date Completed: | April 28, 2025 |
| Project Number: | 24-446236.3 |
| Project Property: | Oakland Place 711 Oakland Avenue FLORENCE SC |
| Coordinates: | |
| Latitude: | 34.206144 |
| Longitude: | -79.759154 |
| UTM Northing: | 3785649.80487 Meters |
| UTM Easting: | 614380.302298 Meters |
| UTM Zone: | UTM Zone 17S |
| Elevation: | 143.60 ft |
| Slope Direction: | SSW |

| | |
|-----------------------------------|----|
| Topographic Information..... | 2 |
| Hydrologic Information..... | 4 |
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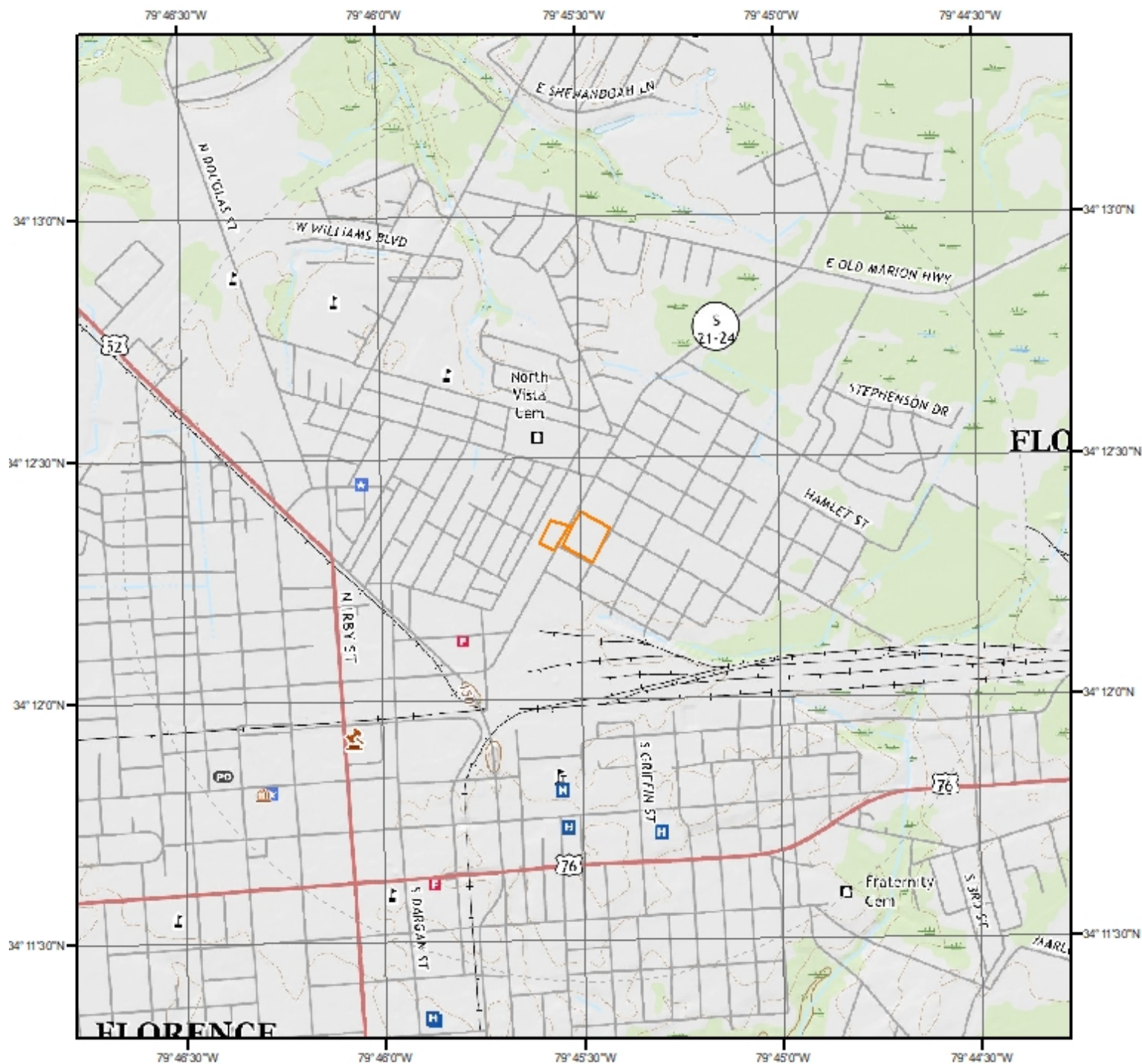
The ERIS **Physical Setting Report - PSR** provides comprehensive information about the physical setting around a site and includes a complete overview of topography and surface topology, in addition to hydrologic, geologic and soil characteristics. The location and detailed attributes of oil and gas 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): Florence West,SC; Florence East,SC

Source: USGS 7.5 Minute Topographic Map

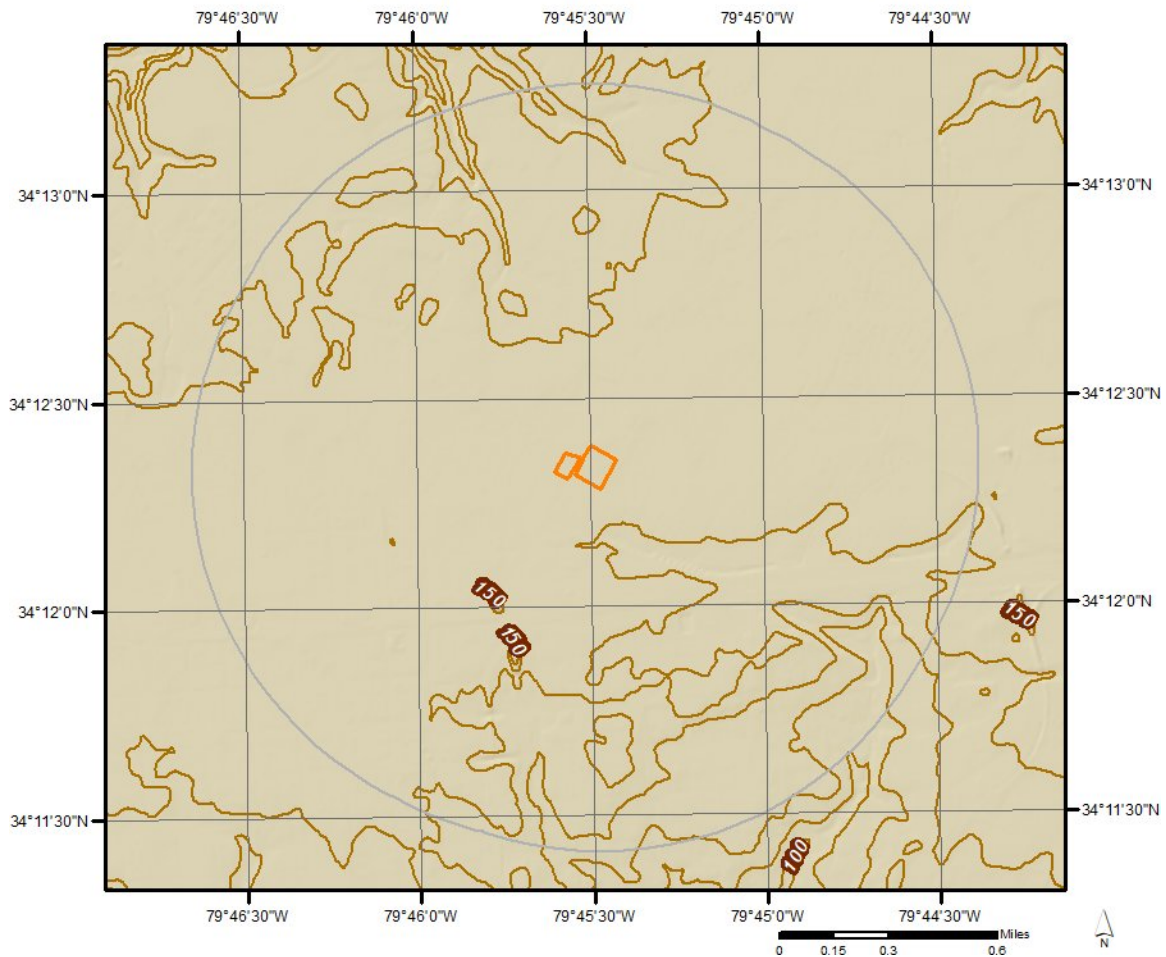


Topographic Information

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:

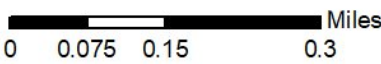
Elevation: 143.60 ft
Slope Direction: SSW



Hydrologic Information



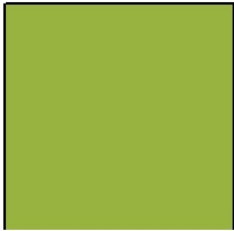
Wetland



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
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland

- Freshwater Pond
- Lake
- Other
- 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
-  Regulatory Floodway
-  Special Floodway
-  Area of Undetermined Flood Hazard

-  0.2% Annual Chance Flood Hazard
-  Future Conditions 1% Annual Chance Flood Hazard
-  Area with Reduced Risk Due to Levee
-  Area with Risk Due to Levee
-  Open Water

Quadrangle(s): Florence West, SC;
Florence East, SC

0 0.075 0.15 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: 45031C0460C(effective:2013-02-06) 45041C0134E(effective:2014-12-16)

Flood Zone X-12

Zone: X
Zone subtype: AREA OF MINIMAL FLOOD HAZARD

FEMA Flood Zone Definitions

Special Flood Hazard Areas – High Risk

Special Flood Hazard Areas represent the area subject to inundation by 1-percent-annual chance flood. Structures located within the SFHA have a 26-percent chance of flooding during the life of a standard 30-year mortgage. Federal floodplain management regulations and mandatory flood insurance purchase requirements apply in these zones.

| ZONE | DESCRIPTION |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A | Areas subject to inundation by the 1-percent-annual-chance flood event. Because detailed hydraulic analyses have not been performed, no Base Flood Elevations (BFEs) or flood depths are shown. |
| AE, A1-A30 | Areas subject to inundation by the 1-percent-annual-chance flood event determined by detailed methods. BFEs are shown within these zones. (Zone AE is used on new and revised maps in place of Zones A1–A30.) |
| AH | Areas subject to inundation by 1-percent-annual-chance shallow flooding (usually areas of ponding) where average depths are 1–3 feet. BFEs derived from detailed hydraulic analyses are shown in this zone. |
| AO | Areas subject to inundation by 1-percent-annual-chance shallow flooding (usually sheet flow on sloping terrain) where average depths are 1–3 feet. Average flood depths derived from detailed hydraulic analyses are shown within this zone. |
| AR | Areas that result from the decertification of a previously accredited flood protection system that is determined to be in the process of being restored to provide base flood protection. |
| A99 | Areas subject to inundation by the 1-percent-annual-chance flood event, but which will ultimately be protected upon completion of an under-construction Federal flood protection system. These are areas of special flood hazard where enough progress has been made on the construction of a protection system, such as dikes, dams, and levees, to consider it complete for insurance rating purposes. Zone A99 may be used only when the flood protection system has reached specified statutory progress toward completion. No BFEs or flood depths are shown. |

Coastal High Hazard Areas – High Risk

Coastal High Hazard Areas (CHHA) represent the area subject to inundation by 1-percent-annual chance flood, extending from offshore to the inland limit of a primary front al dune along an open coast and any other area subject to high velocity wave action from storms or seismic sources. Structures located within the CHHA have a 26-percent chance of flooding during the life of a standard 30-year mortgage. Federal floodplain management regulations and mandatory purchase requirements apply in these zones.

| ZONE | DESCRIPTION |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| V | Areas along coasts subject to inundation by the 1-percent-annual-chance flood event with additional hazards associated with storm-induced waves. Because detailed coastal analyses have not been performed, no BFEs or flood depths are shown. |
| VE, V1-V30 | Areas along coasts subject to inundation by the 1-percent-annual-chance flood event with additional hazards due to storm-induced velocity wave action. BFEs derived from detailed hydraulic coastal analyses are shown within these zones. (Zone VE is used on new and revised maps in place of Zones V1–V30.) |

Hydrologic Information

Moderate and Minimal Risk Areas

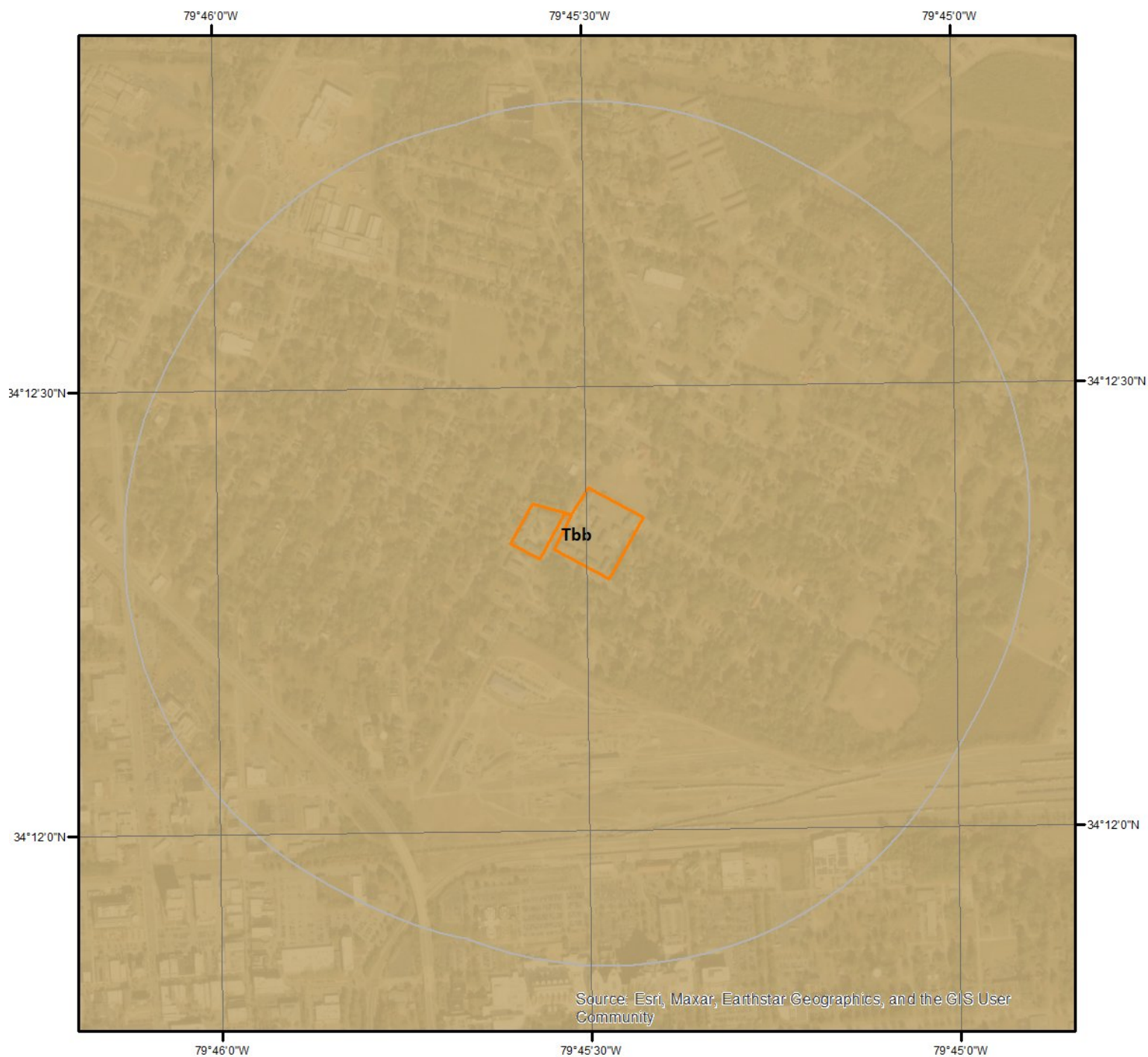
Areas of moderate or minimal hazard are studied based upon the principal source of flood in the area. However, buildings in these zones could be flooded by severe, concentrated rainfall coupled with inadequate local drainage systems. Local stormwater drainage systems are not normally considered in a community's flood insurance study. The failure of a local drainage system can create areas of high flood risk within these zones. Flood insurance is available in participating communities, but is not required by regulation in these zones. Nearly 25-percent of all flood claims filed are for structures located within these zones.

| ZONE | DESCRIPTION |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B, X (shaded) | Moderate risk areas within the 0.2-percent-annual-chance floodplain, areas of 1-percent-annual-chance flooding where average depths are less than 1 foot, areas of 1-percent-annual-chance flooding where the contributing drainage area is less than 1 square mile, and areas protected from the 1-percent-annual-chance flood by a levee. No BFEs or base flood depths are shown within these zones. (Zone X (shaded) is used on new and revised maps in place of Zone B.) |
| C, X (unshaded) | Minimal risk areas outside the 1-percent and .2-percent-annual-chance floodplains. No BFEs or base flood depths are shown within these zones. (Zone X (unshaded) is used on new and revised maps in place of Zone C.) |

Undetermined Risk Areas

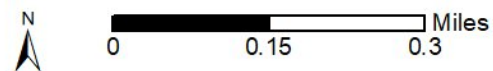
| ZONE | DESCRIPTION |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| D | Unstudied areas where flood hazards are undetermined, but flooding is possible. No mandatory flood insurance purchase requirements apply, but coverage is available in participating communities. |

Geologic Information



Geologic Units

This maps shows geologic units in the area. Please refer to the report for detailed descriptions.



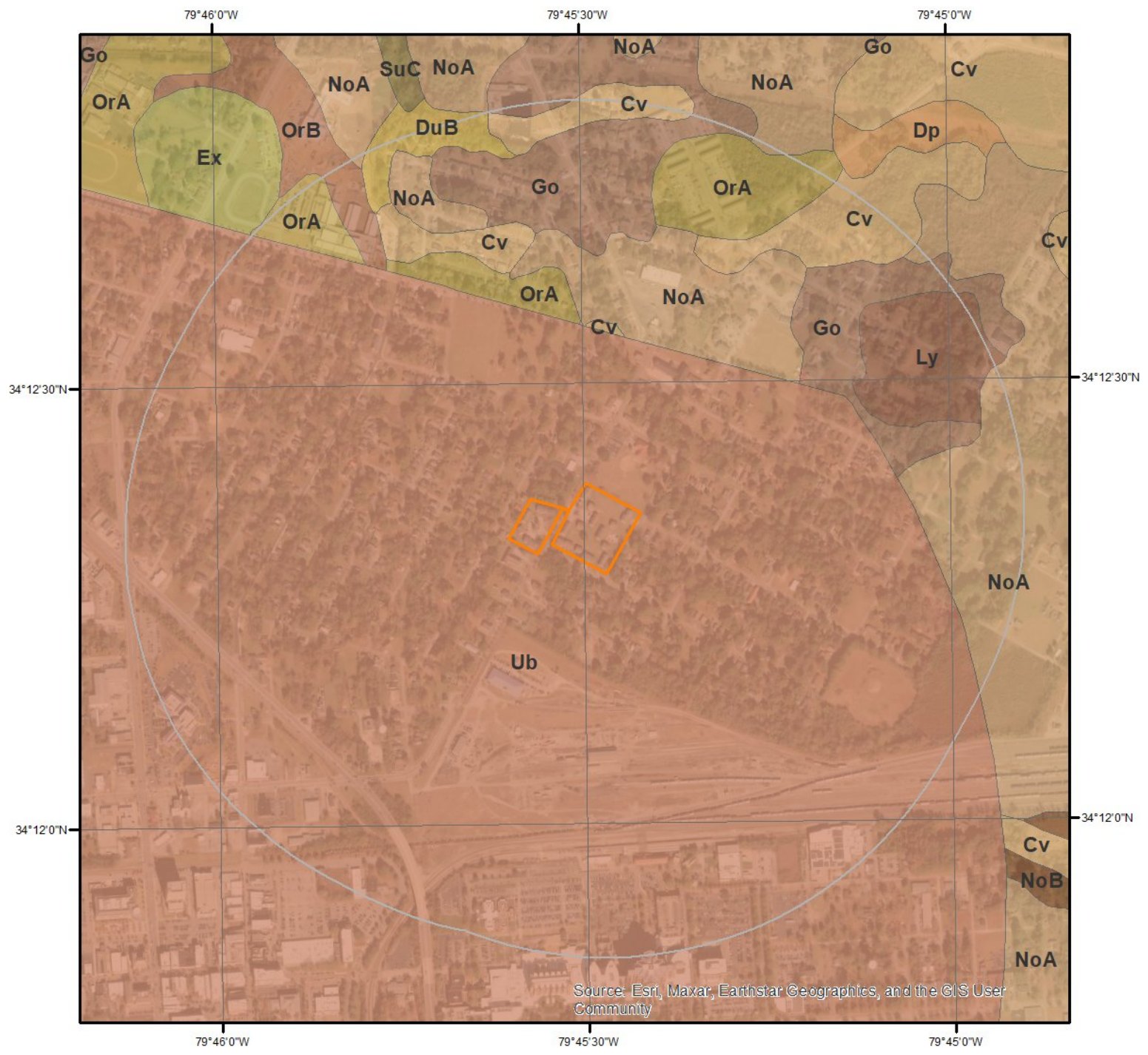
Geologic Information

The previous page shows USGS geology information. Detailed information about each unit is provided below.

Geologic Unit Tbb

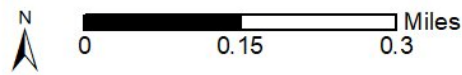
| | |
|----------------------|----------------------------------------------------------------------------------------|
| Unit Name: | Bear Bluff Formation |
| Unit Age: | Pliocene |
| Primary Rock Type: | Sand |
| Secondary Rock Type: | Limestone |
| Unit Description: | One of the older coastal terrace sequences in the Carolinas. Equivalent to Windsor Fm. |

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 Cv (0.74%)

| | |
|--------------------------------|----------------------------------------------------------------------------------------------------------------|
| Map Unit Name: | Coxville fine sandy loam |
| Bedrock Depth - Min: | null |
| Watertable Depth - Annual Min: | 0cm |
| Drainage Class - Dominant: | Poorly 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

| | |
|-----------------------------|-----------------|
| Coxville(95%) | |
| horizon Ap(0cm to 15cm) | Fine sandy loam |
| horizon Btg1(15cm to 56cm) | Sandy clay loam |
| horizon Btg2(56cm to 190cm) | Sandy clay |

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Cv - Coxville fine sandy loam

Component: Coxville (95%)

The Coxville component makes up 95 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats, marine terraces, coastal plains. The parent material consists of clayey 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 moderate. 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 3 percent. Nonirrigated land capability classification is 3w. This soil meets hydric criteria.

Map Unit DuB (0.17%)

| | |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Map Unit Name: | Duplin and Exum soils, 2 to 6 percent slopes |
| Bedrock Depth - Min: | null |
| Watertable Depth - Annual Min: | 61cm |
| Drainage Class - Dominant: | Moderately 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

| | |
|------------------------------|-----------------|
| Duplin(50%) | |
| horizon Ap(0cm to 28cm) | Fine sandy loam |
| horizon Bt1(28cm to 107cm) | Clay loam |
| horizon Btg2(107cm to 183cm) | Clay |
| Goldsboro(30%) | |
| horizon Ap(0cm to 18cm) | Loamy sand |
| horizon E(18cm to 96cm) | Loamy sand |
| horizon Bt(96cm to 183cm) | Sandy clay loam |

Component Description:

Minor map unit components are excluded from this report.

Map Unit: DuB - Duplin and Exum soils, 2 to 6 percent slopes

Soil Information

Component: Duplin (50%)

The Duplin component makes up 50 percent of the map unit. Slopes are 2 to 6 percent. This component is on marine terraces, coastal plains. The parent material consists of clayey 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 high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 24 inches during January, February, March, April, 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: Goldsboro (30%)

The Goldsboro component makes up 30 percent of the map unit. Slopes are 2 to 5 percent. This component is on marine terraces, coastal plains. The parent material consists of 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 high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 30 inches during January, February, March, April, 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.

Map Unit Go (1.46%)

| | |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Map Unit Name: | Goldsboro loamy sand |
| Bedrock Depth - Min: | null |
| Watertable Depth - Annual Min: | 61cm |
| 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

Goldsboro(90%)

| | |
|---------------------------|-----------------|
| horizon Ap(0cm to 18cm) | Loamy sand |
| horizon E(18cm to 96cm) | Loamy sand |
| horizon Bt(96cm to 183cm) | Sandy clay loam |

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Go - Goldsboro loamy sand

Component: Goldsboro (90%)

The Goldsboro component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on marine terraces, 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 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 high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 24 inches during January, February, March, April, December. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria.

Component: Pantego (2%)

Generated brief soil descriptions are created for major soil components. The Pantego soil is a minor component.

Component: Coxville (2%)

Generated brief soil descriptions are created for major soil components. The Coxville soil is a minor component.

Component: Rains (2%)

Generated brief soil descriptions are created for major soil components. The Rains soil is a minor component.

Map Unit Ly (0.4%)

| | |
|--------------------------------|---------------------------------------------|
| Map Unit Name: | Lynchburg sandy loam, 0 to 2 percent slopes |
| Bedrock Depth - Min: | null |
| Watertable Depth - Annual Min: | 15cm |
| Drainage Class - Dominant: | Somewhat poorly drained |

Soil Information

Hydrologic Group - Dominant:

B/D - These soils have moderately low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Lynchburg(88%)

horizon Ap(0cm to 18cm)

Sandy loam

horizon Bt(18cm to 36cm)

Sandy clay loam

horizon Btg(36cm to 203cm)

Sandy clay loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Ly - Lynchburg sandy loam, 0 to 2 percent slopes

Component: Lynchburg (88%)

The Lynchburg component makes up 88 percent of the map unit. Slopes are 0 to 2 percent. This component is on 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 somewhat poorly 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 6 inches during January, February, March, April, November, December. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria.

Component: Goldsboro (6%)

Generated brief soil descriptions are created for major soil components. The Goldsboro soil is a minor component.

Component: Coxville (6%)

Generated brief soil descriptions are created for major soil components. The Coxville, drained soil is a minor component.

Map Unit NoA (8.24%)

Map Unit Name:

Norfolk loamy sand, 0 to 2 percent slopes

Bedrock Depth - Min:

null

Watertable Depth - Annual Min:

122cm

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

Norfolk(90%)

horizon Ap(0cm to 20cm)

Loamy sand

horizon E(20cm to 33cm)

Loamy sand

horizon Bt1(33cm to 173cm)

Sandy clay loam

horizon Bt2(173cm to 203cm)

Sandy clay loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: NoA - Norfolk loamy sand, 0 to 2 percent slopes

Component: Norfolk (90%)

The Norfolk component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on marine terraces, 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 well 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 not flooded. It is not ponded. A seasonal zone of water saturation is at 48 inches during January, February, March. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 1. 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.

Soil Information

Component: Pantego (2%)

Generated brief soil descriptions are created for major soil components. The Pantego soil is a minor component.

Component: Coxville (2%)

Generated brief soil descriptions are created for major soil components. The Coxville soil is a minor component.

Map Unit OrA (0.66%)

| | |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Map Unit Name: | Orangeburg loamy sand, 0 to 2 percent slopes |
| Bedrock Depth - Min: | null |
| Watertable Depth - Annual Min: | null |
| 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

| | |
|---------------------------|-----------------|
| Orangeburg(95%) | |
| horizon A(0cm to 25cm) | Loamy sand |
| horizon E(25cm to 41cm) | Loamy sand |
| horizon Bt(41cm to 203cm) | Sandy clay loam |

Component Description:

Minor map unit components are excluded from this report.

Map Unit: OrA - Orangeburg loamy sand, 0 to 2 percent slopes

Component: Orangeburg (95%)

The Orangeburg component makes up 95 percent of the map unit. Slopes are 0 to 2 percent. This component is on marine terraces, 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 well 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 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 1. This soil does not meet hydric criteria.

Map Unit OrB (0.66%)

| | |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Map Unit Name: | Orangeburg loamy sand, 2 to 6 percent slopes |
| Bedrock Depth - Min: | null |
| Watertable Depth - Annual Min: | null |
| 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

| | |
|---------------------------|-----------------|
| Orangeburg(95%) | |
| horizon A(0cm to 25cm) | Loamy sand |
| horizon E(25cm to 41cm) | Loamy sand |
| horizon Bt(41cm to 203cm) | Sandy clay loam |

Component Description:

Minor map unit components are excluded from this report.

Map Unit: OrB - Orangeburg loamy sand, 2 to 6 percent slopes

Component: Orangeburg (95%)

The Orangeburg component makes up 95 percent of the map unit. Slopes are 2 to 6 percent. This component is on marine terraces, 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 well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of

Soil Information

60 inches (or restricted depth) is moderate. 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 2e. This soil does not meet hydric criteria.

Map Unit Ub (87.67%)

| | |
|--------------------------------|-----------------------------------------|
| Map Unit Name: | Urban land-Coxville-Norfolk association |
| Bedrock Depth - Min: | null |
| Watertable Depth - Annual Min: | 0cm |
| Drainage Class - Dominant: | null |
| Hydrologic Group - Dominant: | null |

Major components are printed below

Norfolk(15%)

| | |
|-----------------------------|-----------------|
| horizon Ap(0cm to 20cm) | Loamy sand |
| horizon E(20cm to 33cm) | Loamy sand |
| horizon Bt1(33cm to 173cm) | Sandy clay loam |
| horizon Bt2(173cm to 203cm) | Sandy clay loam |

Coxville(15%)

| | |
|-----------------------------|-----------------|
| horizon Ap(0cm to 15cm) | Fine sandy loam |
| horizon Btg1(15cm to 56cm) | Sandy clay loam |
| horizon Btg2(56cm to 190cm) | Sandy clay |

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Ub - Urban land-Coxville-Norfolk association

Component: Urban land (60%)

Generated brief soil descriptions are created for major soil components. The Urban land is a miscellaneous area.

Component: Coxville (15%)

The Coxville component makes up 15 percent of the map unit. Slopes are 0 to 2 percent. This component is on marine terraces, coastal plains. The parent material consists of 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 moderate. 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 3 percent. Nonirrigated land capability classification is 3w. This soil meets hydric criteria.

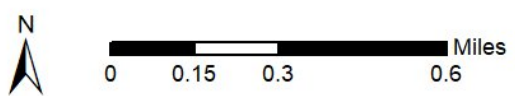
Component: Norfolk (15%)

The Norfolk component makes up 15 percent of the map unit. Slopes are 0 to 2 percent. This component is on marine terraces, coastal plains. The parent material consists of 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 high. Available water to a depth of 60 inches (or restricted depth) is moderate. 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. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 1. This soil does not meet hydric criteria.

Wells and Additional Sources



Wells & Additional Sources



- | | |
|--------------------------------|------------------------------------|
| ▲ 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 |
|---------|-----------|---------------|-----------|
| 15 | SC2110002 | 3543.59 | SW |
| 19 | SC2120004 | 3968.80 | SW |
| 25 | SC2110001 | 4625.97 | SW |

Safe Drinking Water Information System (SDWIS)

| Map Key | PWS ID | Distance (ft) | Direction |
|---------|-----------|---------------|-----------|
| 3 | SC2170919 | 2099.73 | NE |
| 15 | SC2110002 | 3543.59 | SW |
| 19 | SC2120004 | 3968.80 | SW |
| 25 | SC2110001 | 4625.97 | SW |
| 26 | SC2170107 | 4862.46 | SSW |
| 26 | SC2170118 | 4862.46 | SSW |

USGS National Water Information System

| Map Key | Site No | Distance (ft) | Direction |
|---------|----------------------|---------------|-----------|
| 1 | USGS-341202079453500 | 1542.08 | S |
| 2 | USGS-341155079453001 | 2169.63 | S |
| 4 | USGS-341155079452501 | 2195.23 | SSE |
| 5 | USGS-341210079461500 | 2337.72 | SW |
| 6 | USGS-341152079453001 | 2472.05 | S |
| 7 | USGS-341153079455000 | 2821.87 | SSW |
| 7 | USGS-341153079455001 | 2821.87 | SSW |
| 8 | USGS-341145079453001 | 3180.25 | S |
| 9 | USGS-341147079451509 | 3202.37 | SSE |
| 10 | USGS-341145079454001 | 3308.95 | S |
| 11 | USGS-341145079454501 | 3432.88 | SSW |
| 12 | USGS-341148079450803 | 3376.27 | SSE |
| 12 | USGS-341148079450802 | 3376.27 | SSE |
| 12 | USGS-341148079450800 | 3376.27 | SSE |
| 12 | USGS-341148079450801 | 3376.27 | SSE |
| 13 | USGS-341150079455909 | 3457.28 | SW |
| 14 | USGS-341157079445501 | 3471.70 | SE |
| 16 | USGS-341152079460500 | 3595.17 | SW |
| 16 | USGS-341152079460501 | 3595.17 | SW |
| 16 | USGS-341152079460509 | 3595.17 | SW |
| 17 | USGS-341157079444503 | 3920.43 | ESE |
| 18 | USGS-341154079461200 | 3870.12 | SW |
| 20 | USGS-341200079444100 | 4040.11 | ESE |
| 22 | USGS-341153079462501 | 4059.83 | WSW |
| 22 | USGS-341159079461900 | 4059.83 | WSW |
| 23 | USGS-341157079444502 | 4212.36 | ESE |
| 24 | USGS-341240079462509 | 4558.38 | WNW |
| 27 | USGS-341159079443200 | 5051.70 | ESE |
| 27 | USGS-341159079443201 | 5051.70 | ESE |
| 29 | USGS-341157079445500 | 5161.29 | ESE |
| 30 | USGS-341135079445109 | 5269.63 | SE |

State Sources

Wells and Additional Sources Summary

Coastal Plain Well Records

| Map Key | Well ID | Distance (ft) | Direction |
|---------|---------|---------------|-----------|
| 1 | FLO-117 | 1542.08 | S |
| 2 | FLO-342 | 2169.63 | S |
| 4 | FLO-338 | 2195.23 | SSE |
| 4 | FLO-339 | 2195.23 | SSE |
| 5 | FLO-33 | 2337.72 | SW |
| 6 | FLO-343 | 2472.05 | S |
| 7 | FLO-198 | 2821.87 | SSW |
| 7 | FLO-4 | 2821.87 | SSW |
| 8 | FLO-336 | 3180.25 | S |
| 9 | FLO-83 | 3202.37 | SSE |
| 10 | FLO-334 | 3308.95 | S |
| 11 | FLO-340 | 3432.88 | SSW |
| 12 | FLO-124 | 3376.27 | SSE |
| 12 | FLO-112 | 3376.27 | SSE |
| 12 | FLO-123 | 3376.27 | SSE |
| 12 | FLO-149 | 3376.27 | SSE |
| 13 | FLO-258 | 3457.28 | SW |
| 14 | FLO-101 | 3471.70 | SE |
| 16 | FLO-3 | 3595.17 | SW |
| 16 | FLO-240 | 3595.17 | SW |
| 16 | FLO-1 | 3595.17 | SW |
| 17 | FLO-97 | 3920.43 | ESE |
| 18 | FLO-2 | 3870.12 | SW |
| 20 | FLO-99 | 4040.11 | ESE |
| 21 | FLO-321 | 4111.99 | ESE |
| 22 | FLO-127 | 4059.83 | WSW |
| 22 | FLO-5 | 4059.83 | WSW |
| 23 | FLO-121 | 4212.36 | ESE |
| 24 | FLO-131 | 4558.38 | WNW |
| 27 | FLO-108 | 5051.70 | ESE |
| 27 | FLO-109 | 5051.70 | ESE |
| 28 | FLO-100 | 5129.06 | ESE |
| 30 | FLO-208 | 5269.63 | SE |

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 |
|---------|----|---------------|-----------|
|---------|----|---------------|-----------|

Wells and Additional Sources Summary

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 |
|---------|-----------|---------------|---------------|----------------|------|
| 15 | SW | 0.67 | 3,543.59 | 142.55 | PWSV |

PWS ID: SC2110002
 PWS Type Code: CWS
 PWS Type Description: Community water system
 Primary Source Code: GW
 Primary Source Desc: Ground water
 PWS Activity Code: I
 PWS Activity Description: Inactive
 PWS Deactivation Date: 05/01/1999
 Zip Code: 29501
 Phone No: 843-665-3105
 Phone Ext No:
 Admin Name:
 Alt Phone No:
 Email Addr:
 Fax No:
 Cds ID:
 Population Served Count: 955
 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:
 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: 501-1,000
 Pop Cat 2: <10,000
 Pop Cat 3: <=3300
 Pop Cat 4: <10K
 Pop Cat 5: 501-3,300
 Primacy Agency: South Carolina
 Season Begin Date: 01-01

Wells and Additional Sources Detail Report

Season End Date: 12-31
Service Connections Count: 341
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: Florence

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|------|
| 19 | SW | 0.75 | 3,968.80 | 142.17 | PWSV |

PWS ID: SC2120004
PWS Type Code: CWS
PWS Type Description: Community water system
Primary Source Code: GWP
Primary Source Desc: Ground water purchased
PWS Activity Code: N
PWS Activity Description: Changed from public to non-public
PWS Deactivation Date: 07/26/2004
Zip Code: 29501
Phone No: 843-665-3037
Phone Ext No:
Admin Name:
Alt Phone No:
Email Addr:
Fax No:
Cds ID:
Population Served Count: 0
Epa Region Desc: Region 4
Epa Region: 04
First Reported Date: 08/29/1989
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:
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
Season End Date: 12-31
Service Connections Count: 151
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: Florence

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|------|
| 25 | SW | 0.88 | 4,625.97 | 141.55 | PWSV |

PWS ID: SC2110001
PWS Type Code: CWS
PWS Type Description: Community water system
Primary Source Code: SW
Primary Source Desc: Surface water
PWS Activity Code: A
PWS Activity Description: Active
PWS Deactivation Date:
Zip Code: 29501
Phone No: 843-665-3113
Phone Ext No:
Admin Name: HEMINGWAY, MICHAEL

Wells and Additional Sources Detail Report

Alt Phone No:
Email Addr: mhemingway@cityofflorence.com
Fax No: 843-665-3200
Cds ID:
Population Served Count: 74204
Epa Region Desc: Region 4
Epa Region: 04
First Reported Date: 02/10/1979
Gw or Sw: Surface water
Gw Sw Code: SW
Is Grant Eligible Ind: Yes
Outstanding Performer:
Is School or Daycare Ind: No
Is Source Water Protection: No
Is Wholesaler Ind: No
Lt2 Schedule Cat:
Lt2 Schedule Cat Code:
Last Reported Date: 08/28/2023
Org Name: HEMINGWAY, MICHAEL
Outstanding Perform
Begin Date:
Owner Type: Local government
Pop Cat 11: 50,001-100,000
Pop Cat 2: 10,000+
Pop Cat 3: >50,000
Pop Cat 4: 50K-99,999
Pop Cat 5: 10,001-100,000
Primacy Agency: South Carolina
Season Begin Date:
Season End Date:
Service Connections Count: 33710
Submission Status Code: Y
Submissionyearquarter: 2023Q3
Primacy Type: State
Dbpr Schedule Category: System serving 50K to 99,999 people OR belonging to a CDS in which the largest system serves 50K to
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: FLORENCE
County Served: Florence

Safe Drinking Water Information System (SDWIS)

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|----|
|---------|-----------|---------------|---------------|----------------|----|

Wells and Additional Sources Detail Report

3 NE 0.40 2,099.73 143.49 SDWIS

PWS ID: SC2170919
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: 03/14/2008
Phone No: 843-669-3981
Phone Ext No:
Admin Name: NETTLES, MELVIN
Alt Phone No:
Email Addr:
Fax No:
Cds ID:
Population Served Count: 0
Epa Region Desc: Region 4
Epa Region: 04
First Reported Date: 11/15/2007
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: NETTLES, MELVIN
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: 1
Submission Yr Qtr: 2023Q3
Primacy Type: State
Dbpr Schedule Category:
Submission Status: Reported and accepted

Wells and Additional Sources Detail Report

Reduced Monitoring
 Begin:
 Reduced Monitoring End
 Date:
 Reduced Rtr Monitoring:
 Seasonal Startup System:
 Source Protection Begin
 Date:
 City Served:
 County Served: Florence

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|-------|
| 15 | SW | 0.67 | 3,543.59 | 142.55 | SDWIS |

PWS ID: SC2110002
 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: 05/01/1999
 Phone No: 843-665-3105
 Phone Ext No:
 Admin Name:
 Alt Phone No:
 Email Addr:
 Fax No:
 Cds ID:
 Population Served Count: 955
 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: 11/19/2004
 Org Name:
 Outstanding Perform
 Begin Date:
 Owner Type: Local government
 Pop Cat 11: 501-1,000
 Pop Cat 2: <10,000
 Pop Cat 3: <=3300
 Pop Cat 4: <10K
 Pop Cat 5: 501-3,300

Wells and Additional Sources Detail Report

Primacy Agency: South Carolina
Primacy Agency Code: SC
Season Begin Date: 01-01
Season End Date: 12-31
Service Connections Count: 341
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: Florence

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|-------|
| 19 | SW | 0.75 | 3,968.80 | 142.17 | SDWIS |

PWS ID: SC2120004
PWS Type Code: CWS
PSW Type: Community water system
Primary Source Code: GWP
Primary Source: Ground water purchased
Pws Activity Code: N
Activity: Changed from public to non-public
PWS Deactivation Dt: 07/26/2004
Phone No: 843-665-3037
Phone Ext No:
Admin Name:
Alt Phone No:
Email Addr:
Fax No:
Cds ID:
Population Served Count: 0
Epa Region Desc: Region 4
Epa Region: 04
First Reported Date: 08/29/1989
Gw or Sw: Groundwater
Is Grant Eligible Ind: No
Outstanding Performer:
Is School or Daycare Ind: No
Is Wholesaler Ind: No
Lt2 Schedule Cat:

Wells and Additional Sources Detail Report

Last Reported Date: 08/28/2023
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: 151
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: Florence

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|-------|
| 25 | SW | 0.88 | 4,625.97 | 141.55 | SDWIS |

PWS ID: SC2110001
PWS Type Code: CWS
PSW Type: Community water system
Primary Source Code: SW
Primary Source: Surface water
Pws Activity Code: A
Activity: Active
PWS Deactivation Dt:
Phone No: 843-665-3113
Phone Ext No:
Admin Name: HEMINGWAY, MICHAEL
Alt Phone No:
Email Addr: mhemingway@cityofflorence.com
Fax No: 843-665-3200
Cds ID:

Wells and Additional Sources Detail Report

Population Served Count: 74204
Epa Region Desc: Region 4
Epa Region: 04
First Reported Date: 02/10/1979
Gw or Sw: Surface water
Is Grant Eligible Ind: Yes
Outstanding Performer:
Is School or Daycare Ind: No
Is Wholesaler Ind: No
Lt2 Schedule Cat:
Last Reported Date: 08/28/2023
Org Name: HEMINGWAY, MICHAEL
Outstanding Perform
Begin Date:
Owner Type: Local government
Pop Cat 11: 50,001-100,000
Pop Cat 2: 10,000+
Pop Cat 3: >50,000
Pop Cat 4: 50K-99,999
Pop Cat 5: 10,001-100,000
Primacy Agency: South Carolina
Primacy Agency Code: SC
Season Begin Date:
Season End Date:
Service Connections Count: 33710
Submission Yr Qtr: 2023Q3
Primacy Type: State
Dbpr Schedule Category: System serving 50K to 99,999 people OR belonging to a CDS in which the largest system serves 50K to
Submission Status: Reported and accepted
Reduced Monitoring Begin:
Reduced Monitoring End Date:
Reduced Rtr Monitoring:
Seasonal Startup System:
Source Protection Begin Date:
City Served: FLORENCE
County Served: Florence

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|-------|
| 26 | SSW | 0.92 | 4,862.46 | 139.37 | SDWIS |

PWS ID: SC2170107
PWS Type Code: NTNCWS
PSW Type: Non-Transient non-community system
Primary Source Code: GW
Primary Source: Ground water

Wells and Additional Sources Detail Report

Pws Activity Code: I
Activity: Inactive
PWS Deactivation Dt: 03/01/1987
Phone No: 843-669-4141
Phone Ext No:
Admin Name:
Alt Phone No:
Email Addr:
Fax No:
Cds ID:
Population Served Count: 736
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: 11/19/2004
Org Name:
Outstanding Perform
Begin Date:
Owner Type: Private
Pop Cat 11: 501-1,000
Pop Cat 2: <10,000
Pop Cat 3: <=3300
Pop Cat 4: <10K
Pop Cat 5: 501-3,300
Primacy Agency: South Carolina
Primacy Agency Code: SC
Season Begin Date: 01-01
Season End Date: 12-31
Service Connections
Count: 1
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: Florence

Wells and Additional Sources Detail Report

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|-------|
| 26 | SSW | 0.92 | 4,862.46 | 139.37 | SDWIS |

| | |
|---------------------------|------------------------------------|
| PWS ID: | SC2170118 |
| PWS Type Code: | NTNCWS |
| PSW Type: | Non-Transient non-community system |
| Primary Source Code: | GW |
| Primary Source: | Ground water |
| Pws Activity Code: | I |
| Activity: | Inactive |
| PWS Deactivation Dt: | 03/01/1987 |
| Phone No: | 843-669-4141 |
| Phone Ext No: | |
| Admin Name: | |
| Alt Phone No: | |
| Email Addr: | |
| Fax No: | |
| Cds ID: | |
| Population Served Count: | 486 |
| 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: | 11/19/2004 |
| Org Name: | |
| Outstanding Perform | |
| Begin Date: | |
| Owner Type: | Private |
| Pop Cat 11: | 101-500 |
| 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 | 1 |
| Count: | |
| Submission Yr Qtr: | 2023Q3 |
| Primacy Type: | State |
| Dbpr Schedule Category: | |

Wells and Additional Sources Detail Report

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: Florence

USGS National Water Information System

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|----------|
| 1 | S | 0.29 | 1,542.08 | 144.30 | FED USGS |

Site No: USGS-341202079453500
Site Type: Well
Formation Type: Black Creek Formation
Date Drilled: 19581201
Well Depth: 300
Well Depth Unit: ft
Well Hole Depth: 415
Well Hole Depth Unit: ft
Reporting Agency: USGS South Carolina Water Science Center
Station Name: FLO- 117
Latitude: 34.20071074000000
Longitude: -79.7595067000000

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|----------|
| 2 | S | 0.41 | 2,169.63 | 141.87 | FED USGS |

Site No: USGS-341155079453001
Site Type: Well
Formation Type:
Date Drilled: 2002
Well Depth: 200
Well Depth Unit: ft
Well Hole Depth: 200
Well Hole Depth Unit: ft
Reporting Agency: USGS South Carolina Water Science Center
Station Name: FLO- 342
Latitude: 34.19876636000000
Longitude: -79.7581179000000

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|----------|
| 4 | SSE | 0.42 | 2,195.23 | 139.24 | FED USGS |

Wells and Additional Sources Detail Report

Site No: USGS-341155079452501
Site Type: Well
Formation Type:
Date Drilled: 1992
Well Depth: 210
Well Depth Unit: ft
Well Hole Depth: 210
Well Hole Depth Unit: ft
Reporting Agency: USGS South Carolina Water Science Center
Station Name: FLO- 338
Latitude: 34.19876637000000
Longitude: -79.7567289000000

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|----------|
| 5 | SW | 0.44 | 2,337.72 | 143.48 | FED USGS |

Site No: USGS-341210079461500
Site Type: Well
Formation Type: Middendorf Formation
Date Drilled: 19470627
Well Depth: 722
Well Depth Unit: ft
Well Hole Depth: 740
Well Hole Depth Unit: ft
Reporting Agency: USGS South Carolina Water Science Center
Station Name: FLO- 33
Latitude: 34.20071070000000
Longitude: -79.7653401000000

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|----------|
| 6 | S | 0.47 | 2,472.05 | 139.77 | FED USGS |

Site No: USGS-341152079453001
Site Type: Well
Formation Type:
Date Drilled: 2002
Well Depth: 190
Well Depth Unit: ft
Well Hole Depth: 190
Well Hole Depth Unit: ft
Reporting Agency: USGS South Carolina Water Science Center
Station Name: FLO- 343
Latitude: 34.19793305000000
Longitude: -79.7581179000000

Wells and Additional Sources Detail Report

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|----------|
| 7 | SSW | 0.53 | 2,821.87 | 141.11 | FED USGS |

Site No: USGS-341153079455000
 Site Type: Well
 Formation Type: Middendorf Formation
 Date Drilled: 19370101
 Well Depth: 726
 Well Depth Unit: ft
 Well Hole Depth: 728
 Well Hole Depth Unit: ft
 Reporting Agency: USGS South Carolina Water Science Center
 Station Name: FLO- 4
 Latitude: 34.19821079000000
 Longitude: -79.7636734900000

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|----------|
| 7 | SSW | 0.53 | 2,821.87 | 141.11 | FED USGS |

Site No: USGS-341153079455001
 Site Type: Well
 Formation Type: Middendorf Formation
 Date Drilled: 19530420
 Well Depth: 729
 Well Depth Unit: ft
 Well Hole Depth: 734
 Well Hole Depth Unit: ft
 Reporting Agency: USGS South Carolina Water Science Center
 Station Name: FLO- 98
 Latitude: 34.19821079000000
 Longitude: -79.7636734900000

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|----------|
| 8 | S | 0.60 | 3,180.25 | 139.51 | FED USGS |

Site No: USGS-341145079453001
 Site Type: Well
 Formation Type:
 Date Drilled: 1989
 Well Depth: 190
 Well Depth Unit: ft
 Well Hole Depth: 190
 Well Hole Depth Unit: ft
 Reporting Agency: USGS South Carolina Water Science Center
 Station Name: FLO- 336

Wells and Additional Sources Detail Report

Latitude: 34.19598866000000
Longitude: -79.7581179000000

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|----------|
| 9 | SSE | 0.61 | 3,202.37 | 143.33 | FED USGS |

Site No: USGS-341147079451509
Site Type: Well
Formation Type:
Date Drilled:
Well Depth: 320
Well Depth Unit: ft
Well Hole Depth:
Well Hole Depth Unit:
Reporting Agency: USGS South Carolina Water Science Center
Station Name: FLO- 83
Latitude: 34.19654420000000
Longitude: -79.7539511900000

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|----------|
| 10 | S | 0.63 | 3,308.95 | 134.74 | FED USGS |

Site No: USGS-341145079454001
Site Type: Well
Formation Type:
Date Drilled: 1977
Well Depth: 270
Well Depth Unit: ft
Well Hole Depth: 270
Well Hole Depth Unit: ft
Reporting Agency: USGS South Carolina Water Science Center
Station Name: FLO- 334
Latitude: 34.19598865000000
Longitude: -79.7608957000000

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|----------|
| 11 | SSW | 0.65 | 3,432.88 | 133.40 | FED USGS |

Site No: USGS-341145079454501
Site Type: Well
Formation Type:
Date Drilled: 1995
Well Depth: 130
Well Depth Unit: ft
Well Hole Depth: 130

Wells and Additional Sources Detail Report

Well Hole Depth Unit: ft
Reporting Agency: USGS South Carolina Water Science Center
Station Name: FLO- 340
Latitude: 34.19598864000000
Longitude: -79.7622846000000

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|----------|
| 12 | SSE | 0.64 | 3,376.27 | 142.68 | FED USGS |

Site No: USGS-341148079450803
Site Type: Well
Formation Type: Middendorf Formation
Date Drilled: 19670531
Well Depth:
Well Depth Unit:
Well Hole Depth: 765
Well Hole Depth Unit: ft
Reporting Agency: USGS South Carolina Water Science Center
Station Name: FLO- 149
Latitude: 34.19682200000000
Longitude: -79.7520067000000

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|----------|
| 12 | SSE | 0.64 | 3,376.27 | 142.68 | FED USGS |

Site No: USGS-341148079450802
Site Type: Well
Formation Type: Middendorf Formation
Date Drilled: 19581110
Well Depth:
Well Depth Unit:
Well Hole Depth: 747
Well Hole Depth Unit: ft
Reporting Agency: USGS South Carolina Water Science Center
Station Name: FLO- 124
Latitude: 34.19682200000000
Longitude: -79.7520067000000

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|----------|
| 12 | SSE | 0.64 | 3,376.27 | 142.68 | FED USGS |

Site No: USGS-341148079450800
Site Type: Well
Formation Type: Middendorf Formation
Date Drilled: 19550609

Wells and Additional Sources Detail Report

Well Depth: 374
Well Depth Unit: ft
Well Hole Depth: 398
Well Hole Depth Unit: ft
Reporting Agency: USGS South Carolina Water Science Center
Station Name: FLO- 112
Latitude: 34.19682200000000
Longitude: -79.7520067000000

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|----------|
| 12 | SSE | 0.64 | 3,376.27 | 142.68 | FED USGS |

Site No: USGS-341148079450801
Site Type: Well
Formation Type: Middendorf Formation
Date Drilled: 19580519
Well Depth:
Well Depth Unit:
Well Hole Depth: 750
Well Hole Depth Unit: ft
Reporting Agency: USGS South Carolina Water Science Center
Station Name: FLO- 123
Latitude: 34.19682200000000
Longitude: -79.7520067000000

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|----------|
| 13 | SW | 0.65 | 3,457.28 | 141.31 | FED USGS |

Site No: USGS-341150079455909
Site Type: Well
Formation Type:
Date Drilled:
Well Depth: 144
Well Depth Unit: ft
Well Hole Depth:
Well Hole Depth Unit:
Reporting Agency: USGS South Carolina Water Science Center
Station Name: FLO- 258
Latitude: 34.19737747000000
Longitude: -79.7661735000000

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|----------|
| 14 | SE | 0.66 | 3,471.70 | 117.56 | FED USGS |

Site No: USGS-341157079445501

Wells and Additional Sources Detail Report

Site Type: Well
Formation Type:
Date Drilled: 1947
Well Depth:
Well Depth Unit:
Well Hole Depth: 180
Well Hole Depth Unit: ft
Reporting Agency: USGS South Carolina Water Science Center
Station Name: FLO- 101
Latitude: 34.19932196000000
Longitude: -79.7483955000000

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|----------|
| 16 | SW | 0.68 | 3,595.17 | 141.81 | FED USGS |

Site No: USGS-341152079460500
Site Type: Well
Formation Type: Middendorf Formation
Date Drilled:
Well Depth: 735
Well Depth Unit: ft
Well Hole Depth: 735
Well Hole Depth Unit: ft
Reporting Agency: USGS South Carolina Water Science Center
Station Name: FLO- 3
Latitude: 34.19793300000000
Longitude: -79.7678402000000

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|----------|
| 16 | SW | 0.68 | 3,595.17 | 141.81 | FED USGS |

Site No: USGS-341152079460501
Site Type: Well
Formation Type:
Date Drilled: 19260101
Well Depth: 700
Well Depth Unit: ft
Well Hole Depth:
Well Hole Depth Unit:
Reporting Agency: USGS South Carolina Water Science Center
Station Name: FLO- 1
Latitude: 34.19793300000000
Longitude: -79.7678402000000

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|----------|
| 16 | SW | 0.68 | 3,595.17 | 141.81 | FED USGS |

Wells and Additional Sources Detail Report

Site No: USGS-341152079460509
Site Type: Well
Formation Type:
Date Drilled:
Well Depth: 406
Well Depth Unit: ft
Well Hole Depth:
Well Hole Depth Unit:
Reporting Agency: USGS South Carolina Water Science Center
Station Name: FLO- 240
Latitude: 34.19793300000000
Longitude: -79.7678402000000

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|----------|
| 17 | ESE | 0.74 | 3,920.43 | 130.66 | FED USGS |

Site No: USGS-341157079444503
Site Type: Well
Formation Type: Middendorf Formation
Date Drilled: 19530814
Well Depth: 429
Well Depth Unit: ft
Well Hole Depth: 500
Well Hole Depth Unit: ft
Reporting Agency: USGS South Carolina Water Science Center
Station Name: FLO- 97
Latitude: 34.19959976000000
Longitude: -79.7464510000000

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|----------|
| 18 | SW | 0.73 | 3,870.12 | 143.32 | FED USGS |

Site No: USGS-341154079461200
Site Type: Well
Formation Type: Middendorf Formation
Date Drilled: 19300611
Well Depth: 728
Well Depth Unit: ft
Well Hole Depth: 860
Well Hole Depth Unit: ft
Reporting Agency: USGS South Carolina Water Science Center
Station Name: FLO- 2
Latitude: 34.19848850000000
Longitude: -79.7697847000000

Wells and Additional Sources Detail Report

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|--------------------|-----------|---------------|---------------|----------------|----------|
| 20 | ESE | 0.77 | 4,040.11 | 135.62 | FED USGS |

Site No: USGS-341200079444100
Site Type: Well
Formation Type: Black Creek Formation
Date Drilled:
Well Depth: 205
Well Depth Unit: ft
Well Hole Depth: 216
Well Hole Depth Unit: ft
Reporting Agency: USGS South Carolina Water Science Center
Station Name: FLO- 99
Latitude: 34.20015530000000
Longitude: -79.7456176000000

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|--------------------|-----------|---------------|---------------|----------------|----------|
| 22 | WSW | 0.77 | 4,059.83 | 143.83 | FED USGS |

Site No: USGS-341153079462501
Site Type: Well
Formation Type: Middendorf Formation
Date Drilled: 19580501
Well Depth: 505
Well Depth Unit: ft
Well Hole Depth: 741
Well Hole Depth Unit: ft
Reporting Agency: USGS South Carolina Water Science Center
Station Name: FLO- 127
Latitude: 34.19987737000000
Longitude: -79.7717291000000

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|--------------------|-----------|---------------|---------------|----------------|----------|
| 22 | WSW | 0.77 | 4,059.83 | 143.83 | FED USGS |

Site No: USGS-341159079461900
Site Type: Well
Formation Type: Middendorf Formation
Date Drilled: 19440922
Well Depth: 630
Well Depth Unit: ft
Well Hole Depth: 768
Well Hole Depth Unit: ft
Reporting Agency: USGS South Carolina Water Science Center

Wells and Additional Sources Detail Report

Station Name: FLO- 5
Latitude: 34.19987737000000
Longitude: -79.7717291000000

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|----------|
| 23 | ESE | 0.80 | 4,212.36 | 131.21 | FED USGS |

Site No: USGS-341157079444502
Site Type: Well
Formation Type:
Date Drilled:
Well Depth: 65.0
Well Depth Unit: ft
Well Hole Depth: 65.0
Well Hole Depth Unit: ft
Reporting Agency: USGS South Carolina Water Science Center
Station Name: FLO- 121
Latitude: 34.19959978000000
Longitude: -79.7453398000000

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|----------|
| 24 | WNW | 0.86 | 4,558.38 | 140.51 | FED USGS |

Site No: USGS-341240079462509
Site Type: Well
Formation Type:
Date Drilled:
Well Depth:
Well Depth Unit:
Well Hole Depth: 769
Well Hole Depth Unit: ft
Reporting Agency: USGS South Carolina Water Science Center
Station Name: FLO- 131
Latitude: 34.21126590000000
Longitude: -79.7733955000000

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|----------|
| 27 | ESE | 0.96 | 5,051.70 | 140.08 | FED USGS |

Site No: USGS-341159079443200
Site Type: Well
Formation Type:
Date Drilled: 1947
Well Depth:
Well Depth Unit:

Wells and Additional Sources Detail Report

Well Hole Depth: 160
Well Hole Depth Unit: ft
Reporting Agency: USGS South Carolina Water Science Center
Station Name: FLO- 108
Latitude: 34.19987760000000
Longitude: -79.7420063900000

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|----------|
| 27 | ESE | 0.96 | 5,051.70 | 140.08 | FED USGS |

Site No: USGS-341159079443201
Site Type: Well
Formation Type:
Date Drilled: 1947
Well Depth:
Well Depth Unit:
Well Hole Depth: 175
Well Hole Depth Unit: ft
Reporting Agency: USGS South Carolina Water Science Center
Station Name: FLO- 109
Latitude: 34.19987760000000
Longitude: -79.7420063900000

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|----------|
| 29 | ESE | 0.98 | 5,161.29 | 143.11 | FED USGS |

Site No: USGS-341157079445500
Site Type: Well
Formation Type:
Date Drilled:
Well Depth: 180
Well Depth Unit: ft
Well Hole Depth:
Well Hole Depth Unit:
Reporting Agency: USGS South Carolina Water Science Center
Station Name: FLO- 100
Latitude: 34.20015539000000
Longitude: -79.7414508000000

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|----------|
| 30 | SE | 1.00 | 5,269.63 | 121.79 | FED USGS |

Site No: USGS-341135079445109
Site Type: Well
Formation Type:

Wells and Additional Sources Detail Report

Date Drilled:
 Well Depth: 730
 Well Depth Unit: ft
 Well Hole Depth: 732
 Well Hole Depth Unit: ft
 Reporting Agency: USGS South Carolina Water Science Center
 Station Name: FLO- 208
 Latitude: 34.19321105000000
 Longitude: -79.7472845000000

Coastal Plain Well Records

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|-------------|
| 1 | S | 0.29 | 1,542.08 | 144.30 | WATER WELLS |

| | |
|-------------------------------------------------|--------------------------------|
| Well ID: FLO-117 | Owner Well ID: |
| SCGR ID: 16M-k1 | WI Yr: 1958 |
| Co No: | Driller: Carolina Drilling |
| Use: | Drill Yr: 1956 |
| WI Ft: 52 | Drill Mo: 8 |
| Depth D: 415 | Topo: Florence West |
| Depth C: 301 | Elev: 140 |
| WI: | Location: |
| WI Q: | Yield: 400 |
| Diam 1: 8 | Yield Yr: 1956 |
| Diam 2: | D Logs: Yes - log in DNR files |
| OH Cas: | D Logs Text: Yes |
| Screen T: 125 | P Test: No |
| Screen B: 288 | P Test Text: <Null> |
| SCGS Sampl: no | County: Florence |
| Object ID 1: 7559 | Latitude: 34.2007100468 |
| Well Use: IND | Longitude: -79.7595045104 |
| Chem: C | X: -79.75950164477307 |
| G Logs: | Y: 34.200703350182124 |
| Well Use Desc: | |
| Chem Desc: complete analysis | |
| G Logs Desc: | |
| Global ID: bd01a288-98ca-4129-8ba3-fc5a168e5ebd | |
| Remarks: | |

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|-------------|
| 2 | S | 0.41 | 2,169.63 | 141.87 | WATER WELLS |

| | |
|------------------|----------------|
| Well ID: FLO-342 | Owner Well ID: |
| SCGR ID: 16M-t14 | WI Yr: 2002 |
| Co No: | Driller: Welch |
| Use: | Drill Yr: 2002 |

Wells and Additional Sources Detail Report

| | | | |
|----------------|--------------------------------------|--------------|------------------------|
| WI Ft: | 38 | Drill Mo: | 2 |
| Depth D: | 200 | Topo: | Florence West |
| Depth C: | 200 | Elev: | |
| WI: | | Location: | |
| WI Q: | | Yield: | 100 |
| Diam 1: | 4 | Yield Yr: | 2002 |
| Diam 2: | | D Logs: | Yes - log in DNR files |
| OH Cas: | | D Logs Text: | Yes |
| Screen T: | 140 | P Test: | No |
| Screen B: | 200 | P Test Text: | <Null> |
| SCGS Sampl: | no | County: | Florence |
| Object ID 1: | 7756 | Latitude: | 34.1987600833 |
| Well Use: | IRR | Longitude: | -79.7581145144 |
| Chem: | | X: | -79.75811164884266 |
| G Logs: | | Y: | 34.19875338634166 |
| Well Use Desc: | | | |
| Chem Desc: | no analysis | | |
| G Logs Desc: | | | |
| Global ID: | 1fc8ad34-c512-46a9-9090-ff5288eb58e6 | | |
| Remarks: | | | |

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|-------------|
| 4 | SSE | 0.42 | 2,195.23 | 139.24 | WATER WELLS |

| | | | |
|----------------|-------------|----------------|------------------------|
| Well ID: | FLO-338 | Owner Well ID: | |
| SCGR ID: | 16M-t11 | WI Yr: | 1992 |
| Co No: | | Driller: | Welch |
| Use: | | Drill Yr: | 1992 |
| WI Ft: | 39 | Drill Mo: | 10 |
| Depth D: | 210 | Topo: | Florence West |
| Depth C: | 210 | Elev: | |
| WI: | | Location: | |
| WI Q: | | Yield: | 100 |
| Diam 1: | 4 | Yield Yr: | 1992 |
| Diam 2: | | D Logs: | Yes - log in DNR files |
| OH Cas: | | D Logs Text: | Yes |
| Screen T: | 160 | P Test: | No |
| Screen B: | 210 | P Test Text: | <Null> |
| SCGS Sampl: | no | County: | Florence |
| Object ID 1: | 7752 | Latitude: | 34.1987600974 |
| Well Use: | IRR | Longitude: | -79.7567244867 |
| Chem: | | X: | -79.75672162296351 |
| G Logs: | | Y: | 34.19875340023412 |
| Well Use Desc: | | | |
| Chem Desc: | no analysis | | |
| G Logs Desc: | | | |

Wells and Additional Sources Detail Report

Global ID: cb013ef8-5701-4403-8631-08a7c7d5b305

Remarks:

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|-------------|
| 4 | SSE | 0.42 | 2,195.23 | 139.24 | WATER WELLS |

| | | | |
|----------------|--------------------------------------|----------------|------------------------|
| Well ID: | FLO-339 | Owner Well ID: | |
| SCGR ID: | 16M-t12 | WI Yr: | 1992 |
| Co No: | | Driller: | Welch |
| Use: | | Drill Yr: | 1992 |
| WI Ft: | 40 | Drill Mo: | 10 |
| Depth D: | 170 | Topo: | Florence West |
| Depth C: | 170 | Elev: | |
| WI: | | Location: | |
| WI Q: | | Yield: | 100 |
| Diam 1: | 4 | Yield Yr: | 1992 |
| Diam 2: | | D Logs: | Yes - log in DNR files |
| OH Cas: | | D Logs Text: | Yes |
| Screen T: | 120 | P Test: | No |
| Screen B: | 170 | P Test Text: | <Null> |
| SCGS Sampl: | no | County: | Florence |
| Object ID 1: | 7753 | Latitude: | 34.1987600974 |
| Well Use: | IRR | Longitude: | -79.7567244867 |
| Chem: | | X: | -79.75672162296351 |
| G Logs: | | Y: | 34.19875340023412 |
| Well Use Desc: | | | |
| Chem Desc: | no analysis | | |
| G Logs Desc: | | | |
| Global ID: | 70f8af27-8769-4593-b04f-8d84f176a262 | | |
| Remarks: | | | |

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|-------------|
| 5 | SW | 0.44 | 2,337.72 | 143.48 | WATER WELLS |

| | | | |
|----------|--------|----------------|------------------------|
| Well ID: | FLO-33 | Owner Well ID: | |
| SCGR ID: | 16M-k2 | WI Yr: | 1947 |
| Co No: | | Driller: | |
| Use: | | Drill Yr: | 1947 |
| WI Ft: | 76 | Drill Mo: | |
| Depth D: | 740 | Topo: | Florence West |
| Depth C: | 722 | Elev: | 145 |
| WI: | | Location: | |
| WI Q: | | Yield: | 1150 |
| Diam 1: | 20 | Yield Yr: | |
| Diam 2: | 10 | D Logs: | Yes - log in DNR files |
| OH Cas: | | D Logs Text: | Yes |

Wells and Additional Sources Detail Report

| | | | |
|----------------|--------------------------------------|--------------|---------------------------------|
| Screen T: | 325 | P Test: | Yes - pumping test in DNR files |
| Screen B: | 718 | P Test Text: | Yes |
| SCGS Sampl: | no | County: | Florence |
| Object ID 1: | 7490 | Latitude: | 34.2007099878 |
| Well Use: | DES | Longitude: | -79.7653446246 |
| Chem: | C | X: | -79.76534175817956 |
| G Logs: | | Y: | 34.2007032908494 |
| Well Use Desc: | | | |
| Chem Desc: | complete analysis | | |
| G Logs Desc: | | | |
| Global ID: | ffab1564-b400-452a-85fe-44a817a76ecb | | |
| Remarks: | | | |

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|-------------|
| 6 | S | 0.47 | 2,472.05 | 139.77 | WATER WELLS |

| | | | |
|----------------|--------------------------------------|----------------|------------------------|
| Well ID: | FLO-343 | Owner Well ID: | |
| SCGR ID: | 16M-t15 | WI Yr: | 2002 |
| Co No: | | Driller: | Welch |
| Use: | | Drill Yr: | 2002 |
| WI Ft: | 45 | Drill Mo: | 2 |
| Depth D: | 190 | Topo: | Florence West |
| Depth C: | 190 | Elev: | |
| WI: | | Location: | |
| WI Q: | | Yield: | 100 |
| Diam 1: | 4 | Yield Yr: | 2002 |
| Diam 2: | | D Logs: | Yes - log in DNR files |
| OH Cas: | | D Logs Text: | Yes |
| Screen T: | 130 | P Test: | No |
| Screen B: | 190 | P Test Text: | <Null> |
| SCGS Sampl: | no | County: | Florence |
| Object ID 1: | 7757 | Latitude: | 34.1979300937 |
| Well Use: | IRR | Longitude: | -79.758114528 |
| Chem: | | X: | -79.75811166351664 |
| G Logs: | | Y: | 34.19792339692435 |
| Well Use Desc: | | | |
| Chem Desc: | no analysis | | |
| G Logs Desc: | | | |
| Global ID: | 8d9c254a-cf2a-4272-b4a2-61fa6f29f09c | | |
| Remarks: | | | |

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|-------------|
| 7 | SSW | 0.53 | 2,821.87 | 141.11 | WATER WELLS |

| | | | |
|----------|---------|----------------|------|
| Well ID: | FLO-198 | Owner Well ID: | |
| SCGR ID: | 16M-t2 | WI Yr: | 1953 |

Wells and Additional Sources Detail Report

| | | |
|-------------------------------------------------|--------------|------------------------|
| Co No: | Driller: | Layne-Atlantic |
| Use: | Drill Yr: | 1953 |
| WI Ft: 93 | Drill Mo: | 5 |
| Depth D: 734 | Topo: | Florence West |
| Depth C: 729 | Elev: | 142 |
| WI: | Location: | |
| WI Q: | Yield: | 790 |
| Diam 1: 20 | Yield Yr: | |
| Diam 2: 10 | D Logs: | Yes - log in DNR files |
| OH Cas: | D Logs Text: | Yes |
| Screen T: 290 | P Test: | No |
| Screen B: 724 | P Test Text: | <Null> |
| SCGS Sampl: no | County: | Florence |
| Object ID 1: 7625 | Latitude: | 34.1982100364 |
| Well Use: ABN | Longitude: | -79.7636746329 |
| Chem: C | X: | -79.76367176702693 |
| G Logs: E | Y: | 34.198203339742115 |
| Well Use Desc: | | |
| Chem Desc: complete analysis | | |
| G Logs Desc: electric log | | |
| Global ID: 3e2355b3-2d2d-4386-8b7b-f5a18a245a85 | | |
| Remarks: | | |

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|-------------|
| 7 | SSW | 0.53 | 2,821.87 | 141.11 | WATER WELLS |

| | |
|-------------------|--------------------------------|
| Well ID: FLO-4 | Owner Well ID: |
| SCGR ID: 16M-t1 | WI Yr: 1942 |
| Co No: | Driller: Layne-Atlantic |
| Use: | Drill Yr: 1937 |
| WI Ft: 66 | Drill Mo: 5 |
| Depth D: 728 | Topo: Florence West |
| Depth C: 726 | Elev: 141 |
| WI: | Location: |
| WI Q: | Yield: 1180 |
| Diam 1: 18 | Yield Yr: 1937 |
| Diam 2: 8 | D Logs: Yes - log in DNR files |
| OH Cas: | D Logs Text: Yes |
| Screen T: 261 | P Test: No |
| Screen B: 726 | P Test Text: <Null> |
| SCGS Sampl: no | County: Florence |
| Object ID 1: 7466 | Latitude: 34.1982100364 |
| Well Use: DES | Longitude: -79.7636746329 |
| Chem: C | X: -79.76367176702693 |
| G Logs: | Y: 34.198203339742115 |
| Well Use Desc: | |

Wells and Additional Sources Detail Report

Chem Desc: complete analysis
 G Logs Desc:
 Global ID: c3e138d3-51e4-4b43-9592-f31e973d3348
 Remarks: Yield was 450 gpm in 1946.

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|-------------|
| 8 | S | 0.60 | 3,180.25 | 139.51 | WATER WELLS |

| | | | |
|----------------|--------------------------------------|----------------|------------------------|
| Well ID: | FLO-336 | Owner Well ID: | |
| SCGR ID: | 16M-t10 | WI Yr: | 1989 |
| Co No: | | Driller: | Welch |
| Use: | | Drill Yr: | 1989 |
| WI Ft: | 20 | Drill Mo: | 5 |
| Depth D: | 190 | Topo: | Florence West |
| Depth C: | 190 | Elev: | |
| WI: | | Location: | |
| WI Q: | | Yield: | 80 |
| Diam 1: | 4 | Yield Yr: | 1989 |
| Diam 2: | | D Logs: | Yes - log in DNR files |
| OH Cas: | | D Logs Text: | Yes |
| Screen T: | 80 | P Test: | No |
| Screen B: | 190 | P Test Text: | <Null> |
| SCGS Sampl: | no | County: | Florence |
| Object ID 1: | 7750 | Latitude: | 34.1959801183 |
| Well Use: | IRR | Longitude: | -79.7581145599 |
| Chem: | | X: | -79.75811169544481 |
| G Logs: | | Y: | 34.19597342192638 |
| Well Use Desc: | | | |
| Chem Desc: | no analysis | | |
| G Logs Desc: | | | |
| Global ID: | 8069ceb8-9d15-40df-9eac-11ad62010de2 | | |
| Remarks: | | | |

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|-------------|
| 9 | SSE | 0.61 | 3,202.37 | 143.33 | WATER WELLS |

| | | | |
|----------|--------|----------------|-----------------|
| Well ID: | FLO-83 | Owner Well ID: | |
| SCGR ID: | 16M-t8 | WI Yr: | |
| Co No: | | Driller: | Heater Well Co. |
| Use: | | Drill Yr: | 1945 |
| WI Ft: | | Drill Mo: | 8 |
| Depth D: | | Topo: | Florence West |
| Depth C: | 320 | Elev: | 130 |
| WI: | | Location: | |
| WI Q: | | Yield: | 250 |
| Diam 1: | 8 | Yield Yr: | |

Wells and Additional Sources Detail Report

| | | |
|-------------------------------------------------|--------------|--------------------|
| Diam 2: | D Logs: | No |
| OH Cas: | D Logs Text: | <Null> |
| Screen T: 239 | P Test: | No |
| Screen B: 320 | P Test Text: | <Null> |
| SCGS Sampl: no | County: | Florence |
| Object ID 1: 7532 | Latitude: | 34.1965401533 |
| Well Use: IND | Longitude: | -79.7539544675 |
| Chem: | X: | -79.75395160394417 |
| G Logs: | Y: | 34.19653345690784 |
| Well Use Desc: | | |
| Chem Desc: no analysis | | |
| G Logs Desc: | | |
| Global ID: 1e3d3e48-971d-4259-85df-5a04d7df9ae3 | | |
| Remarks: | | |

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|-------------|
| 10 | S | 0.63 | 3,308.95 | 134.74 | WATER WELLS |

| | |
|-------------------------------------------------|--------------------------------|
| Well ID: FLO-334 | Owner Well ID: |
| SCGR ID: 16M-t9 | WI Yr: 1977 |
| Co No: | Driller: Welch |
| Use: | Drill Yr: 1977 |
| WI Ft: 19 | Drill Mo: 8 |
| Depth D: 270 | Topo: Florence West |
| Depth C: 270 | Elev: |
| WI: | Location: |
| WI Q: | Yield: 80 |
| Diam 1: 4 | Yield Yr: 1977 |
| Diam 2: 2 | D Logs: Yes - log in DNR files |
| OH Cas: | D Logs Text: Yes |
| Screen T: 210 | P Test: No |
| Screen B: 270 | P Test Text: <Null> |
| SCGS Sampl: no | County: Florence |
| Object ID 1: 7748 | Latitude: 34.1959800929 |
| Well Use: IRR | Longitude: -79.7608946153 |
| Chem: | X: -79.76089175000658 |
| G Logs: | Y: 34.195973397207645 |
| Well Use Desc: | |
| Chem Desc: no analysis | |
| G Logs Desc: | |
| Global ID: e41410f1-0035-495a-8a63-9079a3f8aa32 | |
| Remarks: | |

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|-------------|
| 11 | SSW | 0.65 | 3,432.88 | 133.40 | WATER WELLS |

Wells and Additional Sources Detail Report

| | | | |
|----------------|--------------------------------------|----------------|------------------------|
| Well ID: | FLO-340 | Owner Well ID: | |
| SCGR ID: | 16M-t13 | WI Yr: | 1995 |
| Co No: | | Driller: | Welch |
| Use: | | Drill Yr: | 1995 |
| WI Ft: | 44 | Drill Mo: | 8 |
| Depth D: | 130 | Topo: | Florence West |
| Depth C: | 130 | Elev: | |
| WI: | | Location: | |
| WI Q: | | Yield: | 75 |
| Diam 1: | 4 | Yield Yr: | 1995 |
| Diam 2: | | D Logs: | Yes - log in DNR files |
| OH Cas: | | D Logs Text: | Yes |
| Screen T: | 100 | P Test: | No |
| Screen B: | 130 | P Test Text: | <Null> |
| SCGS Sampl: | no | County: | Florence |
| Object ID 1: | 7754 | Latitude: | 34.1959800791 |
| Well Use: | IRR | Longitude: | -79.7622846424 |
| Chem: | | X: | -79.76228177663053 |
| G Logs: | | Y: | 34.195973383296995 |
| Well Use Desc: | | | |
| Chem Desc: | no analysis | | |
| G Logs Desc: | | | |
| Global ID: | d9e59d54-a0d9-4be1-925e-f48b6570ebdb | | |
| Remarks: | | | |

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|-------------|
| 12 | SSE | 0.64 | 3,376.27 | 142.68 | WATER WELLS |

| | | | |
|--------------|---------|----------------|--------------------|
| Well ID: | FLO-124 | Owner Well ID: | |
| SCGR ID: | 16M-t6 | WI Yr: | |
| Co No: | | Driller: | Sydnor |
| Use: | | Drill Yr: | 1958 |
| WI Ft: | | Drill Mo: | 11 |
| Depth D: | 745 | Topo: | Florence West |
| Depth C: | | Elev: | 140 |
| WI: | | Location: | |
| WI Q: | | Yield: | 500 |
| Diam 1: | | Yield Yr: | 1958 |
| Diam 2: | | D Logs: | No |
| OH Cas: | | D Logs Text: | <Null> |
| Screen T: | | P Test: | No |
| Screen B: | 450 | P Test Text: | <Null> |
| SCGS Sampl: | no | County: | Florence |
| Object ID 1: | 7565 | Latitude: | 34.19682017 |
| Well Use: | TEST | Longitude: | -79.7520044234 |
| Chem: | | X: | -79.75200156052331 |

Wells and Additional Sources Detail Report

| | | | |
|----------------|--------------------------------------|----|-------------------|
| G Logs: | E | Y: | 34.19681347328951 |
| Well Use Desc: | | | |
| Chem Desc: | no analysis | | |
| G Logs Desc: | electric log | | |
| Global ID: | f660b59e-fcef-4f13-9717-c0fde1cb47ec | | |
| Remarks: | | | |

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|-------------|
| 12 | SSE | 0.64 | 3,376.27 | 142.68 | WATER WELLS |

| | | | |
|----------------|--------------------------------------|----------------|---------------------------------|
| Well ID: | FLO-112 | Owner Well ID: | |
| SCGR ID: | 16M-t3 | WI Yr: | 1958 |
| Co No: | | Driller: | Heater Well Co. |
| Use: | | Drill Yr: | 1955 |
| WI Ft: | 39 | Drill Mo: | 6 |
| Depth D: | 398 | Topo: | Florence West |
| Depth C: | 378 | Elev: | 144 |
| WI: | | Location: | |
| WI Q: | | Yield: | 1000 |
| Diam 1: | 10 | Yield Yr: | 1955 |
| Diam 2: | | D Logs: | Yes - log in DNR files |
| OH Cas: | | D Logs Text: | Yes |
| Screen T: | 130 | P Test: | Yes - pumping test in DNR files |
| Screen B: | 364 | P Test Text: | Yes |
| SCGS Sampl: | no | County: | Florence |
| Object ID 1: | 7554 | Latitude: | 34.19682017 |
| Well Use: | DES | Longitude: | -79.7520044234 |
| Chem: | C | X: | -79.75200156052331 |
| G Logs: | E | Y: | 34.19681347328951 |
| Well Use Desc: | | | |
| Chem Desc: | complete analysis | | |
| G Logs Desc: | electric log | | |
| Global ID: | 4e19d28f-699b-42ef-a831-1a902b5a0a14 | | |
| Remarks: | | | |

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|-------------|
| 12 | SSE | 0.64 | 3,376.27 | 142.68 | WATER WELLS |

| | | | |
|----------|---------|----------------|---------------|
| Well ID: | FLO-123 | Owner Well ID: | |
| SCGR ID: | 16M-t5 | WI Yr: | |
| Co No: | | Driller: | |
| Use: | | Drill Yr: | 1958 |
| WI Ft: | | Drill Mo: | 12 |
| Depth D: | 750 | Topo: | Florence West |
| Depth C: | | Elev: | 140 |
| WI: | | Location: | |

Wells and Additional Sources Detail Report

| | | |
|----------------|--------------------------------------|--------------------|
| WI Q: | Yield: | 300 |
| Diam 1: | Yield Yr: | 1958 |
| Diam 2: | D Logs: | No |
| OH Cas: | D Logs Text: | <Null> |
| Screen T: | P Test: | No |
| Screen B: | P Test Text: | <Null> |
| SCGS Sampl: | County: | Florence |
| Object ID 1: | Latitude: | 34.19682017 |
| Well Use: | Longitude: | -79.7520044234 |
| Chem: | X: | -79.75200156052331 |
| G Logs: | Y: | 34.19681347328951 |
| Well Use Desc: | | |
| Chem Desc: | no analysis | |
| G Logs Desc: | | |
| Global ID: | bc2e3602-972a-469a-b4e6-562bf85ffffe | |
| Remarks: | | |

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|-------------|
| 12 | SSE | 0.64 | 3,376.27 | 142.68 | WATER WELLS |

| | | | |
|----------------|--------------------------------------|----------------|------------------------|
| Well ID: | FLO-149 | Owner Well ID: | |
| SCGR ID: | 16M-t4 | WI Yr: | 1967 |
| Co No: | | Driller: | Layne-Atlantic |
| Use: | | Drill Yr: | 1967 |
| WI Ft: | 123 | Drill Mo: | 8 |
| Depth D: | 765 | Topo: | Florence West |
| Depth C: | 745 | Elev: | 140 |
| WI: | | Location: | |
| WI Q: | | Yield: | 720 |
| Diam 1: | 20 | Yield Yr: | 1967 |
| Diam 2: | 10 | D Logs: | Yes - log in DNR files |
| OH Cas: | | D Logs Text: | Yes |
| Screen T: | 430 | P Test: | No |
| Screen B: | 740 | P Test Text: | <Null> |
| SCGS Sampl: | no | County: | Florence |
| Object ID 1: | 7588 | Latitude: | 34.19682017 |
| Well Use: | PS | Longitude: | -79.7520044234 |
| Chem: | C | X: | -79.75200156052331 |
| G Logs: | E | Y: | 34.19681347328951 |
| Well Use Desc: | | | |
| Chem Desc: | complete analysis | | |
| G Logs Desc: | electric log | | |
| Global ID: | 83fd6f1d-e4c2-4eff-b728-b70533d9a223 | | |
| Remarks: | | | |

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|----|
|---------|-----------|---------------|---------------|----------------|----|

Wells and Additional Sources Detail Report

13 SW 0.65 3,457.28 141.31 WATER WELLS

| | | | |
|----------------|--------------------------------------|----------------|--------------------|
| Well ID: | FLO-258 | Owner Well ID: | |
| SCGR ID: | 16M-t7 | WI Yr: | 1917 |
| Co No: | | Driller: | |
| Use: | | Drill Yr: | |
| WI Ft: | 13 | Drill Mo: | |
| Depth D: | | Topo: | Florence West |
| Depth C: | 144 | Elev: | 110 |
| WI: | | Location: | |
| WI Q: | | Yield: | |
| Diam 1: | | Yield Yr: | |
| Diam 2: | 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: | Florence |
| Object ID 1: | 7675 | Latitude: | 34.1973700225 |
| Well Use: | | Longitude: | -79.7661746946 |
| Chem: | | X: | -79.76617182838373 |
| G Logs: | | Y: | 34.19736332676916 |
| Well Use Desc: | | | |
| Chem Desc: | no analysis | | |
| G Logs Desc: | | | |
| Global ID: | 7760667d-038d-401a-b100-9203430b273f | | |
| Remarks: | Old USGS well no. 606. Cooke's SU-5. | | |

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|-------------|
| 14 | SE | 0.66 | 3,471.70 | 117.56 | WATER WELLS |

| | | | |
|--------------|---------|----------------|-----------------|
| Well ID: | FLO-101 | Owner Well ID: | |
| SCGR ID: | 15M-p2 | WI Yr: | |
| Co No: | | Driller: | Heater Well Co. |
| Use: | | Drill Yr: | 1947 |
| WI Ft: | | Drill Mo: | 5 |
| Depth D: | | Topo: | Florence East |
| Depth C: | 180 | Elev: | 145 |
| WI: | | Location: | |
| WI Q: | | Yield: | |
| Diam 1: | 8 | Yield Yr: | |
| Diam 2: | | D Logs: | No |
| OH Cas: | | D Logs Text: | <Null> |
| Screen T: | 169 | P Test: | No |
| Screen B: | 180 | P Test Text: | <Null> |
| SCGS Sampl: | no | County: | Florence |
| Object ID 1: | 7547 | Latitude: | 34.199320178 |

Wells and Additional Sources Detail Report

| | | | |
|----------------|--------------------------------------|------------|--------------------|
| Well Use: | UNU | Longitude: | -79.7483943081 |
| Chem: | | X: | -79.74839144636243 |
| G Logs: | | Y: | 34.199313480759024 |
| Well Use Desc: | | | |
| Chem Desc: | no analysis | | |
| G Logs Desc: | | | |
| Global ID: | 4afc95af-1c85-4b5c-afbb-30e0f5de5f36 | | |
| Remarks: | | | |

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|-------------|
| 16 | SW | 0.68 | 3,595.17 | 141.81 | WATER WELLS |

| | | | |
|----------------|--------------------------------------|----------------|------------------------|
| Well ID: | FLO-3 | Owner Well ID: | |
| SCGR ID: | 16M-s5 | WI Yr: | 1946 |
| Co No: | | Driller: | Layne-Atlantic |
| Use: | | Drill Yr: | 1930 |
| WI Ft: | 51 | Drill Mo: | 11 |
| Depth D: | 735 | Topo: | Florence West |
| Depth C: | 724 | Elev: | 145 |
| WI: | | Location: | |
| WI Q: | | Yield: | 1120 |
| Diam 1: | 16 | Yield Yr: | 1930 |
| Diam 2: | 8 | D Logs: | Yes - log in DNR files |
| OH Cas: | | D Logs Text: | Yes |
| Screen T: | 208 | P Test: | No |
| Screen B: | 724 | P Test Text: | <Null> |
| SCGS Sampl: | no | County: | Florence |
| Object ID 1: | 7465 | Latitude: | 34.1979299987 |
| Well Use: | ABN | Longitude: | -79.7678447172 |
| Chem: | C | X: | -79.76784184903548 |
| G Logs: | | Y: | 34.197923302805606 |
| Well Use Desc: | | | |
| Chem Desc: | complete analysis | | |
| G Logs Desc: | | | |
| Global ID: | da2f3a2d-fcaf-4f6e-a2ac-fbe6b2a96366 | | |
| Remarks: | | | |

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|-------------|
| 16 | SW | 0.68 | 3,595.17 | 141.81 | WATER WELLS |

| | | | |
|----------|---------|----------------|-------------------------------|
| Well ID: | FLO-240 | Owner Well ID: | |
| SCGR ID: | 16M-s6 | WI Yr: | |
| Co No: | | Driller: | Virginia Machinery & Well Co. |
| Use: | | Drill Yr: | 1919 |
| WI Ft: | | Drill Mo: | 3 |
| Depth D: | | Topo: | Florence West |

Wells and Additional Sources Detail Report

| | | | |
|----------------|--------------------------------------|--------------|------------------------|
| Depth C: | 406 | Elev: | 141 |
| WI: | | Location: | |
| WI Q: | | Yield: | 400 |
| Diam 1: | 8 | Yield Yr: | 1919 |
| Diam 2: | | D Logs: | Yes - log in DNR files |
| OH Cas: | | D Logs Text: | Yes |
| Screen T: | | P Test: | No |
| Screen B: | 402 | P Test Text: | <Null> |
| SCGS Sampl: | no | County: | Florence |
| Object ID 1: | 7658 | Latitude: | 34.1979299987 |
| Well Use: | ABN | Longitude: | -79.7678447172 |
| Chem: | | X: | -79.76784184903548 |
| G Logs: | | Y: | 34.197923302805606 |
| Well Use Desc: | | | |
| Chem Desc: | no analysis | | |
| G Logs Desc: | | | |
| Global ID: | 3a66949d-a616-46c6-b3c0-127041980a0c | | |
| Remarks: | | | |

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|-------------|
| 16 | SW | 0.68 | 3,595.17 | 141.81 | WATER WELLS |

| | | | |
|----------------|--------------------------------------|----------------|--------------------|
| Well ID: | FLO-1 | Owner Well ID: | |
| SCGR ID: | 16M-s4 | WI Yr: | |
| Co No: | | Driller: | Layne-Atlantic |
| Use: | | Drill Yr: | 1926 |
| WI Ft: | | Drill Mo: | |
| Depth D: | | Topo: | Florence West |
| Depth C: | 700 | Elev: | 145 |
| WI: | | Location: | |
| WI Q: | | Yield: | |
| Diam 1: | 12 | Yield Yr: | |
| Diam 2: | | D Logs: | No |
| OH Cas: | | D Logs Text: | <Null> |
| Screen T: | 700 | P Test: | No |
| Screen B: | | P Test Text: | <Null> |
| SCGS Sampl: | no | County: | Florence |
| Object ID 1: | 7463 | Latitude: | 34.1979299987 |
| Well Use: | DES | Longitude: | -79.7678447172 |
| Chem: | | X: | -79.76784184903548 |
| G Logs: | | Y: | 34.197923302805606 |
| Well Use Desc: | | | |
| Chem Desc: | no analysis | | |
| G Logs Desc: | | | |
| Global ID: | dcaa0991-9dbb-42e9-9154-2c868789593a | | |
| Remarks: | | | |

Wells and Additional Sources Detail Report

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|-------------|
| 17 | ESE | 0.74 | 3,920.43 | 130.66 | WATER WELLS |

| | | | |
|----------------|--------------------------------------|----------------|------------------------|
| Well ID: | FLO-97 | Owner Well ID: | |
| SCGR ID: | 15M-p4 | WI Yr: | 1953 |
| Co No: | | Driller: | Layne-Atlantic |
| Use: | | Drill Yr: | 1953 |
| WI Ft: | 81 | Drill Mo: | 8 |
| Depth D: | 500 | Topo: | Florence East |
| Depth C: | 424 | Elev: | 130 |
| WI: | | Location: | |
| WI Q: | | Yield: | 500 |
| Diam 1: | 8 | Yield Yr: | 1953 |
| Diam 2: | | D Logs: | Yes - log in DNR files |
| OH Cas: | | D Logs Text: | Yes |
| Screen T: | 311 | P Test: | No |
| Screen B: | 424 | P Test Text: | <Null> |
| SCGS Sampl: | no | County: | Florence |
| Object ID 1: | 7543 | Latitude: | 34.1995901959 |
| Well Use: | DES | Longitude: | -79.7464542634 |
| Chem: | C | X: | -79.74645140143151 |
| G Logs: | E | Y: | 34.199583498188325 |
| Well Use Desc: | | | |
| Chem Desc: | complete analysis | | |
| G Logs Desc: | electric log | | |
| Global ID: | 198936bb-046c-42c8-b7d5-4c0650456985 | | |
| Remarks: | | | |

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|-------------|
| 18 | SW | 0.73 | 3,870.12 | 143.32 | WATER WELLS |

| | | | |
|-----------|--------|----------------|------------------------|
| Well ID: | FLO-2 | Owner Well ID: | |
| SCGR ID: | 16M-s2 | WI Yr: | |
| Co No: | | Driller: | Layne-Atlantic |
| Use: | | Drill Yr: | 1930 |
| WI Ft: | | Drill Mo: | 6 |
| Depth D: | 860 | Topo: | Florence West |
| Depth C: | 728 | Elev: | 141 |
| WI: | | Location: | |
| WI Q: | | Yield: | 1080 |
| Diam 1: | 13 | Yield Yr: | 1930 |
| Diam 2: | 8 | D Logs: | Yes - log in DNR files |
| OH Cas: | | D Logs Text: | Yes |
| Screen T: | 200 | P Test: | No |
| Screen B: | 728 | P Test Text: | <Null> |

Wells and Additional Sources Detail Report

| | | | |
|----------------|--------------------------------------|------------|--------------------|
| SCGS Sampl: | no | County: | Florence |
| Object ID 1: | 7464 | Latitude: | 34.1984799723 |
| Well Use: | ABN | Longitude: | -79.769784745 |
| Chem: | | X: | -79.76978187672145 |
| G Logs: | | Y: | 34.198473275517834 |
| Well Use Desc: | | | |
| Chem Desc: | no analysis | | |
| G Logs Desc: | | | |
| Global ID: | 8b0904ec-c49b-4496-b66d-5db5f5b4e8ea | | |
| Remarks: | Yield was 450 gpm in 1938. | | |

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|--------------------|-----------|---------------|---------------|----------------|-------------|
| 20 | ESE | 0.77 | 4,040.11 | 135.62 | WATER WELLS |

| | | | |
|----------------|--------------------------------------|----------------|------------------------|
| Well ID: | FLO-99 | Owner Well ID: | |
| SCGR ID: | 15M-o2 | WI Yr: | 1992 |
| Co No: | | Driller: | Carolina Drilling |
| Use: | | Drill Yr: | 1945 |
| WI Ft: | 34 | Drill Mo: | |
| Depth D: | 216 | Topo: | Florence East |
| Depth C: | 216 | Elev: | 145 |
| WI: | | Location: | |
| WI Q: | | Yield: | |
| Diam 1: | 8 | Yield Yr: | |
| Diam 2: | | D Logs: | Yes - log in DNR files |
| OH Cas: | | D Logs Text: | Yes |
| Screen T: | 60 | P Test: | No |
| Screen B: | 216 | P Test Text: | <Null> |
| SCGS Sampl: | no | County: | Florence |
| Object ID 1: | 7545 | Latitude: | 34.2001501985 |
| Well Use: | OBS | Longitude: | -79.7456142365 |
| Chem: | C | X: | -79.74561137497089 |
| G Logs: | | Y: | 34.200143500652715 |
| Well Use Desc: | | | |
| Chem Desc: | complete analysis | | |
| G Logs Desc: | | | |
| Global ID: | e7ef649b-a915-4527-b835-11f6d616a62f | | |
| Remarks: | USGS recorder installed. | | |

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|--------------------|-----------|---------------|---------------|----------------|-------------|
| 21 | ESE | 0.78 | 4,111.99 | 134.32 | WATER WELLS |

| | | | |
|----------|---------|----------------|------|
| Well ID: | FLO-321 | Owner Well ID: | |
| SCGR ID: | 15M-o3 | WI Yr: | 1969 |
| Co No: | | Driller: | |
| Use: | | Drill Yr: | |

Wells and Additional Sources Detail Report

| | | | |
|----------------|------------------------------------------------|--------------|--------------------|
| WI Ft: | 39 | Drill Mo: | |
| Depth D: | | Topo: | Florence East |
| Depth C: | 312 | Elev: | 145 |
| WI: | | Location: | |
| WI Q: | | Yield: | |
| Diam 1: | 8 | 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: | Florence |
| Object ID 1: | 7735 | Latitude: | 34.2001502015 |
| Well Use: | OBS | Longitude: | -79.7453442309 |
| Chem: | | X: | -79.74534136948932 |
| G Logs: | | Y: | 34.20014350311035 |
| Well Use Desc: | | | |
| Chem Desc: | no analysis | | |
| G Logs Desc: | | | |
| Global ID: | cbd5fed0-358c-4db2-96c2-7e841ed005c8 | | |
| Remarks: | See USGS Water Supply Papers 1538, 1803, 1978. | | |

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|--------------------|-----------|---------------|---------------|----------------|-------------|
| 22 | WSW | 0.77 | 4,059.83 | 143.83 | WATER WELLS |

| | | | |
|----------------|-------------------|----------------|------------------------|
| Well ID: | FLO-127 | Owner Well ID: | |
| SCGR ID: | 16M-s3 | WI Yr: | 1959 |
| Co No: | | Driller: | Sydnor |
| Use: | | Drill Yr: | 1958 |
| WI Ft: | 111 | Drill Mo: | 9 |
| Depth D: | 741 | Topo: | Florence West |
| Depth C: | 505 | Elev: | 145 |
| WI: | | Location: | |
| WI Q: | | Yield: | 700 |
| Diam 1: | 12 | Yield Yr: | 1959 |
| Diam 2: | 10 | D Logs: | Yes - log in DNR files |
| OH Cas: | | D Logs Text: | Yes |
| Screen T: | 309 | P Test: | No |
| Screen B: | 495 | P Test Text: | <Null> |
| SCGS Sampl: | no | County: | Florence |
| Object ID 1: | 7568 | Latitude: | 34.1998699352 |
| Well Use: | ABN | Longitude: | -79.7717247592 |
| Chem: | C | X: | -79.7717218903892 |
| G Logs: | | Y: | 34.19986323830356 |
| Well Use Desc: | | | |
| Chem Desc: | complete analysis | | |
| G Logs Desc: | | | |

Wells and Additional Sources Detail Report

Global ID: edaa85f6-bc44-49a2-a049-4b8aaab390fb

Remarks:

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|--------------------|-----------|---------------|---------------|----------------|-------------|
| 22 | WSW | 0.77 | 4,059.83 | 143.83 | WATER WELLS |

| | | | |
|----------------|--------------------------------------|----------------|---------------------------------|
| Well ID: | FLO-5 | Owner Well ID: | |
| SCGR ID: | 16M-s1 | WI Yr: | 1954 |
| Co No: | | Driller: | Layne-Atlantic |
| Use: | | Drill Yr: | 1944 |
| WI Ft: | 100 | Drill Mo: | 9 |
| Depth D: | 768 | Topo: | Florence West |
| Depth C: | 630 | Elev: | 141 |
| WI: | | Location: | |
| WI Q: | | Yield: | 740 |
| Diam 1: | 20 | Yield Yr: | 1944 |
| Diam 2: | 10 | D Logs: | Yes - log in DNR files |
| OH Cas: | | D Logs Text: | Yes |
| Screen T: | 320 | P Test: | Yes - pumping test in DNR files |
| Screen B: | 630 | P Test Text: | Yes |
| SCGS Sampl: | no | County: | Florence |
| Object ID 1: | 7467 | Latitude: | 34.1998699352 |
| Well Use: | DES | Longitude: | -79.7717247592 |
| Chem: | C | X: | -79.7717218903892 |
| G Logs: | | Y: | 34.19986323830356 |
| Well Use Desc: | | | |
| Chem Desc: | complete analysis | | |
| G Logs Desc: | | | |
| Global ID: | 99f88732-0f3a-4345-91de-60630074f429 | | |
| Remarks: | Yield was 520 gpm in 1954. | | |

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|--------------------|-----------|---------------|---------------|----------------|-------------|
| 23 | ESE | 0.80 | 4,212.36 | 131.21 | WATER WELLS |

| | | | |
|----------|---------|----------------|---------------|
| Well ID: | FLO-121 | Owner Well ID: | |
| SCGR ID: | 15M-p7 | WI Yr: | 1957 |
| Co No: | | Driller: | |
| Use: | | Drill Yr: | 1944 |
| WI Ft: | 26 | Drill Mo: | |
| Depth D: | | Topo: | Florence East |
| Depth C: | 45 | Elev: | 145 |
| WI: | | Location: | |
| WI Q: | | Yield: | 45 |
| Diam 1: | 4 | Yield Yr: | |
| Diam 2: | | D Logs: | No |
| OH Cas: | 30 | D Logs Text: | <Null> |

Wells and Additional Sources Detail Report

| | | |
|-------------------------------------------------|--------------|--------------------|
| Screen T: | P Test: | No |
| Screen B: | P Test Text: | <Null> |
| SCGS Sampl: no | County: | Florence |
| Object ID 1: 7563 | Latitude: | 34.1995902081 |
| Well Use: UNU | Longitude: | -79.7453442402 |
| Chem: C | X: | -79.74534137878136 |
| G Logs: | Y: | 34.19958351077897 |
| Well Use Desc: | | |
| Chem Desc: complete analysis | | |
| G Logs Desc: | | |
| Global ID: 568f9542-eb7e-42d1-975a-1ec9131fc1a7 | | |
| Remarks: Dug well. Open-hole well. | | |

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|-------------|
| 24 | WNW | 0.86 | 4,558.38 | 140.51 | WATER WELLS |

| | |
|-------------------------------------------------|--------------------------------|
| Well ID: FLO-131 | Owner Well ID: |
| SCGR ID: 16M-I5 | WI Yr: |
| Co No: | Driller: Layne-Atlantic |
| Use: | Drill Yr: 1959 |
| WI Ft: | Drill Mo: 3 |
| Depth D: 769 | Topo: Florence West |
| Depth C: | Elev: |
| WI: | Location: |
| WI Q: | Yield: |
| Diam 1: | Yield Yr: |
| Diam 2: | D Logs: Yes - log in DNR files |
| OH Cas: | D Logs Text: Yes |
| Screen T: | P Test: No |
| Screen B: | P Test Text: <Null> |
| SCGS Sampl: no | County: Florence |
| Object ID 1: 7572 | Latitude: 34.2112597786 |
| Well Use: TEST | Longitude: -79.773394623 |
| Chem: | X: -79.77339175256813 |
| G Logs: E | Y: 34.21125307991986 |
| Well Use Desc: | |
| Chem Desc: no analysis | |
| G Logs Desc: electric log | |
| Global ID: f6ef2837-85eb-4f5c-8705-0ee4bd427e03 | |
| Remarks: Location estimated. | |

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|-------------|
| 27 | ESE | 0.96 | 5,051.70 | 140.08 | WATER WELLS |

| | |
|------------------|----------------|
| Well ID: FLO-108 | Owner Well ID: |
| SCGR ID: 15M-p8 | WI Yr: |

Wells and Additional Sources Detail Report

| | | |
|-------------------------------------------------|--------------|--------------------|
| Co No: | Driller: | Heater Well Co. |
| Use: | Drill Yr: | 1947 |
| WI Ft: | Drill Mo: | 5 |
| Depth D: | Topo: | Florence East |
| Depth C: 160 | Elev: | 145 |
| WI: | Location: | |
| WI Q: | Yield: | |
| Diam 1: 8 | 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: | Florence |
| Object ID 1: 7552 | Latitude: | 34.199870242 |
| Well Use: IND | Longitude: | -79.7420041653 |
| Chem: | X: | -79.74200130484063 |
| G Logs: | Y: | 34.19986354403766 |
| Well Use Desc: | | |
| Chem Desc: no analysis | | |
| G Logs Desc: | | |
| Global ID: 44f2f929-4ee6-46d5-8a1d-2ae67c23ae31 | | |
| Remarks: | | |

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|-------------|
| 27 | ESE | 0.96 | 5,051.70 | 140.08 | WATER WELLS |

| | | |
|-------------------|----------------|--------------------|
| Well ID: FLO-109 | Owner Well ID: | |
| SCGR ID: 15M-p9 | WI Yr: | |
| Co No: | Driller: | Heater Well Co. |
| Use: | Drill Yr: | 1947 |
| WI Ft: | Drill Mo: | 5 |
| Depth D: | Topo: | Florence East |
| Depth C: 175 | Elev: | 145 |
| WI: | Location: | |
| WI Q: | Yield: | |
| Diam 1: 8 | Yield Yr: | |
| Diam 2: | D Logs: | No |
| OH Cas: | D Logs Text: | <Null> |
| Screen T: 165 | P Test: | No |
| Screen B: 175 | P Test Text: | <Null> |
| SCGS Sampl: no | County: | Florence |
| Object ID 1: 7553 | Latitude: | 34.199870242 |
| Well Use: IND | Longitude: | -79.7420041653 |
| Chem: | X: | -79.74200130484063 |
| G Logs: | Y: | 34.19986354403766 |
| Well Use Desc: | | |

Wells and Additional Sources Detail Report

Chem Desc: no analysis
 G Logs Desc:
 Global ID: d4a69743-047f-48e6-8a2d-fe7dad8c9ac2
 Remarks:

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|-------------|
| 28 | ESE | 0.97 | 5,129.06 | 142.09 | WATER WELLS |

| | | | |
|----------------|--------------------------------------|----------------|--------------------|
| Well ID: | FLO-100 | Owner Well ID: | |
| SCGR ID: | 15M-p6 | WI Yr: | |
| Co No: | | Driller: | |
| Use: | | Drill Yr: | |
| WI Ft: | | Drill Mo: | |
| Depth D: | | Topo: | Florence East |
| Depth C: | 180 | Elev: | 145 |
| WI: | | Location: | |
| WI Q: | | Yield: | 60 |
| Diam 1: | 6 | Yield Yr: | 1954 |
| 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: | Florence |
| Object ID 1: | 7546 | Latitude: | 34.1998702452 |
| Well Use: | DES | Longitude: | -79.7417241593 |
| Chem: | C | X: | -79.74172129921641 |
| G Logs: | | Y: | 34.1998635468918 |
| Well Use Desc: | | | |
| Chem Desc: | complete analysis | | |
| G Logs Desc: | | | |
| Global ID: | dab16963-9258-4e44-a2d9-61bcb43f8f98 | | |
| Remarks: | | | |

| Map Key | Direction | Distance (mi) | Distance (ft) | Elevation (ft) | DB |
|---------|-----------|---------------|---------------|----------------|-------------|
| 30 | SE | 1.00 | 5,269.63 | 121.79 | WATER WELLS |

| | | | |
|----------|---------|----------------|------------------------|
| Well ID: | FLO-208 | Owner Well ID: | |
| SCGR ID: | 15M-p5 | WI Yr: | 1980 |
| Co No: | | Driller: | Virginia Supply & Well |
| Use: | | Drill Yr: | 1980 |
| WI Ft: | 165 | Drill Mo: | 3 |
| Depth D: | 732 | Topo: | Florence East |
| Depth C: | 730 | Elev: | 145 |
| WI: | | Location: | |
| WI Q: | | Yield: | 1500 |
| Diam 1: | 14 | Yield Yr: | 1980 |

Wells and Additional Sources Detail Report

| | | | |
|----------------|--------------------------------------|--------------|------------------------|
| Diam 2: | 12 | D Logs: | Yes - log in DNR files |
| OH Cas: | | D Logs Text: | Yes |
| Screen T: | 320 | P Test: | No |
| Screen B: | 720 | P Test Text: | <Null> |
| SCGS Sampl: | yes | County: | Florence |
| Object ID 1: | 7635 | Latitude: | 34.1932102644 |
| Well Use: | PS | Longitude: | -79.7472843855 |
| Chem: | C | X: | -79.74728152457494 |
| G Logs: | E | Y: | 34.19320356787257 |
| Well Use Desc: | | | |
| Chem Desc: | complete analysis | | |
| G Logs Desc: | electric log | | |
| Global ID: | 3bf7fb48-a34b-4dfd-8553-3e233868809f | | |
| Remarks: | Samples at SCGS. | | |

Radon Information

This section lists any relevant radon information found for the target property.

Federal EPA Radon Zone for *FLORENCE* 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

Federal Area Radon Information for *FLORENCE* County

| | |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No Measures/Homes: | 37 |
| Geometric Mean: | 0.3 |
| Arithmetic Mean: | 0.5 |
| Median: | 0.4 |
| Standard Deviation: | 0.5 |
| Maximum: | 1.9 |
| % >4 pCi/L: | 0 |
| % >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



Education

Bachelor of Science, Environmental Sciences, University of North Carolina Charlotte – Charlotte, NC

Highlights

Phase I Environmental Site Assessments
Transaction Screen Assessments
Environmental Desktop Reports

Experience Summary

Ms. Stone serves as a Staff Assessor with Partner Engineering and Science, Inc. (Partner) and is responsible for conducting Phase 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 is also conducting Phase I Environmental Site Assessments for clients on various types of properties including multi-family residential and commercial properties. Prior to joining Partner, she earned her bachelor's at the University of North Carolina Charlotte where she received an Environmental Sciences degree.

Project Experience

Database Reviews. Ms. Stone has performed Database Reviews for single-family residential, multi-family residential, retail properties, commercial properties, and undeveloped acreage.

Phase I Environmental Site Assessments - Ghostwriting. Ms. Stone has assisted environmental professionals in completing Phase I ESAs for retail properties, commercial properties, and undeveloped acreage.

Contact

astone@partneresi.com



Education

B.Sc. Honors, Geography and Environmental Management, University of Johannesburg, South Africa, 1999*

B.Sc. Earth Sciences, University of Johannesburg, South Africa, 1998*

*B.Sc. Geography and Environmental Science issued by the University of Toronto - Comparative Education Service, 2000

Registrations

EPA-Compliant Environmental Professional (40 CFR Part 312)

Training

OSHA 40 Hour HAZWOPER

Highlights

20 years' experience performing Phase I Environmental Site Assessments, Transaction Screen Assessments, and Environmental Desktop Reports

15 years' experience performing Phase II Environmental Site Assessments, subsurface investigations, and Indoor Air Surveys

5 years' experience performing remediation

12 years' experience performing limited asbestos and lead surveys

Experience Summary

Wendy Moore has over twenty years of experience providing a wide range of environmental services, environmental site assessments, and project coordination, including regulatory interaction and reporting throughout North America. Experience includes a variety of technical services, including environmental site assessments, environmental impact assessments, regulatory research, and computer database management. Services include Phase I and II Environmental Assessments; project work plans; limited asbestos, lead, and mold survey reports; Title V and RECLAIM reporting; CEQA Mitigated Negative Declarations; NEPA services and Health and Safety Plans.

Project Experience

Ms. Moore managed and completed over 2,000 Phase I Environmental Site Assessments (ESAs) for various industries and properties, including wireless telecommunications, hospitals, industrial, commercial, and landfills across North America (USA and Canada). Activities included site reconnaissance, review of historical documents, agency lists/files, report writing, and peer review. Knowledge and implementation of American Society for Testing and Materials (ASTM) Standard Practice E1527-13 (updated to E1527-13) and U.S. Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) in the United States and CAN/CSA-Z768-01 and Ontario Regulation 153/04 in Canada (Ontario) on these assessments.

Ms. Moore completed and assisted with numerous Phase II Investigations across North America.

Ms. Moore completed numerous National Environmental Policy Act (NEPA) Screening reports and Environmental Impact Assessment reports for the telecommunications industry (United States).

Wendy Moore

Ms. Moore completed numerous limited asbestos surveys and lead-based paint surveys for various facilities and properties. Activities included limited sampling and report writing.

Ms. Moore managed and trained staff in completing a variety of environmental service related tasks.

Managed numerous sub-consultants nationwide assisting with Phase I ESAs conducted nationwide.

Ms. Moore assisted with marketing and preparation of Phase I and Phase II ESA proposals for sites across the USA and Canada.

Ms. Moore aided in the preparation of Quarterly RECLAIM reports and Annual Emissions reports for clients such as American Airlines, Inc. and Kal Kan Foods, Inc.

Ms. Moore provided technical support on numerous major projects including the Charnock Initial Regional Response Activities on behalf of Shell Oil Company. Work on this and other projects involved data acquisition, processing as well as electronic conversion of boring logs.

Ms. Moore participated in major subsurface investigation at Vernon Steel, including quarterly groundwater monitoring.

Ms. Moore assisted with compilation of remediation team in New Orleans subsequent to hurricane Katrina.

Affiliations

President – National Drilling Association, SoCal Chapter

Contact

wmoore@partneresi.com



Education

M.S. Civil-Environmental Engineering, California State University, Fullerton
B.S. Environmental Engineering, University of California, Riverside
Coursework in Legal and Regulatory Framework for Environmental Management,
University of California Irvine
Coursework in Mold Inspection

Registrations

Professional Engineer (PE), Colorado
Engineer-In Training (EIT), California
State of California Registered Environmental Assessor (program canceled in July 2012)
LEED Green Associate (GA) Accredited Professional, United States Green Building Council (lapsed)

Training

OSHA 40-hour HAZWOPER, Operations Level Health and Safety Training
OSHA 10-hour Construction Safety Training
AHERA Certified Building Inspector for Asbestos
Trained/Certified – Hazardous Waste in California, US Department of Transportation Hazardous Materials
Transportation, and USEPA Hazardous/Toxic Waste management (LION)

Highlights

Over 20 years in the environmental and engineering consulting industry with institutional and private clients
Environmental Engineer
Extensive knowledge of real estate due diligence
Phase I and Phase II Environmental Site Assessments
Site Mitigation and Remediation

Experience Summary

Ms. Ponce is an environmental engineer with more than 20 years of experience in the environmental and engineering services industries. As a Principal and National Client Manager working within Partner's Investment Advisory Group, Ms. Ponce strives to provide the expected high level of client service for the Equity Asset Management industry. She is responsible for ensuring consistency, quality, and on-time delivery of due diligence and engineering services provided by Partner. Current day-to-day responsibilities include project oversight, staff supervision, report review, and client management.

Ms. Ponce has significant experience in the field of environmental due diligence, site assessment, remediation, and regulatory compliance. Ms. Ponce provides environmental support to clients nationwide during the acquisition, disposition, development, and on-going management and operation of commercial, industrial, and multifamily residential properties.

Ms. Ponce has considerable experience in Phase I and Phase II Environmental Site Assessments (ESAs) of commercial, agricultural, and industrial properties and projects involving water quality, soil quality, and regulatory compliance including hazardous and solid waste site characterization and remediation;

remediation system design installation, and operation; tank removals; asbestos surveys; lead-based paint surveys; radon studies; mold assessments; lead-in water sampling and analysis; and technical reporting.

Ms. Ponce has been involved with feasibility and treatability studies associated with several remediation projects including soil and groundwater treatment systems, UST/LUST closures, and management of construction soils generated during redevelopment of agricultural and industrial properties. Other equity and finance level services managed and directed by Ms. Ponce include management of Property Condition Assessments, ALTA Land Surveys, zoning reports, Seismic Risk Assessments (PML), Construction Risk Management, construction monitoring services, and construction document cost review analysis.

Real estate investors, financial institutions, insurance lenders, property managers, developers, and brokers have come to rely on her advice and judgment to help them with their real estate business decisions. Ms. Ponce is a dedicated professional who takes pride and pleasure in meeting her client's needs and spearheading and assembling the team with the expertise to handle any issue that may come up during the real estate transaction.

Project Experience

Ms. Ponce has conducted, managed, and directed thousands of ESAs, industrial hygiene, and engineering assessments throughout her career, nationally, and globally. The following select projects and client base provide a glimpse of her consulting experience and due diligence background:

Ford Leasing Development Company / Sunset Ford, Westminster, California. Conducted a Phase I and II ESA and remedial activities at a closing automobile dealership with 41 service bays containing active, decommissioned, or removed in-ground hydraulic vehicle lifts. The Phase II ESA identified petroleum hydrocarbon and VOC impacts in soil and groundwater in the immediate vicinity of the lifts. Based on the identified impacts, managed the removal of all lifts and contaminated soil under regulatory oversight and conducted a comprehensive site investigation, including well installation and soil, groundwater, and soil vapor sampling. Prepared and submitted final reports to the client and regulatory agencies and obtained regulatory site closure.

UBS Realty Investors, LLC, Vernon, California. Conducted a Phase I and Phase II ESA, hazardous materials building survey, and oversight of remedial actions on an approximately 6-acre industrial property in preparation of acquisition and redevelopment. The property was more recently used for large quantity storage and distribution of motor oil and lubricants. The facility was previously involved with blending and bottling motor oil products including a historical cooperage with drum and container cleaning as part of those operations. The business had occupied the subject property since 1936 with consistent operations throughout its history and only minor modifications to the original design, with tanks farms, rail operations, and USTs. The Phase I ESA included site reconnaissance, property inspection, site history review, database search, and final report preparation with recommendations for additional assessment. The Phase II subsurface investigation scope included a geophysical survey, the advancement of 43 soil borings, 24 soil vapor borings identifying petroleum hydrocarbon and VOC impacts across the site. Based on the identified impacts, provided oversight of the cleanup with the property obtaining regulatory site closure and being redeveloped.

Confidential Private Equity Firm, Twenty-nine Sites in Nine States. Provided project oversight and supervision of Property Condition Assessments (PCAs), Mechanical, Electrical, Plumbing & Fires Life Safety (MEPFLS) assessments, Energy Surveys, and equipment inventory at active/operating cold storage facilities.

USDA Forest Service, Mountain Center, California. Prepared a Soil Excavation and Groundwater Well Installation Workplan to assess a release that was discovered during the removal of two 1,000-gallon USTs. Elevated contaminant concentrations were detected in confirmation soil samples collected at that time. Installed one groundwater monitoring well into fractured bedrock and later abandoned the well due to planned excavation activities in the area. A groundwater sample collected prior to well abandonment contained elevated contaminant concentrations. Prepared a Site Investigation Summary Report summarizing site activities and investigations to date. Prepared a Groundwater Assessment Workplan to assess the extent of contaminant concentrations in groundwater. Site assessment work is pending.

American Golf Corporation, Eighteen Sites in Southern California. Managed underground storage tank removal and closure activities. Work included performing initial confirmation soil sampling and analysis and subsequent monitoring and soil and/or groundwater testing in association with the removal of the underground storage tanks, associated dispensers, and piping at sixteen sites located throughout Southern California. Prepared soil and/or groundwater investigation workplans as needed to address contamination issues at several of the sites and closure reports for the various State and local authorities. To date, regulatory closure has been obtained at most of the facilities. Currently managing ongoing monitoring and/or remediation is occurring at several of the facilities.

G.E. Capital, Tijuana, Mexico. Managed and conducted more than 30 Phase I and Phase II ESAs for active and proposed industrial developments within various areas of Tijuana, Mexico. Work included site reconnaissance, site history review, and final report preparation.

Signature Flight Support, Unites States, Canada, Europe. Provided due diligence support in connection with the acquisition of Landmark Aviation's 195 global locations including FBOs, MROs, and its charter management division. Managed the portfolio conducting Phase I and Phase II report peer views, Phase I ESAs, and PCAs.

Affiliations

Commercial Real Estate Development Association (NAIOP), Member
Urban Land Institute (ULI)
National Ground Water Association (NGWA)
American Society of Civil Engineers (ASCE)
Commercial Real Estate Women (CREW), Member
Groundwater Resources Association (GRA) of California
American Academy of Environmental Engineers (AAEE)
International Council of Shopping Centers (ICSC), Member

Contact

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