Phase I Environmental Site Assessment

REPORT DATE: October 18, 2024

PROPERTY INFORMATION:
Highland Square
200 Pine Creek Court
Greenville, Greenville County, South Carolina 29605

PROJECT INFORMATION:
AEI Project No. 497755
Site Assessment Date: September 6, 2024

PREPARED FOR:
Related Affordable
30 Hudson Yards 72nd FL
New York, New York 10001

U.S. Department of Housing and Urban Development

PREPARED BY:
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October 18, 2024

Tyler Percell
Related Affordable
30 Hudson Yards 72nd FL
New York, New York 10001

Subject: **Phase I Environmental Site Assessment**
Highland Square
200 Pine Creek Court
Greenville, South Carolina 29605
AEI Project No. 497755

Dear Tyler Percell:

AEI Consultants is pleased to provide the *Phase I Environmental Site Assessment* of the above referenced property. This assessment was authorized and performed in accordance with the scope of services engaged.

We appreciate the opportunity to provide 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 (804) 412-8793 or staige.miller@aeiconsultants.com.

Sincerely,

Staige Miller
Senior Vice President
AEI Consultants

PROJECT SUMMARY

200 Pine Creek Court, Greenville, Greenville County, South Carolina 29605
AEI Project No. 497755

Report Section		REC	CREC	HREC	OEC	Recommended Action
1.0	Introduction					None
2.0	Site and Vicinity Description					None
3.0	Historical Records Review					None
4.0	Regulatory Agency Records Review					None
5.0	Regulatory Database Records Review					None
6.0	Interviews and User Provided Information					None
7.0	Site Reconnaissance					None
8.1	Asbestos-Containing Building Materials				✔	Abate ACMs; Adhere to 2024 ACM O&M Program
8.2	Lead-Based Paint					None
8.3	Naturally-Occurring Radon				✔	Radon survey upon completion of rehabilitation activities
8.4	Mold or Microbial Growth Conditions				✔	Remediation with a certified mold remediation contractor; pre-occupancy confirmatory sampling. Adhere to recommended housekeeping/maintenance tasks to prevent future water intrusion/mold growth

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REPORT VIABILITY

Site Visit	September 6, 2024
Regulatory Database	September 6, 2024
Interview(s)	Property Owner: N/A Key Site Manager: N/A
EP Declaration	October 18, 2024
Environmental Lien Search (if conducted by AEI)	N/A
Report Viability per ASTM E1527-21	March 5, 2025

The dates listed are required for Users who are using the report in connection with CERCLA liability protections. The User may have their own criteria when the report is being used for business risk purposes, and not CERCLA liability protections.

EXECUTIVE SUMMARY

AEI Consultants (AEI) was retained by Related Affordable to conduct a Phase I ESA in conformance with AEI's contract and the scope and limitations of ASTM Standard Practice E1527-21, the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), and Federal Housing Administration (FHA) Multifamily Accelerated Processing (MAP) Guidelines for the property located at 200 Pine Creek Court, Greenville, Greenville County, South Carolina (the "subject property"). Any exceptions to, or deletions from, this practice are described in Sections 1.4, 1.5, and 1.6 of this report.

Pertinent subject property information is noted below:

Property Information	
Site Address(es)	200 Pine Creek Court, Greenville, Greenville County, South Carolina 29605
Property ID (APN or Block/Lot)	WG-002-03-01-012-00
Location	Eastern side of Pine Creek Court to the north of its intersection with Glen Burnie Street
Site and Building Information	
Approximate Site Acreage/Source	13.4/Assessor
Number of Buildings	11 (10 apartment buildings and 1 Leasing office/clubhouse)
Building Construction Date(s)/Source	1979/Client provided
Building Square Footage (SF)/Source	141,010/Client provided
Number of Floors/Stories	1-3
Basement or Subgrade Area(s)	None identified
Number of Units	152
Additional Improvements	Playground, swimming pool, tennis court, maintenance storage shed, tenant mailboxes, concrete sidewalks, asphalt-paved parking areas and associated landscaping
Property Type	Multifamily
On-site Occupant(s)	Highland Square Apartments
Current On-site Operations/Use	Multifamily residential apartment complex and associated administrative activities
Current Use of Hazardous Substances	Yes; refer to Section 7.1
Regulatory Information	
Regulatory Database Listing(s)	None identified

A chronological summary of historical subject property information is as follows:

Date Range	Subject Property Description and Use (Historical Addresses)	Source(s)
Prior to 1935	Unknown use/Data failure; refer to Section 1.6.1	N/A
1935-1947	Agricultural and wooded land	Aerial photographs, topographic maps
1951-1978	Agricultural and wooded land with electrical transmission line easement	Aerial photographs, topographic maps
1979-Present	Current apartment complex and electrical transmission line easememnt	Aerial photographs, city directories, agency records, site observation

The immediately surrounding properties consist of the following:

Direction	Tenant/Use (Address)	Regulatory Database Listing(s)
North	Vacant wooded land (no current address) Single-family residences (90, 92, 96 & 98 Community Road)	None identified
East	Single-family residences (802, 804, 806, 808, 810, 814, 816, 818, 820, 822, 824, 826 & 828 Pine Creek Drive) Single-family Residences (2, 4 & 6 Pine Creek Court)	None identified
South	Residential condominium complex (1-50 Glen Burnie Street/100-182 Pine Creek Court)	None identified
West	Pine Creek Court followed by: FedEx distribution center (135 Fed Ex Way) Vacant wooded land (100, 101, 105, 109, 111, 115 & 117 Fed Ex Way/1128 White Horse Road)	None identified

FINDINGS AND OPINIONS

Significant Data Gap(s) is defined by the current ASTM Standard E1527 as a data gap that affects the ability of the environmental professional to identify a recognized environmental condition.

AEI did not identify significant data gaps which affected our ability to identify RECs.

Recognized Environmental Condition (REC) is defined by the current ASTM Standard E1527 as (1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) 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 (3) 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.

- AEI did not identify evidence of RECs during the course of this assessment.

Controlled Recognized Environmental Condition (CREC) is defined by the current ASTM Standard E1527 as a recognized environmental condition 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 implementation of required controls (for example, activity and use limitations or other property use limitations).

- AEI did not identify evidence of CRECs during the course of this assessment.

Historical Recognized Environmental Condition (HREC) is defined by the current ASTM Standard E1527 as 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).

- AEI did not identify evidence of HRECs during the course of this assessment.

Other Environmental Considerations include, but are not limited to, de minimis conditions and/ or business environmental risks such as the presence of ACMs, LBP, radon, mold, and lead in drinking water, which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in the ASTM Standard. These may also affect the liabilities and financial obligations of the client, the health and safety of site occupants, and the value and marketability of the subject property.

- *Asbestos-containing materials*- Per United States EPA regulations, buildings of any age may contain asbestos. According to the HUD MAP Guide, buildings constructed prior to 1989 must be inspected by a qualified asbestos inspector. The subject property building was constructed in 1979.

  In accordance with the HUD MAP Guide, Mr. Timothy Quint conducted a Pre-Renovation Survey in general compliance with ASTM Standard Practice for Comprehensive Asbestos Building Surveys (ASTM E 2356-18) at the subject property from September 3 to September 5, 2024. Mr. Quint is a South Carolina-Certified Asbestos Building Inspector (License No. BI-002268).

  Based upon on-site visual inspection and bulk sampling guidelines, 492 samples of the suspect asbestos-containing building materials (ACBMs) were collected and submitted to the analytical laboratory of Eurofins EPK Built Environment Testing, LLC (Eurofins) located in Tustin, California and during standard polarized light microscopy, with dispersion staining (PLM/DS), examination revealed the presence of six hundred ten (610) individual PLM/DS layers. Based on the US EPA asbestos regulations prescribed (mandatory) analytical method, the laboratory analyst has the sole discretion/responsibility in determining whether the bulk sample is composed of one or layers. Upon receipt of the PLM/DS laboratory data, AEI selected 108 non-friable organically-bound (NOB) of suspect materials of which were reported as non-detect by PLM, to undergo further analysis via "Gravimetric Reduction and Transmission Electron Microscopy" (TEM) (ELAP 198.4) at Eurofins laboratory located in Tustin, California. All bulk sampling of suspected asbestos was based upon the appearance, texture, and location of the material.

  Asbestos-containing materials were identified in the apartment complex as a result of testing and laboratory analyses. Refer to the Asbestos Inspection Report dated September 30, 2024 for a complete listing of ACM. The Asbestos Inspection Report is included in the appendices of this report.

  In accordance with local, state, and federal regulations and the provisions of the 2024 ACM O&M Program, no known or suspect ACM shall be disturbed and no work with the potential to impact any ACM or suspect ACM shall be performed in any way, prior to laboratory analysis to confirm whether or not the material contains asbestos. Any repairs or renovations to the ACMs should be performed by a -licensed asbestos contractor. Proper safety procedures for the removal or repair of ACMs should always be followed in order to protect occupants of the building and the abatement workers.

- *Radon gas*- In accordance with the HUD MAP Guide, all substantial rehabilitation projects should be tested for radon, and radon testing protocols must follow those set by the American Association of Radon Scientists and Technologists (AARST), Protocol for Conducting Measurements of Radon and Radon Decay Products in Multifamily,

School, Commercial and Mixed-Use Buildings (ANSI/AARST MA-MFLB 2023). This includes testing 100% of ground contact locations and 10% of upper floor locations in all buildings included within the project. However, due to the planned rehabilitation activities which will impact the current building envelopes, it has been determined that radon testing at this time is infeasible.

- *Mold or microbial growth conditions*- One Source Environmental, LLC (OSE) was retained by AEI Consultants (Client) to conduct a Limited Water Intrusion and Mold Assessment of Highland Square. The assessment aimed to investigate and report on potential water damage and microbial (mold) growth observed at the subject property. On September 9, 10, and 13, 2024, Ms. Kathryn Hubicki of OSE conducted the requested services. The assessment and screening were limited to interior spaces only, and in those units selected by the property, plus the common areas. The assessment was completed using a combination of investigative techniques, including visual observations and instrument readings for moisture in building materials. No sampling was performed as part of this assessment.

  OSE utilized a visual/olfactory assessment of the interiors of the units and common areas accessed, coupled with moisture monitoring of building materials. A walk-through of the unit was conducted, with particular attention paid to the interior of the undersink cabinet in the kitchen and the interior of the vanities in the bathrooms, as well as the bathroom, HVAC closet, and laundry (if present).

  Moisture readings were taken from various accessible finished materials throughout the investigated areas using a General Tools MMH800 Pin Pinless Moisture Meter. The moisture meter operates by measuring the electrical conductivity between two pins that are inserted into the sample substrate. Materials containing moisture exhibit increased conductivity compared to a dry sample of the same material. The General Tools MMH800 is capable of detecting moisture levels in wood between 5% to 50% and moisture levels in building materials between 1.5% to 33%. Moisture readings were typically collected from walls and ceilings exhibiting evidence of water damage or thermal abnormalities, or from areas where water intrusion is likely such as near windows. For wood and paper, normal moisture level readings range from 0% to 5%. Surfaces with moisture concentration from 5% - 15% are considered moist and are suspect for mold growth. Surfaces above 16% are considered wet. For building materials such as brick or concrete, normal moisture level readings range from 0% to 1.5%. Surfaces with moisture concentration from 1.5% - 17% are considered moist and are suspect for mold growth. Surfaces above 20% are considered wet.

  Results of the assessment conducted by OSE identified a pattern of the presence of mold, water intrusion, elevated moisture levels, and water-damaged building materials, in the following areas: bathroom ceilings and walls, hallway baseboards, utility closets, and kitchen undersink cabinets.

- *On-site electrical transmission line*- During AEI's site reconnaissance, a potential high-voltage transmission line was observed crossing the southern portion of the subject property in a general southwest to northeast direction. According to Climate Mapping for Resilience & Adaptation's U.S. Electric Power Transmission Lines

Assessment Tool, the powerline is operated by Duke Energy Carolinas, LLC and carries 100 kVs. According to HUD's Environmental Fact Sheet on Fall Hazards, transmission lines are defined as generally carrying 69 kVs or above.

Review of aerial imagery indicates that several parking spaces are located beneath the power transmission line. According to the ALTA survey prepared by AEI, 14 parking spaces are located in the transmission easement. In accordance with the HUD MAP Guide, no buildings, ancillary facilities, structures or common areas may be located within the easement of any overhead high-voltage transmission line. HUD has confirmed that parking spaces are considered common areas.

Additionally, all buildings, ancillary facilities, structures or common areas must also be located outside the engineered fall distance of any support structure for high-voltage transmission line. As such, if any buildings, ancillary facilities, structures or common areas are within the distance equal to the height of a support structure, an engineering report that evaluates the support structure's engineered fall distance is required. The engineered fall distance must be calculated by a registered professional engineer. AEI is currently under contract for this service; this report will be updated upon completion.

Two support poles are located on the subject property, with an additional support pole located immediately adjoining to the southeast of the site. The support poles are estimated to be approximately 95 feet in height. Two (2) structures and at least one (1) parking space are observed to be located within the maximum fall distance for the observed support poles.

CONCLUSIONS AND RECOMMENDATIONS

We have performed a Phase I ESA in conformance with the scope and limitations of ASTM Standard Practice E1527-21, the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), and Federal Housing Administration (FHA) Multifamily Accelerated Processing (MAP) Guidelines of 200 Pine Creek Court, Greenville, Greenville County, South Carolina, the *subject property*. Any exceptions to, or deletions from, this practice are described in Sections 1.4, 1.5, and 1.6 of this report.

This assessment has revealed no evidence of recognized environmental conditions, controlled recognized environmental conditions, or significant data gaps in connection with the subject property. AEI recommends no further investigation for the subject property at this time.

AEI recommends the following of the identified OECs:

- *Asbestos-containing materials*- AEI recommends abatement of any impacted ACMs by a licensed asbestos abatement contractor and proper offsite disposal. If any suspect materials are identified during demolition/renovation activities that were not previously sampled, they should be sampled by a licensed asbestos inspector and handled accordingly. AEI recommends the property owner adhere to the 2024 Operations & Maintenance (O&M) Plan that stipulates that the assessment, repair and maintenance of damaged materials be performed to protect the health and safety of the building occupants.

- *Radon gas*- AEI recommends a radon survey in accordance with ANSI/AARST MA-MFLB 2023 for compliance with the HUD MAP Guide upon completion of rehabilitation activities.
- *Mold/microbial growth conditions*- Based on the findings of OSE's report, remediation of the units by a certified mold remediation contractor and pre-occupancy confirmatory sampling is recommended. Until remediation can occur, the immediate placement of dehumidfiers/industrial fans within the affected units is recommended. Additionally, a review of the plumbing systems is recommended to ensure that no leaks are identified. Further general housekeeping/maintenance recommendations to prevent future moisture intrusion/mold growth are detailed in OSE's report.
- *On-site electrical transmission line*- AEI recommends completing a fall zone engineering study to determine the fall hazard potential of the support poles associated with the onsite electrical transmission line. AEI is currently under contract for this service; this report will be updated upon completion.

1.0 INTRODUCTION

This report documents the methods and findings of the Phase I ESA performed in conformance with AEI's contract and scope and limitations of ASTM Standard Practice E1527-21, the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), and Federal Housing Administration (FHA) Multifamily Accelerated Processing (MAP) Guidelines for the property located at 200 Pine Creek Court, Greenville, Greenville County, South Carolina (Appendix A: Figures and Appendix B: Property Photographs).

1.1 Scope of Work

The purpose of the Phase I ESA is to assist the client in identifying potential RECs, in accordance with the most current ASTM E1527 Standard associated with the presence of any hazardous substances or petroleum products, their use, storage, and disposal at and in the vicinity of the subject property. Property assessment activities focused on: 1) a review of federal, state, tribal, and local databases that identify and describe underground fuel tank sites, leaking underground fuel tank sites, hazardous waste generation sites, and hazardous waste storage and disposal facility sites within the ASTM approximate minimum search distance; 2) a property and surrounding site reconnaissance, and interviews with the past and present owners and current occupants and operators to identify potential environmental contamination; and 3) a review of historical sources to help ascertain previous land use at the site and in the surrounding area.

1.2 Additional Services

Other Environmental Considerations such as ACMs, LBP, lead in drinking water, radon, mold, and wetlands can result in business environmental risks for property owners which may disrupt current or planned operations or cash flow and are generally beyond the scope of a Phase I assessment as defined by the current ASTM Standard E1527. Based upon the agreed-on scope of services this ESA did not include subsurface or other invasive assessments, business environmental risks, or other services not specifically identified and discussed herein.

1.3 Significant Assumptions

The following assumptions are made by AEI in this report. AEI relied on information derived from secondary sources including governmental agencies, the client, designated representatives of the client, property contact, property owner, property owner representatives, computer databases, and personal interviews. AEI has reviewed and evaluated the thoroughness and reliability of the information derived from secondary sources including government agencies, the client, designated representatives of the client, property contact, property owner, property owner representatives, computer databases, or personal interviews. It appears that all information obtained from outside sources and reviewed for this assessment is thorough and reliable. However, AEI cannot guarantee the thoroughness or reliability of this information.

Groundwater flow, unless otherwise specified by on-site well data or well data from the subject property or nearby sites, is inferred from contour information depicted on the USGS topographic maps. AEI assumes the property has been correctly and accurately identified by the client, designated representative of the client, property contact, property owner, and property owner's representatives.

1.4 LIMITATIONS

Property conditions, as well as local, state, tribal, and federal regulations can change significantly over time. Therefore, the recommendations and conclusions presented as a result of this assessment apply strictly to the environmental regulations and property conditions existing at the time the assessment was performed. Available information has been analyzed using currently accepted assessment techniques and it is believed that the inferences made are reasonably representative of the property. AEI makes no warranty, expressed or implied, except that the services have been performed in accordance with generally accepted environmental property assessment practices applicable at the time and location of the assessment.

Considerations identified by ASTM as beyond the scope of a Phase I ESA that may affect business environmental risk at a given property include the following: ACMs, radon, LBP, lead in drinking water, wetlands, regulatory compliance, cultural and historical resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality, mold, and high voltage lines. These environmental issues or conditions may warrant assessment based on the type of the property transaction; however, they are considered non-scope issues under the current ASTM Standard E1527.

If requested by the client, these non-scope issues are discussed herein. Otherwise, the purpose of this assessment is solely to satisfy one of the requirements for qualification of the innocent landowner defense, contiguous property owner or bona fide prospective purchaser under CERCLA. The current ASTM Standard E1527 and the United States EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) constitute the "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined in:

1. 42 U.S.C. § 9601(35)(B), referenced in the current ASTM Standard E1527.
2. Sections 101(35)(B) (ii) and (iii) of CERCLA and referenced in the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312).
3. 42 U.S.C. § 9601(40) and 42 U.S.C. § 9607(q).

The Phase I Environmental Site Assessment is not, and should not be construed as, a warranty or guarantee about the presence or absence of environmental contaminants that may affect the property. Neither is the assessment intended to assure clear title to the property in question. The sole purpose of assessment into property title records is to ascertain a historical basis of prior land use. All findings, conclusions, and recommendations stated in this report are based upon facts, circumstances, and industry-accepted procedures for such services as they existed at the time this report was prepared (i.e., federal, state, and local laws, rules, regulations, market conditions, economic conditions, political climate, and other applicable matters). All findings, conclusions, and recommendations stated in this report are based on the data and information provided, current subject property use, and observations and conditions that existed on the date and time of the property reconnaissance.

Responses received from local, state, or federal agencies or other secondary sources of information after the issuance of this report may change certain facts, findings, conclusions, or circumstances to the report. A change in any fact, circumstance, or industry-accepted procedure upon which this report was based may adversely affect the findings, conclusions, and recommendations expressed in this report.

AEI's limited radon screening, if included, is intended to provide a preliminary screening to evaluate the potential presence of elevated radon concentrations at the site. The proposed scope is not intended to define the full extent of the presence of radon at the subject property. As such, the results should be used for lending purposes only. The recommendations and conclusions presented as a result of the limited preliminary radon screening apply strictly to the property conditions existing at the time the sampling was performed. The sample analytical results are only valid for the time, place, and condition of the site at the time of collection and AEI does not warrant that the results will be repeatable or are representative of past or future conditions.

1.5 Limiting Conditions/Deviations

The performance of this assessment was limited by the following:

- While additional assessments may have been conducted on the subject property, these documents must be provided for AEI's review in order for the information to be summarized/included in this report. Please refer to Section 6.3 for a summary of previous reports and other documentation provided to AEI during this assessment.
- The User did not complete the ASTM User Questionnaire or provide the User information to AEI. AEI assumes that qualification for the LLPs is being established by the User in documentation outside of this assessment.
- AEI requested an interview with the subject property owner and key site manager; however, the subject property owner and key site manager have not responded as of this report date. Based on the quality of information obtained from other sources, this limitation is not expected to alter the overall findings of this assessment.
- A search of historical city directories was not conducted for the western adjoining sites along Fed Ex Way and White Horse Road. However, based on a review of other available historical sources, these sites appear to have historically been vacant or occupied by the current distribution center. Therefore, this limiting condition is not expected to alter the findings of this assessment.
- Due to the size of the property, AEI observed a representative sample of interior spaces. AEI observed the following units: 9, 16, 26, 27, 34, 36, 42, 55, 58, 92, 98, 102, 105, 123, 126 & 142 (10% of total units). Due to the residential nature of occupancy, this limited inspection method is expected to be adequate for the purposes of this assessment.
- The Gantt District Fire Department was contacted for information on the subject property in order to identify historical tenants/use, property development, and/ or hazardous substance/petroleum product handling. Due to the time frame of this assessment, records were not available for review. However, based on the quality of information obtained from other sources, this limitation is not expected to significantly alter the findings of this assessment.

1.6 Data Failure and Data Gaps

According to the current ASTM Standard E1527, data gaps occur when the Environmental Professional is unable to obtain information required by the Standard, despite good faith efforts to gather such information. Pursuant to the current ASTM Standard E1527, only significant data gaps, defined as those that affect the ability of the Environmental Professional to identify RECs, need to be documented.

Data failure is one type of data gap. According to the current ASTM Standard E1527, data failure occurs when all of the standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives have not been met. Pursuant to the current ASTM Standard E1527, historical sources are required to document property use back to the property's first developed use or back to 1940, whichever is earlier, or periods of five years or greater.

1.6.1 Data Failure

The following data failure was identified during the course of this assessment:

Data Failure	As noted in Section 3.0, the earliest historical resource obtained during this assessment indicated that the subject property was developed agriculturally. The lack of historical sources for the subject property dating back to first developed use represents historical data source failure. However, as it is assumed that the subject property would have been previously used for agricultural purposes, if not undeveloped, this data failure is not expected to significantly alter the findings of this assessment.
Information/Sources Consulted	Aerial photographs, topographic maps, city directories, historical topographic maps, agency records

1.6.2 Significant Data Gaps

AEI did not identify significant data gaps which affected our ability to identify RECs.

1.7 Reliance

All reports, both verbal and written, are for the benefit of Related Affordable and the U.S. Department of Housing and Urban Development. This report has no other purpose and may not be relied upon by any other person or entity without the written consent of AEI. 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 AEI granting such rights, no third parties shall have rights of recourse or recovery whatsoever under any course of action against AEI, its officers, employees, vendors, successors, or assigns. Reliance is provided in accordance with AEI's contract and Standard Terms and Conditions executed by Related Affordable on August 15, 2024. The limitation of liability defined in the Terms and Conditions is the aggregate limit of AEI's liability to the client and all relying parties.

2.0 SITE AND VICINITY DESCRIPTION

2.1 Site Location and Description

Property Information	
Site Address(es)	200 Pine Creek Court, Greenville, Greenville County, South Carolina 29605
Property ID (APN or Block/Lot)	WG-002-03-01-012-00
Location	Eastern side of Pine Creek Court to the north of its intersection with Glen Burnie Street
Site and Building Information	
Approximate Site Acreage/Source	13.4/Assessor
Number of Buildings	11 (10 apartment buildings and 1 Leasing office/clubhouse)
Building Construction Date(s)/Source	1979/Client provided
Building Square Footage (SF)/Source	141,010/Client provided
Number of Floors/Stories	1-3
Basement or Subgrade Area(s)	None identified
Number of Units	152
Additional Improvements	Playground, swimming pool, tennis court, maintenance storage shed, tenant mailboxes, concrete sidewalks, asphalt-paved parking areas and associated landscaping
Property Type	Multifamily
On-site Occupant(s)	Highland Square Apartments
Current On-site Operations/Use	Multifamily residential apartment complex and associated administrative activities
Current Use of Hazardous Substances	Yes; refer to Section 7.1
Regulatory Information	
Regulatory Database Listing(s)	None identified

2.2 On-Site Utilities

Utility	Source/System Information
Heating System	Electricity
Cooling System	Electricity
Potable Water	Greenville County Soil and Water Conservation District
Sewage Disposal/Treatment	Greenville County Soil and Water Conservation District

Utility source/system information listed in the table above is provided by Mr. Gary Brownlee, Maintenance Technician, unless otherwise noted above.

2.3 Site and Vicinity Characteristics

The subject property is located in a rural mixed residential and light industrial area of Greenville, South Carolina. The immediately surrounding properties consist of the following:

Direction	Tenant/Use (Address)	Regulatory Database Listing(s)
North	Vacant wooded land (no current address) Single-family residences (90, 92, 96 & 98 Community Road)	None identified

Direction	Tenant/Use (Address)	Regulatory Database Listing(s)
East	Single-family residences (802, 804, 806, 808, 810, 814, 816, 818, 820, 822, 824, 826 & 828 Pine Creek Drive) Single-family Residences (2, 4 & 6 Pine Creek Court)	None identified
South	Residential condominium complex (1-50 Glen Burnie Street/100-182 Pine Creek Court)	None identified
West	Pine Creek Court followed by: FedEx distribution center (135 Fed Ex Way) Vacant wooded land (100, 101, 105, 109, 111, 115 & 117 Fed Ex Way/1128 White Horse Road)	None identified

2.4 Physical Setting

Geologic Unit	Metamorphic rock of the Paleozoic-era Source: USGS and United States Department of the Interior
Soil Series	Cecil-urban land complex, Pacolet, and urban land Source: USDA Soil Survey
Groundwater Flow Direction	North Source: Topographic map interpretation
Estimated Depth to Groundwater	20 feet bgs Source: USGS
Surface waters on the subject property or adjoining sites	Northern adjoining Brushy Creek
Additional Notes	None

Note: Groundwater flow direction can be influenced locally and regionally by the presence of local wetland features, surface topography, recharge and discharge areas, horizontal and vertical inconsistencies in the types and location of subsurface soils, and proximity to water pumping wells. Depth and gradient of the water table can change seasonally in response to variation in precipitation and recharge, and over time, in response to urban development such as storm water controls, impervious surfaces, pumping wells, cleanup activities, dewatering, seawater intrusion barrier projects near the coast, and other factors.

3.0 HISTORICAL RECORDS REVIEW

Reasonably ascertainable standard historical sources as outlined in ASTM Standard E1527-21 were used to determine previous uses and occupancies of the subject property that are likely to have led to RECs in connection with the subject property. A chronological summary of historical data found, including but not limited to aerial photographs, historical city directories, Sanborn fire insurance maps, historical topographic maps, and agency records, is as follows:

Date Range	Subject Property Description and Use (Historical Addresses)	Source(s)
Prior to 1935	Unknown use/Data failure; refer to Section 1.6.1	N/A
1935-1947	Agricultural and wooded land	Aerial photographs, topographic maps
1951-1978	Agricultural and wooded land with electrical transmission line easement	Aerial photographs, topographic maps
1979-Present	Current apartment complex and electrical transmission line easememnt	Aerial photographs, city directories, agency records, site observation

Based on a review of aerial photographs, there is potential that the subject property was historically used for agricultural purposes. There is a potential that agricultural chemicals, such as pesticides and fertilizers, were used on site, and that the subject property has been impacted by the use of such agricultural chemicals. The routine application of pesticides and fertilizers is not considered a release subject to CERCLA response costs. No evidence of spilling, dumping, emitting, and/or mishandling of pesticides and/or fertilizers was identified, and thus the former agricultural uses do not represent a REC.

With the exception of some landscaped areas, the subject property is either paved over or covered by improvements that make direct contact with any potential remaining concentrations in the soil unlikely. Furthermore, development of the subject property likely involved grading activities which would have removed near surface soils or would have potentially involved the addition of imported soils for the landscaped areas. The landscaped areas observed were relatively small in square footage, and covered with ground cover and/or trees which also can reduce direct contact with any potential remaining concentrations in the soil. Based on the presence of the site improvements, no further action related to the former agricultural use of the subject property appears warranted at this time.

If available, copies of historical sources are provided in the report appendices.

3.1 AERIAL PHOTOGRAPHS

AEI reviewed aerial photographs of the subject property and surrounding area. A search was made of the EDR collection of aerial photographs. Aerial photographs were reviewed for the following years (1943-2019, non-inclusive):

Year(s)	Subject Property Description	Adjoining Site Descriptions
1943, 1947	Agricultural and wooded land	NORTH: Agricultural and wooded land EAST: Wooded land SOUTH: Agricultural and wooded land WEST: Agricultural and wooded land

Year(s)	Subject Property Description	Adjoining Site Descriptions
1951, 1955	Agricultural and wooded land with electrical transmission line easement	NORTH: No significant changes EAST: Wooded land with electrical transmission line easement SOUTH: No significant changes WEST: Agricultural and wooded land with electrical transmission line easement
1964	Cleared and wooded land with electrical transmission line easement	NORTH: Wooded land and residences EAST: Residences and electrical transmission line easement SOUTH: Vacant cleared and wooded land WEST: Cleared and wooded land with electrical transmission line easement
1976, 1978	No significant changes	NORTH: No significant changes EAST: No significant changes SOUTH: Residential condominium complex WEST: Roadway followed by wooded land with electrical transmission line easement
1981, 1989, 1994	Current apartment complex and electrical transmission line easement	NORTH: No significant changes EAST: No significant changes SOUTH: No significant changes WEST: No significant changes
2006, 2009, 2013, 2017	No significant changes	NORTH: No significant changes EAST: No significant changes SOUTH: No significant changes WEST: Roadway followed by wooded land, distribution center, and electrical transmission line easement

Subject property:

- Agricultural land - refer to Section 3.0

Adjoining sites:

- No RECs identified

3.2 Sanborn Fire Insurance Maps

Sanborn Fire Insurance maps were developed in the late 1800s and early 1900s for use as an assessment tool for fire insurance rates in urbanized areas. A search was made of the EDR collection of Sanborn Fire Insurance maps.

Sanborn map coverage was not available for the subject property.

3.3 City Directories

A search of historical city directories was conducted for the subject property utilizing EDR. Directories were reviewed in approximate five-year increments from 1964-2020, non-inclusive. The first listing for the subject property appeared in 1980.

Listings for the subject property included the current apartment complex and associated residential tenants.

No potential tenants of concern were identified based on AEI's review of the historical city directories.

Refer to the appendices for a complete list of historical subject property tenants identified by EDR.

The table below summarizes the search of historical city directories conducted for the adjoining sites. Refer to the appendices for a complete list of historical adjoining occupants identified during the review of city directories obtained from EDR.

Adjoining Sites

Direction	Address(es)	Potential Tenants of Concern
North	90, 92, 96 & 98 Community Road	None identified
East	802, 804, 806, 808, 810, 814, 816, 818, 820, 822, 824, 826 & 828 Pine Creek Drive	None identified
East	2, 4 & 6 Pine Creek Court	None identified
South	1-50 Glen Burnie Street	None identified
South	100-182 Pine Creek Court	None identified
West	100, 101, 105, 109, 111, 115, 117 & 135 Fed Ex Way	N/A (addresses not researched; see Section 1.5)
West	1128 White Horse Road	N/A (address not researched; see Section 1.5)

Subject property:

- No RECs identified

Adjoining sites:

- No RECs identified

3.4 Historical Topographic Maps

AEI reviewed historical topographic maps of the subject property and surrounding area. A search was made of the EDR collection of topographic maps. Historical topographic maps were reviewed for the following years 1935-2020, non-inclusive:

Year(s)	Subject Property Description	Adjoining Site Descriptions
1935	No features depicted	NORTH: Wooded wetlands EAST: No features depicted SOUTH: No features depicted WEST: No features depicted
1938	Cleared and wooded land	NORTH: No significant changes EAST: Wooded land SOUTH: Cleared and wooded land WEST: Cleared and wooded land
1957	Cleared and wooded land with electrical transmission line easement	NORTH: Wooded land with residences and stream EAST: Cleared and wooded land with residences and electrical transmission line easement

Year(s)	Subject Property Description	Adjoining Site Descriptions
		SOUTH: No significant changes WEST: Cleared and wooded land with electrical transmission line easement
1976, 1983	No significant changes	NORTH: No significant changes EAST: Urban land with residences and electrical transmission line easement SOUTH: Cleared land with residential condominium complex WEST: Roadway followed by cleared and wooded land with electrical transmission line easement
2014, 2017, 2020	Cleared land	NORTH: Cleared and wooded land with stream EAST: Cleared land SOUTH: Cleared land WEST: Roadway followed by cleared and wooded land

Subject property:

- No RECs identified

Adjoining site):

- No RECs identified

3.5 Chain of Title

Based on the quality of information obtained from other sources, a chain of title search was not performed as part of this assessment.

4.0 REGULATORY AGENCY RECORDS REVIEW

Local and state agencies, such as environmental health departments, fire prevention bureaus, and building and planning departments are contacted to identify any current or previous reports of hazardous substance use, storage, and/or unauthorized releases that may have impacted the subject property. In addition, information pertaining to AULs, defined as legal or physical restrictions, or limitations on the use of, or access to, a site or facility, is requested.

4.1 Local Environmental Health Department and/or State Environmental Agency

Agency	Date Contacted	Method of Contact	Name & Title of Contact	Agency Response
South Carolina Department of Environmental Services (SCDES)	September 12, 2024	Online	N/A	No records on file

4.2 Fire Department

Agency	Date Contacted	Method of Contact	Name & Title of Contact	Agency Response
Gantt District Fire Department (GDFD)	September 12, 2024	Email	N/A	Response pending, refer to Section 1.5

4.3 Building Department

Agency	Date Contacted	Method of Contact	Name & Title of Contact	Agency Response
Greenville County Building Safety and Code Enforcement (GCBSCE)	September 12, 2024	Online	N/A	Records discussed below

AEI accessed online records at the GCBSCE to review available records associated with the subject property. Available permit records dated from 2001 to 2020, and included various records including electrical, building alteration, mechanical, plumbing, and signage permits. Evidence indicating current or prior use or storage of hazardous substances was not identified online for the subject property with the GCBSCE.

4.4 Planning Department

Agency	Date Contacted	Method of Contact	Name & Title of Contact	Agency Response
Greenville County Planning/Zoning Department (GPZD)	September 12, 2024	Online	N/A	No evidence indicating the existence of AULs on file for the subject property

4.5 Assessor's Office

Agency	Date Contacted	Method of Contact	Name & Title of Contact	Agency Response
Greenville County Assessor's Office	September 12, 2024	Online	N/A	Information obtained is discussed below

Records Summary

APN	WG-002-03-01-012-00
Acreage	13.4 acres
Construction Date	Not provided
Building Square Footage	Not provided
Current Owner	HS Investors LLC

4.6 Other Agencies Searched

Other agencies contacted during the course of this assessment are discussed in Section 9.0.

4.7 Oil and Gas Wells

As the State of South Carolina does not maintain a department of oil and gas, AEI consulted the USGS topographic map which did not reveal any oil or gas wells within 500 feet of the subject property. No environmental concerns were noted during the USGS map review.

4.8 Oil and Gas Pipelines

Agency	Date Referenced	Resource	Pipelines located within 500 feet of the subject property
National Pipeline Mapping System (NPMS)	September 12, 2024	NPMS Public Map Viewer	No

5.0 REGULATORY DATABASE RECORDS REVIEW

AEI contracted EDR to conduct a search of publicly available information from federal, state, tribal, and local databases containing known and suspected sites of environmental contamination and sites of potential environmental significance. Data gathered during the current regulatory database search is compiled by EDR into one regulatory database report. Location information for listed sites is designated using geocoded information provided by federal, state, or local agencies and commonly used mapping databases with the exception of "Orphan" sites. Due to poor or inadequate address information, Orphan sites are identified but not geocoded/mapped by EDR, rather, information is provided based upon vicinity zip codes, city name, and state. The minimum search distance from the federal and state environmental records database listings specified in the current ASTM Standard E1527 is included in Section 5.1. A copy of the regulatory database report, which includes detailed descriptions of the databases noted below as well as the total number of sites identified, is included in Appendix C of this report.

In determining if a listed site is a potential environmental concern to the subject property, AEI generally applies the following criteria to classify the site as lower potential environmental concern: 1) the site only holds an operating permit (which does not imply a release), 2) the site's distance from, and/or topographic position relative to, the subject property, and/or 3) the site has recently been granted "No Further Action" by the appropriate regulatory agency.

Regulatory database listings associated with the subject property, adjoining site(s) and/or nearby sites of concern that were determined to warrant additional discussion are identified and further discussed in Section 5.1.

5.1 RECORDS SUMMARY

Database	Search Distance (Miles)	Subject Property	Adjoining Site(s)	Other Nearby Sites of Concern
Federal NPL (Superfund) sites	1.0			
Federal Delisted NPL sites	0.5			
Federal CERCLA removals/orders sites	0.5			
Federal CERCLA sites with NFRAP	0.5			
Federal RCRA facilities undergoing Corrective Action	1.0			
Federal RCRA TSD facilities	0.5			
Federal RCRA generators (LQG, SQG, VSQG)	SP/ADJ			
Federal RCRA NonGen/NLR sites	SP/ADJ			
Federal IC/EC sites	SP			
Federal ERNS sites	SP			
State/Tribal "Superfund" equivalent sites	1.0			
State/Tribal hazardous waste facilities	0.5			
State/Tribal landfill and solid waste disposal facilities	0.5			
State/Tribal leaking storage tanks	0.5			
State/Tribal registered storage tanks	SP/ADJ			
State/Tribal voluntary cleanup sites	0.5			

Database	Search Distance (Miles)	Subject Property	Adjoining Site(s)	Other Nearby Sites of Concern
State/Tribal IC/EC registries	SP			
State/Tribal brownfield sites	0.5			
Orphans	N/A			
Additional Environmental Record lists	SP/ADJ			

5.2 Vapor Migration

Per HUD Guidelines, AEI conducted a "Tier I" (non-intrusive) Vapor Encroachment Screening (VES) on the subject property in accordance with the methodology set forth in ASTM E2600-22 "Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions". The purpose of the Tier I VES was to conduct an initial screen to identify, to the extent feasible, the potential vapor encroachment condition (VEC) in connection with the subject property with respect to chemicals of concern that may migrate as vapors into existing or planned structures on a property due to contaminated soil and groundwater on the subject property or within close proximity to the subject property.

This VES utilized readily available data sources previously discussed in this Phase I ESA to include the type of soils, geology and groundwater characteristics of the subject property area as well as known or potentially contaminated sites as identified on Federal, State, tribal and local databases. AEI also utilized previously discussed standard historical sources of information to identify potential historical sources of contamination on the subject property and surrounding properties which may be indicative of a VEC. This data collection and analysis was coupled with our site reconnaissance of the subject property and surrounding properties.

Determination of AOC

To identify the area of concern (AOC) for contaminated sites with non-petroleum hydrocarbon COCs, AEI utilized the approximate minimum search distance defined by the current ASTM E2600 of 1,760 feet (1/3 mile) from the subject property boundary for COC-contaminated sites. For sites contaminated with petroleum hydrocarbon COCs, AEI utilized the AOC approximate minimum search distance of 528 feet (1/10 mile). The AOC was adjusted accordingly based on review of physical setting characteristics, known release information, property and land features, groundwater flow direction, and soil type, et al.

ASTM's Vapor Encroachment guidance indicates that when groundwater flow direction can be estimated or determined, the cross-gradient or downgradient radius distances can be significantly reduced. AEI calculated the reduced AOC distances when considering groundwater flow direction by utilizing the following default distances, which were determined using the Buonicore Methodology:

Non-petroleum hydrocarbon COCs:

- 1,760 feet in the upgradient direction
- 365 feet in the cross-gradient direction
- 100 feet in the downgradient direction

Petroleum hydrocarbon COCs if Light, Non-Aqueous Phase Liquid, (LNAPL, i.e. floating product) is suspected:

- 528 feet in the upgradient direction
- 165 feet in the cross-gradient direction
- 100 feet in the downgradient direction

Petroleum hydrocarbon COCs if LNAPL is *not* suspected:

- 528 feet in the upgradient direction
- 95 feet in the cross-gradient direction
- 30 feet in the downgradient position

Additional adjustment of the AOC may be conducted based on AEI's professional judgment.

Conclusions

Based upon the results of our data collection, reconnaissance and analysis, AEI did not identify a VEC at the subject property.

5.3 Per- and Polyfluoroalkyl Substances (PFAS)

As defined in Section 3.2.36 of the current ASTM Standard E1527, hazardous substance means "those substances defined as a hazardous substance pursuant to CERCLA 42 USC § 9601(14), as interpreted by EPA regulations and the courts." Hazardous substances that are not defined (or not yet defined) as hazardous substances under CERCLA are outside of the scope of the current ASTM Standard E1527.

On July 8, 2024, the Final EPA rule became effective that designates perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS) as CERCLA hazardous substances. Per the current ASTM Standard E1527, once this rule went into effect, these substances are evaluated within the scope of this standard, and a release or likely release of PFOA and/or PFOS is considered a REC.

Other than PFOA/PFOS, compounds classified as PFAS are not currently classified as hazardous substances under CERCLA, and thus the potential presence of PFAS (other than PFOA/PFOS) is outside of the scope of the current ASTM Standard E1527, and does not constitute a REC at this time. However, the report User should be aware that regulatory criteria and classifications are subject to change.

AEI's research of potential PFAS contamination focuses on the release/likely release of PFOA/PFOS. However, if additional information pertaining to other PFAS is identified, AEI will also assess/discuss these compounds, as deemed applicable/appropriate within the scope of this investigation.

It should be noted that AEI's screening of PFOA/PFOS and other PFAS is based solely on review of the resources cited within this report. Identification, or lack thereof, is not a warranty that PFOA/PFOS or other PFAS contamination is present or absent at a site. Additionally, it should be noted that given the evolving nature of science and regulatory oversight of PFOA/PFOS and

other PFAS, additional sources of contamination may exist at the subject property, adjoining sites and/or other nearby sites that were not identified by the limited data and screening tools cited within this report.

5.3.1 PFAS-Related Regulatory Database Listings

As an initial screening tool for potential PFAS contamination, AEI reviewed PFAS-related database listings from EDR.

Source	Subject Property Identified	Adjoining Site(s) Identified	Other Nearby Site(s) of Concern Identified	Comments
EDR PFAS Regulatory Database Listing(s)				No listings warranting discussion were identified

6.0 INTERVIEWS AND USER PROVIDED INFORMATION

6.1 INTERVIEWS

Pursuant to the current ASTM Standard E1527, the following interviews were performed during this assessment in order to obtain information indicating RECs in connection with the subject property.

6.1.1 OWNER AND KEY SITE MANAGER

Relation to Property	Name	Date Interviewed	Method of Contact	Year First Associated w/ Property	Notes
Owner/Owner Representative	HS Investors LLC	N/A	Questionnaire	Not provided	Interview pending; refer to Section 1.5
Key Site Manager	Not provided	N/A	Questionnaire	Not provided	Interview pending; refer to Section 1.5

6.1.2 PAST OWNERS, OPERATORS, AND OCCUPANTS

AEI did not attempt to interview past owners, operators, and occupants of the subject property because information from these sources would likely be duplicative of information already obtained from other sources.

6.1.3 INTERVIEW WITH OTHERS

Information obtained during interviews with local government officials is incorporated into the appropriate segments of this report.

6.2 USER PROVIDED INFORMATION

User provided information is intended to help identify the possibility of RECs in connection with the subject property. According to the current ASTM Standard E1527 and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), certain items should be researched by the prospective landowner or grantee, and the results of such inquiries may be provided to the Environmental Professional. The responsibility for qualifying for LLPs by conducting the inquiries ultimately rests with the User, and providing the information to the Environmental Professional would be prudent if such information is available.

The User did not complete the ASTM User Questionnaire or provide the User information to AEI. AEI assumes that qualification for the LLPs is being established by the User in documentation outside of this assessment.

Question	Response/ Comment
1. Environmental liens that are filed or recorded against the property (40 CFR 312.25) Did a search of recorded land title records (or judicial records where appropriate) identify any environmental liens filed or recorded against the property under federal, tribal, state or local law?	Information not provided

Question	Response/ Comment
2. Activity and use limitations that are in place on the property or that have been filed or recorded against the property (40 CFR 312.26(a)(1)(v) and vi)). Did a search of recorded land title records (or judicial records where appropriate) identify any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law?	Information not provided
3. Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28). Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?	Information not provided
4. Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29). Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?	Information not provided
5. Commonly known or reasonably ascertainable information about the property (40 CFR 312.30). Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example: (a) Do you know the past uses of the property? (b) Do you know of specific chemicals that are present or once were present at the property? (c) Do you know of spills or other chemical releases that have taken place at the property? (d) Do you know of any environmental cleanups that have taken place at the property?	Information not provided
6. The degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31). Based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?	Information not provided

6.3 Previous Reports and Other Provided Documentation

Documentation was provided to AEI by the Client during this assessment. A summary of this information follows:

Phase I Environmental Site Assessment (200 Pine Creek Court, Greenville, South Carolina), prepared by Partner Engineering and Science, Inc. (Partner) (July 28, 2016)

This report describes the subject property generally consistent with current conditions. The subject property was an apartment complex constructed since at least 1979. Prior to 1979, the subject property consisted of undeveloped and/or agricultural land from at least 1943 until at least the mid-to-late 1960s. Between 1969 and 1978, the subject property was unimproved land leading up to initial development in the late 1970s.

During Partner's site reconnaissance, no environmental issues and/or concerns were observed. Notably, Partner did not observe any petroleum products, apparent evidence of underground storage tanks, odors, and/or unidentified drums/containers. However, a 250-gallon propane AST was observed.

In reference to previous assessments, Partner reviewed an August 2006 Phase I ESA written by the LandAmerica Commercial Services. All current and historical factors were similar to their assessment. No RECs were identified.

Partner discussed a lead inspection and testing conducted during the site reconnaissance. Lead samples did not exceed concentrations of 0.7 milligrams per square centimeter (mg/cm^2) on materials tested.

Radon samples collected by Partner were determined to be at a concentration below the US EPA action level for Zone 1 designated properties.

In reference to adjacent properties, Partner observed residential occupation, including undeveloped areas. No tenants of concern were noted.

Based on their findings, Partner recommended no further investigation, except to address Non-ASTM issues due to the age of the subject property.

A copy of the report is included in the appendices.

Note: As the above documentation was not prepared by AEI, the information obtained was not verified for accuracy and a critique of the information contained therein is beyond the scope of this assessment.

6.4 Environmental Lien and AUL Search

In accordance with our approved scope of services, an environmental lien search was not performed as part of this assessment.

7.0 SITE RECONNAISSANCE

Site Reconnaissance Date	September 6, 2024
AEI Site Assessor(s)	Hubert Clark
Property Escort(s)/ Relationship(s) to Property	Mr. Gary Brownlee/Maintenance Technician
Units/Areas Observed	Exterior areas; interior common areas; and interiors of Units 9, 16, 26, 27, 34, 36, 42, 55, 58, 92, 98, 102, 105, 123, 126 & 142 (10% of total units)
Area(s) not accessed and reason(s)	Unit interiors not listed above; refer to Section 1.5 for discussion of limiting conditions
Other Physical Constraints	None

Reconnaissance Findings Summary

Feature	Observed on Subject Property (see Section 7.1)	Observed on Adjacent Property (see Section 7.2)
Regulated Hazardous Substances/Wastes and/or Petroleum Products in Connection with Property Use (including drums, totes, and intermediate bulk containers)		
Aboveground/Underground Hazardous Substance or Petroleum Product Storage Tanks (ASTs/USTs)	✔	
Hazardous Substance and Petroleum Product Containers Not in Connection with Property Use		
Unidentified Substance Containers		
Electrical or Mechanical Equipment Likely to Contain Fluids	✔	✔
Interior Stains or Corrosion		
Strong, Pungent, or Noxious Odors		
Pools of Liquid		
Drains, Sumps, and Clarifiers	✔	✔
Pits, Ponds, and Lagoons		
Stained Soil or Pavement		
Stressed Vegetation		
Solid Waste Disposal or Evidence of Fill Materials		
Waste Water Discharges		
Wells		
Septic Systems		
Biomedical Wastes		
Other	✔	

7.1 Subject Property Reconnaissance Findings

During the site reconnaissance, AEI observed the items listed in the above Reconnaissance Findings Summary table, which are further discussed below.

7.1.1 Aboveground/Underground Hazardous Substance or Petroleum Product Storage Tanks (ASTs/USTs)

AST
A 325-gallon propane AST located on the southern exterior of the maintenance shed. The AST is associated with the the tenant laundry room dryers. Should an accidental release of propane occur, the liquid would immediately evaporate upon contact with ambient air. Due to the nature of this material, the AST is not a REC.

7.1.2 Electrical or Mechanical Equipment Likely to Contain Fluids

Toxic PCBs were commonly used historically in electrical equipment such as transformers, fluorescent lamp ballasts, and capacitors. According to United States EPA regulation 40 CFR Part 761, there are three categories for classifying such equipment: <50 ppm of PCBs is considered "Non-PCB"; between 50 and 500 ppm is considered "PCB-Contaminated"; and >500 ppm is considered "PCB-Containing." Pursuant to 15 U.S.C. 2605(e)(2)(A), the manufacture, process, or distribution in commerce or use of any polychlorinated biphenyl in any manner other than in a totally enclosed manner was prohibited after January 1, 1977.

Transformers

Type	Quantity	Owner	Presumed Date of Installation	Spills or Stains Observed (Yes/ No)	Non-PCB Label (Yes/ No)
Pad-Mounted	11	Duke Energy	1979	No	No
Pole-Mounted	1	Duke Energy	1979	No	No

The management of potential PCB-containing transformers is the responsibility of the local utility or the transformer owner. Actual material samples need to be collected to determine if transformers are PCB-containing.

Transformers installed prior to 1977 may be PCB containing while transformers installed after 1977 are unlikely to be PCB containing. Federal Regulations (40 CFR 761 Subpart G) require any release of material containing >50 ppm PCB and occurring after May 4, 1987, be cleaned up by the transformer owner following the United States EPA's PCB spill cleanup policy.

AEI did not observe evidence of spills, staining, or leaks on or around the transformers. Based on the good condition of the equipment, the transformers are not considered evidence of a REC.

7.1.3 Drains, Sumps, and Clarifiers

Several storm drains were observed in the parking area of the subject property. AEI did not observe evidence of hazardous substances or petroleum products in the vicinity of the drains. Based on the use of the drains solely for storm water runoff, the presence of the drains is not considered evidence of a REC.

7.1.4 Other

Cleaning Supplies
The subject property is currently occupied by residential tenants. Small amounts of cleaning supplies were observed on site. All materials were packaged in consumer quantities and no signs of inappropriate material handling were observed. Based on the nature of these materials, the presence or use of these materials at the subject property is not considered evidence of a REC.

Maintenance Supplies
Various maintenance products, such as paints, cleaners, lubricants, etc. were observed in the maintenance storage shed. The containers were properly labeled and stored. No signs of spills or leaks were observed in conjunction with the containers. No significant staining or evidence of release of any of the materials was observed during the site reconnaissance. Based on the relatively small quantities observed and the lack of evidence of the mismanagement of these materials, the use of these materials on site is not considered evidence of a REC.

Swimming Pool Chemicals
A swimming pool is located adjacent to the clubhouse building. Typical pool/spa treatment chemicals such as muriatic acid and chlorine were observed in the pool pump room adjacent to the pool. Based on the observed conditions and small quantities in storage, the presence of the materials is not a REC.

7.2 Adjacent Property Reconnaissance Findings

During the site reconnaissance, AEI observed the items listed in the above Reconnaissance Findings Summary table, which are further discussed below.

7.2.1 Electrical or Mechanical Equipment Likely to Contain Fluids

Transformers
Pole-mounted and/or pad-mounted transformers were observed on the adjoining sites during the site reconnaissance. No spills, staining, or leaks were observed on or around the transformers. Based on the good condition of the equipment, the transformers are not a REC.

7.2.2 Drains, Sumps, and Clarifiers

Several storm drains were observed in the parking areas of the adjacent properties and adjacent roadways. AEI did not observe evidence of hazardous substances or petroleum products in the vicinity of the drains. Based on the use of the drains solely for storm water runoff, the presence of the drains is not considered evidence of a REC.

8.0 NON-ASTM SERVICES

8.1 ASBESTOS-CONTAINING BUILDING MATERIALS

Asbestos is the name for a group of naturally occurring silicate minerals that are considered to be "fibrous" and through processing can be separated into smaller and smaller fibers. The fibers are strong, durable, chemical resistant, and resistant to heat and fire. They are also long, thin and flexible, so they can even be woven into cloth. Because of these qualities, asbestos was considered an ideal product and has been used in thousands of consumer, industrial, maritime, automotive, scientific, and building products.

At the federal level, asbestos is primarily regulated by the United States EPA primarily through the EPA's NESHAP (Standard 40 CFR Chapter 61, Subpart M), the OSHA through the General Industry Standard, and the Construction Industry Standard (29 CFR 1926.1101 and 29 CFR 1910.1001). Many states have regulations in place for the inspection, management, and remediation of asbestos including company and individual licensing requirements for all activities relating to asbestos. Under both federal and state regulations building owners and employers may be required to perform certain activities related to the in-place management of asbestos, and prior to renovations or demolition activities (i.e. asbestos inspections or remediation) that may disturb building materials suspected of containing asbestos.

The information below is for general informational purposes only and does not constitute an asbestos survey. In addition, the information is not intended to comply with federal, state, or local regulations in regards to ACM.

Per United States EPA regulations, buildings of any age may contain asbestos. According to the HUD MAP Guide, buildings constructed prior to 1989 must be inspected by a qualified asbestos inspector. The subject property building was constructed in 1979.

In accordance with the HUD MAP Guide, Mr. Timothy Quint conducted a Pre-Renovation Survey in general compliance with ASTM Standard Practice for Comprehensive Asbestos Building Surveys (ASTM E 2356-18) at the subject property from September 3 to September 5, 2024. Mr. Quint is a South Carolina-Certified Asbestos Building Inspector (License No. BI-002268).

The survey was performed to sample suspect asbestos-containing materials ("ACMs") in accordance with the HUD MAP Guide and in general compliance with ASTM Standard Practice for Comprehensive Asbestos Building Surveys (ASTM E 2356-18). The objective of the survey was to identify, as far as practicable, visible and accessible suspect asbestos-containing materials (ACM) used in construction and associated building-related equipment, in accessible interior and exterior areas of the Site that may require special handling and disposal prior to renovation activities. Identification of asbestos materials is required so that appropriate actions may be taken if necessary, to protect site workers and to properly handle asbestos materials in accordance with all applicable regulations.

Based upon on-site visual inspection and bulk sampling guidelines, 492 samples of the suspect asbestos-containing building materials (ACBMs) were collected and submitted to the analytical laboratory of Eurofins EPK Built Environment Testing, LLC (Eurofins) located in Tustin, California and during standard polarized light microscopy, with dispersion staining (PLM/DS), examination revealed the presence of six hundred ten (610) individual PLM/DS layers. Based on the US EPA asbestos regulations prescribed (mandatory) analytical method, the laboratory

analyst has the sole discretion/responsibility in determining whether the bulk sample is composed of one or layers. Upon receipt of the PLM/DS laboratory data, AEI selected 108 non-friable organically-bound (NOB) of suspect materials of which were reported as non-detect by PLM, to undergo further analysis via "Gravimetric Reduction and Transmission Electron Microscopy" (TEM) (ELAP 198.4) at Eurofins laboratory located in Tustin, California. All bulk sampling of suspected asbestos was based upon the appearance, texture, and location of the material.

Asbestos-containing materials were identified in the apartment complex as a result of testing and laboratory analyses. Refer to the Asbestos Inspection Report dated September 30, 2024 for a complete listing of ACM. The Asbestos Inspection Report is included in the appendices of this report.

In accordance with local, state, and federal regulations and the provisions of the 2024 ACM O&M Program, no known or suspect ACM shall be disturbed and no work with the potential to impact any ACM or suspect ACM shall be performed in any way, prior to laboratory analysis to confirm whether or not the material contains asbestos. Any repairs or renovations to the ACMs should be performed by a South Carolina-licensed asbestos contractor. Proper safety procedures for the removal or repair of ACMs should always be followed in order to protect occupants of the building and the abatement workers.

AEI recommends abatement of any impacted ACMs by a licensed asbestos abatement contractor and proper offsite disposal. If any suspect materials are identified during demolition/renovation activities that were not previously sampled, they should be sampled by a licensed asbestos inspector and handled accordingly. AEI recommends the property owner adhere to the 2024 Operations & Maintenance (O&M) Plan that stipulates that the assessment, repair and maintenance of damaged materials be performed to protect the health and safety of the building occupants.

8.2 Lead-Based Paint

Lead-based paint (LBP) is defined as any paint, varnish, stain, or other applied coating that has ≥1 mg/cm² (5,000 µg/g or 5,000 ppm) or more of lead by federal guidelines; state and local definitions may differ from the federal definitions in amounts ranging from 0.5 mg/cm² to 2.0 mg/cm². Section 1017 of the Housing and Urban Development (HUD) Guidelines, Residential Lead-Based Paint Hazard Reduction Act of 1992, otherwise known as "Title X," defines a LBP hazard as "any condition that causes exposure to lead that would result in adverse human health effects" resulting from lead-contaminated dust, bare, lead-contaminated soil, and/or lead-contaminated paint that is deteriorated or present on accessible, friction, or impact surfaces. Therefore, under Title X, intact LBP on most walls and ceilings would not be considered a "hazard," although the paint should be maintained and its condition monitored to ensure that it does not deteriorate and become a hazard. Additionally, Section 1018 of this law directed HUD and EPA to require the disclosure of known information on LBP and LBP hazards before the sale or lease of most housing built before 1978. Most private housing, public housing, or federally owned or subsidized housing is affected by this rule.

Under OSHA, lead-containing paint (LCP) is defined as any paint with any detectable amount of lead present in it. Therefore, all LBP is considered LCP. Conversely, LCP may not meet the criteria to be considered LBP in accordance with HUD guidelines or some states' definition of LBP.

It is important to note that LCP may create a lead hazard when being removed. The condition of these materials must be monitored when they are being disturbed. In the event LCP is subject to abrading, sanding, torching, and/or cutting during demolition or renovation activities, there may be regulatory issues that must be addressed.

The information below is for general informational purposes only and does not constitute a lead hazard evaluation. In addition, the information is not intended to comply with federal, state, or local regulations in regards to LBP.

In buildings constructed after 1978, it is unlikely that LBP is present; however, some paints utilized after 1978 will be LCP under OSHA. Structures built prior to 1978 and especially prior to the 1960s should be expected to contain LBP.

Due to the age of the subject property buildings, which were constructed in 1979, it is unlikely that LBP is present. Given the post-1978 date of construction, no additional action is required for compliance with HUD MAP Guide LBP requirements.

8.3 Naturally-Occurring Radon

Radon is a naturally-occurring, odorless, and invisible gas. Natural radon levels vary and are closely related to geologic formations. Radon may enter buildings through basement sumps or other openings.

In accordance with the HUD MAP Guide, all substantial rehabilitation projects should be tested for radon, and radon testing protocols must follow those set by the American Association of Radon Scientists and Technologists (AARST), Protocol for Conducting Measurements of Radon and Radon Decay Products in Multifamily, School, Commercial and Mixed-Use Buildings (ANSI/AARST MA-MFLB 2023). This includes testing 100% of ground contact locations and 10% of upper floor locations in all buildings included within the project. However, due to the planned rehabilitation activities which will impact the current building envelopes, it has been determined that radon testing at this time is infeasible. Therefore, AEI recommends a radon survey in accordance with ANSI/AARST MA-MFLB 2023 for compliance with the HUD MAP Guide upon completion of rehabilitation activities.

8.4 Mold or Microbial Growth Conditions

Molds are simple microscopic organisms which can often be seen in the form of discoloration, frequently green, gray, white, brown, or black. When excessive moisture or water accumulates indoors, mold growth may occur, particularly if the moisture problem remains undiscovered or unaddressed. As such, interior areas of buildings characterized by poor ventilation and high humidity are the most common locations of mold growth. Building materials, including drywall, wallpaper, baseboards, wood framing, insulation, and carpeting, often play host to such growth. Mold spores primarily cause health problems through the inhalation of spores or the toxins they emit when they are present in large numbers. This can occur when there is active mold growth within places where people live or work.

One Source Environmental, LLC (OSE) was retained by AEI Consultants (Client) to conduct a Limited Water Intrusion and Mold Assessment of Highland Square. The assessment aimed to investigate and report on potential water damage and microbial (mold) growth observed at the subject property. On September 9, 10, and 13, 2024, Ms. Kathryn Hubicki of OSE conducted the requested services. The assessment and screening were limited to interior spaces only, and in those units selected by the property, plus the common areas. The assessment was

completed using a combination of investigative techniques, including visual observations and instrument readings for moisture in building materials. No sampling was performed as part of this assessment.

OSE utilized a visual/olfactory assessment of the interiors of the units and common areas accessed, coupled with moisture monitoring of building materials. A walk-through of the unit was conducted, with particular attention paid to the interior of the undersink cabinet in the kitchen and the interior of the vanities in the bathrooms, as well as the bathroom, HVAC closet, and laundry (if present).

Moisture readings were taken from various accessible finished materials throughout the investigated areas using a General Tools MMH800 Pin Pinless Moisture Meter. The moisture meter operates by measuring the electrical conductivity between two pins that are inserted into the sample substrate. Materials containing moisture exhibit increased conductivity compared to a dry sample of the same material. The General Tools MMH800 is capable of detecting moisture levels in wood between 5% to 50% and moisture levels in building materials between 1.5% to 33%. Moisture readings were typically collected from walls and ceilings exhibiting evidence of water damage or thermal abnormalities, or from areas where water intrusion is likely such as near windows. For wood and paper, normal moisture level readings range from 0% to 5%. Surfaces with moisture concentration from 5% - 15% are considered moist and are suspect for mold growth. Surfaces above 16% are considered wet. For building materials such as brick or concrete, normal moisture level readings range from 0% to 1.5%. Surfaces with moisture concentration from 1.5% - 17% are considered moist and are suspect for mold growth. Surfaces above 20% are considered wet.

Results of the assessment conducted by OSE identified a pattern of the presence of mold, water intrusion, elevated moisture levels, and water-damaged building materials, in the following areas:

- Bathroom Ceilings – Water Damage (specifically delaminating ceiling texture)
- Bathroom Walls/Ceilings – Suspect Fungal Growth
- Hallway Baseboards – Water Damage and Suspect Fungal Growth
- Utility Closet Walls and Ceilings – Water Stains
- Utility Closet HVAC Stands – Water Damage and Suspect Fungal Growth
- Kitchen Undersink Cabinet Floors/Walls – Water Stains, Water Damage, and Suspect Fungal Growth

Based on the findings of OSE's report, remediation of the units by a certified mold remediation contractor and pre-occupancy confirmatory sampling is recommended. Until remediation can occur, the immediate placement of dehumidfiers/industrial fans within the affected units is recommended. Additionally, a review of the plumbing systems is recommended to ensure that no leaks are identified. Further general housekeeping/maintenance recommendations to prevent future moisture intrusion/mold growth are detailed in OSE's report. A copy is included within the appendices.

9.0 HEROS RELATED LAWS AND AUTHORITIES

9.1 Airport Hazards

HUD policy as described in 24 CFR 51, Subpart D, is that assistance for construction or major rehabilitation of any real property located on a clear zone site is prohibited for a project to be frequently used or occupied by people. For properties located within 2,500 feet of the end of a civil airport runway or 15,000 feet of the end of a military airfield runway, the airport operator should make a finding stating whether or not the property is located within a runway clear zone for civil airports or a clear zone or accident potential zone at a military airfield.

Donaldson Center Airport is located approximately 9,895 feet southeast of the subject property and is a civil airport only. No other airports are located within 15,000 feet of the subject property. Consequently, the subject property is not located within 2,500 feet of the end of a civil airport runway or 15,000 feet of the end of a military airfield runway. The project is in compliance with Airport Hazards requirements.

9.2 Coastal Barrier Resources

The Coastal Barrier Resources Act (CBRA), as amended (16 U.S.C. 3501 et seq.), prohibits using Federal financial assistance for properties if the properties are located within designated coastal barriers of the Atlantic Ocean, Gulf of Mexico, or the Great Lakes. For U.S. Department of Housing and Urban Development (HUD) policy, see 24 CFR 58.6(c) or 24 CFR 50.4(c)(1).

According to review of the U.S. Fish & Wildlife Service (FWS) Coastal Barrier Resources System Mapper, the subject property is not located within a coastal barrier resource area. Therefore, this project has no potential to impact a CBRS Unit and is in compliance with the Coastal Barrier Resources Act.

9.3 Flood Insurance

The Flood Disaster Protection Act of 1973, as amended, requires that property owners purchase flood insurance for buildings located within Special Flood Hazard Areas (SFHA), when Federal financial assistance is used to acquire, repair, improve, or construct a building.

Based on a review of FEMA Flood Insurance Rate Map (FIRM) Community Panel Number 45045C0392E, dated August 18, 2014, the project site is located in Zone X (unshaded), areas of minimal flood hazard outside the 100- and 500-year floodplains. No preliminary or pending FIRM panels were identified for the project area. Additionally, the subject property is located in Greenville County Unincorporated Areas, Community #450089 which is a participating community in the NFIP.

The structure or insurable property is not located in a FEMA-designated Special Flood Hazard Area; therefore, flood insurance is not required. The project is in compliance with flood insurance requirements.

9.4 Air Quality

The Clean Air Act (42 U.S.C. 7401 et seq.) prohibits federal assistance to projects that are not in conformance with the SIP. New construction and conversion, which are located in "non-attainment" or "maintenance" areas as determined by the EPA may need to be modified or mitigation measures developed and implemented to conform to the State Implementation Plan (SIP).

According to the U.S. EPA Green Book and NEPAssist, the subject property is not located within a non-attainment or maintenance area for any National Ambient Air Quality Standard (NAAQS) criteria air pollutants. The project is in compliance with the Clean Air Act.

9.5 Coastal Zone Management

HUD policy as described in 15 CFR Part 930 indicates that federal assistance to applicant agencies for activities affecting any coastal use or resource is granted only when such activities are consistent with federally approved State Coastal Zone Management Act Plans.

According to the National Oceanic and Atmospheric Administration (NOAA), South Carolina's coastal zone includes all lands and waters in the counties which contain any one or more of the critical areas (coastal waters, tidelands, beaches, and primary oceanfront sand dunes). The City of Greenville and Greenville County is not a coastal city or county. Additionally, the subject property is currently developed as a multi-family property and is being refinanced and rehabilitated with no substantial ground disturbing activities. Therefore, the project would not affect the coastal zone.

9.6 Contamination and Toxic Substances

It is HUD policy, as described in §50.3(i), that

> (1)... all property proposed for use in HUD programs be free of hazardous materials, contamination, toxic chemicals and gasses, and radioactive substances, where a hazard could affect the health and safety of occupants or conflict with the intended utilization of the property.
> (2) HUD environmental review of multifamily and non-residential properties shall include evaluation of previous uses of the site and other evidence of contamination on or near the site, to assure that occupants of proposed sites are not adversely affected by the hazards...

Sites known or suspected to be contaminated by toxic chemicals or radioactive materials include but are not limited to sites: (i) listed on an EPA Superfund National Priorities or CERCLA List, or equivalent State list; (ii) located within 3,000 feet of a toxic or solid waste landfill site; or (iii) with a UST (which is not a residential fuel tank).

Site contamination was evaluated as follows: ASTM Phase I ESA and ASTM Vapor Encroachment Screening. Based on review of the regulatory database report included with the Phase I ESA, the subject property is not listed on an EPA Superfund National Priorities or CERCLA List, or equivalent State list; is not located within 3,000 feet of a toxic or solid waste landfill site; does not have a UST (which is not a residential fuel tank); and is not known or suspected to be contaminated by toxic chemicals or radioactive materials. No evidence of RECs or CRECs was identified in connection with the subject property in the Phase I ESA, nor was a vapor encroachment condition (VEC) identified for the subject property.

On-site or nearby toxic, hazardous, or radioactive substances that could affect the health and safety of project occupants or conflict with the intended use of the property were not found. The project is in compliance with contamination and toxic substances requirements.

9.7 Endangered Species

The Endangered Species Act (ESA) of 1973 requires protection of listed or proposed endangered or threatened species or critical habitats. Projects that can affect listed endangered or threatened species or critical habitats require consultation with the Department of Interior in compliance with the procedure of Section 7 of the ESA. Only for new construction and conversion activities does the ESA authority apply.

According to the IPaC Resource list, 10 threatened, endangered, or candidate species may be located in the project area: the Tricolored Bat (Proposed Endangered), Bog Turtle (SAT), Monarch Butterfly (Candidate), Bunched Arrowhead (Endangered), Dwarf-flowered Heartleaf (Threatened), Mountain Sweet Pitcher-plant (Endangered), Small Whorled Pogonia (Threatened), Swamp Pink (Threatened), White-Fringeless Orchid (Threatened), and the Rock Gnome Lichen (Endangered). However, the subject property is currently developed as a multifamily property with no proposed significant ground-disturbing activities or new construction; therefore, the project will not negatively impact protected species. In addition, there are no critical habitats in the project area. This project is in compliance with the Endangered Species Act.

9.8 Explosive and Flammable Hazards

Properties that are located near hazardous industrial operations handling fuels or chemicals of an explosive or flammable nature are subject to HUD safety standards (24 CFR 51, Subpart C). In the case of tanks containing common liquid fuels, the requirement for an acceptable separation distance (ASD) calculation only applies to storage tanks that have a capacity of more than 100 gallons.

To demonstrate compliance with 24 CFR Part 51 Subpart C, AEI has utilized the HUD ASD Electronic Assessment Tool to determine the threshold capacities for tanks located within 1.0 mile of the subject property. To fail ASDs for Thermal Radiation for People (most conservative distance), tanks must exceed 43,000 gallons in capacity when located 0.25 miles (1,320 feet) from the property; 225,000 gallons when located 0.50 miles (2,640 feet) from the property; and 595,000 gallons when located 0.75 miles (3,960 feet) from the property. Based on these capacities and calculations, ASTs that do not exceed these capacity thresholds are located at acceptable separation distances for Blast Over Pressure, Thermal Radiation for People, and Thermal Radiation for Buildings, and ASD calculations are therefore not required in these circumstances.

Based on a review of the regulatory database report and results of the site reconnaissance, the subject property is not located within the immediate vicinity of hazardous industrial operations which handle fuels or chemicals of an explosive or flammable nature, and no AST registrations were identified in the regulatory database report within a 1.0-mile radius of the subject property.

During AEI's site reconnaissance, the subject property was observed equipped with one (1) 325-gallon propane AST. According to the Federal Register Final Rule Conforming the Acceptable Separation Distance (ASD) Standards for Residential Propane Tanks to Industry Standards effective February 24, 2020, tanks that hold LPG/propane with a volumetric capacity

of 1,000 gallons or less and adhere to the National Fire Protection Association (NFPA) Code 58, 2017 standard or later, are exempt from 24 CFR Part 51 Subpart C and no further evaluation is required. NFPA provides standards for tank design and inspection as well as setback distances. NFPA Code 58 (2017 or later) mitigates risk and ensures safe installations, to prevent failures, leaks, and tampering that could lead to fires and explosions. Under these standards, tanks between 125 and 500 gallons must be at least 10 feet from important buildings or property lines of adjoining sites that can be built upon. According to NFPA CodeFinder, the County of Greenville adheres to NFPA 58 Liquefied Petroleum Gas Code 2017 and the 325-gallon tank is located approximately 13 feet from the closest subject property structure, beyond the 10 foot setback requirement. Therefore, the propane tank is not subject to ASD requirements and no further evaluation is deemed necessary.

Review of aerial imagery within a 1.0-mile radius of the subject property identified four (4) additional AST sites with tanks ranging from 5,000 gallons to 40,000-gallons located between 0.31 and 0.86-miles from the subject property. Based on the AST sizes and distances from the subject property, none exceed the minimum threshold capacity for unacceptable separation as discussed above. Additionally, the Panagakos Asphalt Plant facility, located approximately 0.94-miles southwest of the subject property, is equipped with two (2) concrete-mixing ASTs. Based on the nature of operations, the ASTs likely contain various inputs to form concrete, including sand, aggregate (rocks, gravel, etc.), water, and chemical admixtures.

No additional bulk-storage ASTs containing presumable fuels or chemicals of an explosive or flammable nature that would exceed the above discussed capacity thresholds were identified. The project is in compliance with explosive and flammable hazard requirements.

9.9 Farmlands Protection

A finding of compliance with the requirements of the Farmland Protection Policy Act of 1981 (7 U.S.C. 4201 et seq.) must be made for assisted new construction activities and the acquisition of undeveloped land.

The Farmland Protection Policy Act states, "'Farmland' does not include land already in or committed to urban development or water storage. Farmland 'already in' urban development or water storage includes all such land with a density of 30 structures per 40-acre area" (7 CFR 658.2(a)).

According to NEPAssist, the subject property is located within an urbanized area and based on the project description, the project includes no activities that would convert potential farmland; therefore, the project would not negatively impact prime farmland.

9.10 Floodplain Management

Projects located within a flood hazard area are subject to Executive Order 11988 (Floodplain Management). Additionally, Executive Order 13690 (Establishing a Federal Flood Risk Management Standard (FFRMS) and a Process for Further Soliciting and Considering Stakeholder Input) revised EO 11988 and established a new FFRMS to address current and future flood risk, improve resiliency, and ensure that projects funded with taxpayer dollars last as long as intended. HUD's regulations in 24 CFR Part 55 outline HUD's procedures for complying with EOs 11988 and EO 13690. HUD's Final Rule to implement FFRMS was published on April 23, 2024. The Final Rule defines a new floodplain of concern, the FFRMS floodplain, which

extends beyond the 100-year floodplain. The Final Rule also defines the viable approaches to determining the extent of the FFRMS floodplain designed to account for increased flood risk over time.

For compliance with EO 13690, AEI determined the FFRMS floodplain to evaluate flooding risk to the subject property.

Based on a review of FEMA Flood Insurance Rate Map (FIRM) Community Panel Number 45045C0392E, dated August 18, 2014, the project site is located in Zone X (unshaded), areas of minimal flood hazard outside the 100- and 500-year floodplains. No preliminary or pending FIRM panels were identified for the project area.

Climate-informed science approach (CISA) data is not available for the subject property area. Additionally, the 0.2% annual chance floodplain was not calculated for Bushy Creek Tributary 2, the closest flooding source to the subject property. Therefore, AEI utilized the Freeboard Value Approach (FVA) to determine the FFRMS floodplain. The closest BFE is identified as 830.5 feet. As the proposed project is a non-critical action, AEI added an additional two feet to the BFE of 830.5 to determine that FFRMS elevation of 832.5 feet. According to the USGS Elevation Profile Tool, the subject property is located at 859 to 935 feet above sea level. Therefore, the subject property is not located within the FFRMS floodplain. The proposed project is in compliance with Executive Orders 11988 and 13690 and 24 CFR Part 55.

9.11 Historic Preservation

If HUD assistance is proposed for property repair, rehabilitation of an existing structure, conversion of use, demolition, new construction, or the acquisition of undeveloped land, then the environmental review [24 CFR 58.5(a) or 24 CFR 50.4 (a)] requires evidence of consultation with the State Historic Preservation Officer (SHPO), the Tribal Historic Preservation Officer (THPO), and in some cases the Advisory Council on Historic Preservation (ACHP).

Review of the National Register of Historic Places (NRHP), and South Carolina ArchSite map, and South Carolina Historic Properties database indicate that neither the subject property nor the immediate surrounding properties are listed on the NRHP. No substantial ground disturbance activities or new construction activities are planned. Given the project description, AEI anticipates no effect to historic properties.

Proposed exterior improvements will include masonry, siding and façade repair, as well as minor ground disturbing activities related to landscaping, rebuilding the existing outdoor community area, replacement of the existing playground, installation of ADA compliant ramps and railings, miscellaneous concrete repairs, and asphalt overlay.

Interior renovations to the apartments include flooring, painting, outlet and cover replacement, thermostat replacement, appliances, and light fixtures, as well as upgraded kitchens and bathrooms. The community room, business center, offices, restrooms, and laundry room will be upgraded. The project will not include new construction, building demolition, significant ground disturbance, change in land use, or an increase in unit density. The proposed renovations will generally retain the property's overall appearance and based on the lack of identified historically significant sites within the APE, AEI anticipates no effect to historic properties.

AEI submitted the project to the SHPO for review. In a response dated October 14, 2024, the SHPO stated that this project is exempt from Section 106 review per their Programmatic Agreement with HUD (due to the age of the property). No further comment on this project was provided.

9.12 Noise Abatement

HUD standards regarding the acceptability of noise impacts on residential properties are found at 24 CFR Part 51. For new construction and conversion from nonresidential to residential projects, these standards must be met. Where threshold criteria are met or exceeded, a noise analysis utilizing the methodology in HUD's Noise Guidebook (HUD-953-CPD) will be performed by HUD as part of HUD's environmental assessment. To determine if the project is located near a major noise source, the following threshold criteria have been established: FAA-controlled civil airports and military airfields (15 miles), railroads (within 3000 feet), or major highways or busy roads (within 1,000 feet).

Based on a review of available maps, the subject property is located within 15 miles of the Greenville-Spartanburg Airport, Greenville Downtown Airport, and the Donaldson Center Airport. Interstate 85 is within 1,000 feet of the subject property. No railroads are located within 3,000 feet of the subject property. However, as the subject property is currently developed as a multifamily property with no proposed new development or increase in unit density, a noise assessment is not required. The project is in compliance with HUD's Noise regulation.

9.13 Sole Source Aquifers

The Safe Drinking Water Act of 1974 requires protection of drinking water systems that are the sole or principal drinking water source for an area and which, if contaminated, would create a significant hazard to public health. Development, which can affect aquifers designated by the EPA, must be reviewed for impact on such designated aquifer sources. Only for new construction and conversion activities does the sole source aquifer (SSA) authority apply.

The subject property is not located on nor does it affect a sole source aquifer designated by the EPA. Based on the project description, the project consists of activities that are unlikely to have an adverse impact on groundwater resources. The project is in compliance with Sole Source Aquifer requirements.

9.14 Protection of Wetlands

Projects located within a floodplain and new construction located within a designated wetland are subject to Executive Order 11988 (Floodplain Management) and Executive Order 11990 (Protection of Wetlands), respectively. HUD's implementing regulations at 24 CFR Part 55--Floodplain Management, prescribe measures for protecting floodplains and wetlands. For proposed financial assistance for such activities, including "substantial improvement" of existing single-family properties within a floodplain, HUD will require 30 to 60 days in most cases to perform the required processing. Assisted new construction located within a designated wetland is subject to HUD's decision-making process under E.O. 11990.

Based on a review of the U.S. Fish & Wildlife Service National Wetlands Inventory (NWI) map, there are no wetland areas on the subject property. Riverine and freshwater forested/ shrub wetlands are depicted on the adjacent properties to the north. Based on the project description, with no proposed significant ground disturbing activities, the project would not negatively impact wetlands, and the project is in compliance with Executive Order 11990.

9.15 Wild and Scenic Rivers

The Wild and Scenic Rivers Act provides federal protection for certain free-flowing, wild, scenic and recreational rivers designated as components or potential components of the National Wild and Scenic Rivers System (NWSRS) from the effects of construction or development.

Based on the National Wild & Scenic Rivers system maintained by the U.S. Bureau of Land Management (BLM), National Park Service (NPS), U.S. Fish & Wildlife (FWS), and the U.S. Forest Service (FS), and the National River Inventory maintained by the NPS, the subject property is not located within proximity to a Wild and Scenic River, Study River, or Nationwide Inventory River. Therefore, the project is in compliance with the Wild and Scenic Rivers Act.

9.16 Additional Nuisances and Hazards

Many Housing Programs have additional requirements with respect to common nuisances and hazards. These include High Pressure Pipelines; Fall Hazards (High Voltage Transmission Lines and Support Structures); Oil or Gas Wells, Sour Gas Wells and Slush Pits; and Development planned on filled ground. There may also be additional regional or local requirements.

During AEI's site reconnaissance, a potential high-voltage transmission line was observed crossing the southern portion of the subject property in a general southwest to northeast direction. According to Climate Mapping for Resilience & Adaptation's U.S. Electric Power Transmission Lines Assessment Tool, the powerline is operated by Duke Energy Carolinas, LLC and carries 100 kVs. According to HUD's Environmental Fact Sheet on Fall Hazards, transmission lines are defined as generally carrying 69 kVs or above.

Review of aerial imagery indicates that several parking spaces are located beneath the power transmission line. According to the ALTA survey prepared by AEI, 14 parking spaces are located in the transmission easement. In accordance with the HUD MAP Guide, no buildings, ancillary facilities, structures or common areas may be located within the easement of any overhead high-voltage transmission line. HUD has confirmed that parking spaces are considered common areas.

Additionally, all buildings, ancillary facilities, structures or common areas must also be located outside the engineered fall distance of any support structure for high-voltage transmission line. As such, if any buildings, ancillary facilities, structures or common areas are within the distance equal to the height of a support structure, an engineering report that evaluates the support structure's engineered fall distance is required. The engineered fall distance must be calculated by a registered professional engineer. AEI is currently under contract for this service; this report will be updated upon completion.

Two support poles are located on the subject property, with an additional support pole located immediately adjoining to the southeast of the site. The support poles are estimated to be approximately 95 feet in height. Two (2) structures and at least one (1) parking space are observed to be located within the maximum fall distance for the observed support poles.

Therefore, AEI recommends completing a fall zone engineering study to determine the fall hazard potential of the support poles associated with the onsite electrical transmission line.

No additional nuisances or hazards were identified.

9.17 Environmental Justice

Executive Order 12898, "Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations," applies in low-income or minority neighborhoods where the grantee proposes the acquisition of housing, the acquisition of land for development, and new construction. Environmental justice issues may include, but are not limited to new, continued or historically disproportionate potential for high and adverse human health and environmental effects on minority or low-income populations.

According to the EPA, 41.52% of the area population resides below the poverty line and 91% of the area population is described as people of color. Based on the information gathered during the course of AEI's Phase I ESA, the subject property is not adversely affected by any nearby hazardous sites. Therefore, this subject property and its residents do not suffer from disproportionately adverse environmental effects relative to the community-at-large.

10.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONALS

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in § 312.10 of 40 CFR Part 312.

We have the specific qualifications based on education, training, and experience to assess a property of the nature, history and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Prepared By:

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Staige L. Miller
Senior Vice President – HUD Environmental Services

I hereby certify under penalty of perjury that all of the information I have provided on this form and in any accompanying documentation is true and accurate. I acknowledge that if I knowingly have made any false, fictitious, or fraudulent statement, representation, or certification on this form or on any accompanying documents, I may be subject to criminal, civil, and/or administration sanctions, including fines, penalties, and/or imprisonment under applicable federal law, including but not limited to 12 U.S.C. §1833a; 18 U.S.C. §§1001, 1006, 1010, 1012, and 1014; 12 U.S.C. §1708 and 1735f-14; and 31 U.S.C. §§3729 and 3802.

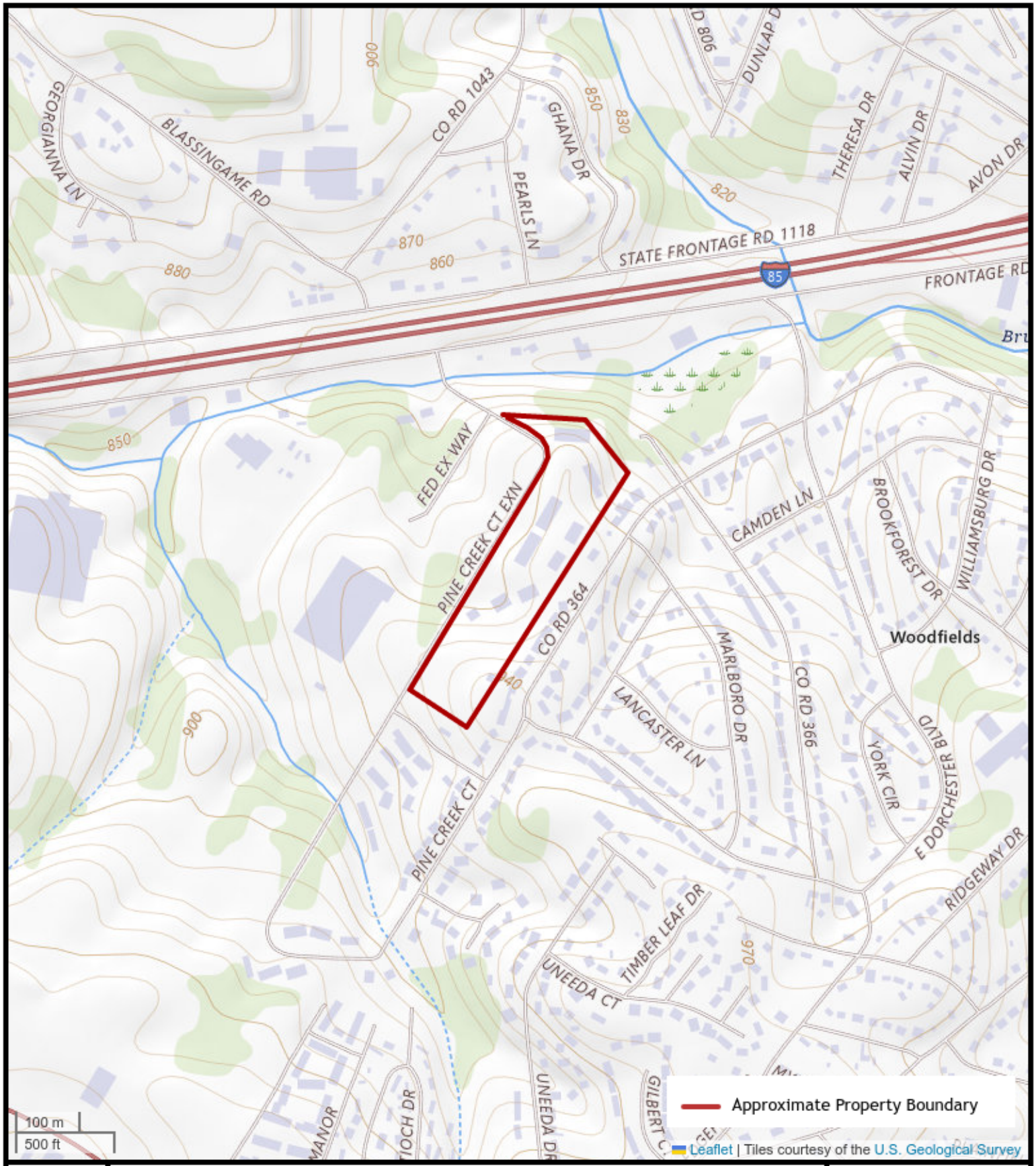
11.0 REFERENCES

Item	Date(s)	Source
Soils Information	Accessed September 2024	USDA Web Soil Survey http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx
Depth to Groundwater Information	Accessed September 2024	USGS
Aerial Photographs	1943-2019, non-inclusive	EDR
Sanborn Map Report/ Search	Searched September 2024	EDR
City Directories	1964-2020, non-inclusive	EDR
Historical Topographic Maps	1935-2020, non-inclusive	EDR
Environmental Health Department	September 12, 2024	South Carolina Department of Environmental Services
Fire Department	September 12, 2024	Gantt District Fire Department
Building Department	September 12, 2024	Greenville County Building Safety and Code Enforcement
Planning Department	September 12, 2024	Greenville County Planning/Zoning Department
Assessor's Information and Parcel Map	September 12, 2024	Greenville County Tax Assessor Records
Oil and Gas Pipelines	September 12, 2024	NPMS Public Map Viewer https://www.npms.phmsa.dot.gov/PublicViewer/composite.jsf
Regulatory Database Report	September 6, 2024	EDR
Previous Report(s)	July 28, 2016	*Phase I Environmental Site Assessment (200 Pine Creek Court, Greenville, South Carolina)*, prepared by Partner Engineering and Science, Inc. (Partner)
Airport Data	September 2024	NEPAssist https://www.epa.gov/nepa/nepassist
Coastal Barrier Resources Data	September 2024	U.S. Fish & Wildlife Service Coastal Barrier Resources System https://www.fws.gov/CBRA/Maps/Mapper.html
Flood Hazard Information	September 2024	FEMA Flood Insurance Rate Map https://msc.fema.gov/portal National Flood Insurance Program (NFIP) Community Status Book https://www.fema.gov/flood-insurance/work-with-nfip/community-status-book
EPA Nonattainment Areas Maps/Air Quality Data	September 2024	EPA Green Book Current Nonattainment Counties for All Criteria Pollutants https://www3.epa.gov/airquality/greenbook/ancl.html NEPAssist https://www.epa.gov/nepa/nepassist

Item	Date(s)	Source
State Coastal Zone Data	September 2024	National Oceanic and Atmospheric Administration Office of Coastal Management https://coast.noaa.gov/czm/mystate/
Endangered Species Data	September 2024	U.S. Fish & Wildlife Service Information for Planning and Consultation (IPAC) https://ecos.fws.gov/ipac/
Farmlands Protection Data	September 2024	NEPAssist https://www.epa.gov/nepa/nepassist USDA Web Soil Survey http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx
Historic Preservation Data	September 2024	National Register of Historic Places https://www.nps.gov/maps/full.html?mapId=7ad17cc9-b808-4ff8-a2f9-a99909164466
Noise Abatement/ Traffic Flow Data	September 2024	NEPAssist https://www.epa.gov/nepa/nepassist
Sole Source Aquifer Data	September 2024	NEPAssist https://www.epa.gov/nepa/nepassist
Wetlands Data	September 2024	National Wetlands Inventory Wetlands Mapper http://www.fws.gov/wetlands/Data/Mapper.html
Wild and Scenic Rivers Data	September 2024	National Wild & Scenic Rivers in the U.S., National Park Service https://nps.maps.arcgis.com/home/webmap/viewer.html?webmap=8ecd2c2e783c4dfa9636e1805df0e441 Nationwide River Inventory, National Park Service https://www.nps.gov/maps/full.html?mapId=8adbe798-0d7e-40fb-bd48-225513d64977 NEPAssist https://www.epa.gov/nepa/nepassist
EPA Environmental Justice Data	September 2024	EPA Environmental Justice Screening and Mapping Tool http://www2.epa.gov/ejscreen NEPAssist https://www.epa.gov/nepa/nepassist

APPENDIX A

FIGURES



N

FIGURE 1: TOPOGRAPHIC MAP

200 Pine Creek Court, Greenville, South Carolina 29605

AEI Project Number: 497755

AEI

N

FIGURE 2: SITE MAP

200 Pine Creek Court, Greenville, South Carolina 29605

AEI Project Number: 497755

AEI

APPENDIX B

PROPERTY PHOTOGRAPHS

1. Subject property signage

2. Representative view of subject property apartment building exterior

3. Subject property playground

4. Subject property tennis court

5. Subject property clubhouse exterior

6. Subject property swimming pool area and northern electrical transmission line support

7. Subject property northern electrical transmission line support placard

8. Subject property southern electrical transmission line support

9. Subject property maintenance storage shed exterior

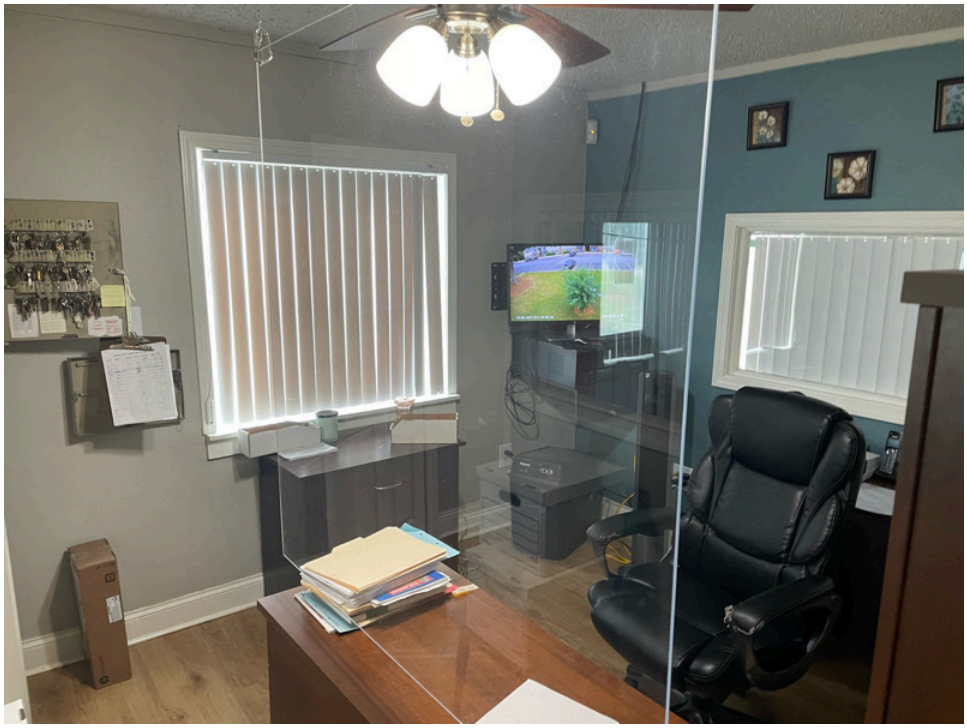
10. Subject property maintenance storage shed interior

11. Subject property propane AST

12. Representative view of subject property tenant mailboxes

13. Representative view of subject property pad-mounted transformer

14. Representative view of subject property storm water drain



15. Representative view of subject property leasing office

16. Representative view of subject property clubhouse interior

17. Representative view of subject property clubhouse interior

18. Subject property tenant laundry room

19. Representative view of subject property clubhouse restroom

20. Subject property swimming pool equipment

21. Representative view of subject property apartment living room

22. Representative view of subject property apartment kitchen

23. Representative view of subject property apartment bedroom

24. Representative view of subject property apartment bathroom

25. Representative view of subject property apartment utility closet

26. Representative view of eastern adjoining single-family residences

27. Eastern adjoining electrical transmission line support

28. Southern adjoining residential condominiums

29. Western adjoining Fedex distribution center

APPENDIX C

REGULATORY DATABASE

497755
200 Pine Creek Court
Greenville, SC 29605

Inquiry Number: 7756067.2s
September 06, 2024

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

200 PINE CREEK COURT
GREENVILLE, SC 29605

COORDINATES

Latitude (North):	34.7906780 - 34ˆ 47' 26.44''
Longitude (West):	82.3928350 - 82ˆ 23' 34.20''
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	372571.3
UTM Y (Meters):	3850517.5
Elevation:	898 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	6063771 GREENVILLE, SC
Version Date:	2014
East Map:	6063787 MAULDIN, SC
Version Date:	2014

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year:	060
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
200 PINE CREEK COURT
GREENVILLE, SC 29605

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	WILSON TRUCKING CORP	76 BRUCE RD	LUST, UST, Financial Assurance	Lower	1615, 0.306, WNW
A2	WILSON TRUCKING CORP	76 BRUCE RD	UST FINDER, UST FINDER RELEASE	Lower	1615, 0.306, WNW
3	INTERSTATE-WHITEHORS	540 WHITE HORSE RD	SHWS, AUL, VCP, BROWNFIELDS, ALLSITES	Higher	4735, 0.897, South

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL ..... National Priority List
Proposed NPL ..... Proposed National Priority List Sites
NPL LIENS ..... Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL ..... National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY ..... Federal Facility Site Information listing
SEMS ..... Superfund Enterprise Management System

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE ..... Superfund Enterprise Management System Archive

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS ..... Corrective Action Report

Lists of Federal RCRA TSD facilities

RCRA-TSDF ..... RCRA - Treatment, Storage and Disposal

Lists of Federal RCRA generators

RCRA-LQG ..... RCRA - Large Quantity Generators
RCRA-SQG ..... RCRA - Small Quantity Generators
RCRA-VSQG ..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS ..... Land Use Control Information System

EXECUTIVE SUMMARY

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROLS..... Institutional Controls Sites List

Federal ERNS list

ERNS..... Emergency Response Notification System

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF..... Permitted Landfills List

Lists of state and tribal leaking storage tanks

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

Lists of state and tribal registered storage tanks

FEMA UST..... Underground Storage Tank Listing
UST..... Comprehensive Underground Storage Tanks
AST..... Aboveground Storage Tank List
INDIAN UST..... Underground Storage Tanks on Indian Land
GWT..... GWT Management Tracking

State and tribal institutional control / engineering control registries

RCR..... Registry of Conditional Remedies
AUL..... Land Use Controls

Lists of state and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Sites
INDIAN VCP..... Voluntary Cleanup Priority Listing

Lists of state and tribal brownfield sites

BROWNFIELDS..... Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY..... Solid Waste Recycling Facilities
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
ODI..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register

EXECUTIVE SUMMARY

ALLSITES	Site Assessment & Remediation Public Record Database
CDL	Clandestine Drug Lab Sites
US CDL	National Clandestine Laboratory Register

Local Land Records

LIENS 2	CERCLA Lien Information

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
SPILLS	Spills Database List
SPILLS 90	SPILLS 90 data from FirstSearch
SPILLS 80	SPILLS 80 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated
FUDS	Formerly Used Defense Sites
DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
MINES MRDS	Mineral Resources Data System
FINDS	Facility Index System/Facility Registry System
DOCKET HWC	Hazardous Waste Compliance Docket Listing
UXO	Unexploded Ordnance Sites
ECHO	Enforcement & Compliance History Information

EXECUTIVE SUMMARY

FUELS PROGRAM	EPA Fuels Program Registered Listing
PFAS NPL	Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES	Federal Sites PFAS Information
PFAS TRIS	List of PFAS Added to the TRI
PFAS TSCA	PFAS Manufacture and Imports Information
PFAS RCRA MANIFEST	PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR	PFAS Contamination Site Location Listing
PFAS WQP	Ambient Environmental Sampling for PFAS
PFAS PROJECT	NORTHEASTERN UNIVERSITY PFAS PROJECT
PFAS NPDES	Clean Water Act Discharge Monitoring Information
PFAS ECHO	Facilities in Industries that May Be Handling PFAS Listing
PFAS ECHO FIRE TRAIN	Facilities in Industries that May Be Handling PFAS Listing
PFAS PT 139 AIRPORT	All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC	Aqueous Foam Related Incidents Listing
BIOSOLIDS	ICIS-NPDES Biosolids Facility Data
UST FINDER	UST Finder Database
E MANIFEST	Hazardous Waste Electronic Manifest System
AIRS	Permitted Airs Facility Listing
ASBESTOS	ASBESTOS
COAL ASH	Coal Ash Disposal Sites
DRYCLEANERS	Drycleaner Database
Financial Assurance	Financial Assurance Information Listing
GWCI	Groundwater Contamination Inventory
MANIFEST	Hazardous Waste Manifest Data
NPDES	Waste Water Treatment Facilities Listing
UIC	Underground Injection Wells Listing

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto	EDR Exclusive Historical Auto Stations
EDR Hist Cleaner	EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS	Recovered Government Archive State Hazardous Waste Facilities List
RGA LF	Recovered Government Archive Solid Waste Facilities List
RGA LUST	Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

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

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Lists of state- and tribal hazardous waste facilities

SHWS: State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

A review of the SHWS list, as provided by EDR, and dated 03/18/2024 has revealed that there is 1 SHWS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
INTERSTATE-WHITEHORS EPA ID: SCS123457991	***540 WHITE HORSE RD***	***S 1/2 - 1 (0.897 mi.)***	***3***	***12***

Lists of state and tribal leaking storage tanks

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Health & Environmental Control's Leaking UST list.

A review of the LUST list, as provided by EDR, and dated 04/23/2024 has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
WILSON TRUCKING CORP No Action Required: 07/08/1998 Substance: PETRO Facility Id: 04273	***76 BRUCE RD***	***WNW 1/4 - 1/2 (0.306 mi.)***	***A1***	***8***

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

UST FINDER RELEASE: US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

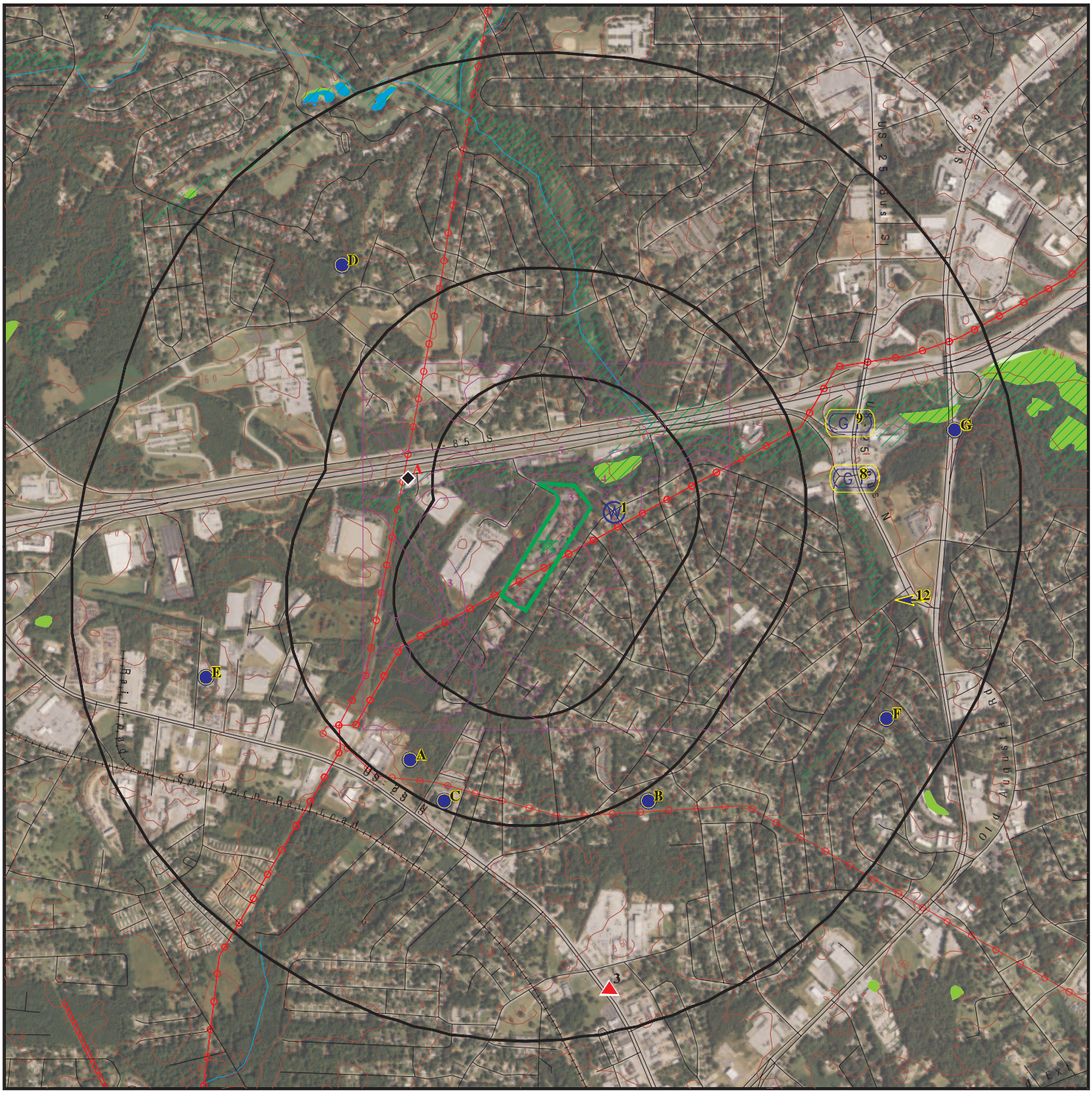
A review of the UST FINDER RELEASE list, as provided by EDR, and dated 06/08/2023 has revealed that there is 1 UST FINDER RELEASE site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
WILSON TRUCKING CORP	***76 BRUCE RD***	***WNW 1/4 - 1/2 (0.306 mi.)***	***A2***	***10***

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 7756067.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

Pipelines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 497755	CLIENT: AEI Consultants
ADDRESS: 200 Pine Creek Court Greenville SC 29605	CONTACT: Lacee Elam
LAT/LONG: 34.790678 / 82.392835	INQUIRY #: 7756067.2s
	DATE: September 06, 2024 1:22 pm

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DETAIL MAP - 7756067.2S

0 1/16 1/8 1/4 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	497755	CLIENT:	AEI Consultants
ADDRESS:	200 Pine Creek Court Greenville SC 29605	CONTACT:	Lacee Elam
		INQUIRY #:	7756067.2s
LAT/LONG:	34.790678 / 82.392835	DATE:	September 06, 2024 1:22 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
Lists of state- and tribal hazardous waste facilities								
SHWS	1.000		0	0	0	1	NR	1
Lists of state and tribal landfills and solid waste disposal facilities								
SWF/LF	0.500		0	0	0	NR	NR	0
Lists of state and tribal leaking storage tanks								
LUST	0.500		0	0	1	NR	NR	1

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	1.000		0	0	0	0	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
GWT	TP		NR	NR	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
RCR	0.500		0	0	0	NR	NR	0
AUL	0.500		0	0	0	NR	NR	0
Lists of state and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
Lists of state and tribal brownfield sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
ALLSITES	0.500		0	0	0	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
SPILLS 80	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
MINES MRDS	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS PROJECT	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAIN	0.250		0	0	NR	NR	NR	0
PFAS PT 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UST FINDER	0.250		0	0	NR	NR	NR	0
UST FINDER RELEASE	0.500		0	0	1	NR	NR	1
E MANIFEST	0.250		0	0	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
ASBESTOS	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
GWCI	0.500		0	0	0	NR	NR	0
MANIFEST	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA HWS	TP		NR	NR	NR	NR	NR	0
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		0	0	0	2	1	0	3

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 WNW 1/4-1/2 0.306 mi. 1615 ft. | **WILSON TRUCKING CORPORATION**
76 BRUCE RD
GREENVILLE, SC 29605

Site 1 of 2 in cluster A

LUST **U001920869**
UST **N/A**
Financial Assurance

Relative: Lower

Actual: 855 ft.

LUST:

Name:	WILSON TRUCKING CORPORATION
Address:	76 BRUCE RD
City,State,Zip:	GREENVILLE, SC 29605
Release Number:	1
Facility ID:	04273
Release Status Number:	Not reported
Substance:	PETRO
Tank Owner Company Name:	WILSON TRUCKING CORP
Tank Owner Last Name:	Not reported
Tank Owner First name:	Not reported
NFA Date:	07/08/1998
Tank Owner City:	Not reported
Confirmed Date:	Not reported
Release Date:	01/31/1992
EID:	Not reported
Local Facility District:	Not reported
SCRBCA Class Number:	Not reported
Release Fin Type Code:	Not reported
Qualified:	Not reported
Release Source:	Not reported
Local Fac Last Name:	Not reported
Local Fac First Name:	Not reported
User Name:	LONGKH
Cleanup Initiated Date:	02/13/1995
Prefix:	Not reported
Total Score:	Not reported

GW Flow:

Release Date:	01/31/1992
Cleanup Complete Date:	07/08/1998
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	02/13/1995
RP Name:	WILSON TRUCKING CORP
RP Address:	PO BOX 200
RP City:	FISHERSVILLE
RP State:	VA
RP Zip:	22939-0200
SCRBCA Class Code:	CLASS5B
Project Manager:	LONG, KRISTEN H
Release Fin Type Code:	WS

UST:

Name:	WILSON TRUCKING CORPORATION
Address:	76 BRUCE RD
City:	GREENVILLE
Facility ID:	04273
Permit:	P 04273
Owner:	WILSON TRUCKING CORP
Owner Address:	PO BOX 1079

WILSON TRUCKING CORPORATION (Continued) **U001920869**

Owner City, st, zip: FISHERSVILLE VA 22939-0200
Owner Phone: 540-949-3259

Tank ID: 1
Status: **Abandoned**
Capacity: 12000
Product: Diesel fuel
Calcage: 10

Name: WILSON TRUCKING CORPORATION
Address: 76 BRUCE RD
City: GREENVILLE

Tank ID: 2
Status: **Abandoned**
Capacity: 10000
Product: Gasoline
Calcage: 10

Name: WILSON TRUCKING CORPORATION
Address: 76 BRUCE RD
City: GREENVILLE

Tank ID: 3
Status: **Abandoned**
Capacity: 1000
Product: Waste oil, burnt oil, used oil
Calcage: 10

Name: WILSON TRUCKING CORPORATION
Address: 76 BRUCE RD
City: GREENVILLE

Tank ID: 4
Status: **Abandoned**
Capacity: 12000
Product: Diesel fuel
Calcage: Not reported

Name: WILSON TRUCKING CORPORATION
Address: 76 BRUCE RD
City: GREENVILLE

Tank ID: 5
Status: **Abandoned**
Capacity: 12000
Product: Diesel fuel
Calcage: 0

SC Financial Assurance 3:
Name: WILSON TRUCKING CORPORATION
Address: 76 BRUCE RD
City,State,Zip: GREENVILLE, SC 29605
Owner Name: WILSON TRUCKING CORP
Owner Address: PO BOX 1079
Owner City St Zip: FISHERSVILLE VA 22939-0200
Mechanism: Self Insurance 280.101

WILSON TRUCKING CORPORATION (Continued) **U001920869**

Date Expired: 4/30/2020
Bill: 0

A2 WNW 1/4-1/2 0.306 mi. 1615 ft. **WILSON TRUCKING CORPORATION**
76 BRUCE RD
GREENVILLE, SC 29605

UST FINDER **1028697222**
UST FINDER RELEASE **N/A**

Site 2 of 2 in cluster A

Relative: Lower

Actual: 855 ft.

UST FINDER:

Object ID:	397203
Facility ID:	SC4273
Name:	WILSON TRUCKING CORPORATION
Address:	76 BRUCE RD
City,State,Zip:	GREENVILLE, SC 29605
Address Match Type:	Not reported
Open USTs:	1
Closed USTs:	4
TOS USTs:	0
Population 1500ft:	Not reported
Private Wells 1500ft:	0
Within 100yr Floodplain:	Yes
Land Use:	Not reported
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	No
WHPA PWS Facility ID:	Not reported
WHPA Water Type:	Not reported
WHPA Facility Type:	Not reported
WHPA HUC12:	Not reported
Facility Status:	Open UST(s)
Date of Last Inspection:	Not reported
EPA Region:	4
Tribe:	Not reported
Coordinate Source:	State
X Coord:	-82.3973999
Y Coord:	34.79309082
Latitude:	34.79309082
Longitude:	-82.3973999

UST FINDER:

Object ID:	1001542
Facility ID:	SC4273
Tank ID:	SC4273_1
Tank Status:	Closed
Installation Date:	Not reported
Removal Date:	Not reported
Tank Capacity:	12000
Substances:	DL
Tank Wall Type:	Not reported

Object ID:	1001543
Facility ID:	SC4273
Tank ID:	SC4273_2
Tank Status:	Closed

WILSON TRUCKING CORPORATION (Continued) **1028697222**

Installation Date:	Not reported
Removal Date:	Not reported
Tank Capacity:	10000
Substances:	GN
Tank Wall Type:	Not reported

Object ID:	1001544
Facility ID:	SC4273
Tank ID:	SC4273_3
Tank Status:	Closed
Installation Date:	Not reported
Removal Date:	Not reported
Tank Capacity:	1000
Substances:	WO
Tank Wall Type:	Not reported

Object ID:	1001750
Facility ID:	SC4273
Tank ID:	SC4273_5
Tank Status:	Open
Installation Date:	Not reported
Removal Date:	Not reported
Tank Capacity:	12000
Substances:	DL
Tank Wall Type:	Not reported

Object ID:	1001751
Facility ID:	SC4273
Tank ID:	SC4273_4
Tank Status:	Closed
Installation Date:	Not reported
Removal Date:	Not reported
Tank Capacity:	12000
Substances:	DL
Tank Wall Type:	Not reported

UST FINDER RELEASE:

Object ID:	22273
Facility ID:	SC4273
Lust ID:	SC4273_1
Name:	WILSON TRUCKING CORPORATION
Address:	76 BRUCE RD
City,State,Zip:	GREENVILLE, SC 29605
Address Match Type:	Not reported
Reported Date:	1992/01/31 15:59:59+00
Status:	No Further Action
Substance:	PETRO
Population within 1500ft:	174
Domestic Wells within 1500ft:	0
Land Use:	Developed, Medium Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	No

WILSON TRUCKING CORPORATION (Continued) **1028697222**

WHPA PWS Facility ID:	Not reported
WHPA Water Type:	Not reported
WHPA Facility Type:	Not reported
WHPA HUC12:	Not reported
Within 100yr Floodplain:	Yes
Tribe:	Not reported
EPA Region:	4
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	State
X Coord:	-82.3973999
Y Coord:	34.79309082
Latitude:	34.79309082
Longitude:	-82.3973999

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3 South 1/2-1 0.897 mi. 4735 ft.

INTERSTATE-WHITEHORSE ROAD
540 WHITE HORSE RD
GREENVILLE, SC 29605

SHWS **S127140103**
AUL **N/A**
VCP
BROWNFIELDS
ALLSITES

Relative: Higher

Actual: 953 ft.

SHWS:

Name:	INTERSTATE-WHITEHORSE ROAD
Address:	540 WHITE HORSE RD
City,State,Zip:	GREENVILLE, SC 29605
EPA ID:	SCS123457991

Name:	INTERSTATE-WHITEHORSE ROAD
Address:	540 WHITE HORSE RD
Address 2:	Not reported
City,State,Zip:	GREENVILLE, SC 29605

GREENVILLE, SC 29605:

Owner:	VAGESVARI MATA LLC
Latitude / Longitude:	34.77624 / -82.39044
Project Status:	COMP
Execute Date:	04/30/2021
Restriction File Date:	05/19/2023
Cleanup Contract Complete Date:	06/06/2023
Project Complete Date:	06/06/2023
File Number:	59333
Land Use Restriction:	Not yet determined.
Contamination on Site:	Please call 803-898-2000 for this information.
Brownfield Type:	Not reported
Fund 128(A) Utilized:	No
Respond Action Planned:	No
Acreage:	1.67

VCP:

Name:	INTERSTATE-WHITEHORSE ROAD
Address:	540 WHITE HORSE RD
City,State,Zip:	GREENVILLE, SC 29605
Person Company:	VAGESVARI MATA LLC
Prim Address 1:	540 WHITE HORSE RD
Prim Address 2:	Not reported

INTERSTATE-WHITEHORSE ROAD (Continued) **S127140103**

Prim City:	GREENVILLE
Prim State:	SC
Prim Zip:	29605
Type Brownfield:	Not reported
Contact:	HINA PATEL
Status code:	COMP
File Number:	59333
Exec Date:	30-Apr-21
Contract Mailed Date:	23-Feb-21
Date Terminated:	Not reported
Contract #:	21-7569-NRP
Contract Type:	NRP
Contract Manager:	BERENBROK MARK K
Acreage:	1.7
COC Issued Date:	6-Jun-23
RC Executed Date:	19-May-23
I C Received:	18-Dec-20
Workplan Due:	Not reported
Workplan Receive:	22-Feb-21
Workplan Reviewed:	29-Apr-21
Workplan Approved:	29-Apr-21
Report Receive:	29-Jul-21
Report Reviewed:	10-Feb-22
Report Approved:	15-Nov-65
Cap Approved:	Not reported
PCAS Number:	7569
Prim Bill Ind:	Y

SC BROWNFIELD:

Name:	INTERSTATE-WHITEHORSE ROAD
Address:	540 WHITE HORSE RD
City,State,Zip:	GREENVILLE, SC 29605
Contract Number:	21-7569-NRP
Contract Type:	NRP
File Number:	59333
Contract Manager:	BERENBROK MARK K
Person Company:	VAGESVARI MATA LLC
Primary Address1:	540 WHITE HORSE RD
Primary Address2:	Not reported
Primary City:	GREENVILLE
Primary State Code:	SC
Primary Zip Code:	29605
Type Brownfield:	Not reported
Acreage:	1.7
Contract Executed:	30-Apr-21
COC Date Issued:	6-Jun-23
RC Executed:	19-May-23
Contact:	HINA PATEL
Status Code:	COMP
IC Received:	18-Dec-20
Workplan Due:	Not reported
Workplan Received:	22-Feb-21
Workplan Reviewed:	29-Apr-21
Workplan Approved:	29-Apr-21
Report Received:	29-Jul-21
Report Reviewed:	10-Feb-22
Report Approved:	15-Nov-65

INTERSTATE-WHITEHORSE ROAD (Continued) **S127140103**

Cap Approved:		Not reported
Contract Mailed:		23-Feb-21
Date Terminated:		Not reported
PCAS Number:	7569	
Prim Bill Ind:	Y	

ALLSITES:

Name:	INTERSTATE-WHITEHORSE ROAD
Address:	540 WHITE HORSE RD
City,State,Zip:	GREENVILLE, SC 29605
Brownfield:	Not reported
Brownfield Type:	Not reported
Funds Used:	No
Resp Action:	No
Permit Number:	Not reported
Program:	Not reported
Owner:	VAGESVARI MATA LLC
Project Status Code:	COMP
Execute Date:	04/30/2021
Restrictions Filed Date:	5/19/2023
Cleanup Contract Complete Date:	06/06/2023
Project Complete Date:	6/6/2023
File Number:	59333
Land Use Restriction:	Not yet determined.
Contamination On Site:	Please call 803-898-2000 for this information.
Acreage:	1.67
Soil Contamination Desc:	Not reported
Soil COCS:	Not reported
SW Sed Contamination Desc:	Not reported
SW COCS:	Not reported
GW Contamination Desc:	Not reported
GW COCS:	Not reported
Air Contamination Desc:	Not reported
Air COCS:	Not reported
Lat:	34.77624
Long:	-82.39044

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
		NO SITES FOUND			

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 05/22/2024
Date Data Arrived at EDR: 06/03/2024
Date Made Active in Reports: 06/26/2024
Number of Days to Update: 23

Source: EPA
Telephone: N/A
Last EDR Contact: 09/03/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 05/22/2024
Date Data Arrived at EDR: 06/03/2024
Date Made Active in Reports: 06/26/2024
Number of Days to Update: 23

Source: EPA
Telephone: N/A
Last EDR Contact: 09/03/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 05/22/2024
Date Data Arrived at EDR: 06/03/2024
Date Made Active in Reports: 06/26/2024
Number of Days to Update: 23

Source: EPA
Telephone: N/A
Last EDR Contact: 09/03/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 03/25/2024
Date Data Arrived at EDR: 03/26/2024
Date Made Active in Reports: 06/24/2024
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 06/25/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/24/2024
Date Data Arrived at EDR: 08/01/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/03/2024
Next Scheduled EDR Contact: 10/21/2024
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates 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 the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The 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 potential NPL site.

Date of Government Version: 07/24/2024
Date Data Arrived at EDR: 08/01/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/03/2024
Next Scheduled EDR Contact: 10/21/2024
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/03/2024
Date Data Arrived at EDR: 06/07/2024
Date Made Active in Reports: 06/20/2024
Number of Days to Update: 13

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/07/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/03/2024
Date Data Arrived at EDR: 06/07/2024
Date Made Active in Reports: 06/20/2024
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 06/07/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/03/2024
Date Data Arrived at EDR: 06/07/2024
Date Made Active in Reports: 06/20/2024
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 06/07/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/03/2024
Date Data Arrived at EDR: 06/07/2024
Date Made Active in Reports: 06/20/2024
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 06/07/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/03/2024
Date Data Arrived at EDR: 06/07/2024
Date Made Active in Reports: 06/20/2024
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 06/07/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/14/2024
Date Data Arrived at EDR: 02/16/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 48

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 07/31/2024
Next Scheduled EDR Contact: 11/18/2024
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 07/24/2024
Date Data Arrived at EDR: 08/08/2024
Date Made Active in Reports: 08/15/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/08/2024
Next Scheduled EDR Contact: 12/02/2024
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 07/24/2024
Date Data Arrived at EDR: 08/08/2024
Date Made Active in Reports: 08/15/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/08/2024
Next Scheduled EDR Contact: 12/02/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/11/2024
Date Data Arrived at EDR: 06/17/2024
Date Made Active in Reports: 09/04/2024
Number of Days to Update: 79

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/17/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

SHWS: Site Assessment Section Project List

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 03/18/2024
Date Data Arrived at EDR: 03/26/2024
Date Made Active in Reports: 06/12/2024
Number of Days to Update: 78

Source: Department of Environmental Services
Telephone: 803-898-0835
Last EDR Contact: 08/15/2024
Next Scheduled EDR Contact: 12/16/2024
Data Release Frequency: Semi-Annually

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: Permitted Landfills List

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

Date of Government Version: 03/18/2024
Date Data Arrived at EDR: 03/21/2024
Date Made Active in Reports: 06/11/2024
Number of Days to Update: 82

Source: Department of Environmental Services
Telephone: 803-734-5165
Source: Department of Health and Environmental Control, GIS Section
Telephone: 803-896-4084
Last EDR Contact: 08/28/2024
Next Scheduled EDR Contact: 12/16/2024
Data Release Frequency: Semi-Annually

Lists of state and tribal leaking storage tanks

LUST: Leaking Underground Storage Tank List

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 04/23/2024
Date Data Arrived at EDR: 04/24/2024
Date Made Active in Reports: 05/28/2024
Number of Days to Update: 34

Source: Department of Environmental Services
Telephone: 803-898-4350
Last EDR Contact: 07/11/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/11/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 03/15/2024
Date Data Arrived at EDR: 03/19/2024
Date Made Active in Reports: 06/17/2024
Number of Days to Update: 90

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 08/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

UST: Comprehensive Underground Storage Tanks
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 10/23/2023
Date Data Arrived at EDR: 10/25/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 85

Source: Department of Environmental Services
Telephone: 803-896-7957
Last EDR Contact: 06/27/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Quarterly

AST: Aboveground Storage Tank List
Registered Aboveground Storage Tanks.

Date of Government Version: 03/25/2004
Date Data Arrived at EDR: 08/04/2004
Date Made Active in Reports: 09/23/2004
Number of Days to Update: 50

Source: Department of Environmental Services
Telephone: 803-898-4350
Last EDR Contact: 08/13/2024
Next Scheduled EDR Contact: 12/02/2024
Data Release Frequency: No Update Planned

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/11/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

GWT: GWT Management Tracking

Groundwater Tracking information. Active sites reflect the list of current open releases at ASTs but also pipelines, spills, heating oil tanks, or otherwise non-permitted petroleum releases. There is no way to separate them out in the database unfortunately. NFA does not reflect all sites closed.

Date of Government Version: 06/14/2024
Date Data Arrived at EDR: 06/24/2024
Date Made Active in Reports: 08/07/2024
Number of Days to Update: 44

Source: Department of Environmental Services
Telephone: 803-898-8137
Last EDR Contact: 08/13/2024
Next Scheduled EDR Contact: 12/02/2024
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

RCR: Registry of Conditional Remedies

The Bureau of Land and Waste Management established this Registry to help monitor and maintain sites that have conditional remedies. 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.

Date of Government Version: 03/18/2024
Date Data Arrived at EDR: 03/19/2024
Date Made Active in Reports: 06/11/2024
Number of Days to Update: 84

Source: Department of Environmental Services
Telephone: 803-896-4000
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 12/16/2024
Data Release Frequency: Varies

AUL: Land Use Controls

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

Date of Government Version: 06/04/2024
Date Data Arrived at EDR: 06/05/2024
Date Made Active in Reports: 09/03/2024
Number of Days to Update: 90

Source: Department of Environmental Services
Telephone: 803-896-4049
Last EDR Contact: 09/04/2024
Next Scheduled EDR Contact: 12/16/2024
Data Release Frequency: Varies

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 06/14/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Varies

VCP: Voluntary Cleanup Sites

Sites participating in the Voluntary Cleanup Program. Once staff and a non-responsible party have agreed upon an approved scope of work for a site investigation and/or remediation, the party enters into a voluntary cleanup contract. Staff oversees the cleanup efforts to ensure that activities are performed to our satisfaction. Upon completion of the negotiated work in the voluntary cleanup contract, the non-responsible party receives State Superfund liability protection.

Date of Government Version: 10/17/2023
Date Data Arrived at EDR: 10/18/2023
Date Made Active in Reports: 10/30/2023
Number of Days to Update: 12

Source: Department of Environmental Services
Telephone: 803-896-4049
Last EDR Contact: 07/08/2024
Next Scheduled EDR Contact: 10/21/2024
Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BROWNFIELDS: Brownfields Sites Listing

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

Date of Government Version: 10/17/2023
Date Data Arrived at EDR: 10/18/2023
Date Made Active in Reports: 10/30/2023
Number of Days to Update: 12

Source: Department of Environmental Services
Telephone: 803-896-4069
Last EDR Contact: 07/08/2024
Next Scheduled EDR Contact: 10/21/2024
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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 takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/10/2024
Date Data Arrived at EDR: 06/11/2024
Date Made Active in Reports: 09/04/2024
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/11/2024
Next Scheduled EDR Contact: 09/23/2024
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Solid Waste Recycling Facilities

A listing of recycling center locations.

Date of Government Version: 06/30/2019
Date Data Arrived at EDR: 03/13/2020
Date Made Active in Reports: 05/22/2020
Number of Days to Update: 70

Source: Department of Environmental Services
Telephone: 803-896-8985
Last EDR Contact: 09/03/2024
Next Scheduled EDR Contact: 12/16/2024
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 07/22/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 07/18/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 05/20/2024
Date Data Arrived at EDR: 05/21/2024
Date Made Active in Reports: 08/08/2024
Number of Days to Update: 79

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/19/2024
Next Scheduled EDR Contact: 12/02/2024
Data Release Frequency: No Update Planned

ALLSITES: Site Assessment & Remediation Public Record Database
The South Carolina Department of Health and Environmental Control is pleased to have the Public Record for your review. The purpose of this database is two-fold. First, it will provide to communities another form of notice of cleanup activity, allowing them to have more information about assessment and cleanup activities in their area and in the State. Second, it can assist those seeking to redevelop brownfield properties within South Carolina.

Date of Government Version: 06/04/2024
Date Data Arrived at EDR: 06/05/2024
Date Made Active in Reports: 09/03/2024
Number of Days to Update: 90

Source: Department of Environmental Services
Telephone: 803-896-4000
Last EDR Contact: 06/05/2024
Next Scheduled EDR Contact: 12/16/2024
Data Release Frequency: Quarterly

CDL 2: Clandestine Drug Lab Listing
A listing of clandestine drug lab site locations.

Date of Government Version: 02/20/2024
Date Data Arrived at EDR: 02/21/2024
Date Made Active in Reports: 05/14/2024
Number of Days to Update: 83

Source: South Carolina Law Enforcement Division
Telephone: 803-896-7136
Last EDR Contact: 08/13/2024
Next Scheduled EDR Contact: 12/02/2024
Data Release Frequency: Varies

CDL: Clandestine Drug Lab Sites
A listing of clandestine drug lab site locations.

Date of Government Version: 01/24/2012
Date Data Arrived at EDR: 01/26/2012
Date Made Active in Reports: 02/24/2012
Number of Days to Update: 29

Source: Department of Environmental Services
Telephone: 803-896-4288
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 12/09/2024
Data Release Frequency: Varies

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site 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. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/20/2024
Date Data Arrived at EDR: 05/21/2024
Date Made Active in Reports: 08/08/2024
Number of Days to Update: 79

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/19/2024
Next Scheduled EDR Contact: 12/02/2024
Data Release Frequency: Quarterly

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 05/22/2024
Date Data Arrived at EDR: 06/03/2024
Date Made Active in Reports: 06/26/2024
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 09/03/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 06/14/2024
Date Data Arrived at EDR: 06/17/2024
Date Made Active in Reports: 06/24/2024
Number of Days to Update: 7

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/17/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

SPILLS: Spill List

Spills and releases of petroleum and hazardous chemicals reported to the Oil & Chemical Emergency Response division.

Date of Government Version: 05/22/2024
Date Data Arrived at EDR: 05/22/2024
Date Made Active in Reports: 06/18/2024
Number of Days to Update: 27

Source: Department of Environmental Services
Telephone: 803-898-4111
Last EDR Contact: 08/28/2024
Next Scheduled EDR Contact: 12/02/2024
Data Release Frequency: Semi-Annually

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 10/25/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/07/2013
Number of Days to Update: 63

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 03/26/2001
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/07/2013
Number of Days to Update: 63

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/03/2024
Date Data Arrived at EDR: 06/07/2024
Date Made Active in Reports: 06/20/2024
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 06/07/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 05/13/2024
Date Data Arrived at EDR: 05/14/2024
Date Made Active in Reports: 08/08/2024
Number of Days to Update: 86

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/12/2024
Next Scheduled EDR Contact: 11/26/2024
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/11/2024
Next Scheduled EDR Contact: 10/21/2024
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/02/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/05/2024
Next Scheduled EDR Contact: 11/18/2024
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/10/2024
Date Data Arrived at EDR: 06/17/2024
Date Made Active in Reports: 09/04/2024
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/17/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA Watch List

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 07/25/2024
Next Scheduled EDR Contact: 11/11/2024
Data Release Frequency: No Update Planned

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/01/2024
Next Scheduled EDR Contact: 11/11/2024
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 283

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/13/2024
Next Scheduled EDR Contact: 09/23/2024
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 11/13/2023
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 86

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/15/2024
Next Scheduled EDR Contact: 11/26/2024
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 07/11/2024
Date Data Arrived at EDR: 07/11/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 1

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/11/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 05/22/2024
Date Data Arrived at EDR: 06/03/2024
Date Made Active in Reports: 06/26/2024
Number of Days to Update: 23

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/03/2024
Next Scheduled EDR Contact: 12/09/2024
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/01/2024
Date Data Arrived at EDR: 04/17/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/11/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 09/03/2024
Next Scheduled EDR Contact: 11/11/2024
Data Release Frequency: Quarterly

PADS: PCB Activity Database System
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/20/2023
Date Data Arrived at EDR: 04/04/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 66

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/02/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 06/26/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

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

Date of Government Version: 06/06/2024
Date Data Arrived at EDR: 06/07/2024
Date Made Active in Reports: 09/04/2024
Number of Days to Update: 89

Source: Nuclear Regulatory Commission
Telephone: 301-415-0717
Last EDR Contact: 07/11/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 11/27/2023
Date Made Active in Reports: 02/22/2024
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 08/27/2024
Next Scheduled EDR Contact: 12/09/2024
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 08/22/2024
Next Scheduled EDR Contact: 12/09/2024
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/01/2024
Next Scheduled EDR Contact: 11/11/2024
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 06/21/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 07/23/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 03/31/2024
Date Data Arrived at EDR: 04/19/2024
Date Made Active in Reports: 06/26/2024
Number of Days to Update: 68

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 06/26/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/07/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/02/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/03/2023
Date Data Arrived at EDR: 03/03/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 98

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 07/24/2024
Next Scheduled EDR Contact: 11/11/2024
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 05/08/2024
Date Data Arrived at EDR: 08/14/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 14

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/08/2024
Next Scheduled EDR Contact: 11/26/2024
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites
A listing of former lead smelter site locations.

Date of Government Version: 05/22/2024
Date Data Arrived at EDR: 06/03/2024
Date Made Active in Reports: 06/24/2024
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 09/03/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites
A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)
The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File
Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/06/2024
Date Data Arrived at EDR: 08/14/2024
Date Made Active in Reports: 08/15/2024
Number of Days to Update: 1

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/14/2024
Next Scheduled EDR Contact: 12/02/2024
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data
Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 04/01/2024
Date Data Arrived at EDR: 04/04/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 99

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 07/02/2024
Next Scheduled EDR Contact: 12/02/2024
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 04/15/2024
Date Data Arrived at EDR: 05/22/2024
Date Made Active in Reports: 08/15/2024
Number of Days to Update: 85

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/20/2024
Next Scheduled EDR Contact: 12/02/2024
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/22/2024
Next Scheduled EDR Contact: 12/02/2024
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory 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.

Date of Government Version: 06/13/2024
Date Data Arrived at EDR: 06/14/2024
Date Made Active in Reports: 09/04/2024
Number of Days to Update: 82

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 08/27/2024
Next Scheduled EDR Contact: 12/16/2024
Data Release Frequency: Quarterly

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 98

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 08/22/2024
Next Scheduled EDR Contact: 12/02/2024
Data Release Frequency: Varies

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 08/13/2024
Date Data Arrived at EDR: 08/20/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 8

Source: EPA
Telephone: (404) 562-9900
Last EDR Contact: 08/20/2024
Next Scheduled EDR Contact: 12/09/2024
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites
A listing of unexploded ordnance site locations

Date of Government Version: 09/06/2023
Date Data Arrived at EDR: 09/13/2023
Date Made Active in Reports: 12/11/2023
Number of Days to Update: 89

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/08/2024
Next Scheduled EDR Contact: 10/21/2024
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing
A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/13/2024
Next Scheduled EDR Contact: 12/02/2024
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information
ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/23/2024
Date Data Arrived at EDR: 06/28/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 06/28/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 05/13/2024
Date Data Arrived at EDR: 05/14/2024
Date Made Active in Reports: 08/08/2024
Number of Days to Update: 86

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/13/2024
Next Scheduled EDR Contact: 11/26/2024
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information
EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing 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.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information
Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

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. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

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 VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 07/18/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a 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. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less 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. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PFAS PROJECT: NORTHEASTERN UNIVERSITY PFAS PROJECT

The PFAS Contamination Site Tracker records qualitative and quantitative data from each site in a chart, specifically examining discovery, contamination levels, government response, litigation, health impacts, media coverage, and community characteristics. All data presented in the chart were extracted from government websites, such as state health departments or the Environmental Protection Agency, and news articles.

Date of Government Version: 05/19/2023
Date Data Arrived at EDR: 04/05/2024
Date Made Active in Reports: 06/06/2024
Number of Days to Update: 62

Source: Social Science Environmental Health Research Institute
Telephone: N/A
Last EDR Contact: 09/05/2024
Next Scheduled EDR Contact: 12/16/2024
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PFAS ECHO FIRE TRAIN: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facilitys name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PFAS PT 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration?s document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-267-2675
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 06/27/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 12/16/2016
Date Data Arrived at EDR: 01/06/2017
Date Made Active in Reports: 03/10/2017
Number of Days to Update: 63

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 06/27/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: No Update Planned

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 04/14/2024
Date Data Arrived at EDR: 04/16/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 202-564-4700
Last EDR Contact: 07/16/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

UST FINDER RELEASE: UST Finder Releases Database

US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/31/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 79

Source: Environmental Protecton Agency
Telephone: 202-564-0394
Last EDR Contact: 08/08/2024
Next Scheduled EDR Contact: 11/18/2024
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST FINDER: UST Finder Database

EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories . UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 106

Source: Environmental Protection Agency
Telephone: 202-564-0394
Last EDR Contact: 08/08/2024
Next Scheduled EDR Contact: 11/18/2024
Data Release Frequency: Varies

E MANIFEST: Hazardous Waste Electronic Manifest System

EPA established a national system for tracking hazardous waste shipments electronically. This system, known as ?e-Manifest,? will modernize the nation?s cradle-to-grave hazardous waste tracking process while saving valuable time, resources, and dollars for industry and states.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 04/18/2024
Date Made Active in Reports: 06/06/2024
Number of Days to Update: 49

Source: Environmental Protection Agency
Telephone: 833-501-6826
Last EDR Contact: 06/07/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Varies

AIRS: Permiited Airs Facility Listing

A listing of permitted airs facilities.

Date of Government Version: 05/20/2024
Date Data Arrived at EDR: 05/22/2024
Date Made Active in Reports: 08/20/2024
Number of Days to Update: 90

Source: Department of Environmental Services
Telephone: 803-898-4279
Last EDR Contact: 08/20/2024
Next Scheduled EDR Contact: 12/02/2024
Data Release Frequency: Varies

ASBESTOS: Asbestos Notification Listing

Asbestos abatement & demolition project list

Date of Government Version: 04/22/2024
Date Data Arrived at EDR: 04/23/2024
Date Made Active in Reports: 07/19/2024
Number of Days to Update: 87

Source: Department of Environmental Services
Telephone: 803-898-3882
Last EDR Contact: 07/11/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites

A listing of sites with coal ash ponds.

Date of Government Version: 03/20/2018
Date Data Arrived at EDR: 03/22/2018
Date Made Active in Reports: 04/25/2018
Number of Days to Update: 34

Source: Department of Environmental Services
Telephone: 803-898-3964
Last EDR Contact: 06/06/2024
Next Scheduled EDR Contact: 09/23/2024
Data Release Frequency: Varies

DRYCLEANERS: Drycleaner Database

The Drycleaning Facility Restoration Trust Fund database is used to access, prioritze and cleanup contaminated registered drycleaning sites.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/18/2023
Number of Days to Update: 82

Source: Department of Environmental Services
Telephone: 803-898-3882
Last EDR Contact: 07/25/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: Annually

FIN ASSURANCE 1: Financial Assurance Information Listing
Financial assurance information for aolid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 03/18/2024
Date Data Arrived at EDR: 03/19/2024
Date Made Active in Reports: 06/12/2024
Number of Days to Update: 85

Source: Department of Environmental Services
Telephone: 803-896-4067
Last EDR Contact: 08/28/2024
Next Scheduled EDR Contact: 12/16/2024
Data Release Frequency: Semi-Annually

FIN ASSURANCE 2: Financial Assurance Information Listing
Hazardous waste financial assurance information.

Date of Government Version: 04/10/2024
Date Data Arrived at EDR: 04/11/2024
Date Made Active in Reports: 07/10/2024
Number of Days to Update: 90

Source: Department of Environmental Services
Telephone: 803-898-3880
Last EDR Contact: 08/14/2024
Next Scheduled EDR Contact: 12/16/2024
Data Release Frequency: Varies

FIN ASSURANCE 3: Financial Assurance Information Listing
UST financial assurance information.

Date of Government Version: 10/23/2023
Date Data Arrived at EDR: 10/25/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 85

Source: Department of Environmental Services
Telephone: 803-898-3880
Last EDR Contact: 06/27/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

GWCI: Groundwater Contamination Inventory
An inventory of all groundwater contamination cases in the state.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 11/06/2008
Date Made Active in Reports: 11/19/2008
Number of Days to Update: 13

Source: Department of Environmental Services
Telephone: 803-898-3798
Last EDR Contact: 06/14/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Annually

SC MANIFEST: Hazardous Waste Manifest Data
A generator who transports, or offers for transportation, hazardous waste for off-site treatment, storage or disposal must prepare a hazardous waste manifest to accompany such shipment.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 05/02/2022
Number of Days to Update: 88

Source: Department of Environmental Services
Telephone: 803-898-3796
Last EDR Contact: 07/25/2024
Next Scheduled EDR Contact: 11/11/2024
Data Release Frequency: Annually

NPDES: Waste Water Treatment Facilities Listing
A listing of waste water treatment facility locations.

Date of Government Version: 04/23/2024
Date Data Arrived at EDR: 04/24/2024
Date Made Active in Reports: 06/11/2024
Number of Days to Update: 48

Source: Department of Environmental Services
Telephone: 803-898-4300
Last EDR Contact: 07/11/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

UIC: Underground Injection Wells Listing
A listing of underground injection wells locations.

Date of Government Version: 07/31/2024
Date Data Arrived at EDR: 08/01/2024
Date Made Active in Reports: 08/02/2024
Number of Days to Update: 1

Source: Department of Environmental Services
Telephone: 803-898-3799
Last EDR Contact: 07/18/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: Semi-Annually

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List
The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Health and Environmental Control in South Carolina.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/03/2014
Number of Days to Update: 186

Source: Department of Environmental Services
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List
The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Health and Environmental Control in South Carolina.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/15/2014
Number of Days to Update: 198

Source: Department of Environmental Services
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank
The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Health and Environmental Control in South Carolina.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/03/2014
Number of Days to Update: 186

Source: Department of Environmental Services
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 05/05/2024
Date Data Arrived at EDR: 05/07/2024
Date Made Active in Reports: 08/01/2024
Number of Days to Update: 86

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/06/2024
Next Scheduled EDR Contact: 11/18/2024
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/26/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 11/30/2023
Date Made Active in Reports: 12/01/2023
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 07/25/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/03/2024
Next Scheduled EDR Contact: 10/21/2024
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/08/2024
Next Scheduled EDR Contact: 11/26/2024
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 08/28/2024
Next Scheduled EDR Contact: 12/16/2024
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

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

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.
Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.
Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.
Daycare Centers: Child Day Care List
Source: Department of Social Services
Telephone: 803-898-7345

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory
Source: Department of Natural Resources
Telephone: 803-734-9494

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

497755
200 PINE CREEK COURT
GREENVILLE, SC 29605

TARGET PROPERTY COORDINATES

Latitude (North):	34.790678 - 34ˆ 47’ 26.44’’
Longitude (West):	82.392835 - 82ˆ 23’ 34.21’’
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	372571.3
UTM Y (Meters):	3850517.5
Elevation:	898 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	6063771 GREENVILLE, SC
Version Date:	2014
East Map:	6063787 MAULDIN, SC
Version Date:	2014

EDR’s GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

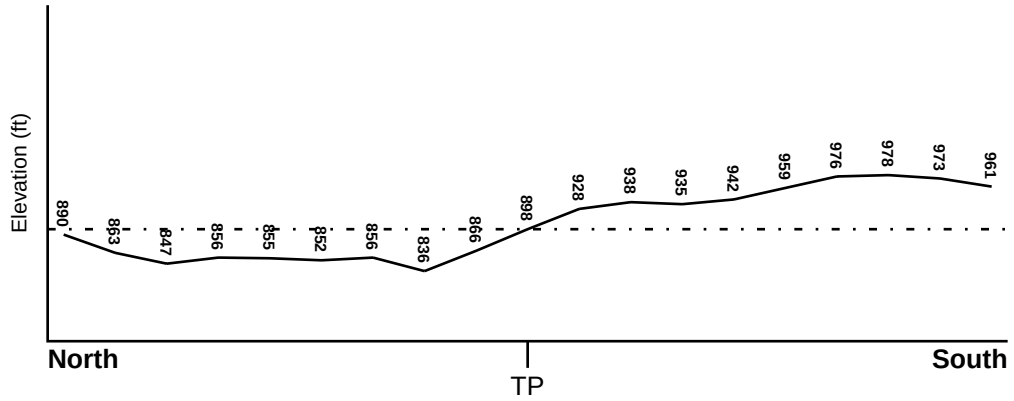
TOPOGRAPHIC INFORMATION

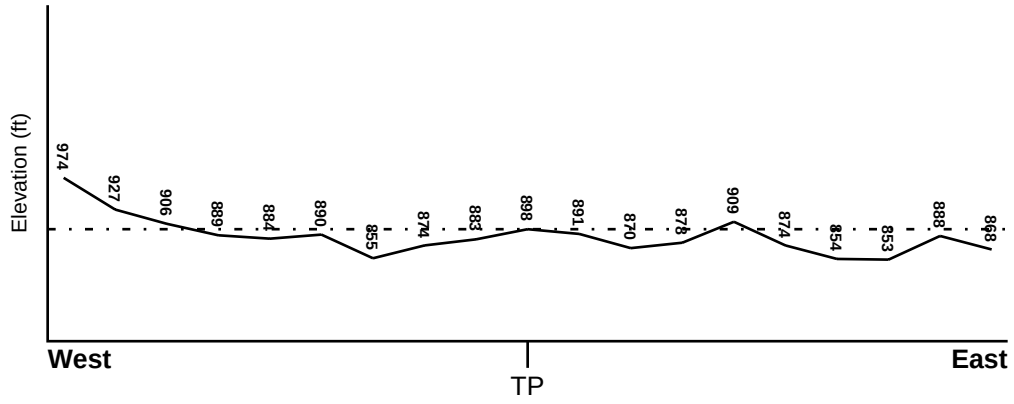
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General North

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 898 ft.

0 1/2 1 Miles

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
45045C0392E	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
45045C0391E	FEMA FIRM Flood data
45045C0394D	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
GREENVILLE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
8	1/2 - 1 Mile ENE	Not Reported
9	1/2 - 1 Mile ENE	Not Reported
12	1/2 - 1 Mile East	W
1G	1/2 - 1 Mile ENE	Not Reported
2G	1/2 - 1 Mile ENE	Not Reported
3G	1/2 - 1 Mile East	W

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

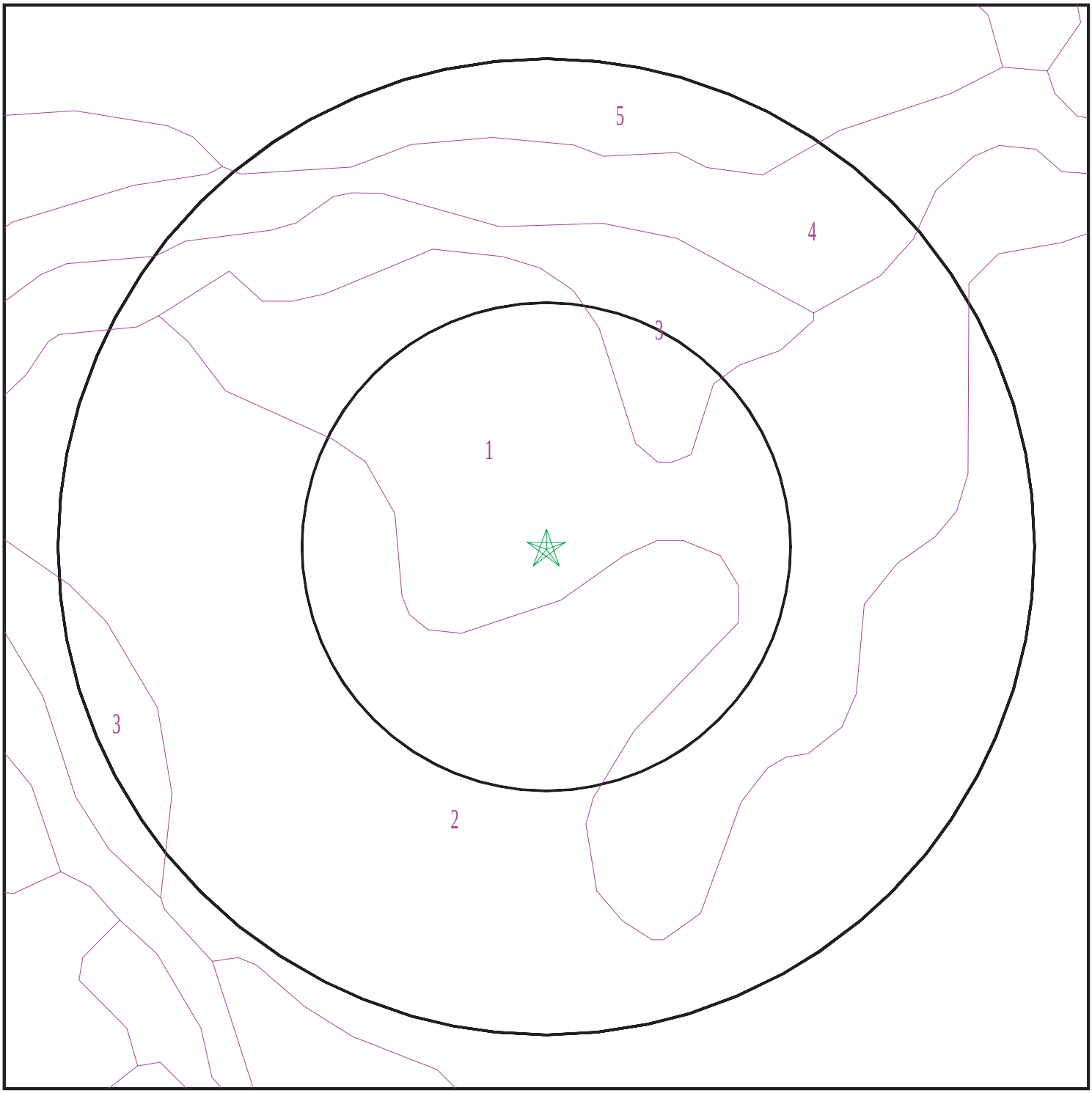
Era:	Paleozoic
System:	Pennsylvanian
Series:	Felsic paragneiss and schist
Code:	mm1 *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Metamorphic Rocks

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 7756067.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	497755	CLIENT:	AEI Consultants
ADDRESS:	200 Pine Creek Court Greenville SC 29605	CONTACT:	Lacee Elam
		INQUIRY #:	7756067.2s
LAT/LONG:	34.790678 / 82.392835	DATE:	September 06, 2024 1:22 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: CECIL

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	sandy loam	Not reported	Not reported	Max: Min:	Max: Min:
2	5 inches	9 inches	sandy clay loam	Not reported	Not reported	Max: Min:	Max: Min:
3	9 inches	46 inches	clay	Not reported	Not reported	Max: Min:	Max: Min:
4	46 inches	70 inches		Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 2

Soil Component Name: URBAN LAND

Soil Surface Texture:
Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	59 inches		Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 3

Soil Component Name: PACOLET

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	sandy loam	Not reported	Not reported	Max: 14 Min: 4	Max: 6 Min: 4.5
2	7 inches	22 inches	clay	Not reported	Not reported	Max: 14 Min: 4	Max: 6 Min: 4.5
3	22 inches	33 inches	sandy loam	Not reported	Not reported	Max: 14 Min: 4	Max: 6 Min: 4.5

Soil Map ID: 4

Soil Component Name: WEHADKEE

Soil Surface Texture: silt loam

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

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	silt loam	Not reported	Not reported	Max: Min:	Max: Min:
2	5 inches	40 inches	silty clay loam	Not reported	Not reported	Max: Min:	Max: Min:
3	40 inches	51 inches	sandy loam	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 5

Soil Component Name: CECIL

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	sandy loam	Not reported	Not reported	Max: Min:	Max: Min:
2	5 inches	9 inches	sandy clay loam	Not reported	Not reported	Max: Min:	Max: Min:
3	9 inches	46 inches	clay	Not reported	Not reported	Max: Min:	Max: Min:
4	46 inches	70 inches		Not reported	Not reported	Max: Min:	Max: Min:

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS40001060756	1/8 - 1/4 Mile ENE
A2	USGS40001060741	1/2 - 1 Mile SSW
B4	USGS40001060704	1/2 - 1 Mile SSE
C6	USGS40001060705	1/2 - 1 Mile SSW
D10	USGS40001060804	1/2 - 1 Mile NW
E14	USGS40001060744	1/2 - 1 Mile WSW
F16	USGS40001060743	1/2 - 1 Mile ESE
G18	USGS40001060761	1/2 - 1 Mile ENE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

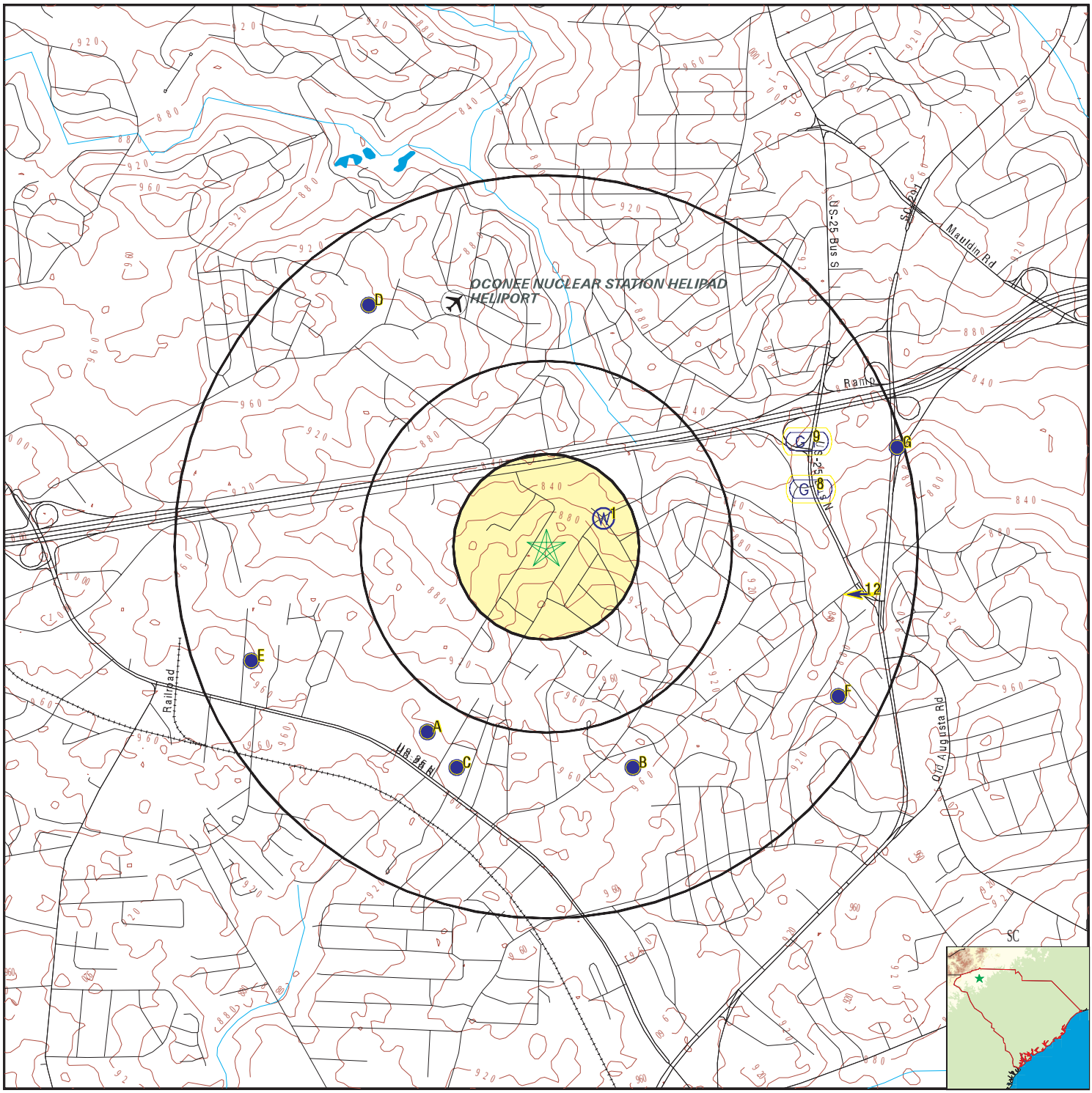
Note: PWS System location is not always the same as well location.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A3	SCP500000018120	1/2 - 1 Mile SSW
B5	SCP500000018138	1/2 - 1 Mile SSE
C7	SCP500000018139	1/2 - 1 Mile SSW
D11	SCP500000018069	1/2 - 1 Mile NW
E13	SCP500000018122	1/2 - 1 Mile WSW
F15	SCP500000018115	1/2 - 1 Mile ESE
G17	SCP500000018119	1/2 - 1 Mile ENE

PHYSICAL SETTING SOURCE MAP - 7756067.2s



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

0 1/4 1/2 1 Miles

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

N

SITE NAME:	497755	CLIENT:	AEI Consultants
ADDRESS:	200 Pine Creek Court Greenville SC 29605	CONTACT:	Lacee Elam
		INQUIRY #:	7756067.2s
LAT/LONG:	34.790678 / 82.392835	DATE:	September 06, 2024 1:22 pm

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Map ID Direction Distance Elevation	Database	EDR ID Number
1 **ENE** **1/8 - 1/4 Mile** **Lower**	**FED USGS**	**USGS40001060756**

Organization ID:	USGS-SC		
Organization Name:	USGS South Carolina Water Science Center		
Monitor Location:	GRV- 596	Type:	Well
Description:	DATA FROM SCDNR: 47F--n02 ROCK TYPE: GGN		
HUC:	Not Reported	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported		
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Bedrock	Aquifer Type:	Unconfined single aquifer
Construction Date:	19600601	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	200
Well Hole Depth Units:	ft		

A2 **SSW** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40001060741**

Organization ID:	USGS-SC		
Organization Name:	USGS South Carolina Water Science Center		
Monitor Location:	GRV- 441	Type:	Well
Description:	DATA FROM SCDNR: 47F--n01 ROCK TYPE: GGN		
HUC:	Not Reported	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported		
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Bedrock	Aquifer Type:	Unconfined single aquifer
Construction Date:	19510501	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	103
Well Hole Depth Units:	ft		

A3 **SSW** **1/2 - 1 Mile** **Higher**	**SC WELLS**	**SCP500000018120**

Database:	Water Well Database (Piedmont Counties)		
SCDNR Grid #:	47F--n001	Old SCDNR #:	47F--n001
SCWRC #:	47F--n001	SCWRC Transitional #:	47F--n001
SCWRC Original #:	47F--n01	DHEC Permit #:	Not Reported
DHEC Construction Permit #:	Not Reported	DHEC Public Supply Sys #:	Not Reported
DHEC Public Well #:	Not Reported	Total Well Depth:	103
Completed Depth:	0	Elevation:	0
Topography:	Not Reported	Aquifer:	CZsp
Basin:	Not Reported	Water Use:	AB
Source:	W	Yield:	0
Updated:	19900626000000.000		

Map ID Direction Distance Elevation	Database	EDR ID Number
B4 **SSE** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40001060704**

Organization ID:	USGS-SC		
Organization Name:	USGS South Carolina Water Science Center		
Monitor Location:	GRV- 257	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Bedrock	Aquifer Type:	Unconfined single aquifer
Construction Date:	1951	Well Depth:	87
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

B5 **SSE** **1/2 - 1 Mile** **Higher**	**SC WELLS**	**SCP500000018138**

Database:	Water Well Database (Piedmont Counties)		
SCDNR Grid #:	47F--q001	Old SCDNR #:	47F--q001
SCWRC #:	47F--q001	SCWRC Transitional #:	47F--q001
SCWRC Original #:	47F--q01	DHEC Permit #:	Not Reported
DHEC Construction Permit #:	Not Reported	DHEC Public Supply Sys #:	Not Reported
DHEC Public Well #:	Not Reported	Total Well Depth:	87
Completed Depth:	0	Elevation:	0
Topography:	FLAT	Aquifer:	CZsp
Basin:	Not Reported	Water Use:	DO
Source:	W	Yield:	0
Updated:	19900619000000.000		

C6 **SSW** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40001060705**

Organization ID:	USGS-SC		
Organization Name:	USGS South Carolina Water Science Center		
Monitor Location:	GRV- 440	Type:	Well
Description:	DATA FROM SCDNR: 47F--q02 ROCK TYPE: GGN		
HUC:	Not Reported	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported		
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Bedrock	Aquifer Type:	Unconfined single aquifer
Construction Date:	19510501	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	102
Well Hole Depth Units:	ft		

Map ID Direction Distance Elevation		Database	EDR ID Number
C7 **SSW** **1/2 - 1 Mile** **Higher**		**SC WELLS**	**SCP500000018139**

Database:	Water Well Database (Piedmont Counties)		
SCDNR Grid #:	47F--q002	Old SCDNR #:	47F--q002
SCWRC #:	47F--q002	SCWRC Transitional #:	47F--q002
SCWRC Original #:	47F--q02	DHEC Permit #:	Not Reported
DHEC Construction Permit #:	Not Reported	DHEC Public Supply Sys #:	Not Reported
DHEC Public Well #:	Not Reported	Total Well Depth:	102
Completed Depth:	0	Elevation:	0
Topography:	FLAT	Aquifer:	CZsp
Basin:	Not Reported	Water Use:	AB
Source:	W	Yield:	0
Updated:	19900628000000.000		

---

8 **ENE** **1/2 - 1 Mile** **Lower**	Site ID:	N-23-NO-04145	**AQUIFLOW**	**32127**
	Groundwater Flow:	Not Reported		
	Shallowest Water Table Depth:	Not Reported		
	Deepest Water Table Depth:	Not Reported		
	Average Water Table Depth:	30-35 ft		
	Date:	Not Reported		

---

9 **ENE** **1/2 - 1 Mile** **Lower**	Site ID:	R-23-NM-04210	**AQUIFLOW**	**32038**
	Groundwater Flow:	Not Reported		
	Shallowest Water Table Depth:	Not Reported		
	Deepest Water Table Depth:	Not Reported		
	Average Water Table Depth:	13.61		
	Date:	11/17/1998		

D10 **NW** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40001060804**

Organization ID:	USGS-SC		
Organization Name:	USGS South Carolina Water Science Center		
Monitor Location:	GRV- 566	Type:	Well
Description:	DATA FROM SCDNR: 47F--f01 ROCK TYPE: MS		
HUC:	Not Reported	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported		
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Bedrock	Aquifer Type:	Unconfined single aquifer
Construction Date:	19500301	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	70
Well Hole Depth Units:	ft		

Map ID Direction Distance Elevation		Database	EDR ID Number
D11 **NW** **1/2 - 1 Mile** **Higher**		**SC WELLS**	**SCP500000018069**

Database:	Water Well Database (Piedmont Counties)		
SCDNR Grid #:	47F--f001	Old SCDNR #:	47F--f001
SCWRC #:	47F--f001	SCWRC Transitional #:	47F--f001
SCWRC Original #:	47F--f01	DHEC Permit #:	Not Reported
DHEC Construction Permit #:	Not Reported	DHEC Public Supply Sys #:	Not Reported
DHEC Public Well #:	Not Reported	Total Well Depth:	70
Completed Depth:	0	Elevation:	0
Topography:	HSID	Aquifer:	CZbs
Basin:	Not Reported	Water Use:	DO
Source:	W	Yield:	0
Updated:	19900621000000.000		

---

12 **East** **1/2 - 1 Mile** **Lower**	Site ID:	N-23-NM-04091	**AQUIFLOW**	**32110**
	Groundwater Flow:	W		
	Shallowest Water Table Depth:	Not Reported		
	Deepest Water Table Depth:	Not Reported		
	Average Water Table Depth:	20 ft		
	Date:	02/1991		

E13 **WSW** **1/2 - 1 Mile** **Higher**		**SC WELLS**	**SCP500000018122**

Database:	Water Well Database (Piedmont Counties)		
SCDNR Grid #:	47F--o002	Old SCDNR #:	47F--o002
SCWRC #:	47F--o002	SCWRC Transitional #:	47F--o002
SCWRC Original #:	47F--o02	DHEC Permit #:	Not Reported
DHEC Construction Permit #:	Not Reported	DHEC Public Supply Sys #:	Not Reported
DHEC Public Well #:	Not Reported	Total Well Depth:	103
Completed Depth:	0	Elevation:	0
Topography:	FLAT	Aquifer:	CZsp
Basin:	Not Reported	Water Use:	AB
Source:	W	Yield:	0
Updated:	19900628000000.000		

E14 **WSW** **1/2 - 1 Mile** **Higher**		**FED USGS**	**USGS40001060744**

Organization ID:	USGS-SC		
Organization Name:	USGS South Carolina Water Science Center		
Monitor Location:	GRV- 413	Type:	Well
Description:	DATA FROM SCDNR: 47F--o02 ROCK TYPE: GGN		
HUC:	Not Reported	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported		
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Bedrock	Aquifer Type:	Unconfined single aquifer

Construction Date:	19520901	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	103
Well Hole Depth Units:	ft		

F15
ESE
1/2 - 1 Mile
Lower

SC WELLS **SCP500000018115**

Database:	Water Well Database (Piedmont Counties)		
SCDNR Grid #:	47F--m001	Old SCDNR #:	47F--m001
SCWRC #:	47F--m001	SCWRC Transitional #:	47F--m001
SCWRC Original #:	47F--m01	DHEC Permit #:	Not Reported
DHEC Construction Permit #:	Not Reported	DHEC Public Supply Sys #:	Not Reported
DHEC Public Well #:	Not Reported	Total Well Depth:	185
Completed Depth:	0	Elevation:	0
Topography:	Not Reported	Aquifer:	CZsp
Basin:	Not Reported	Water Use:	AB
Source:	W	Yield:	8
Updated:	19910723000000.000		

F16
ESE
1/2 - 1 Mile
Lower

FED USGS **USGS40001060743**

Organization ID:	USGS-SC		
Organization Name:	USGS South Carolina Water Science Center		
Monitor Location:	GRV- 20	Type:	Well
Description:	REPORTED WELL YEILD @ 8	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Bedrock	Aquifer Type:	Unconfined single aquifer
Construction Date:	Not Reported	Well Depth:	185
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

G17
ENE
1/2 - 1 Mile
Lower

SC WELLS **SCP500000018119**

Database:	Water Well Database (Piedmont Counties)		
SCDNR Grid #:	47F--m005	Old SCDNR #:	47F--m005
SCWRC #:	47F--m005	SCWRC Transitional #:	47F--m005
SCWRC Original #:	47F--m05	DHEC Permit #:	Not Reported
DHEC Construction Permit #:	Not Reported	DHEC Public Supply Sys #:	Not Reported
DHEC Public Well #:	Not Reported	Total Well Depth:	95
Completed Depth:	0	Elevation:	0
Topography:	HSID	Aquifer:	CZsp
Basin:	Not Reported	Water Use:	DO
Source:	W	Yield:	0
Updated:	19900619000000.000		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
G18 **ENE** **1/2 - 1 Mile** **Lower**		**FED USGS**	**USGS40001060761**

Organization ID:	USGS-SC		
Organization Name:	USGS South Carolina Water Science Center		
Monitor Location:	GRV- 276	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Bedrock	Aquifer Type:	Unconfined single aquifer
Construction Date:	1950	Well Depth:	95
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

1G **ENE** **1/2 - 1 Mile** **Lower**	Site ID:	R-23-NM-04210	**AQUIFLOW**	**32038**
	Groundwater Flow:	Not Reported		
	Shallowest Water Table Depth:	Not Reported		
	Deepest Water Table Depth:	Not Reported		
	Average Water Table Depth:	13.61		
	Date:	11/17/1998		

2G **ENE** **1/2 - 1 Mile** **Lower**	Site ID:	N-23-NO-04145	**AQUIFLOW**	**32127**
	Groundwater Flow:	Not Reported		
	Shallowest Water Table Depth:	Not Reported		
	Deepest Water Table Depth:	Not Reported		
	Average Water Table Depth:	30-35 ft		
	Date:	Not Reported		

3G **East** **1/2 - 1 Mile** **Lower**	Site ID:	N-23-NM-04091	**AQUIFLOW**	**32110**
	Groundwater Flow:	W		
	Shallowest Water Table Depth:	Not Reported		
	Deepest Water Table Depth:	Not Reported		
	Average Water Table Depth:	20 ft		
	Date:	02/1991		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: SC Radon

Radon Test Results

Zipcode	Average	Num Tests	Minimum	Maximum	% > 4 pCi/L
29605	2.1	138	0.3	12.0	14.5

Federal EPA Radon Zone for GREENVILLE County: 1

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 29605

Number of sites tested: 7

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.514 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	2.650 pCi/L	75%	25%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory
Source: Department of Natural Resources
Telephone: 803-734-9494

HYDROGEOLOGIC INFORMATION

AQUIFLOW[R] Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

South Carolina Water Well Database
Source: Department of Natural Resources
Telephone: 803-734-6440
Water wells in the Coastal Plain counties of South Carolina.

Water Well Database
Source: Department of Natural Resources
Telephone: 864-654-1671
A listing of water wells in the Piedmont (upstate) counties.

OTHER STATE DATABASE INFORMATION

RADON

State Database: SC Radon
Source: Department of Health & Environmental Control
Telephone: 864-241-1090
Radon Test Results by Zip Code

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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APPENDIX D

HISTORICAL SOURCES

497755

200 Pine Creek Court

Greenville, SC 29605

Inquiry Number: 7756067.8

September 06, 2024

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

09/06/24

Site Name:

497755
200 Pine Creek Court
Greenville, SC 29605
EDR Inquiry # 7756067.8

Client Name:

AEI Consultants
2500 Camino Diablo
Walnut Creek, CA 94597
Contact: Lacee Elam

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	*Scale*	*Details*	*Source*
2019	1"=500'	Flight Year: 2019	USDA/NAIP
2015	1"=500'	Flight Year: 2015	USDA/NAIP
2011	1"=500'	Flight Year: 2011	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1994	1"=500'	Acquisition Date: February 25, 1994	USGS/DOQQ
1989	1"=500'	Flight Date: March 26, 1989	USGS
1981	1"=500'	Flight Date: March 09, 1981	USDA
1978	1"=500'	Flight Date: March 22, 1978	USDA
1976	1"=500'	Flight Date: January 30, 1976	USGS
1964	1"=500'	Flight Date: September 16, 1964	USGS
1955	1"=500'	Flight Date: April 16, 1955	USDA
1951	1"=500'	Flight Date: May 12, 1951	USDA
1947	1"=500'	Flight Date: February 11, 1947	USGS
1943	1"=500'	Flight Date: April 03, 1943	USDA

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Aerial Photograph

2019

0 Feet 500 1000 2000

N

AERIAL PHOTOGRAPH - 2019

Aerial Photograph

2015

0 Feet 500 1000 2000

N

AERIAL PHOTOGRAPH - 2015

Aerial Photograph

2011

0 Feet 500 1000 2000

N

AERIAL PHOTOGRAPH - 2011

Aerial Photograph

2006

0 Feet 500 1000 2000

N

AERIAL PHOTOGRAPH - 2006

AEI

Aerial Photograph

1994

0 Feet 500 1000 2000

N

AERIAL PHOTOGRAPH - 1994

AEI

Aerial Photograph

1989

0 Feet 500 1000 2000

N

AERIAL PHOTOGRAPH - 1989

AEI

Aerial Photograph

1981

0 Feet 500 1000 2000

N

AERIAL PHOTOGRAPH - 1981

AEI

Aerial Photograph

1978

0 Feet 500 1000 2000

N

AERIAL PHOTOGRAPH - 1978

AEI

Aerial Photograph

1976

0 Feet 500 1000 2000

N

AERIAL PHOTOGRAPH - 1976

AEI

Aerial Photograph

1964

0 Feet 500 1000 2000

N

AERIAL PHOTOGRAPH - 1964

AEI

Aerial Photograph

1955

0 Feet 500 1000 2000

N

AERIAL PHOTOGRAPH - 1955

AEI

Aerial Photograph

1951

0 Feet 500 1000 2000

N

AERIAL PHOTOGRAPH - 1951

AEI

Aerial Photograph

1947

0 Feet 500 1000 2000

N

AERIAL PHOTOGRAPH - 1947

AEI

Aerial Photograph

1943

0 Feet 500 1000 2000

N

AERIAL PHOTOGRAPH - 1943

AEI

497755

200 Pine Creek Court

Greenville, SC 29605

Inquiry Number: 7756067.3

September 06, 2024

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

09/06/24

Site Name:	Client Name:
497755	AEI Consultants
200 Pine Creek Court	2500 Camino Diablo
Greenville, SC 29605	Walnut Creek, CA 94597
EDR Inquiry # 7756067.3	Contact: Lacee Elam

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by AEI Consultants were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

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Certified Sanborn Results:

Certification # 2EE5-44CD-B6AA

PO # 378758

Project 497755

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: 2EE5-44CD-B6AA

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- ✔ Library of Congress
- ✔ University Publications of America
- ✔ EDR Private Collection

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497755
200 Pine Creek Court
Greenville, SC 29605

Inquiry Number: 7756067.5
September 11, 2024

The EDR-City Directory Image Report

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available business directory data at approximately five year intervals.

RECORD SOURCES

The EDR City Directory Report accesses a variety of business directory sources, including Haines, InfoUSA, Polk, Cole, Bresser, and Stewart. Listings marked as EDR Digital Archive access Cole and InfoUSA records. The various directory sources enhance and complement each other to provide a more thorough and accurate report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	*Target Street*	*Cross Street*	*Source*
2020	☑	☑	EDR Digital Archive
2017	☑	☑	Cole Information
2014	☑	☑	Cole Information
2010	☑	☑	Cole Information
2005	☑	☑	Cole Information
2000	☑	☑	Cole Information
1995	☐	☑	Cole Information
1992	☐	☑	Cole Information
	☐	☑	EDR Digital Archive
1985	☑	☑	HILLS DIRECTORY CO.
1980	☑	☑	HILLS DIRECTORY CO.
1975	☑	☑	HILLS DIRECTORY CO.
1970	☐	☑	HILLS DIRECTORY CO.
1967	☐	☑	HILLS DIRECTORY CO.
1964	☐	☑	HILLS DIRECTORY CO.

FINDINGS

TARGET PROPERTY STREET

200 Pine Creek Court
Greenville, SC 29605

Year	*CD Image*	*Source*	
PINE CREEK COURT EXT			
2020	pg A4	EDR Digital Archive	
2017	pg A10	Cole Information	
2014	pg A17	Cole Information	
2010	pg A23	Cole Information	
2005	pg A30	Cole Information	
2000	pg A37	Cole Information	
PINE CREEK CT			
1985	pg A49	HILLS DIRECTORY CO.	
1980	pg A51	HILLS DIRECTORY CO.	
1975	pg A53	HILLS DIRECTORY CO.	
1970	-	HILLS DIRECTORY CO.	Target and Adjoining not listed in Source
1967	-	HILLS DIRECTORY CO.	Target and Adjoining not listed in Source
1964	-	HILLS DIRECTORY CO.	Target and Adjoining not listed in Source

FINDINGS

CROSS STREETS

Year	CD Image	Source	
COMMUNITY RD			
2020	pg. A1	EDR Digital Archive	
2017	pg. A7	Cole Information	
2014	pg. A14	Cole Information	
2010	pg. A20	Cole Information	
2005	pg. A27	Cole Information	
2000	pg. A34	Cole Information	
1995	pg. A40	Cole Information	
1992	-	EDR Digital Archive	Target and Adjoining not listed in Source
1985	-	HILLS DIRECTORY CO.	Street not listed in Source
1980	-	HILLS DIRECTORY CO.	Street not listed in Source
1975	-	HILLS DIRECTORY CO.	Street not listed in Source
1970	-	HILLS DIRECTORY CO.	Street not listed in Source
1967	-	HILLS DIRECTORY CO.	Street not listed in Source
1964	-	HILLS DIRECTORY CO.	Street not listed in Source
FRONTAGE RD			
2020	pg. A2	EDR Digital Archive	
2017	pg. A8	Cole Information	
2014	pg. A15	Cole Information	
2010	pg. A21	Cole Information	
2005	pg. A28	Cole Information	
2000	pg. A35	Cole Information	
1995	pg. A41	Cole Information	
1992	pg. A45	Cole Information	
1985	-	HILLS DIRECTORY CO.	Street not listed in Source
1980	-	HILLS DIRECTORY CO.	Street not listed in Source
1975	-	HILLS DIRECTORY CO.	Street not listed in Source
1970	-	HILLS DIRECTORY CO.	Street not listed in Source
1967	-	HILLS DIRECTORY CO.	Street not listed in Source

FINDINGS

Year	CD Image	Source	
1964	-	HILLS DIRECTORY CO.	Street not listed in Source

GLEN BURNIE ST

2020	pg. A3	EDR Digital Archive	
2017	pg. A9	Cole Information	
2014	pg. A16	Cole Information	
2010	pg. A22	Cole Information	
2005	pg. A29	Cole Information	
2000	pg. A36	Cole Information	
1995	pg. A42	Cole Information	
1992	-	EDR Digital Archive	Target and Adjoining not listed in Source
1985	-	HILLS DIRECTORY CO.	Street not listed in Source
1980	-	HILLS DIRECTORY CO.	Street not listed in Source
1975	-	HILLS DIRECTORY CO.	Street not listed in Source
1970	-	HILLS DIRECTORY CO.	Street not listed in Source
1967	-	HILLS DIRECTORY CO.	Street not listed in Source
1964	-	HILLS DIRECTORY CO.	Street not listed in Source

PINE CREEK COURT EXTENSION

1995	pg. A43	Cole Information
1992	pg. A46	Cole Information

PINE CREEK DR

2020	pg. A6	EDR Digital Archive
2017	pg. A13	Cole Information
2014	pg. A19	Cole Information
2010	pg. A26	Cole Information
2005	pg. A33	Cole Information
2000	pg. A39	Cole Information
1995	pg. A44	Cole Information
1992	pg. A48	Cole Information
1985	pg. A50	HILLS DIRECTORY CO.

FINDINGS

Year	***CD Image***	***Source***
1980	pg. A52	HILLS DIRECTORY CO.
1975	pg. A54	HILLS DIRECTORY CO.
1970	pg. A55	HILLS DIRECTORY CO.
1967	pg. A56	HILLS DIRECTORY CO.
1964	pg. A57	HILLS DIRECTORY CO.

City Directory Images

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

COMMUNITY RD 2020

90	EUGENE FISHER
	MAGGIE FISHER
96	COURTNEY DAVENPORT
98	KENYADA WILLIAMS
	MAE WILLIAMS
99	ABRAM BOYCE
	DORIE BOYCE
	ELAINE BOYCE
	TRAVIS BOYCE

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

FRONTAGE RD 2020

5735	BRENDA MOORE
	VAN MOORE
6414	PATRICK DRUMMOND
	THEMPSHEIA DRUMMOND
	TREVIS CURETON
6420	ANTHONY SWEENEY
	FELICIA NICHOLSON
	TAMMY ARMSTRONG
6424	BRENDA WEBB
	MONIQUE WEBB
	TAMEKA MILLER
6430	CARRIE WARE
	GILBERT WARE
6508	JEANIE JACKSON
	VICKIE WILSON
6510	STANLEY HENDERSON
6580	CAROLINA APPLIANCE CORP-GRNVLL
6624	CAROLINA APPLIANCE CORP
6630	NIKIA CRENSHAW
	SOUTHSIDE HIGH SCHOOL
6640	ESPECIALLY CHILDREN CHILD
6650	THOMAS E KERNS ELEMENTARY SCH
6755	BLANCHARD CATERPILLAR INC
	BLANCHARD POWER SYSTEMS

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

GLEN BURNIE ST 2020

21	CHRIS SMITH
	DEBORAH MCDONALD
	JESSICA JONES
	LOIS FREEMAN
	MARVIN DIRTON
	MISTY WILLIAMS
	NATASHA LIVINGSTON
	TOMEKA THOMAS

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

PINE CREEK COURT EXT 2020

172	DAVID AUGUSTA
174	CYNTHIA YOUNG
	EDWIN YOUNG
178	BRITTANY HAGOOD
182	JANICE EDENS
	RUSSELL EDENS
	SHARON EDENS
200	ANDREW MANIGAULT
	ANKEENA MOORE
	ANSILEE SMITH
	ANTANESHA HILL
	BOBBIE LEAKE
	BRITTANY ROSEMOND
	CARLIN BEASLEY
	CARLIS SANDERS
	CHAROLETE BEASLEY
	CHRISTIE KERR
	CLARICE SMALLS
	CYNTHIA MASSEY
	DEMARIO LEWIS
	DEMETRIUS GRIFFIN
	DEMETRIUS JACKSON
	DESTINY SWEENEY
	DOROTHY PARKS
	DORTRICE HILL
	ERIC BLASSINGAME
	ERICA CRAIG
	EVELYN WAKEFIELD
	FALANA BROWNLEE
	FATIAH GRIFFIN
	FRANCES WALKER
	FRANCINA THOMAS
	GENNIE CLEVELAND
	GLORIA MARTIN
	HATTIE LATTIMORE
	HERMAN ALEXANDER
	INDIA JONES
	JACQUETTE CARSON
	JANICE SHEPPARD
	JANICE SMALLS
	JENNIFE SULLIVAN
	JERMIKA GIPSON
	JOHNNIE LOGAN
	JOSEPH HAWKINS
	JULISA ERBY
	KAMIYA JOHNSON
	KANISHA MOON
	KEISHA WILSON
	KIERRA MARTIN
	KIM WILLIAMS

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

PINE CREEK COURT EXT 2020 (Cont'd)

200	LAKENYA SHANDS
	LAQUAN HARLEY
	LASTASHA MARTIN
	LAZRIQ WALKER
	LINDA BILLIE
	LORETTA GREEN
	MANEISHA WELLS
	MARCUS JOHNSON
	MARCUS LUCAS
	MARTHA JACKSON
	MARY BEASLY
	MARY PITTS
	MAZELL ATKINS
	MELVIN PORTER
	MICHELLE SMITH
	MICHELLE STRONG
	MONICA MORRIS
	MONIQUE FOSTER
	NATAUSHA BLAKELY
	OBBRIANA HARRIS
	POLLY JOHNSON
	QUANISSA SMITH
	QUINTON JOHNSON
	RICKEY CLEVELAND
	SALLY BROWN
	SALNIKA BEASLEY
	SANDRICKA GOSS
	SHAQUANA WARE
	SHARLA THOMPSON
	SHARON BRICE
	SHARON PORTER
	SHAYLA JACOBS
	SHIRLEY HILL
	STEPHANIE SULLIVAN
	TANESHA JONES
	TANZENKA BLAKELY
	TERA IRBY
	THOMAS HAGOOD
	TIKENA DRUMMOND
	TIKIEDRA RICE
	TYRON DIRTON
	VERNA YOUNG
	WILLIAM BROCKMAN
	YOLANDA HOLMES

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

PINE CREEK DR 2020

811	JAVORES BLAKELY
	JEREMY BLAKLEY
	JIMMY BLAKELY
	SANDRA BLAKELY
813	CHRISTOPHER ROE
	LORRAINE ROE
	SHANIECE BROADUS
	WILLIAM BROADUS
814	ALAN TOWNSELL
	COULBOURNE JALINE
	GLENDA COULBOURNE
	OLGA ANDERSON
	PAMELA TOWNSELL
	PETER WRIGHT
	SANDRA MCDANIEL
	SHAQUIRA COULBOURNE
815	EDITH JACKSON
816	LESLIE CHILES
817	LILLIE WESTFIELD
	MARVIN NEELY
818	BARBARA ROBINSON
819	GENEVIEVE BRANCH
820	JEVAR BOSTON
	TAMMY BOSTON
	TIERIKA KELLER
821	360 SPORTS TRAINER
823	KEITH THOMAS
824	EILEEN GLENN
825	DAISY BOOKER
	G LOUIE BOOKER
	GEORGE BOOKER

Target Street	Cross Street	Source
-	✓	Cole Information

COMMUNITY RD 2017

92	INGRAM, SEMONIQUE
96	SULLIVAN, BOBBY L
98	WILLIAMS, KEN
99	BOYCE, TRAVIS C

Target Street	Cross Street	Source
-	✓	Cole Information

FRONTAGE RD 2017

5707	SADLER, ELLA
5735	MOORE, CHARLES C
6414	CURETON, TREVIS
6420	ARMSTRONG, TAMMY
6424	WEBB, BRENDA
6508	WILSON, BILLY J
6580	CAROLINA APPLIANCE CORPORATION
6640	ESPECIALLY CHILDREN CHILD DEVELOPMEN
6755	BLANCHARD COMPACT EQUIPMENT
	BLANCHARD POWER SYSTEMS

Target Street	Cross Street	Source
-	✓	Cole Information

GLEN BURNIE ST 2017

21	BARKSDALE, TOMECKA
	BOYD, MISTY
	COX, PATRICIA A
	FIELDS, AKIMA A
	FREEMAN, LOIS Y
	HORAK, GRACE
	HOWARD, JAMES
	SIMPSON, KAYLA
	WILLIAMS, MARTHA
	WOODS, DANIELLE B

Target Street	Cross Street	Source
✓	-	Cole Information

PINE CREEK COURT EXT 2017

154	GREENE, LINDA
156	LEWERS, TIMATHIUS
160	MORGAN, LISA
162	FUNCHES, CRYSTAL R
164	GREEN, DEBORAH
166	RILEY, TENA
168	WADELINGTON, JAMES L
170	FLEMMINGS, JOSHUA A
172	AUGUSTA, DAVID
174	YOUNG, BILL
178	HAGOOD, BRITTANY
180	IRBY, REGINALD
182	EDENS, RUSSELL
200	ARLEDGE, TERESA A
	BEASLEY, HERMAN
	BEASLEY, MOSELLA
	BEASLEY, SALNIKA D
	BENSON, KENDRICK
	BIAS, KAYLA
	BILLIE, RAYFORD
	BLACK, COREY D
	BLASSINGAME, ERIC R
	BOYCE, JAMES
	BRICE, SHARON R
	BUTLER, MINEISHA
	CARSON, ANDREW E
	CHAPPLE, JASMINE P
	CHORCE, SHICORA
	CLEVELAND, RICKY B
	COOPER, SHEQUALIA N
	CORJIA, DARNELL
	CRAWFORD, MAGGIE
	DALTON, OTHELLA
	DIRTON, TYRON
	DOGAN, C
	DOGAN, JASMINE M
	DUPREE, RAY
	ERBY, JULISA
	FIELDS, MONIQUE
	GAINES, EIJAH
	GAMBRELL, ANDRE
	GARLAND, JOHNNIE
	GARRISON, SHENELA
	GIPSON, MICHEAL
	GOSSETT, DENISE D
	GRIFFIN, FATIAH N
	HAGOOD, THOMAS
	HALL, CARISA
	HARDY, MARTEZE
	HARRIS, LEONTE

Target Street	Cross Street	Source
✓	-	Cole Information

PINE CREEK COURT EXT 2017 (Cont'd)

200	HIGHLAND SQUARE II
	HOUSTON, DEVON
	IRBY, CHAUNSEL E
	JACKSON, JAMAL
	JACKSON, VICTORIA A
	JACOBS, SHAYLA
	JENKINS, TREVON
	JOHNSON, KAMIYA
	JOHNSON, NICOLE
	JOHNSON, POLLY R
	JONES, RASHUN
	KENNEDY, BETRICA
	KENNEDY, TANGELA
	KINARD, IVY
	LEAKE, BOBBY G
	LINDSEY, MAGGIE
	LOGAN, BROOK
	LOGAN, JOE
	MARTIN, GLORIA
	MASON, BERNARD
	MASSEY, CYNTHIA
	MASSEY, HENRY
	MASSEY, TAQUITA
	MEANS, MIRIAM
	MORRIS, MONICA S
	NESMITH, JOSEPH
	OWENS, MARIE A
	OWENS, PATRICIA
	PARKS, APRIL J
	PAT, WEST
	PAUL, STEVE
	PERKINS, BEVERLY
	PERKINS, PAULA H
	PITTS, MARY A
	POLK, CLIFTON
	POWERS, ANNETTE
	RAINES, NYDIA
	RICHARDSON, RHODESIA
	RIVERS, LAMARK
	ROBINDS, MARISSA
	SCOTT, BRITNEY
	SCOTT, WHITNEY
	SEWELL, TYKEYAH
	SHEPPARD, JANICE M
	SHEPPARD, RENADA
	SIMMONS, KASIA
	SIMS, OCTAVIA
	SMALL, KELLY
	SMITH, ANSILEE J
	SMITH, LILLIAN

Target Street	Cross Street	Source
✓	-	Cole Information

PINE CREEK COURT EXT 2017 (Cont'd)

200	SMITH, RICHARD L
	SPANN, TANYA
	SPURGEON, SHARONE
	STOLL, NICHOLE
	SULLIVAN, ALVIN
	SULLIVAN, ANTONIO
	SULLIVAN, SAM
	SWEENEY, KEISHA
	THOMAS, MARKIA
	THOMAS, SPENCER
	THOMPSON, SHARLA D
	TIMBERLAND, SENECA
	TURNER, JESSICA
	VENSON, DAWN
	WARD, JASMINE
	WARE, SHAQUANA T
	WELLS, MANEISHA
	WILLIAMS, CHRISTOPHER
	WILLIAMS, JAY
	WILLIAMS, LAKISHA M
	WILLIAMS, MONICA

Target Street	Cross Street	Source
-	✓	Cole Information

PINE CREEK DR 2017

801	GREENE, JOHN
802	SULLIVAN, MELVIN N
804	WILLIAMS, FREDDIE C
805	PYLES, JOHN E
806	DEMATTOS, JAMES T
808	MYERS, STEPHANIE C
809	PUCKETT, MARY L
810	BRYANT, YOLANDA V
811	BLAKLEY, JIMMY W
813	ROE, CHRISTOPHER T
814	TOWNSELL, ALAN K
815	JACKSON, EDITH P
816	CHILES, PAMELA A
817	WESTFIELD, LILLIE J
818	ROBINSON, HOPE
819	BRANCH, LEROY S
821	WRIGHT, JANET M
822	ARCHER, ROBERT E
823	THOMAS, JIMMY R
824	HOLLIDAY, TRISTAN T
825	BOOKER, GEORGE L

Target Street	Cross Street	Source
-	✓	Cole Information

COMMUNITY RD 2014

90	HAMPTON, LASHONE
92	INGRAM, SEMONIQUE
96	SULLIVAN, BOBBY L
98	WILLIAMS, GORDON E
99	BOYCE, TRAVIS C

Target Street	Cross Street	Source
-	✓	Cole Information

FRONTAGE RD 2014

5707	CAMBELL, HAROLD
5735	MOORE, VAN C
6414	DRUMMOND, PATRICK D
6420	SWEENEY, CHARLES
6424	WEBB, BRENDA
6506	WILSON, BILLY J
6508	JACKSON, JEANIE
6510	OCCUPANT UNKNOWN,
6580	CAROLINA APPLIANCE CORPORATION
6640	ESPECIALLY CHILDREN CHILD DEVELOPMEN
6755	BLANCHARD COMPACT EQUIPMENT
	BLANCHARD POWER SYSTEMS
	BLANCHARD RENTALS
	JONES TRACTOR COMPANY INC

Target Street	Cross Street	Source
-	✓	Cole Information

GLEN BURNIE ST 2014

21 BARKSDALE, TOMECKA
BEASLEY, WARREN
BOWENS, VICKIE C
CAMERON, JAWANZA
COX, PATRICIA A
FRANKS, LADAIR B
FREEMAN, LOIS Y
HOWARD, JAMES
MCDONALD, DANA L
MCGOWAN, HENRY
MINGO, DANYELLE
WALTON, TWANA M
WILLIAMS, DESEREE

Target Street	Cross Street	Source
✓	-	Cole Information

PINE CREEK COURT EXT 2014

154	GREENE, LINDA
156	LEWERS, TIMATHIUS
158	JOHNSON, JANE
160	SMITH, ROCHELLE
162	FUNCHES, CRYSTAL R
164	WHITE, DAKELIA
166	RILEY, CIERRA
168	WADELINGTON, JAMES L
170	OCCUPANT UNKNOWN,
172	LOGAN, HOWARD L
174	YOUNG, BILL
178	OWENS, ANNETTE
180	FULLER, EVELYN
182	EDENS, RUSELL
200	ANDERSON, DEVENTA
	ARNETT, SONDRA
	BEASLEY, CHAROLETE
	BEASLEY, MOSELLA
	BERARDINELLI, SANDRA K
	BILLIE, LINDA R
	BLAKELY, LORENE J
	BLASSINGAME, ERIC R
	BOSTON, ANTHONY
	BOYCE, JAMES
	BRICE, SHARON R
	BROWN, EMELY
	CAMPBELL, SHANTERIA
	CARSON, MARTHA A
	CHANCELLOR, NANCY A
	CHAPPLE, JASMINE P
	CHOICE, DANNY E
	CLEVELAND, JENNIE S
	CROCKETT, BRITTNEY
	DAWKINS, SUMMER L
	DAWSON, TANIKA
	DOGAN, C
	DOTSON, SANDOREA D
	DUPREE, RAY
	FANT, YASMINE
	GAMBRELL, SHARONDA
	GARRISON, SHENELA
	GERMAN, DANIEL
	GOLDEN, EMMANUEL
	GRAYSON, CASSONDRA
	HAMPTON, BOBBY
	HELLAMS, TORI
	HERMAN, ALEXANDER
	HIGHLAND SQUARE II
	HILL, ANTANESHA
	IRBY, CHAUNSEL E

Target Street	Cross Street	Source
✓	-	Cole Information

PINE CREEK COURT EXT 2014 (Cont'd)

200	JAMISON, TONY
	JOHNSON, POLLY A
	JONES, ELEX
	KEATON, SHANEKEA
	LABOONE, SHAYLA
	LEE, BOBBY
	LONDON, NICOLE
	MANIGAULT, ANDREW
	MARTIN, DANIEL
	MASON, BERNARD
	MASSEY, HENRY
	MCALLISTER, NATASHA
	MCDOWELL, RANDALL E
	MILLER, DAWOONE
	MILLER, JW
	MORRIS, MONICA
	OGLESBY, BRANDI X
	OWENS, MARIE A
	OWENS, PATRICIA
	PARKS, APRIL J
	PATTON, RUTH
	PERKINS, PAULA H
	PITTS, MARY A
	POWER, ANNETTE
	RICE, WILLIE F
	ROLLISON, IAN T
	ROSE, JOANN
	ROSEMOND, CRAIG D
	SANDERS, BRIDGETTE L
	SANDERS, CARLIS M
	SHEPPARD, JANICE M
	SMALLS, JANICE
	SMITH, ANSILEE J
	SMITH, MICHELLE
	SPANN, JAZZMEANE
	SULLIVAN, MIKAYLA
	THOMPSON, JOHNIKA
	THOMPSON, SHACONNA
	WAKEFIELD, EVELYN L
	WHEELER, LATOYA
	WHITNER, GALNORA
	WILLIAMS, GERRY
	WILLIAMS, MONICA
	YOUNG, KIMBERLY R

Target Street	Cross Street	Source
-	✓	Cole Information

PINE CREEK DR 2014

811	BLAKLEY, JIMMY W
813	BROADUS, WILLIAM T
814	TOWNSELL, ALAN
815	JACKSON, EDITH P
816	CHILES, PAMELA A
817	WESTFIELD, LILLIE J
818	ROBINSON, HOPE
819	BRANCH, LEROY S
820	OCCUPANT UNKNOWN,
821	WRIGHT, JANET M
822	ARCHER, ROBERT E
823	THOMAS, JIMMY R
824	GLENN, EILEEN
825	BOOKER, GEORGE L

Target Street	Cross Street	Source
-	✓	Cole Information

COMMUNITY RD 2010

90	FISHER, MAGGIE A
98	WILLIAMS, MARGAR
99	BOYCE, TRAVIS C

Target Street	Cross Street	Source
-	✓	Cole Information

FRONTAGE RD 2010

5707	CAMPBELL, ADMON
5735	MOORE, VAN C
6414	DRUMMOND, PATRICK D
6420	SWEENEY, LAJUANA I
6424	MILLER, TAMEKA
6506	WILSON, BILLY J
6508	JACKSON, JEANIE
6510	HENDERSON, STANLEY
6624	CAROLINA APPLIANCE CORP
6630	SOUTHSIDE HIGH SCHOOL
6650	SUITT CONSTRUCTION CO
	THOMAS E KERNS ELEMENTARY SCHL
6755	BLANCHARD CATERPILLAR INC
	BLANCHARD COMPACT EQUIPMENT
	BLANCHARD MACHINERY CO
	BLANCHARD POWER SYSTEMS

Target Street	Cross Street	Source
-	✓	Cole Information

GLEN BURNIE ST 2010

21	BOWENS, VICKIE
	DENNIS, ANNIE J
	EDENS, ERICKA M
	FREEMAN, LOUIS
	JOHNSON, ALFRED L
	JONES, RUBY
	MANSELL, J
	MARONIE, OCTAVIA
	PALMER, AVERY

Target Street	Cross Street	Source
✓	-	Cole Information

PINE CREEK COURT EXT 2010

154	GREENE, LISA M
156	MCCLINTON, JERMINCIA
158	JOHNSON, S J
160	BROCKMAN, MADONNA
162	GREENE, RHONDA E
164	MCMAHAN, PATRICE L
166	CLEVELAND, BRIDGETTE M
168	WADELINGTON, JAMES L
174	YOUNG, EDWIN M
178	RUFFIN, PATRICIA A
180	FULLER, EVELYN
182	EDENS, JANICE
200	ALEXANDER, HERMAN
	ALLEN, TOPEKA L
	BACKHAM, CAROLUS
	BAILEY, ESTER L
	BARBAR, JOSLYN L
	BARTON, BRENDA G
	BEASLEY, KALONDA
	BEASLEY, MARY
	BENTLEY, EVORA S
	BERARDINELLI, SANDRA K
	BLAKELY, LORENE J
	BLAKLEY, NATAUSHA T
	BOZEMAN, LEROY B
	BRADHAM, BRENDA R
	BRICE, KAREEM L
	BRIGHT, BETSEY
	BURNS, BRIAN J
	CARLSON, MARTHA
	CARSON, MARTHA S
	CHANDLER, GERALD
	CHOICE, JOE J
	CLEVELAND, JENNI S
	COBB, SHERRY
	CRUELL, EVELYN K
	DAVIS, BESSIE M
	DIXON, MARK L
	DMJ ENTERTAINMENT
	DOGAN, C
	DOTSON, JAMES
	EVANS, CANGUNICA C
	FLEMING, LACEY
	GIPSON, PAUL
	GLENN, CHRISTY
	GLOVER, KISHA
	GLOVER, SHUNKISHA
	GONZALEZ, GERARDO
	GORDON, TANJANIKA T
	GRIFFIN, LADELL

Target Street	Cross Street	Source
✓	-	Cole Information

PINE CREEK COURT EXT 2010 (Cont'd)

200	HAGOOD, LASHAWN
	HARRIS, RASHIKA
	HENDERSON, DOROTHY
	HENRY, CHERRISH
	HIGHLAND SQUARE II
	HILL, PATRICIA R
	HUMPHREYS, GENEVA
	IRBY, CHAUNSEL E
	JACKSON, KIMBERLY
	JOHNSON, POLLY A
	JONES, INDIA
	JONES, SHUNDRIA
	KANE, SAMANTHA
	KEATON, SHANEKEA
	LEAKE, BOBBY G
	LOGAN, CHRISTINE
	LONDON, NATORIUS
	LONE, CHKSKESI
	MADDOX, GERIKA
	MANIGAULT, ANDREW
	MARTIN, EILEEN
	MASON, BERNARD
	MCCLAIN, WINONA B
	MCDOWELL, RANDALL
	MCGOWAN, LAKISHA
	MCGOWEN, KEYASIA
	MOORE, ANKEENA
	MOORE, MELISSA R
	MORRIS, MONICA S
	PARKS, DOROTHY A
	PETERS, LAURA M
	PHILLIPS, BRITTANY
	POWERS, ANNETTE
	PRICE, FELICIA
	PYLES, ELLA A
	RICHARDSON, TANGA G
	ROBERSON, ANNA
	ROBINSON, JARVIS
	SANDERS, DIANE
	SCOTT, ERICA
	SHELL, TRAVIS
	SMALLS, JANICE
	SMITH, ANTRINA N
	SMITH, TENESHIA
	STARKS, SONNI S
	STRONG, MICHELLE
	THARRINGTON, CLARINDA
	THOMAS, FRANCINE
	THOMPSON, SHACONNA
	THOMPSON, SHARLA D

Target Street	Cross Street	Source
✓	-	Cole Information

PINE CREEK COURT EXT 2010 (Cont'd)

200	TRIKS, CHANCEY
	TURNER, LARRIA
	UNDERWOOD, KERRI B
	WAKEFIELD, EVELYN L
	WALKER, BERNARD R
	WALKER, FRANCIS
	WHITNER, MARTHA S
	WILLIAMS, LARRY D
	WILLIAMS, SAUNDRA M
	WILSON, DEYOA
	WILSON, KEISHA
	YOUNG, MARIE

Target Street	Cross Street	Source
-	✓	Cole Information

PINE CREEK DR 2010

810	EDWARDS, JUSTINE
813	BROADUS, CHRISTI H
815	JACKSON, EDITH P
816	CHILES, ROBERT L
817	WESTFIELD, LILLIE J
818	ROBINSON, CHARLES G
819	BRANCH, LEROY S
820	COBB, ERIC
821	360 SPORTS TRAINER
	WRIGHT, CORA
822	ARCHER, ROBERT E
823	THOMAS, JOHNNIE R
824	LOWE, MOLLIE B
825	BOOKER, GEORGE L
826	OAKES, JACQUELYN V
827	CUNNINGHAM, BENNIE L
828	BONAPARTE, JIMMY E
829	VAUGHN, LILLA H
831	CANTY, BRISON
833	SHUMATE, MARGARET D

Target Street	Cross Street	Source
-	✓	Cole Information

COMMUNITY RD 2005

90	FISHER, EUGENE
92	WILLIAMS, SAM
96	CLARK, JESSE T
98	WILLIAMS, KENYADA R
99	BOYCE, TRAVIS C

Target Street	Cross Street	Source
-	✓	Cole Information

FRONTAGE RD 2005

6414	DRUMMONDS, PATRICK D
6420	SWEENEY, LAJUANA I
6424	WEBB, BRENDA
6506	WILSON, BILLY J
6510	HENDERSON, JOE
6640	EMANUEL, PETER J
6755	BLANCHARD COMPACT EQUIPMENT
	BLANCHARD POWER SYSTEMS
	BLANCHARD RENTALS

Target Street	Cross Street	Source
-	✓	Cole Information

GLEN BURNIE ST 2005

21 ARNOLD, A
CLEVELAND, DANNIKA
COX, PATRICIA A
CROCKETT, JOHN L
EDENS, ERICKA
FLINT, TRACEY
FREEMAN, LOIS
GAMBRELL, APRIL
JOHNSON, ALFRED
KING, ROBERT L
MANSELL, J
MCDONALD, DANA L
MCDUFFIE, VINCENT W
OSBY, CLARISSA
ROUT, CRYSTAL
SMITH, LOLA L
WATKINS, ANTONEY E
WHALEY, LODEMIA G
YERGIN, BRANDI

Target Street	Cross Street	Source
✓	-	Cole Information

PINE CREEK COURT EXT 2005

152	CLAY, PERRIANA S
158	JOHNSON, S J
160	BROCKMAN, MADONNA
162	GULED, TERESSA
164	WHITESIDE, DEAN D
166	NWANTAMA, GEORGE
168	WADELINGTON, JAMES L
174	YOUNG, EDWIN
176	JOHNSON, NATALIE
178	RUFFIN, PATRICIA A
182	SMITH, DEBORAH A
200	ABBERCROMBIE, DESMOND
	ABERCROMBIE, GLINDA
	ABERCROMBIE, LOIS
	ALLEN, TOPEKA L
	ARCHIE, LAVONDA
	BAILEY, ESTER
	BANKS, STEPHANIE R
	BARTON, BRENDA G
	BERARDINELLI, SANDRA K
	BLACK, DEBORAH
	BLAKELY, STEVE
	BOYCE, JAMES
	BRICE, KAREEM L
	BRIM, DENISE
	BROCKMAN, NATALIE N
	BROWNLEE, FALANA T
	BRUSTER, YOLANDA N
	BRYANT, JAMAAL
	BRYSON, TORA
	BURNS, BRIAN J
	BUTLER, ODESSA
	CANNON, EBONY
	CARSON, ANDREW E
	CHILES, DARYL A
	CHOICE, STEPHANIE
	CLEVELAND, VIRGINIA D
	CLINKSCALES, PAUL L
	COBB, SHERRY
	CRAIG, ERICA
	CROUCH, S
	CRUELL, EVELYN
	CUNNINGHAM, M
	DAVIS, BESSIE
	DAWSON, TIA
	DENBY, DELANA
	DIXON, MARK L
	DOGAN, JOVAY
	DOWNS, STANLEY E
	DURHAM, MICHELLE

Target Street	Cross Street	Source
✓	-	Cole Information

PINE CREEK COURT EXT 2005 (Cont'd)

200	EVANS, CANGUNICA C
	GAMBELL, CHANVITA
	GAMBLE, CONNIE E
	GAMBLE, K
	GAMBREAL, APRIL
	GAMBRELL, KATHY L
	GARRISON, A
	GILLIAM, REGINA M
	GLENN, ALMA
	GLOVER, KISHA
	GODFREY, O
	GOLDEN, ANEDRA
	GOSS, EARL J
	HAILSTOCK, PATRICE
	HAMPTON, PHYLLIS
	HARRIS, MELODY
	HARRISON, RACHEL
	HENDERSON, SHAKAYA
	HEYWARD, HORRINITA
	HICKS, D
	HIGHLAND SQUARE II
	HILL, PATRICIA
	HOWARD, WILLIAM
	HUGHES, RITA
	IRBY, TERA
	JAMISON, KAMRY
	JENKINS, GLENN
	JENKINS, REBECCA
	JOHNSON, POLLY A
	JOHNSON, SSHEENA
	JONES, MARY
	JONES, YOLANDA
	KERR, MYRAH C
	KERR, SANDRA H
	KILGORE, BESSIE
	LEAKE, BOBBY G
	LEE, ARLENE K
	LEVESTON, D
	LOVE, LAGEANA B
	MARQUEZ, JOSE
	MARTIN, LAVONDA T
	MASON, MAMIE H
	MCCUEN, CRYSTAL
	MILES, STACEY
	MILLER, KATHY
	MOORE, SHARWARD
	MURRY, TYRRA
	NANCE, LAVONDA
	NESMITH, MARIE
	NJOKU, AUGUSTINE

Target Street	Cross Street	Source
✓	-	Cole Information

PINE CREEK COURT EXT 2005 (Cont'd)

200	OBIOSAUGWU, NGOZI C
	OGLESBY, TERRY
	PADEN, ANGELA N
	PARKS, DOROTHY
	PERALTA, MARY O
	PERKINS, CEDRIC
	PETERS, LAURA M
	PITTS, NANNIE
	POOLE, SABRINA
	PRESSLEY, J A
	ROGERS, NATALIE
	ROSE, LOLA S
	RUCKER, LAKINZA
	SANDERS, DIANE
	SCOTT, DORA
	SIMMONS, TEKELA
	SIMS, TINNETTA
	SMITH, TEMARCUS
	SMITH, THERESA N
	SPANN, TANYA
	STARR, KIMBERELY
	SUBER, PAMELA
	SULLIVAN, KELLY L
	SULLIVAN, LAKEESHA D
	THOMAS, RONALD
	TOLBERT, JACQUELINE
	TRIBBETT, SHELBY
	UNDERWOOD, CURTIS
	VANCE, TONYA
	WAKEFIELD, TELEISHA
	WALKER, TENISHA
	WATERS, P
	WESTFIELD, BEN
	WHARTON, JOSEPHINE
	WHITNER, MARTHA
	WILLIAMS, JIMEIKA
	WILSON, KEISHA
	WINSTON, ROBERT G
	YEARGIN, PAULINE E
	YOUNG, KRISTEN

Target Street	Cross Street	Source
-	✓	Cole Information

PINE CREEK DR 2005

809	PUCKETT, MARY S
811	BLAKELY, JIMMY W
813	BROADUS, CHRISTI H
814	MCDANIEL, SNDRA L
815	JACKSON, EDITH P
816	BROWN, DORIS E
817	WESTFIELD, LILLIE J
818	ROBINSON, CHARLES
819	BRANCH, GENEVIEVE B
820	BEASLEY, MARY
821	ATKINS, LEROY
822	ARCHER, ROBERT E
823	THOMAS, JOHNNIE R
824	LOWE, MOLLIE B
825	BOOKER, GEORGE L
826	OAKES, JACQUELYN V
827	CUNNINGHAM, HARRIET A
828	BONAPARTE, JIMMY E

Target Street	Cross Street	Source
-	✓	Cole Information

COMMUNITY RD 2000

90	FISHER, MAGGIE A
92	WILLIAMS, SAM
96	CLARK, C H
99	BOYCE, DORIE N

Target Street	Cross Street	Source
-	✓	Cole Information

FRONTAGE RD 2000

400 EMANUEL, PETER J

Target Street	Cross Street	Source
-	✓	Cole Information

GLEN BURNIE ST 2000

21	FLINT, TRACEY LAWRENCE, ANTONIO MCGHEE, RANDAL R WHALEY, LODEMIA G

Target Street	Cross Street	Source
✓	-	Cole Information

PINE CREEK COURT EXT 2000

152	HOUSTON, ROBERT
158	JOHNSON, S J
160	BROCKMAN, K
164	WRIGHT, CORA
166	POUGH, CASSIE M
168	WADELINGTON, JAMES
170	FREEMAN, LOIS
174	YOUNG, EDWIN
180	KEMP, GERALD
200	AIRLINE, INEZ
	ALLEN, TOPEKA
	BLAKELY, TERRY L
	BOYD, LARRY
	BOZEMAN, LEROY
	BURNSIDE, ANGELA
	BYRD, KEVA
	CHANDLER, NANCY L
	CLEVELAND, TONYA
	COPELAND, M
	CROUCH, HASINA
	CURETON, SHERIKA
	DEAN, HAROLD
	FRANKS, DIANE
	GAMBLE, SHIRLEY M
	GLENN, ALMA
	GLENN, S
	GOLDEN, N
	GOLDSMITH, MARY
	GORDON, P
	GOSS, EARL J
	GOWENS, BERNICE
	GRANT, DEE
	GRAYSON, R
	HIGHLAND SQUARE II
	HUNTER, V
	JENKINS, MILDRED C
	JOHNSON, BETTY
	JONES, EFFIE M
	JONES, MARY S
	KELLY, O J
	KILGORE, M C
	LANTEON, S
	LEAKE, BOBBY
	LEE, ALISHA
	MADDEN, TORIA T
	MANIGAULT, ANDREW
	MANSELL, JUNE A
	MARTIN, SHIRLEY
	MAYES, KIESHA V
	MILES, STACEY

Target Street	Cross Street	Source
✓	-	Cole Information

PINE CREEK COURT EXT 2000 (Cont'd)

200	MORTON, YOLANDA E
	PARKS, DOROTHY
	PATTON, TIFFANY
	PEPPER, JOHN
	PERRY, JOEANNE
	PETERS, LAURA
	PHATKAT, E
	SANDERS, CARLIS
	SCOTT, VANESSA
	SHARPERSON, DAKWSHA
	SPEAKS, ANGEL
	STEWART, APRIL
	SULLIVAN, NONA
	SULLIVAN, TAWANA
	TAYLOR, REGINA
	TAYLOR, TANIKA
	TAYLOR, VIKI
	THOMPSON, ODESSA
	WALKER, TIFFANY
	WELCH, ALLISON
	WHARTON, J
	WILSON, F M
	WILSON, KEISHA
	WILSON, MELISSA L
	WINSTON, ROBERT G
	WRIGHT, K S

Target Street	Cross Street	Source
-	✓	Cole Information

PINE CREEK DR 2000

801	THOMASON, L C
802	SULLIVAN, MELVIN
804	MATHIS, DONNA
805	PYLES, JOHN E
806	BUTLER, R W
808	SHERLINEE, LUIS
809	PUCKETT, MARY S
810	BERNI, LEO
811	BLAKELY, JIMMY W
814	SMITH, HORACE
815	JACKSON, EDITH P
819	BRANCH, L S
820	PRATHIPASEN, N
821	BRUCE, COY T
822	ARCHER, ROBERT E
823	CALHOUN, FRANK L
824	LOWE, M B
825	BOOKER, GEORGE L
826	OAKES, J V
827	CUNNINGHAM, HARRIET A
828	GARRETT, DENISE
829	VAUGHN, ESSIE

Target Street	Cross Street	Source
-	✓	Cole Information

COMMUNITY RD 1995

98 WILLIAMS, DEWITT

Target Street	Cross Street	Source
-	✓	Cole Information

FRONTAGE RD 1995

78	ENGLISH HERITAGE ANTIQUES
154	MCKINNEY, OLIVER C
206	HENDERSON, JOE
340	LOYAL ORDER OF MOOSE
400	EMANUEL, PETER J

Target Street	Cross Street	Source
-	✓	Cole Information

GLEN BURNIE ST 1995

21	CLEVELAND, B
	MCGHEE, JOAN
	MORTON, YOLANDA
	SETTLES, HERBERT
	WILLIAMS, MICHELL H

Target Street	Cross Street	Source
-	✓	Cole Information

PINE CREEK COURT EXTENSION 1995

200 HIGHLAND SQUARE II

Target Street	Cross Street	Source
-	✓	Cole Information

PINE CREEK DR 1995

801	THOMASON, L C
802	SULLIVAN, MELVIN
803	ROBINSON, DOROTHY M
804	OCCUPANT UNKNOWNN
805	OCCUPANT UNKNOWNN
806	BUTLER, ROBERT W
808	SHERLINEE, LUIS E
809	PUCKETT, MARY S
810	BERNI, LEO
811	BLAKELY, JIMMY W
813	BROADUS, WILLIAM
814	SMITH, HORACE
815	OCCUPANT UNKNOWNN
816	BROWN, DORIS R
817	OCCUPANT UNKNOWNN
820	OCCUPANT UNKNOWNN
821	BRUCE, COY T
822	ARCHER, ROBERT E JR
823	OCCUPANT UNKNOWNN
824	JOHNSON, ARTHUR L
825	BOOKER, GEORGE L
826	OAKES, J V
827	CUNNINGHAM, HARRIET A
828	WOODS, JOHN W JR

Target Street	Cross Street	Source
-	✓	Cole Information

FRONTAGE RD 1992

304	PEPPER, ROBERT
340	LOYAL ORDER OF THE MOOSE LODGE 749
400	EMANUEL, PETER J

Target Street	Cross Street	Source
-	✓	Cole Information

PINE CREEK COURT EXTENSION 1992

98	WARE, RUTH J
111	SHEARY, KATHRYN
200	ADEOSO, A
	ANDERSON, CURTIS
	ANDERSON, F
	ASHMORE, PAUL J
	BALLARD, B N
	BLASSINGAME, GALE
	BOWLING, P
	BREWSTER, S
	BROWN, DENISE
	BYERS, RON
	CAMPBELL, RUTH
	CHANDLER, NANCY L
	CHEATHAM, ARTHUR JR
	CHISOLM, TNELLE
	CLARK, LOUISE
	CLEVELAND, ALVA C
	CLEVELAND, JENNIE
	COLLINS, ELIZEA
	COOK, JEROME
	DAVENPORT, JIMMY
	DEAN, HAROLD
	DRINKARD, C A
	EPPS, L J
	FOSTER, VIVIAN
	FRANKLIN, EPHRAUM
	GAMBLE, CONNIE
	GAMBRELL, DETRICK
	GIST, LISA
	GOLDSMITH, CROMER
	GOODWIN, MALCOM
	GREEN, J W
	GREER, WILLIE M
	GRIGGS, LOUISE
	HADDEN, F
	HADDEN, ROBBIN
	HARPER, M
	HARRIS, WILLIE
	HENDERSON, CORA
	HIGHLAND SQUARE II
	HOUSE, P L
	JOHNSON, E J
	JOHNSON, S J
	JONES, DORIS
	JONES, EFFIE M
	JONES, MARY S
	KILGORE, MARY T
	LAKE, B J
	LATIMORE, J

Target Street	Cross Street	Source
-	✓	Cole Information

PINE CREEK COURT EXTENSION 1992 (Cont'd)

200	LEDFORD, WILLIE
	LOCKEE, DAVID R
	MADDEN, TORIA T
	MANSELL, JUNE A
	MARTIN, JIMMY
	MOORE, ELISE
	MOSES, J
	NASH, ANN
	NEAL, LINDA J
	ODELL, DOROTHY
	PARKER, JAROSA
	PARKS, BRENDA
	PATTERSON, JO A
	PAYNE, BEVERLY
	PENDERGRASS, DERRICK
	PERRY, JOEANNE
	PETERS, LAURA
	PICKENS, ZION V
	POLLARD, B J
	POWELL, W K
	PRUITT, ELAINE
	RILEY, E R
	ROSS, DEBORAH
	SETTLEMYER, JANET K
	SMITH, CONNIE
	SMITH, I
	SMITH, J T
	SOBOWALE, FEMI
	SPURGEON, R A
	SPURGEON, SYLVIA
	SULLIVAN, DALE
	THOMAS, GEORGE
	THOMAS, J
	THOMASON, J
	VIGIL, LORRIE
	VOYLES, BRANDI
	WHARTON, J
	WHITE, QUINCY
	WHITE, WILLIAM
	WILBURN, HENRY W
	WILLIAMS, ANNIE V
	WILLIAMS, LYNDA
	WILLIAMS, P A
	WILLIAMS, RONALD
	WILLIAMS, YOLANDA
	WILSON, F M
	WILSON, PERRY
	WRIGHT, LILLIE J
	ZURCHER JOHN ASSOCS

Target Street	Cross Street	Source
-	✓	Cole Information

PINE CREEK DR 1992

801	THOMASON, L C
808	REINHARDT, TERE A
	SHERLINEE, LUIS E
809	PUCKETT, MARY S
810	BERNI, LEO
813	BROADUS, WILLIAM
814	SMITH, HORACE
820	DEVLIN, TAMIKA
821	BRUCE, COY T
822	ARCHER, ROBERT E JR
823	CALHOUN, FRANK L
824	JOHNSON, ARTHUR L
825	BOOKER, GEORGE L

Target Street	Cross Street	Source
✓	-	HILLS DIRECTORY CO.

PINE CREEK CT 1985

115★Hawkins J Harold ◎
116 Bremner Philip W Jr ◎ 277-5049
117★Elkins Bob
118 Smallwood Cindy M Mrs 277-3038
119 Martin Eug G ◎
120 Ballard Cath A 277-1528
121 Vacant
122 Vacant
123 Vacant
124 Lafferty Robt F ◎
125 Evans Chas T ◎ 277-5486
126 Wilburn Henry W Jr ◎ 277-7912
127 Vacant
200 Highland Square II Apartments 277-4467
Wilson J Carol Mrs

Target Street	Cross Street	Source
-	✓	HILLS DIRECTORY CO.

PINE CREEK DR 1985

801 Barrett Charles M ◎ 277-2753
802 Sullivan Melvin ◎ 277-3786
803 Reece Walter C ◎ 277-3069
804 Ostendorff Brent S ◎ 277-0897
805 No Return
MARLBORO DR BEGINS
806 Butler Robt W ◎ 277-7060
808 Brown R Lee ◎ 277-3312
809 Puckett Mary S Mrs ◎ 277-3937
810 Berni Leo A ◎ 277-1306
811 Vacant
813 Porter Edw E Jr ◎ 277-4425
814 Smith Horace ◎ 299-1074
815 Jackson Edith P ◎
816 Brown Toy Jr ◎
817 Carter Lucy B Mrs 277-2759
818 Wilcox Brenda ◎ 277-7305
819 Byrne James P Jr ◎ 277-2363
820 Rundstedt Gerd ◎ 299-0685
821 Bruce Coy T ◎ 277-3311
822 Archer Robt E Jr ◎ 277-5180
823 Calhoun Frank ◎ 277-5259
824 Johnson Arthur L ◎ 277-2666
825 Greene Daisy C Mrs ◎ 299-0094
826 Oakes Jacqueline V Mrs ◎
827 Gordon Sara S Mrs ◎ 299-0060
828 Woods John W Jr ◎ 277-9769
829 Vaughn E Inman ◎ 277-0653
831 King Richd L Jr ◎ 277-3727
833 Shumate John E Jr ◎ 277-3326
834 Goodwill Edw J ◎ 277-0369
835 Dunlap Thos M ◎ 277-1666
836 Rogers Charles C ◎ 277-1355
837 Thompson Rodney C ◎ 277-4708
838★Richardson Stanley 277-5339
839 Waddell Ruben ◎ 277-6427
840 Townsend James L ◎ 277-3670
841 Mc Daniel Charles E ◎ 277-5091
842 Moses John J ◎ 277-9122
843★Blassingame Frances Mrs ◎
844 De Coteau Cecil G ◎ 277-8623
845 Morris Allen B ◎ 277-4252
846 Hayes Robt M Jr ◎ 299-0273
847 Cummings Maceo C Jr ◎ 277-0736
848 Smith Earl F ◎ 277-7461

Target Street	Cross Street	Source
✓	-	HILLS DIRECTORY CO.

PINE CREEK CT 1980

111 Ray D F ◎ 299-0014
112 Sloan Gerald L ◎ 277-6004
113 Vacant
114★Boertjes Rex 277-9726
115 Vacant
116 Bremner Philip W Jr ◎ 277-5049
117 Chatry Gerald 277-9682
118★Alexander Charles E 299-1696
119 Martin Eug G ◎
120 Vacant
121 Alain Bernier
122★Millet Jean-Pierre 277-5110
123 Vacant
124 Vacant
125 Pruitt J L ◎ 277-9094
126 Wilburn Henry W Jr ◎ 277-7912
127★Cottett Danl 277-5279
200 Highland Square II Apts 277-4467
★Turner Diane A Mrs

Target Street	Cross Street	Source
-	✓	HILLS DIRECTORY CO.

PINE CREEK DR 1980

DORCHESTER BLVD INTERSECTS
801 Barrett Charles M ◎ 277-2753
802 Sullivan Melvin ◎
803 Reece Walter C ◎ 277-3069
804 Bailey Richd A ◎ 299-0799
805★Barksdale Alfred R ◎ 277-2310
MARLBORO DR BEGINS
806★Butler Robt W ◎ 277-7060
808 Brown R Lee ◎ 277-3312
809 Puckett Mary S Mrs ◎ 277-3937
810 Berni Leo A ◎ 277-1306
811 Page Wm N ◎ 277-0237
813 Porter Edw E Jr ◎ 277-4425
814 Smith Horace ◎ 299-1074
815★Jackson Edith P ◎
816 Brown Toy Jr ◎ 277-9509
817 Burton Cleve ◎
818★Wilcox Brenda ◎
819 Byrne James P Jr ◎ 277-2363
820 Vacant
821 Bruce Coy T ◎ 277-3311
822 Archer Robt E Jr ◎ 277-5180
823 Vacant
824 Vacant
825 Carpenter Wm L ◎ 277-0173
826 Oakes Jacqueline V Mrs ◎
827 Gordon Sara S Mrs ◎
828 Woods John W Jr ◎ 277-9769
829 Vaughn E Inman ◎ 277-0653
831 Sauser Orville E ◎ 277-3397
833 Shumate John E Jr ◎ 277-3326
834 Goodwill Edw J ◎ 277-0369
835★Dunlap Thos ◎
836 Rogers Charles C ◎ 277-1355
837 Thompson Rodney C ◎ 277-4708
838 Whitmire Harold ◎
839 Waddell Ruben ◎ 277-6427
840 Townsend James L ◎ 277-3670
841 Mc Daniel Charles E ◎ 277-5091
842 Jackson Lonnie J ◎ 277-3605
843 Curlee Jack H ◎ 277-2544
844 De Coteau Cecil G ◎ 277-8623
845★Morris Allen B ◎ 277-4252
846 Hayes Robt M Jr ◎ 299-0273
847★Cummings Maceo C Jr ◎ 277-0736
848 Thomason Claudia
850 Wilkins Jacqueline D ◎ 299-0172
852 Rohrabaugh H Wm ◎ 277-1752
854 Brown Margt A Mrs ◎ 277-4874
856 Watson Willie ◎ 299-0632
858 Hoffman John P ◎ 277-5679
860 Cureton Martha Mrs ◎
862 Vacant
863 Higby Lucille H Mrs ◎ 277-6054
864 Hammond Terry W ◎ 277-3642
DORCHESTER BLVD INTERSECTS
866 Glenn Robt A ◎ 277-0271
868 Westmoreland Steven D ◎ 277-0739

Target Street	Cross Street	Source
✓	-	HILLS DIRECTORY CO.

PINE CREEK CT 1975

PINE CREEK COURT EXTN—Contd

10★Quenouillere Roger 277-2821

11★Folio Andrew ◎ 277-6828

12★Spencer Herbert L ◎ 277-8061

Target Street	Cross Street	Source
-	✓	HILLS DIRECTORY CO.

PINE CREEK DR 1975

715★Pietroschke Marilyn S Mrs ◎
DORCHESTER BLVD INTERSECTS
801 Barrett Charles M ◎ 277-2753
802 Pennell Geo H ◎ 277-2460
803 Reece Walter C ◎ 277-3069
804 Ryan Dorothy V ◎ 277-0778
805 No Return
MARLBORO DR BEGINS
806 Butler Robt W ◎ 277-1707
MARLBORO DR BEGINS
808 Brown R Lee ◎ 277-3312
809 Puckett Mary S Mrs ◎ 277-3937
810 Berni Leo A ◎ 277-1306
811 Page Wm N ◎ 277-0237
813 Freeland Wm T ◎ 277-6142
814 Cheros Anthony G ◎ 277-4774
815 Cooper Willie L ◎ 277-6087
816 Gentry Wiley J ◎ 277-7873
817 Vaughan Finley M ◎ 277-1111
818 Fulghum Kasper F ◎ 277-3032
819★Byrne James P Jr ◎ 277-2363
820★Williams Bobby G ◎ 277-2745
821 Bruce Coy T ◎ 277-3311
3 822 Archer Robt E Jr ◎ 277-5180
823 Montjoy Rudolph B ◎ 277-3106
824 Mc Leod Oscar B Jr ◎ 277-7518
825 Carpenter Wm L ◎ 277-0173
826 Oakes Charles ◎
827 Gordon James C ◎ 277-1611
828 Ballew James T ◎ 277-2449
829★Vaughn E I ◎ 277-0653
831 Sauser Orville E ◎ 277-3397
833 Mills Carl E ◎ 277-6608
834 Goodwill Edw J ◎ 277-0369
835 Vacant
836 Rogers Charles C ◎ 277-1355
837★Adams Wesley F Jr ◎
838 Vacant
839 Waddell Ruben ◎ 277-6427
840 Townsend James L ◎ 277-3670

Target Street	Cross Street	Source
-	✓	HILLS DIRECTORY CO.

PINE CREEK DR 1970

DORCHESTER BLVD INTERSECTS
801 Barrett Charles M ◎ 277-2753
802 Pennell Geo H ◎ 277-2460
803 Reece Walter C ◎ 277-3069
804 Ryan Dorothy V Mrs ◎ 277-0778
805 Cheros Anthony G ◎ 277-4774
MARLBORO DR BEGINS
806 Butler Robt W ◎ 277-1707
808 Brown R Lee ◎ 277-3312
809 Smith Donald A ◎ 277-1635
810 Berni Leo A ◎ 277-1306
811 Page Wm N ◎ 277-0237
813 Parker Danl D ◎ 277-3813
814 Denman Margt F Mrs ◎ 277-3115
815 Cooper Willie L ◎ 277-6087
816 Gentry Wiley J ◎ 277-7873
817 Vaughan Finley M ◎ 277-1111
818 Fulghum Kasper F ◎ 277-3032
819 Bedenbaugh Ralph F ◎ 277-4850
820 Tobin Richd T ◎ 277-4743
821 Bruce Coy T ◎ 277-3311
822 Archer Robt E Jr ◎ 277-5180
823 Montjoy Rudolph B ◎ 277-3106
824 Dean J Thos 277-5666
825 Carpenter Wm L ◎ 277-0173
826 Oakes Charles W ◎ 277-4883
827 Gordon James C ◎ 277-1611
828 Ballew James T ◎ 277-2449
829 Davenport David M ◎ 277-7508
831 Sauser Orville E ◎ 277-3397
833 Mills Carl E ◎ 277-6608
834 Dohar Edw J ◎ 277-2998
835 Vacant
836 Rogers Charles C ◎ 277-1355
837 Wyatt Charles D Jr ◎ 277-0203
838 Whitmire Harold J ◎

Target Street	Cross Street	Source
-	✓	HILLS DIRECTORY CO.

PINE CREEK DR 1967

715 CAGLEY VELMA F MRS • 277-3941
---DORCHESTER BLVD INTERSECTS
801 SMITH CHARLES W • 277-0426
802 PENNELL GEO H • 277-2460
803 YAUSLIN LAWRENCE G • 277-0752
804 RYAN DOROTHY V MRS • 277-0778
805 CHEROS ANTHONY G • 277-4774
---MARLBORO DR BEGINS
806 BUTLER ROBT W • 277-1707
808 BROWN R LEE • 277-3312
809 SMITH DONALD A • 277-1635
810 GINN ROBT L • 277-1299
811 PAGE WM N • 277-0237
813 NESS ARTH J • 277-5216
814 DENMAN DONALD T • 277-3115
615 SHORTT ALBERT • 277-0250
816 GUMM CURTIS E • 277-0459
817 VAUGHAN FINLEY M • 277-1111
818 FULGHUM KASPER F • 277-3032
819 BEDENBAUGH RALPH F • 277-4850
820 TINNELL JOHN R • 277-6201
821 BRUCE COY T • 277-3311
822 ARCHER ROBT E JR • 277-5180
823 MONTJOY RUDOLPH B • 277-3106
824 SALTER EUG L • 277-0680
825 CARPENTER WM L • 277-0173
826 OAKES CHARLES W • 277-4883
827 GORDON JAMES C • 277-1611
828 BALLEW JAMES T • 277-2449
829 VACANT
831 SAUSER ORVILLE E • 277-3397
833 BAUMANN JULIAN H • 277-3295
834 DOHAR EDW J • 277-2998
836 RDGERS CHARLES C • 277-1355

Target Street	Cross Street	Source
-	✓	HILLS DIRECTORY CO.

PINE CREEK DR 1964

---MARLBDRO DR BEGINS
806 BUTLER ROBT W • 277-1707
808 BROWN R LEE • 277-3312
809 SMITH DONALD A • 277-1635
810 VACANT
811 PAGE WM N • 277-0237
813 NESS ARTH J • 277-5218
814 HAWKINS E HARRIS JR •
277-5746
815 SCHOELKDPF THDS E •
277-0618
816 GUMM CURTIS E • 277-0459
817 VAUGHAN FINLEY M •
277-1111
818 FULGHUM KASPER F •
277-3032
819 CASH P PRESTDN • 277-3973
820 STRANG MARVIN L • 277-2051
821 BRUCE CDY T • 277-3311
822 ARCHER ROBT E JR •
277-5180
823 MONTJOY RUDOLPH 8 •
277-3106
824 SALTER EUG L • 277-0680
825 CARPENTER WM L • 277-0173
826 MC LEDD PATK E • 277-5025
827 GDRDON JAMES C • 277-1611
828 VACANT
829 BRIGHT HERMAN E • 277-1829
831 SAUSER DRVILLE E •
277-3397
833 BAUMAN JULIAN H • 277-3295
834 DOHAR EDW J • 277-2998
836 VACANT
837 VACANT
838 WHITMIRE HARDLD J •
277-2572
839 MC KINNEY JDHN D •
277-1937
840 TDWNSEND JAMES L •
277-3670
841 COX HERMAN E • 277-4732
842 DONAHOE IRENE MRS •
277-5113

497755

200 Pine Creek Court

Greenville, SC 29605

Inquiry Number: 7756067.4

September 06, 2024

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

09/06/24

Site Name:	Client Name:
497755	AEI Consultants
200 Pine Creek Court	2500 Camino Diablo
Greenville, SC 29605	Walnut Creek, CA 94597
EDR Inquiry # 7756067.4	Contact: Lacee Elam

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by AEI Consultants were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:		***Coordinates:***	
P.O.#	378758	**Latitude:**	34.790678 34° 47' 26" North
Project:	497755	**Longitude:**	-82.392835 -82° 23' 34" West
		UTM Zone:	Zone 17 North
		UTM X Meters:	372574.27
		UTM Y Meters:	3850714.29
		Elevation:	897.41' above sea level

Maps Provided:

2020
2017
2014
1983
1976
1957
1938
1935

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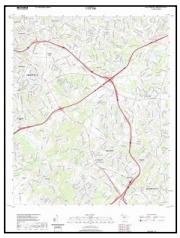
Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2020 Source Sheets

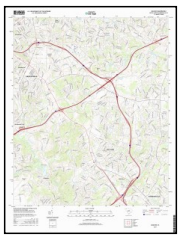
Greenville
2020
7.5-minute, 24000



Mauldin
2020
7.5-minute, 24000

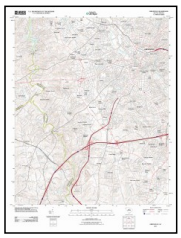
2017 Source Sheets

Greenville
2017
7.5-minute, 24000

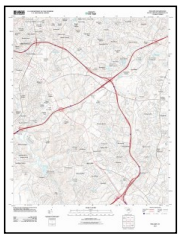


Mauldin
2017
7.5-minute, 24000

2014 Source Sheets

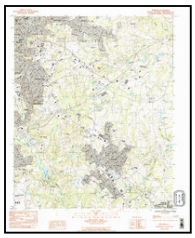


Greenville
2014
7.5-minute, 24000



Mauldin
2014
7.5-minute, 24000

1983 Source Sheets



Mauldin
1983
7.5-minute, 24000
Aerial Photo Revised 1976

Greenville
1983
7.5-minute, 24000
Aerial Photo Revised 1976

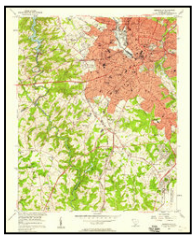
Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1976 Source Sheets

Greenville
1976
7.5-minute, 24000
Aerial Photo Revised 1976

1957 Source Sheets



Greenville
1957
7.5-minute, 24000
Aerial Photo Revised 1956

1938 Source Sheets

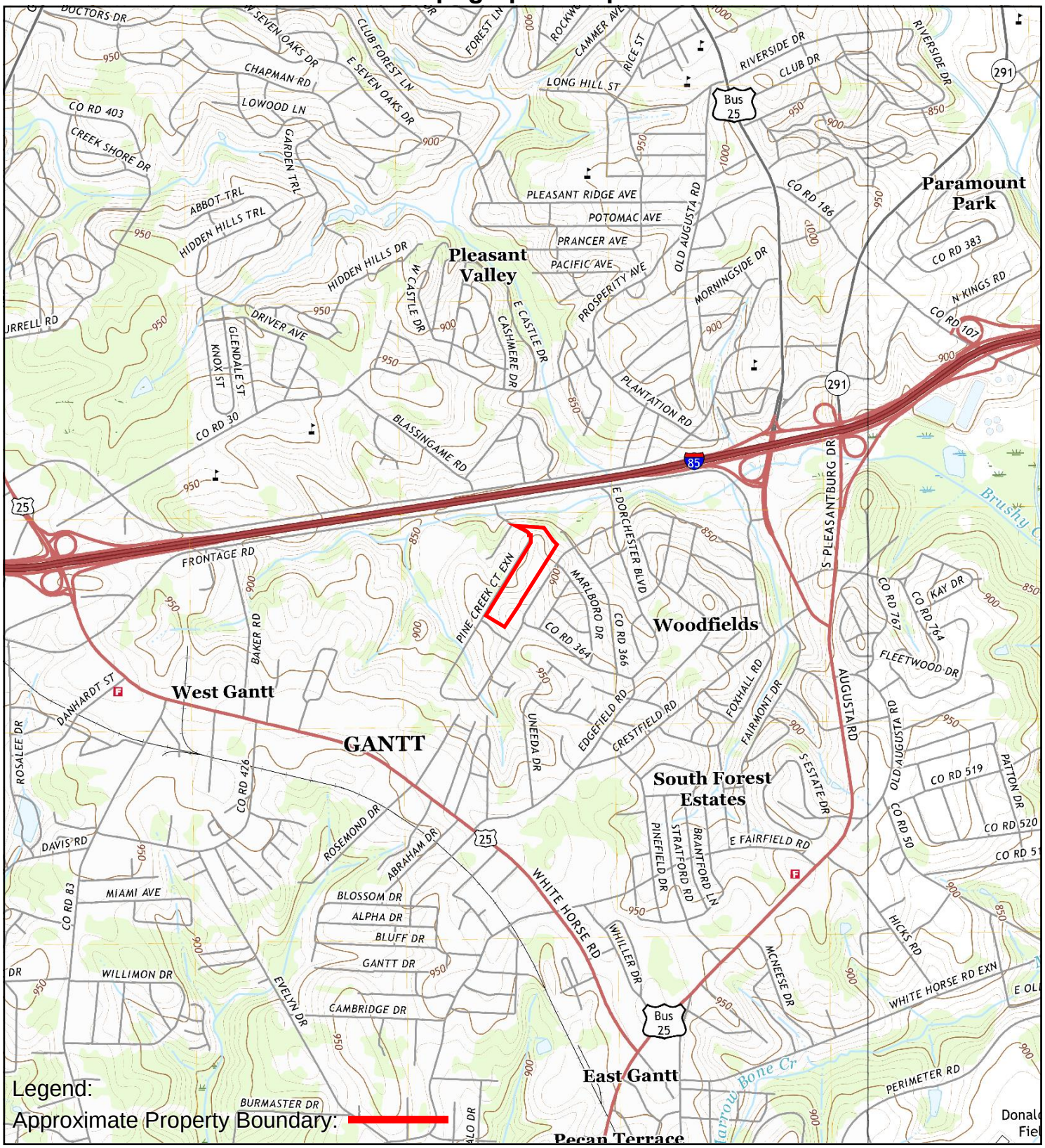
Greenville
1938
15-minute, 62500

1935 Source Sheets

Greenville
1935
15-minute, 48000

Topographic Map

2020



TP, Greenville, 2020, 7.5-minute
E, Mauldin, 2020, 7.5-minute

0 Miles 0.25 0.5 1 1.5

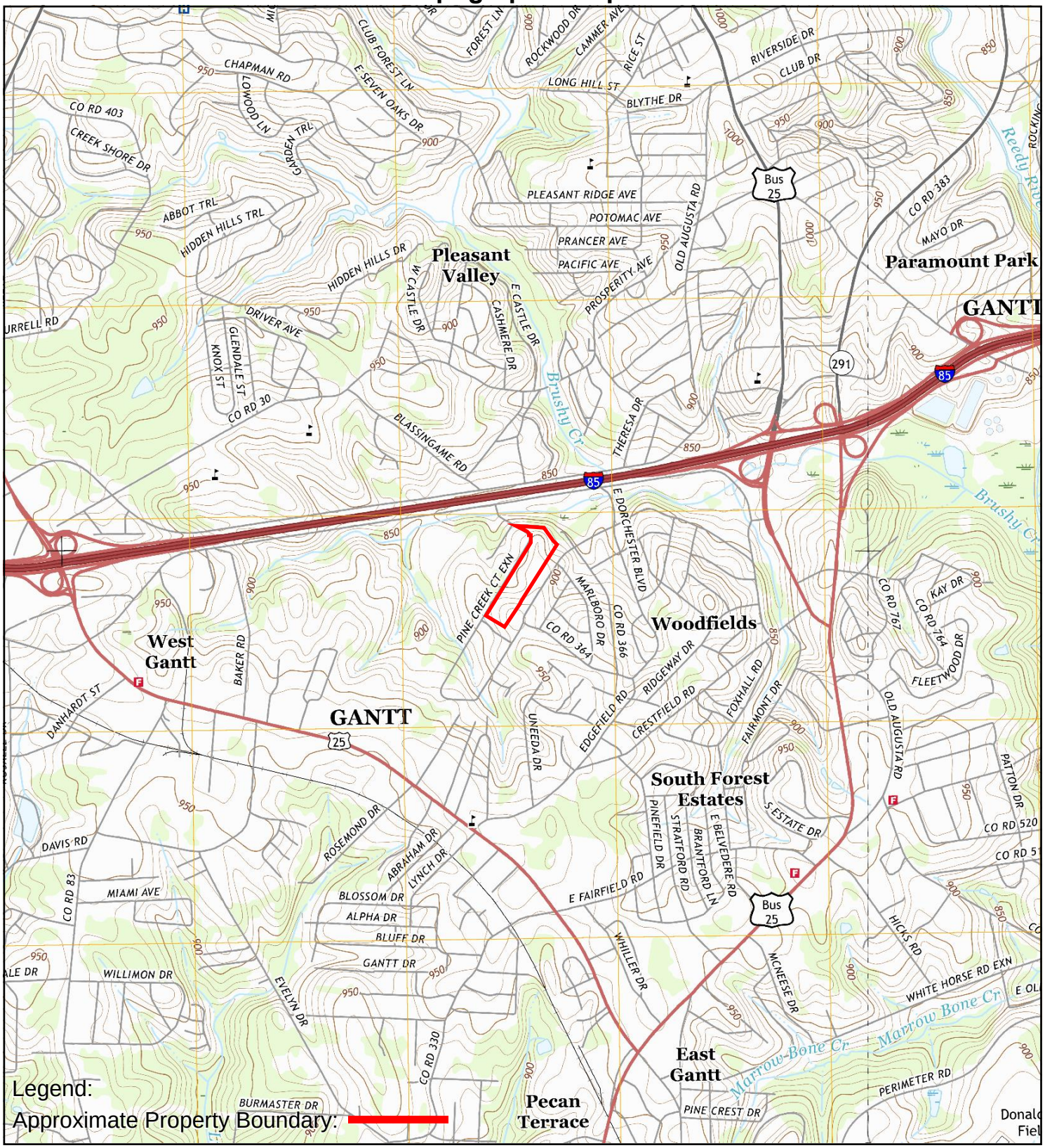
N

TOPOGRAPHIC MAP - 2020

AEI

Topographic Map

2017



TP, Greenville, 2017, 7.5-minute
E, Mauldin, 2017, 7.5-minute

0 Miles 0.25 0.5 1 1.5

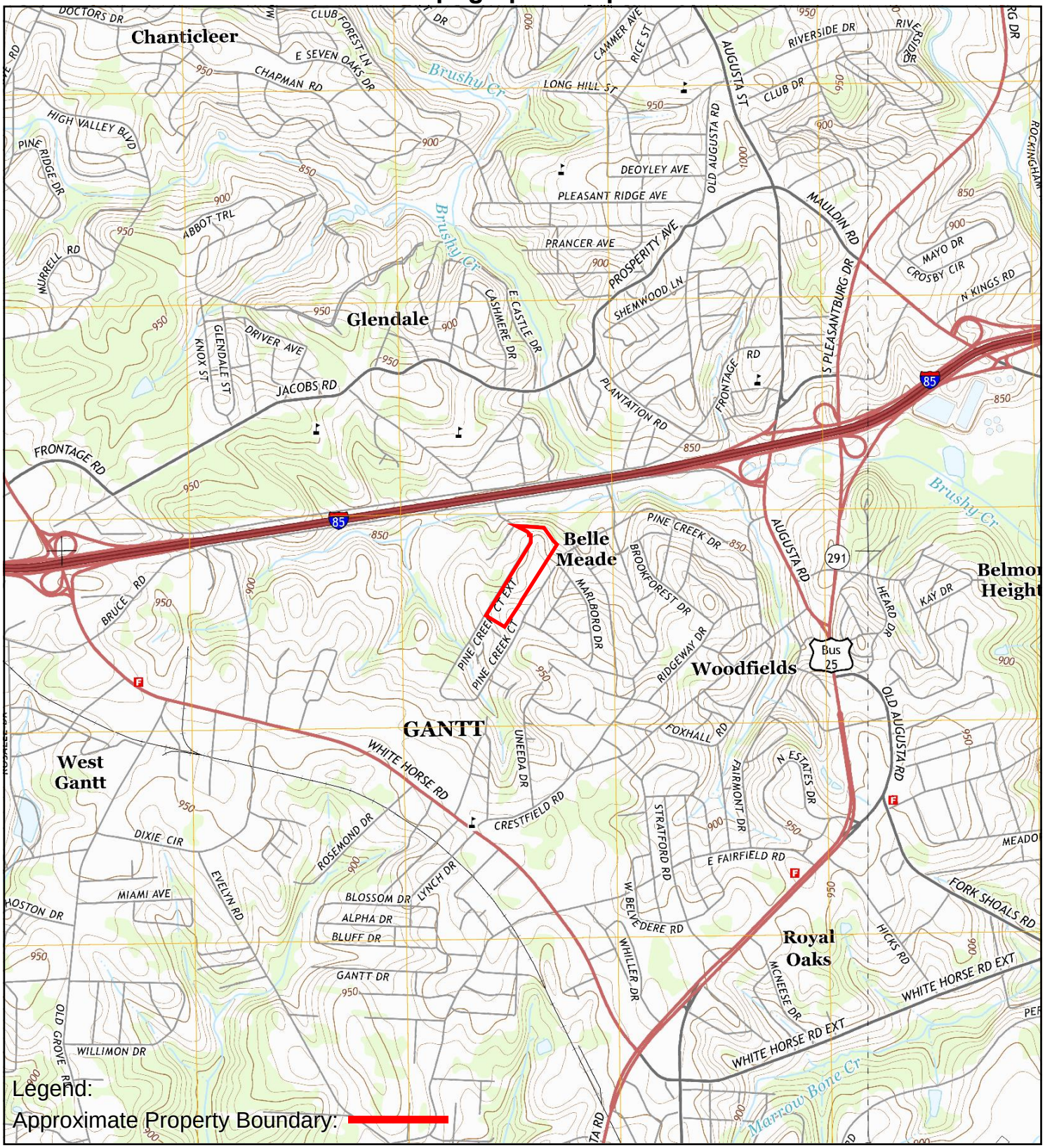
N

TOPOGRAPHIC MAP - 2017

AEI

Topographic Map

2014



TP, Greenville, 2014, 7.5-minute
E, Mauldin, 2014, 7.5-minute

0 Miles 0.25 0.5 1 1.5

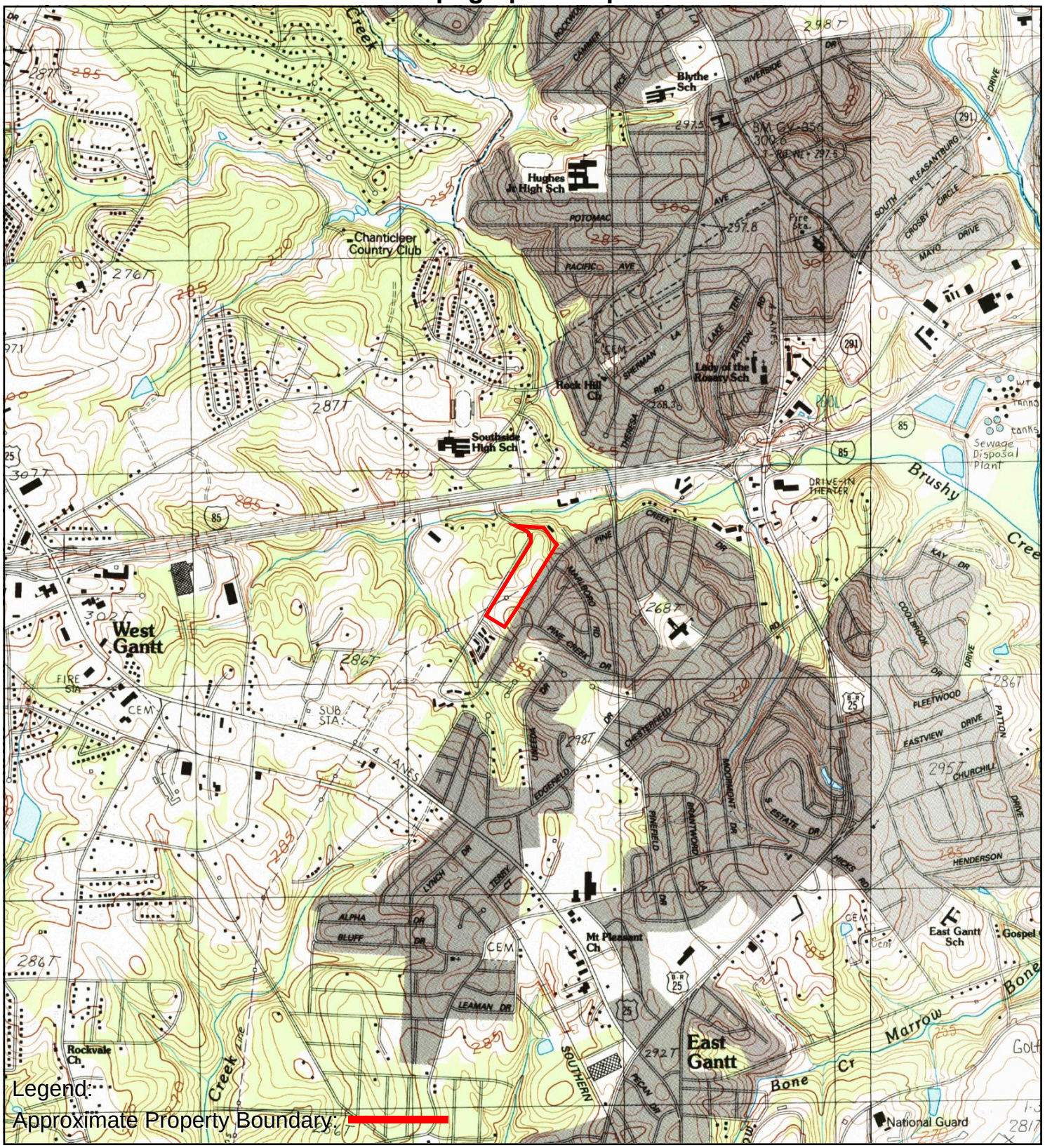
N

TOPOGRAPHIC MAP - 2014

AEI

Topographic Map

1983



TP, Greenville, 1983, 7.5-minute
E, Mauldin, 1983, 7.5-minute

0 Miles 0.25 0.5 1 1.5

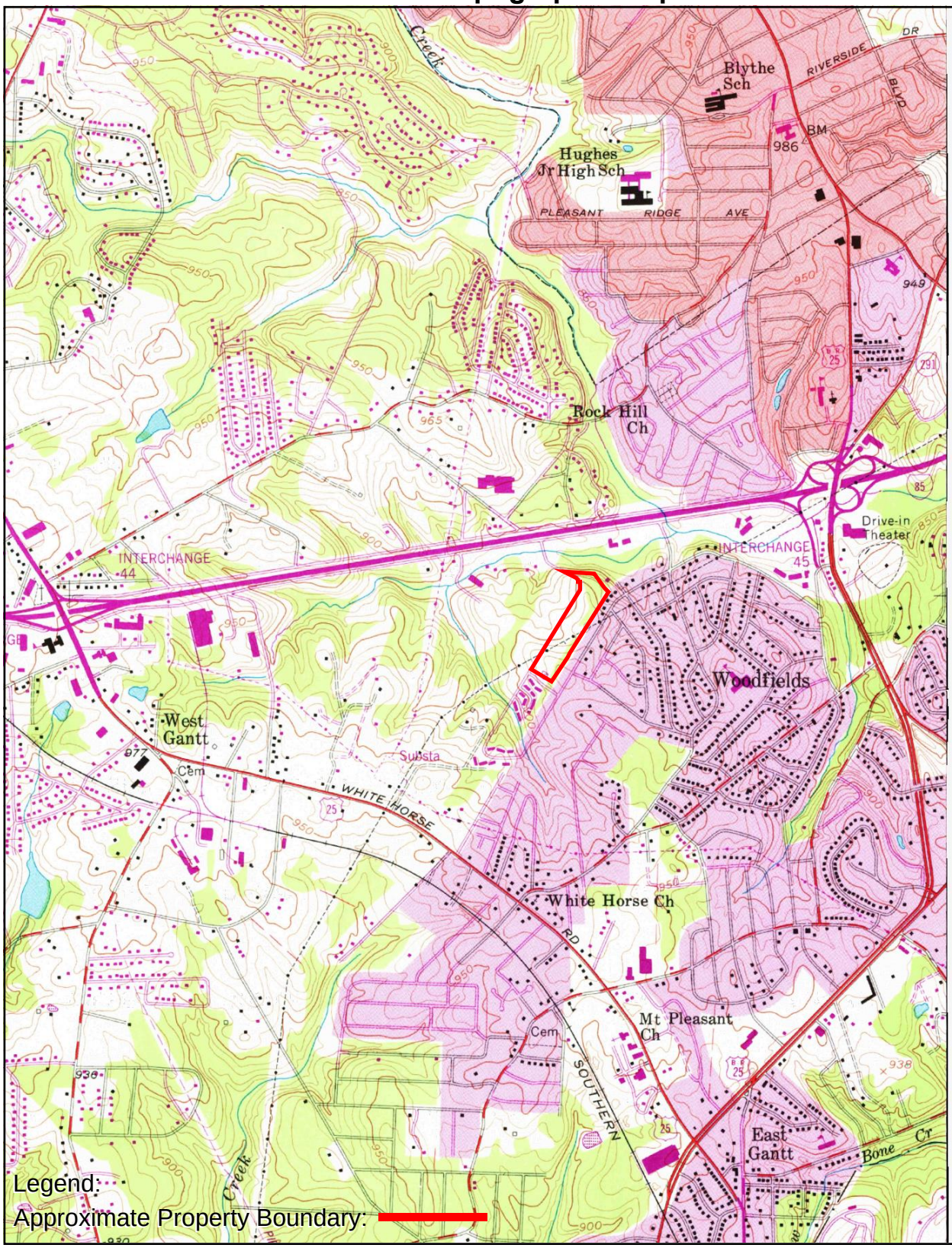
N

TOPOGRAPHIC MAP - 1983

AEI

Topographic Map

1976



UNMAPPED

TP, Greenville, 1976, 7.5-minute

0 Miles 0.25 0.5 1 1.5

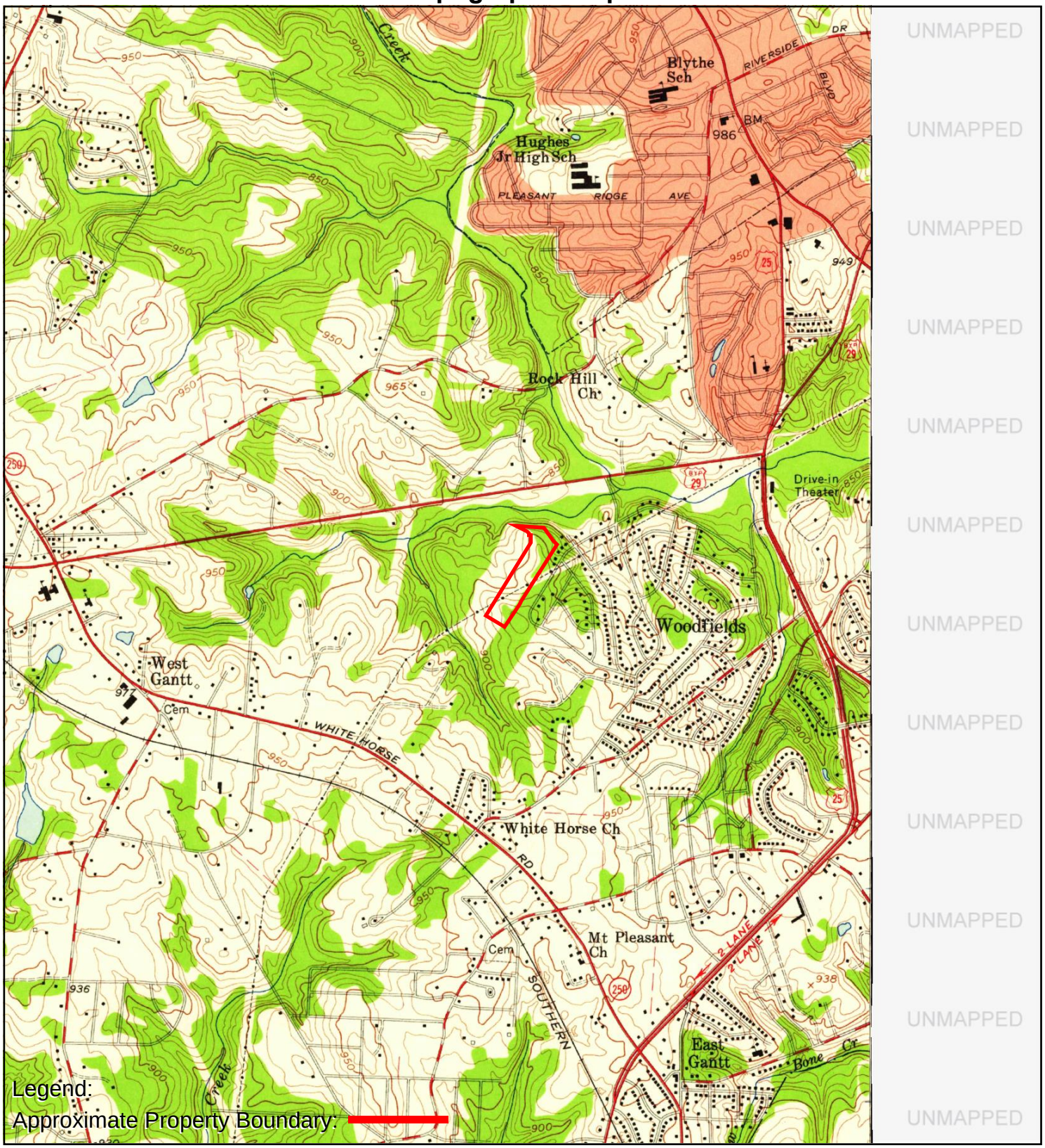
N

TOPOGRAPHIC MAP - 1976

AEI

Topographic Map

1957



UNMAPPED
UNMAPPED
UNMAPPED
UNMAPPED
UNMAPPED
UNMAPPED
UNMAPPED
UNMAPPED
UNMAPPED
UNMAPPED

TP, Greenville, 1957, 7.5-minute

0 Miles 0.25 0.5 1 1.5

N

TOPOGRAPHIC MAP - 1957

AEI

Topographic Map

1938

TP, Greenville, 1938, 15-minute

0 Miles 0.25 0.5 1 1.5

N

TOPOGRAPHIC MAP - 1938

AEI

Topographic Map

1935

TP, Greenville, 1935, 15-minute

0 Miles 0.25 0.5 1 1.5

N

TOPOGRAPHIC MAP - 1935

AEI

APPENDIX E

REGULATORY AGENCY RECORDS

September 12, 2024

Gantt District Fire Department

Subject: **Freedom of Information Act (FOIA) Request/File Review Request**
200 Pine Creek Court, Greenville, SC 29605
Parcel ID#: WG-002-03-01-012-00
AEI Project No. 497755

To whom it may concern:

Please accept this as request for any information/documentation/files with your department regarding the above-referenced property.

AEI Consultants is currently conducting the Phase I Environmental Site Assessment for the property. The current ASTM Practice E1527 Standard Practice of Environmental Site Assessments requires that a records search be conducted with local regulatory departments for information regarding the subject property. Of particular interest are the following items:

- Records regarding hazardous materials usage/storage/incidents or known environmental concerns/contamination which may have affected the property,
- Records regarding aboveground or underground storage tank (UST) systems, which are currently or historically located at the property.
- Records of fire inspections at the subject property.

Please call (678-279-2826) or email (hclark@aeiconsultants.com) me to discuss the file information or if you require further information. Thank you for your time and attention regarding this matter.

Respectfully,

Hubert Clark
678-279-2826
hclark@aeiconsultants.com

☐ No files were discovered for the addresses listed herein.

Name: _____

Title: _____

Phone: _____

Date: _____

GreenvilleCounty.org
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County Home Page | S

PERMITS ISSUED

Records Found: 71

Back to Search

Appication	Permit #	Address	Permit Type	Contractor	Subcontractor	Status
1-3395	0100003395	200 PINE CREEK CT	ELECTRICAL PERMIT			CL
1-6613	0100006613	200 PINE CREEK CT	BLDG - COMMERCIAL	ZEFCO, INC		CO
1-6613	0100006613	200 PINE CREEK CT	ELECTRICAL PERMIT	ZEFCO, INC	T W E INC	CO
1-6613	0100006613	200 PINE CREEK CT	MECHANICAL PERMIT	ZEFCO, INC	TRIANGLE SERVICES INC	CO
1-6613	0100006613	200 PINE CREEK CT	PLUMBING PERMIT	ZEFCO, INC	WILLIAM G TEICHMAN	CO
6-4140	0600004140	200 PINE CREEK CT	SIGNS - PERMANENT W/PLAN CHECK	ELECTRIC CITY SIGNS & NEON INC		CL
10-928	1000000928	200 PINE CREEK CT	ELECTRICAL PERMIT	MICHAEL WILKIE	MICHAEL WILKIE	CL
10-929	1000000929	200 PINE CREEK CT	ELECTRICAL PERMIT	MICHAEL WILKIE	MICHAEL WILKIE	CL
10-965	1000000965	200 PINE CREEK CT	MECHANICAL PERMIT	G S MECHANICAL HTG & A/C INC	G S MECHANICAL HTG & A/C INC	CL
10-967	1000000967	200 PINE CREEK CT	MECHANICAL PERMIT	G S MECHANICAL HTG & A/C INC	G S MECHANICAL HTG & A/C INC	CL
10-968	1000000968	200 PINE CREEK CT	MECHANICAL PERMIT	G S MECHANICAL HTG & A/C INC	G S MECHANICAL HTG & A/C INC	CL
		200		G S	G S	

10-968	1000000968	200 PINE CREEK CT	MECHANICAL PERMIT	G S MECHANICAL HTG & A/C INC	G S MECHANICAL HTG & A/C INC	CL
10-969	1000000969	200 PINE CREEK CT	MECHANICAL PERMIT	G S MECHANICAL HTG & A/C INC	G S MECHANICAL HTG & A/C INC	CL
10-8815	1000008815	200 PINE CREEK CT	FEASIBILITY PERMIT			CO
12-7219	1200007219	200 PINE CREEK CT	BLDG - COMMERCIAL NO PLAN REV	HAROLD KYSER		CL
12-7219	1200007219	200 PINE CREEK CT	ELECTRICAL PERMIT	HAROLD KYSER	FRED COX	CL
17-6744	1700006744	200 PINE CREEK CT	BLDG - COMMERCIAL	HERNANDEZ CONSTRUCTION SERVICE		CL
17-6744	1700006744	200 PINE CREEK CT	ELECTRICAL PERMIT	HERNANDEZ CONSTRUCTION SERVICE	EASLEY ELECTRIC INC	CL
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17-8272	1700008272	200 PINE CREEK CT	BLDG - COMMERCIAL	HERNANDEZ CONSTRUCTION SERVICE		AP
17-8272	1700008272	200 PINE CREEK CT	ELECTRICAL PERMIT	HERNANDEZ CONSTRUCTION SERVICE	EASLEY ELECTRIC INC	AP
17-8272	1700008272	200 PINE CREEK CT	PLUMBING PERMIT	HERNANDEZ CONSTRUCTION SERVICE		AP
17-8274	1700008274	200 PINE CREEK CT	BLDG - COMMERCIAL	HERNANDEZ CONSTRUCTION SERVICE		AP
17-8274	1700008274	200 PINE CREEK CT	ELECTRICAL PERMIT	HERNANDEZ CONSTRUCTION SERVICE	EASLEY ELECTRIC INC	AP
17-8274	1700008274	200 PINE CREEK CT	PLUMBING PERMIT	HERNANDEZ CONSTRUCTION SERVICE		AP
17-8275	1700008275	200 PINE CREEK CT	BLDG - COMMERCIAL	HERNANDEZ CONSTRUCTION SERVICE		AP
17-8275	1700008275	200 PINE CREEK CT	ELECTRICAL PERMIT	HERNANDEZ CONSTRUCTION SERVICE	EASLEY ELECTRIC INC	AP
		200 PINE	PLUMBING	HERNANDEZ		

17-8275	1700008275	PINE CREEK CT	ELECTRICAL PERMIT	CONSTRUCTION SERVICE	EASLEY ELECTRIC INC	AP
17-8275	1700008275	200 PINE CREEK CT	PLUMBING PERMIT	HERNANDEZ CONSTRUCTION SERVICE		AP
17-8276	1700008276	200 PINE CREEK CT	BLDG - COMMERCIAL	HERNANDEZ CONSTRUCTION SERVICE		AP
17-8276	1700008276	200 PINE CREEK CT	ELECTRICAL PERMIT	HERNANDEZ CONSTRUCTION SERVICE	EASLEY ELECTRIC INC	AP
17-8276	1700008276	200 PINE CREEK CT	PLUMBING PERMIT	HERNANDEZ CONSTRUCTION SERVICE		AP
17-8277	1700008277	200 PINE CREEK CT	BLDG - COMMERCIAL	HERNANDEZ CONSTRUCTION SERVICE		AP
17-8277	1700008277	200 PINE CREEK CT	ELECTRICAL PERMIT	HERNANDEZ CONSTRUCTION SERVICE	EASLEY ELECTRIC INC	AP
17-8277	1700008277	200 PINE CREEK CT	PLUMBING PERMIT	HERNANDEZ CONSTRUCTION SERVICE		AP
17-8278	1700008278	200 PINE CREEK CT	BLDG - COMMERCIAL	HERNANDEZ CONSTRUCTION SERVICE		AP
17-8278	1700008278	200 PINE CREEK CT	ELECTRICAL PERMIT	HERNANDEZ CONSTRUCTION SERVICE	EASLEY ELECTRIC INC	AP
17-8278	1700008278	200 PINE CREEK CT	PLUMBING PERMIT	HERNANDEZ CONSTRUCTION SERVICE		AP
17-8279	1700008279	200 PINE CREEK CT	BLDG - COMMERCIAL	HERNANDEZ CONSTRUCTION SERVICE		AP
17-8279	1700008279	200 PINE CREEK CT	ELECTRICAL PERMIT	HERNANDEZ CONSTRUCTION SERVICE	EASLEY ELECTRIC INC	AP
17-8279	1700008279	200 PINE CREEK CT	PLUMBING PERMIT	HERNANDEZ CONSTRUCTION SERVICE		AP
17-8280	1700008280	200 PINE CREEK CT	BLDG - COMMERCIAL	HERNANDEZ CONSTRUCTION SERVICE		AP
17-8280	1700008280	200 PINE CREEK CT	ELECTRICAL PERMIT	HERNANDEZ CONSTRUCTION SERVICE	EASLEY ELECTRIC INC	AP
17-8280	1700008280	200 PINE CREEK CT	PLUMBING PERMIT	HERNANDEZ CONSTRUCTION SERVICE		AP

17-8280	1700008280	PINE CREEK CT	ELECTRICAL PERMIT	HERNANDEZ CONSTRUCTION SERVICE	EASLEY ELECTRIC INC	AP
17-8280	1700008280	200 PINE CREEK CT	PLUMBING PERMIT	HERNANDEZ CONSTRUCTION SERVICE		AP
17-10330	1700010330	200 PINE CREEK CT	BLDG - COMMERCIAL	HERNANDEZ CONSTRUCTION SERVICE		CL
17-10579	1700010579	200 PINE CREEK CT	BLDG - COMMERCIAL	HERNANDEZ CONSTRUCTION SERVICE		CL
17-10580	1700010580	200 PINE CREEK CT	BLDG - COMMERCIAL	HERNANDEZ CONSTRUCTION SERVICE		AP
17-10581	1700010581	200 PINE CREEK CT	BLDG - COMMERCIAL	HERNANDEZ CONSTRUCTION SERVICE		CL
17-10582	1700010582	200 PINE CREEK CT	BLDG - COMMERCIAL	HERNANDEZ CONSTRUCTION SERVICE		CL
17-10584	1700010584	200 PINE CREEK CT	BLDG - COMMERCIAL	HERNANDEZ CONSTRUCTION SERVICE		CL
17-10585	1700010585	200 PINE CREEK CT	BLDG - COMMERCIAL	HERNANDEZ CONSTRUCTION SERVICE		CL
17-10586	1700010586	200 PINE CREEK CT	BLDG - COMMERCIAL	HERNANDEZ CONSTRUCTION SERVICE		CL
17-10587	1700010587	200 PINE CREEK CT	BLDG - COMMERCIAL	HERNANDEZ CONSTRUCTION SERVICE		CL
17-10588	1700010588	200 PINE CREEK CT	BLDG - COMMERCIAL	HERNANDEZ CONSTRUCTION SERVICE		CL
17-10589	1700010589	200 PINE CREEK CT	BLDG - COMMERCIAL	HERNANDEZ CONSTRUCTION SERVICE		CL
17-10590	1700010590	200 PINE CREEK CT	BLDG - COMMERCIAL	HERNANDEZ CONSTRUCTION SERVICE		AP
17-10591	1700010591	200 PINE CREEK CT	BLDG - COMMERCIAL	HERNANDEZ CONSTRUCTION SERVICE		CL
17-10592	1700010592	200 PINE CREEK CT	BLDG - COMMERCIAL	HERNANDEZ CONSTRUCTION SERVICE		CL
17-10593	1700010593	200 PINE CREEK CT	BLDG - COMMERCIAL	HERNANDEZ CONSTRUCTION SERVICE		CL

17-10591	1700010591	200 PINE CREEK CT	BLDG - COMMERCIAL	HERNANDEZ CONSTRUCTION SERVICE		CL
17-10592	1700010592	200 PINE CREEK CT	BLDG - COMMERCIAL	HERNANDEZ CONSTRUCTION SERVICE		CL
17-10593	1700010593	200 PINE CREEK CT	BLDG - COMMERCIAL	HERNANDEZ CONSTRUCTION SERVICE		CL
17-10594	1700010594	200 PINE CREEK CT	BLDG - COMMERCIAL	HERNANDEZ CONSTRUCTION SERVICE		CL
17-10595	1700010595	200 PINE CREEK CT	BLDG - COMMERCIAL	HERNANDEZ CONSTRUCTION SERVICE		CL
17-10596	1700010596	200 PINE CREEK CT	BLDG - COMMERCIAL	HERNANDEZ CONSTRUCTION SERVICE		CL
17-10597	1700010597	200 PINE CREEK CT	BLDG - COMMERCIAL	HERNANDEZ CONSTRUCTION SERVICE		CL
17-10598	1700010598	200 PINE CREEK CT	BLDG - COMMERCIAL	HERNANDEZ CONSTRUCTION SERVICE		CL
19-4132	1900004132	200 PINE CREEK CT	BLDG - COMMERCIAL NO PLAN REV	VENTURE MGMT & RECONSTR INC		CL
19-4132	1900004132	200 PINE CREEK CT	ELECTRICAL PERMIT	VENTURE MGMT & RECONSTR INC	DONALD HALL	CL
19-4132	1900004132	200 PINE CREEK CT	MECHANICAL PERMIT	VENTURE MGMT & RECONSTR INC	PARAMOUNT AIR SOLUTIONS LLC	CL
19-11401	1900011401	200 PINE CREEK CT	HOME OCCUPATION			AP
20-113	2000000113	200 PINE CREEK CT	BLDG - COMMERCIAL NO PLAN REV	VENTURE MGMT & RECONSTR INC		CL
20-113	2000000113	200 PINE CREEK CT	ELECTRICAL PERMIT	VENTURE MGMT & RECONSTR INC	DAVID TARTELL	CL
20-113	2000000113	200 PINE CREEK CT	MECHANICAL PERMIT	VENTURE MGMT & RECONSTR INC		CL
20-113	2000000113	200 PINE CREEK CT	PLUMBING PERMIT	VENTURE MGMT & RECONSTR INC	PLATINUM PLUMBING LLC	CL
20-7554	2000007554	200 PINE CREEK CT	ELECTRICAL PERMIT	UTILITY PARTNERS OF AMERICA		CL

Greenville County, SC - Property Report	Convert to PDF	9/12/2024
PIN / Tax Map #		
WG02030101200		

Owner Information	
Owner Name	HS INVESTORS LLC
Additional Owner Name	
Care Of	Gh Capital Llc Suite 110
Mailing Address	26301 Curtiss Wright Pkwy
City	Cleveland
State	OH
Zip Code	44143

Greenville County

Mobile Maps and Information

Disclaimer: Map and parcel data are believed to be accurate, but accuracy is not guaranteed. This is not a legal document and should not be substituted for a title search, appraisal, survey, or for zoning verification.

Parcel Information			
Acres	Description	Location	Subdivision
13.400	13 Pt 5	Pine Creek	

Reference Information				
Deed Book	Deed Page	Deed Date	Plat Book	Plat Page
2186	1879	1/30/2006	M	95

Building Information			
Bedrooms	Bathrooms	Half Baths	Square Feet
0	0	0	0

Classification		
Land Use	Jurisdiction	Homestead Code
120 - Apartment	County Jurisdiction	No

Values			
Fair Market Value	Taxable Market Value	Sales Price	Total Rollback
$6,708,710	$6,062,960	$4,048,000	$0

Taxes / Fees				
Tax District	County Stormwater Fee	City Stormwater Fee	Taxes	Taxes Paid Date
156	$2,484	$0	$148,302.21	12/28/2023

Printed with Pdfcrowd.com

Property Tax History			
Tax Year	Owner Name	Taxable Market Value	Taxes
2022	Hs Investors Llc	$6,062,960	$142,299.84
2021	Hs Investors Llc	$6,062,960	$139,634.87
2020	Hs Investors Llc	$5,272,150	$133,573.86
2019	Hs Investors Llc	$5,272,150	$132,008.33
2018	Hs Investors Llc	$5,272,150	$128,274.02
2017	Hs Investors Llc	$5,272,150	$120,885.74
2016	Hs Investors Llc	$5,272,150	$118,688.11
2015	Hs Investors Llc	$5,272,150	$116,464.21
2014	Hs Investors Llc	$4,584,495	$100,524.07
2013	Hs Investors Llc	$4,584,495	$99,175.72
2012	Hs Investors Llc	$4,584,495	$96,728.11
2011	Hs Investors Llc	$4,584,495	$94,775.11
2010	Hs Investors Llc	$4,584,495	$93,509.28
2009	Hs Investors Llc	$3,986,819	$87,102.74
2008	Hs Investors Llc	$3,986,819	$85,329.89
2007	Hs Investors Llc	$3,986,819	$82,315.85
2006	Highland Sq Ii Apts Assoc A Lt	$3,519,969	$77,077.76
2005	Highland Sq Ii Apts Assoc A Lt	$3,519,969	$72,290.96
2004	Highland Sq Ii Apts Assoc A Lt	$3,519,969	$70,274.88
2003	Highland Sq Ii Apts Assoc A Lt	$3,519,969	$69,519.09
2002	Highland Sq Ii Apts Assoc A Lt	$3,519,969	$68,826.36
2001	Highland Sq Ii Apts Assoc A Lt	$3,519,969	$65,911.68
2000	Highland Sq Ii Apts Assoc A Lt	$2,223,500	$42,213.55
1999	Highland Sq Ii Apts Assoc A Lt	$2,223,500	$41,666.57
1998	Highland Sq Ii Apts Assoc A Lt	$2,223,500	$39,911.70

Ownership History				
Owner Name	Deed Book	Deed Page	Date of Last Sale	Last Sale Price
Hs Investors Llc	2186	1879	20060130	$4,048,000
Highland Sq Ii Apts Assoc A Lt	1093	990	19781219	$0

Printed with Pdfcrowd.com

WG 2.3 / PROPERTY 12 ~~150~~ 156

SHEET NO. WG 2.3	BLOCK NO. 1	LOT NO. 12	TAX DISTRICT ~~150~~	CARD NO.

LISTED 1 - off White Horse Rd.

DESCRIPTION Pt. Tract 5 + Lot 13 Richard Davis Est. M-95

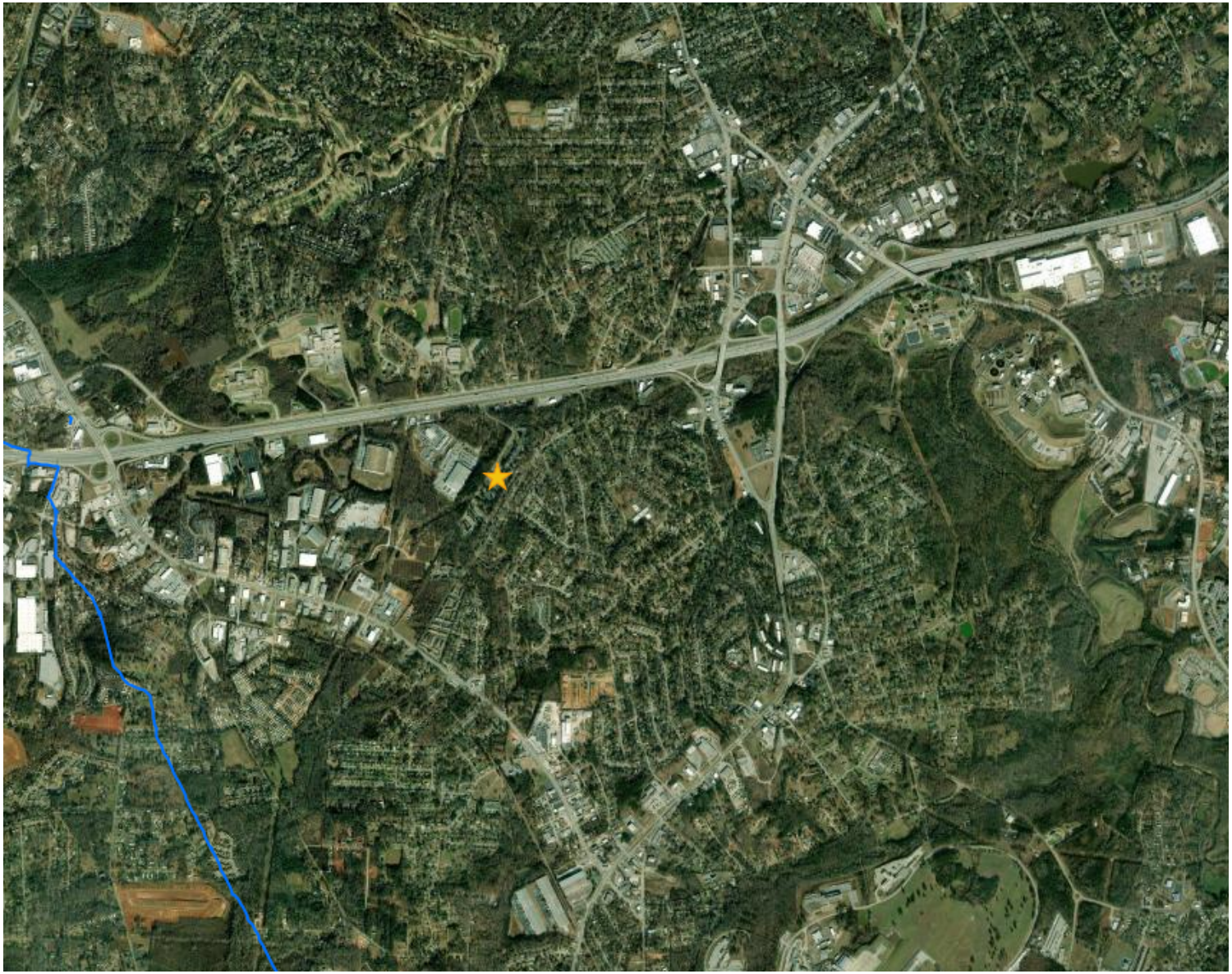
1-OFF WHITE HORSE RD.
TRACT 5 RICHARD DAVIS EST. M-95

RECORD OF OWNERSHIP	DATE VOL., PAGE	ADDRESS	MEMORANDUM ~~5.85 Ac.~~ ~~4.85 Ac.~~
DAVIS, RICHARD EST Davis, Richard Est.			~~20 Ac.~~ ~~20 Ac.~~ ~~5.33 Ac (Pawdurvey)~~ ~~18 Ac.~~ 1 - House ~~4.57 Ac.~~
DAVIS, LAD Davis, Lad	4-18-44 264-78	4-18-44 264-78	13.375 Ac (By Deed 77) ~~13.71 Ac~~
DAVIS, OTIS Davis, Otis	11-29-48 366-316	11-29-48 366-316	
Ulmer, Frank, Lumber Co., Inc.	3-28-69 865-417		Pt to Lad Davis (WG 2.3-1-12.1) 8/1/57 2 Ac±
Threatt-Maxwell Enterprises, Inc.	5-8-69 874-641	904-327	Pt to Denny Heights, Inc. (WG 2.3-1-12.2) 11/27/63 13.56 Ac
Highland Square II Apts. Associates, a Partn. Ltd.	12-19-78 1093-990		Pt to American Development Co. IN DIST. 159 (See WG 2.3-1-12.3) 1/27/72 0.76 Ac

KEYS PRINTING, GREENVILLE, S. C.

Pipeline and Hazardous Materials Safety Administration

NATIONAL PIPELINE MAPPING SYSTEM



Legend

- Gas Transmission Pipelines
- Hazardous Liquid Pipelines

500 m
1000 ft

Pipelines depicted on this map represent gas transmission and hazardous liquid lines only. Gas gathering and gas distribution systems are not represented.

This map should never be used as a substitute for contacting a one-call center prior to excavation activities. Please call 811 before any digging occurs.

Questions regarding this map or its contents can be directed to npms@dot.gov.

Projection: Geographic

Datum: NAD83

Map produced by the Public Viewer application at www.npms.phmsa.dot.gov

World Imagery map service data is attributed to Esri, Maxar, Earthstar Geographics, and the GIS User Community.

Date Printed: Sep 12, 2024

811 Know what's below. Call before you dig.

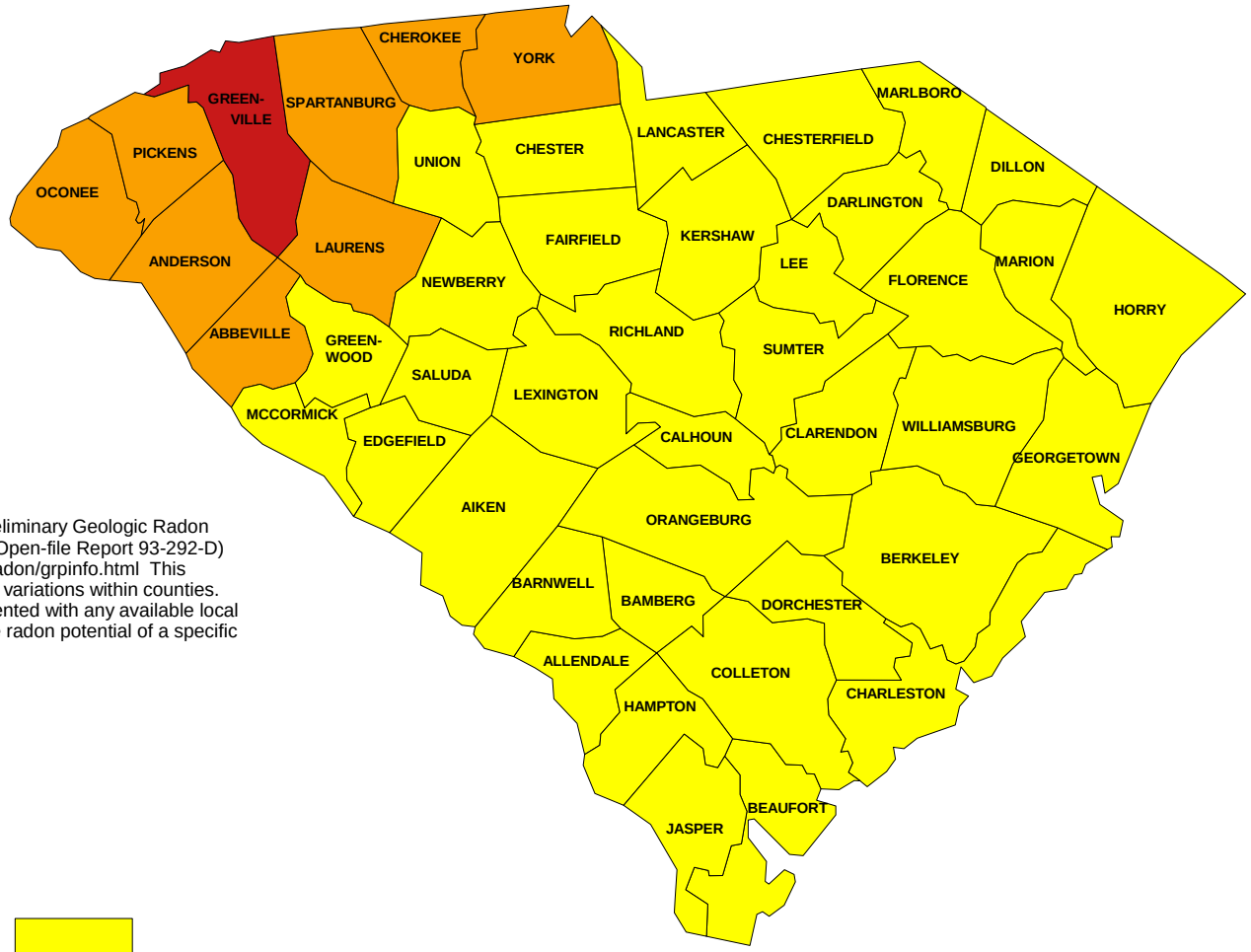
SOUTH CAROLINA - EPA Map of Radon Zones

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.



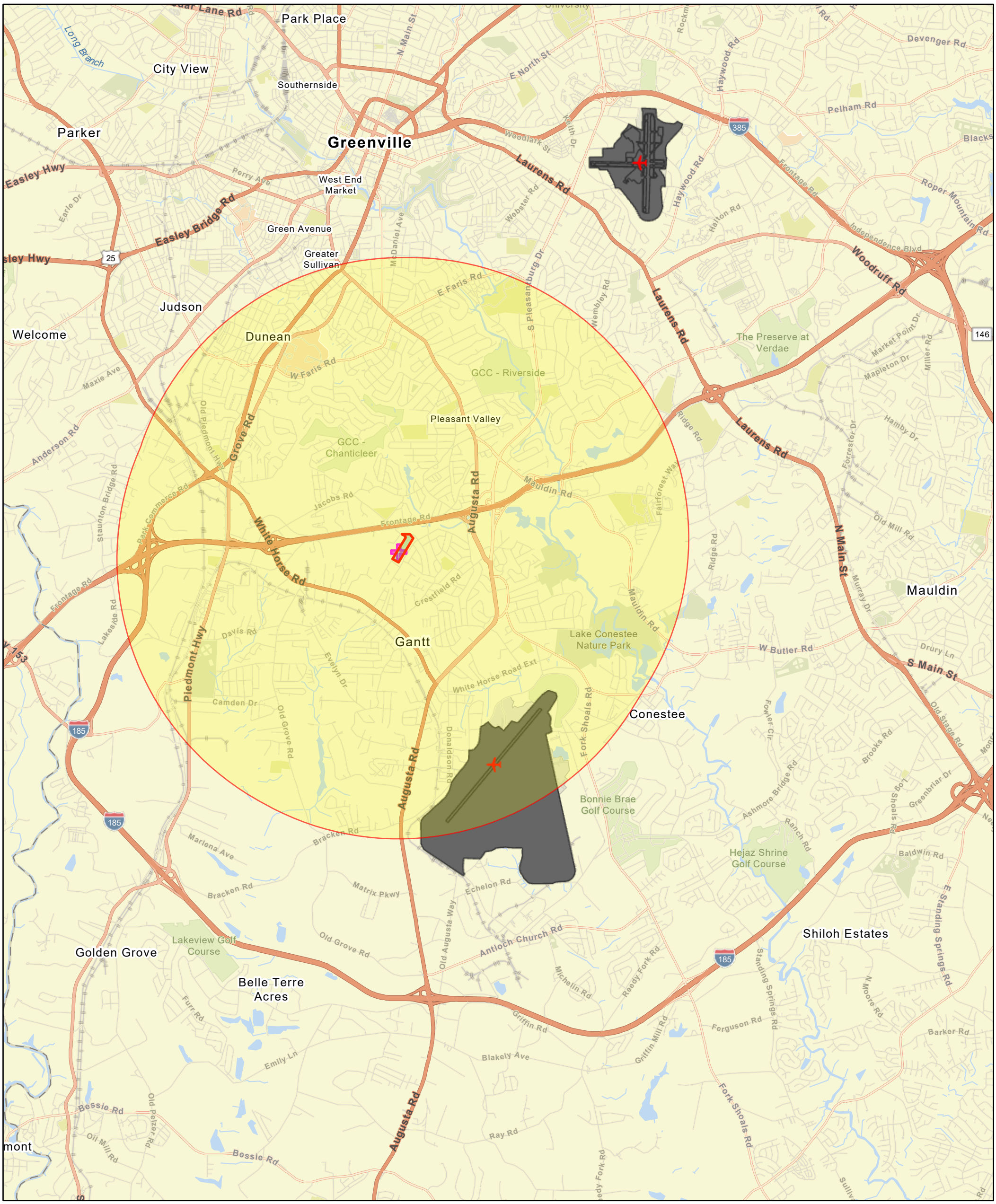
IMPORTANT: Consult the publication entitled "Preliminary Geologic Radon Potential Assessment of South Carolina" (USGS Open-file Report 93-292-D) before using this map. http://energy.cr.usgs.gov/radon/grpinfo.html This document contains information on radon potential variations within counties. EPA also 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

APPENDIX F

HEROS DOCUMENTATION

Airport Hazards within 15,000 Feet



September 10, 2024

Project Buffer

Highland Square

Search Result (point)

Airport Points

Airport Polygons

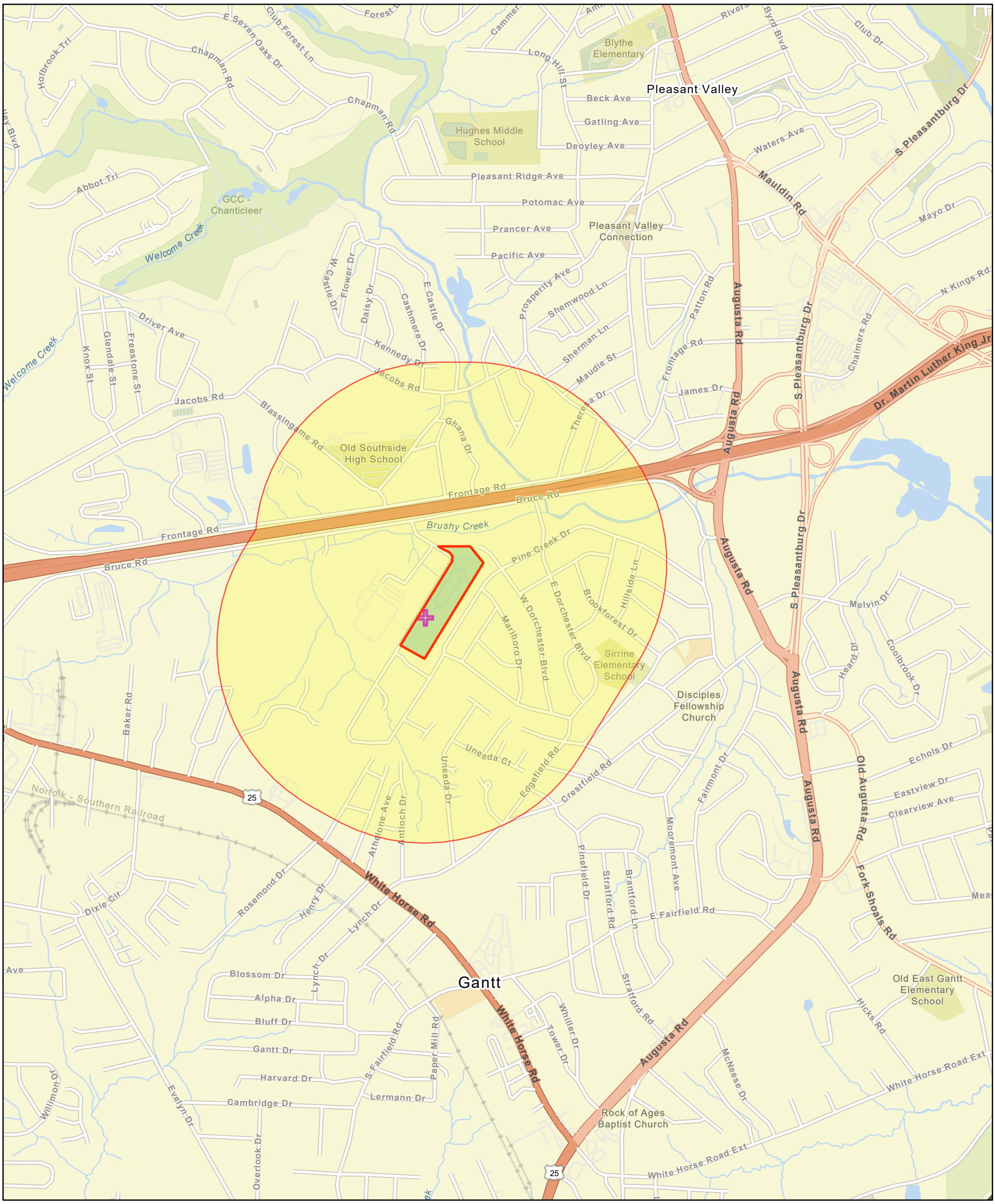
1:72,224

0 0.5 1 2 mi

0 1 2 4 km

City of Greenville, Anderson County SC GIS, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, USFWS, EPA OEI

Airport Hazards within 2,500 Feet



September 10, 2024

Project Buffer

Highland Square

Search Result (point)

Airport Polygons

1:18,056

0 0.17 0.35 0.7 mi

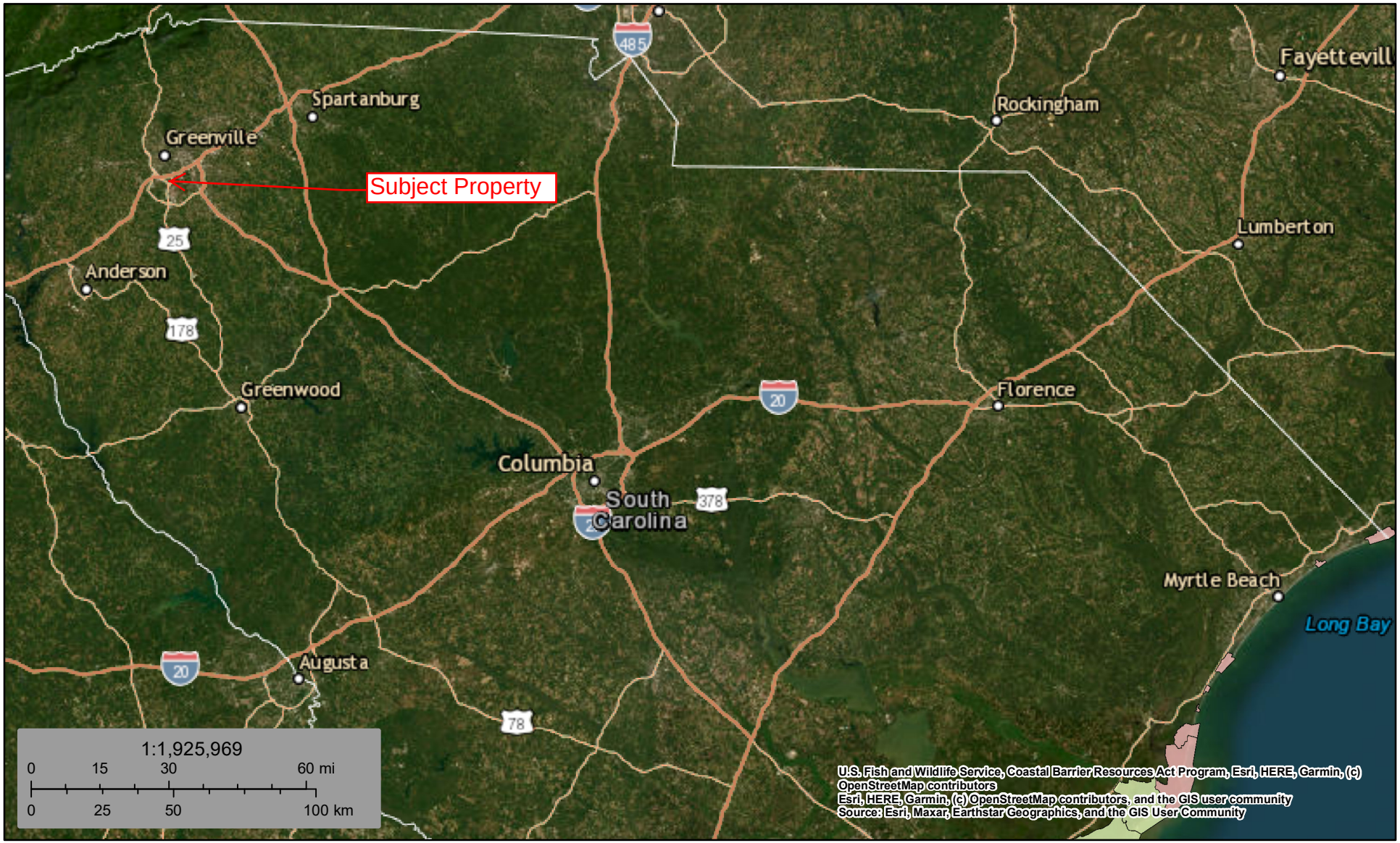
0 0.28 0.55 1.1 km

Esri Community Maps Contributors, City of Greenville, Anderson County SC GIS, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, EPA OEI

U.S. Fish and Wildlife Service

Coastal Barrier Resources System

Coastal Barrier Resources



September 11, 2024

CBRS Units

- Otherwise Protected Area
- System Unit

This map is for general reference only. The Coastal Barrier Resources System (CBRS) boundaries depicted on this map are representations of the controlling CBRS boundaries, which are shown on the official maps, accessible at https://www.fws.gov/library/collections/official-coastal-barrier-resources-system-maps. All CBRS related data should be used in accordance with the layer metadata found on the CBRS Mapper website.

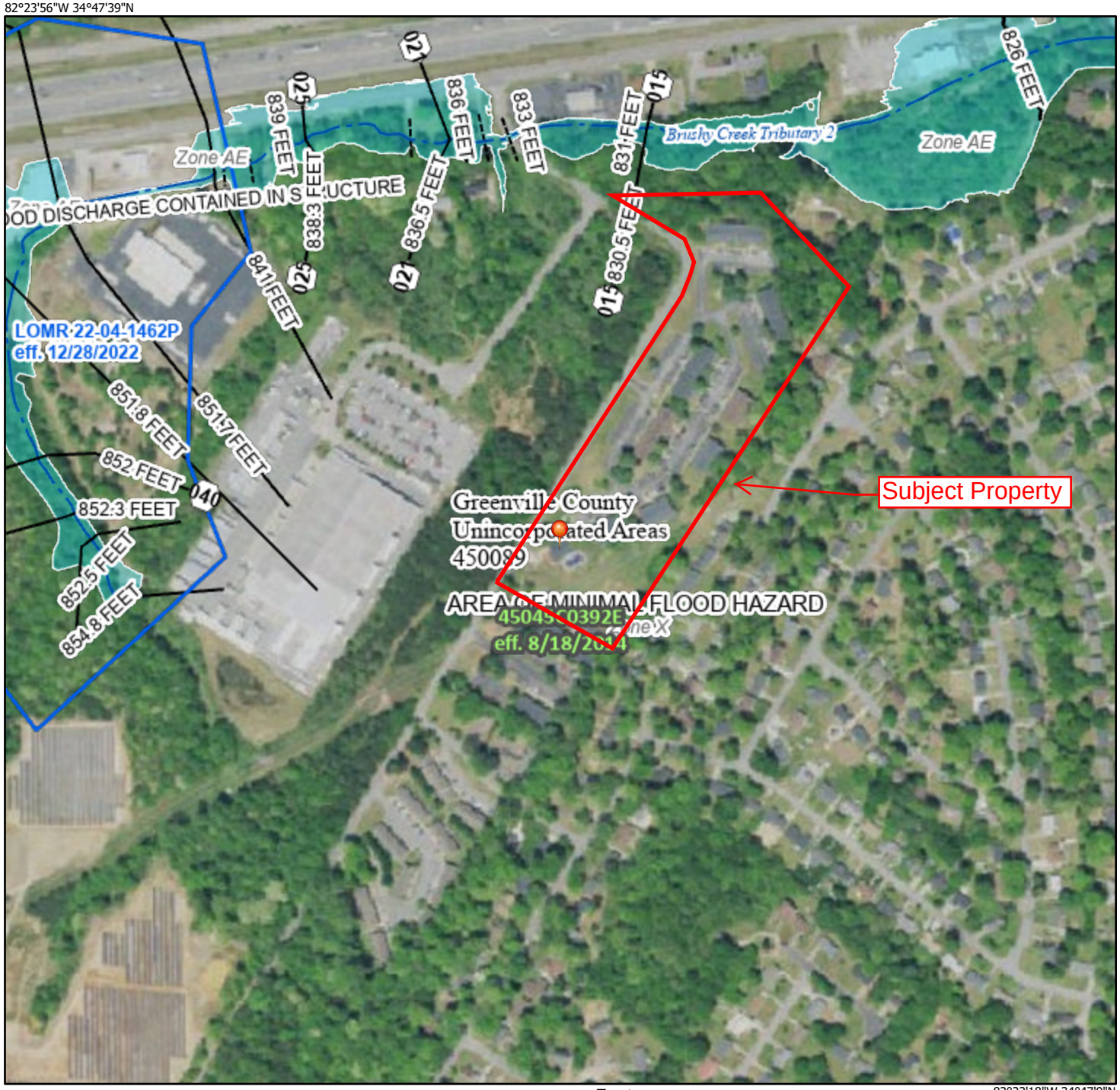
The CBRS Buffer Zone represents the area immediately adjacent to the CBRS boundary where users are advised to contact the Service for an official determination (https://www.fws.gov/service/coastal-barrier-resources-system-property-documentation) as to whether the property or project site is located "in" or "out" of the CBRS.

CBRS Units normally extend seaward out to the 20- or 30-foot bathymetric contour (depending on the location of the unit). The true seaward

National Flood Hazard Layer FIRMette

FEMA

82°23'56"W 34°47'39"N



82°23'18"W 34°47'9"N

Feet

0 250 500 1,000 1,500 2,000

1:6,000

Basemap Imagery Source: USGS National Map 2023

Legend

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

SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD

- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS

- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES

- B 20.2 / 17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
- 8 Coastal Transect
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS

- Digital Data Available
- No Digital Data Available
- Unmapped

N

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 9/10/2024 at 5:35 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.

200 Pine Creek Court Ext, Greer

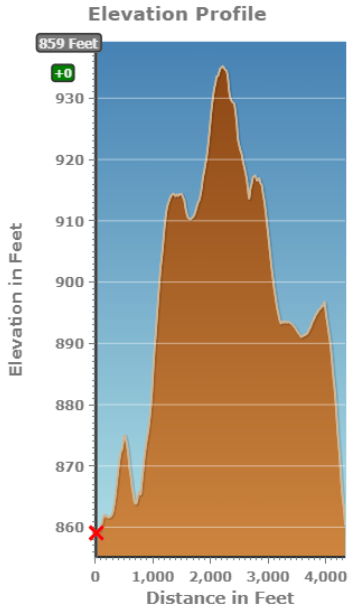
Show search results for 200 Pine Cre...

Elevation Profile

Measure | Profile Result

Hover over or touch the Elevations Profile chart to display elevations and show location on map.

Profile Information Clear Download



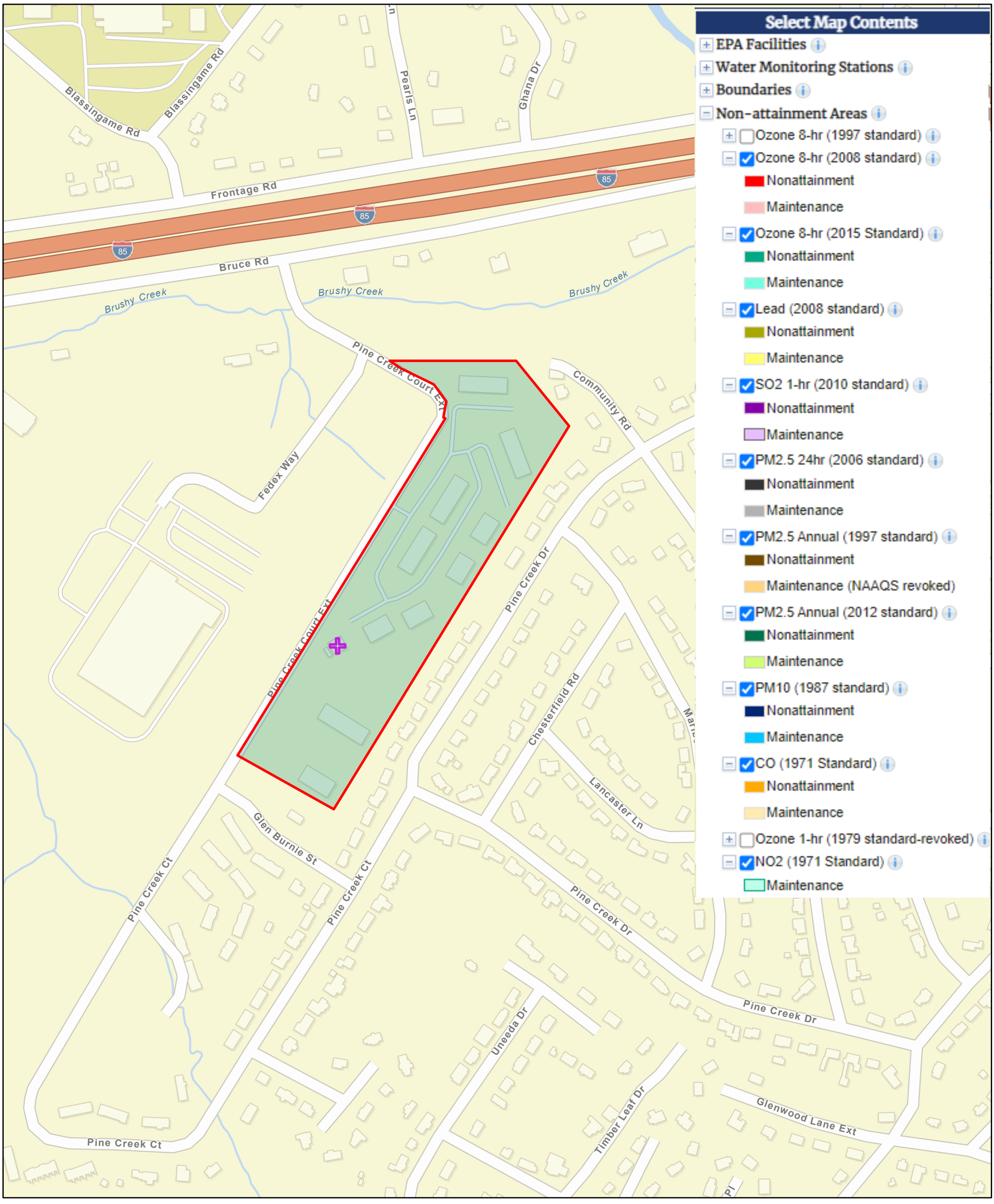
Community Status Book Report

Communities Participating in the National Flood Program

SOUTH CAROLINA

CID	Community Name	County	Init FHBM Identified	Init FIRM Identified	Curr Eff Map Date	Tribal	Reg-Emer Date	CRS Entry Date	Curr Eff Date	Curr Class	% Disc
450022#	EHRHARDT, TOWN OF	BAMBERG COUNTY	07/19/74	09/29/10	09/29/10	No	01/07/11				
450118B	ELGIN, TOWN OF	KERSHAW COUNTY	01/24/75	12/06/00	(NSFHA)	No	12/06/00				
450097#	ESTILL, TOWN OF	HAMPTON COUNTY	05/31/74	07/17/86	09/29/10(M)	No	07/17/86				
450010#	FAIRFAX, TOWN OF	ALLENDALE COUNTY	05/31/74	07/01/03	07/22/10(M)	No	07/01/03				
450075B	FAIRFIELD COUNTY *	FAIRFIELD COUNTY	11/25/77	07/19/82	09/28/18	No	07/19/82				
450076B	FLORENCE COUNTY *	FLORENCE COUNTY	04/28/78	09/02/82	12/16/14	No	09/02/82	05/01/10	05/01/10	9	05%
450078B	FLORENCE, CITY OF	FLORENCE COUNTY	05/31/74	12/01/81	12/16/14	No	12/01/81	10/01/91	05/01/18	6	20%
455415B	FOLLY BEACH, CITY OF	CHARLESTON COUNTY		04/02/71	01/29/21	No	04/02/71	10/01/96	10/01/22	3	35%
450174B	FOREST ACRES, CITY OF	RICHLAND COUNTY	06/07/74	11/05/80	12/21/17	No	11/05/80				
450195B	FORT MILL, TOWN OF	YORK COUNTY	05/31/74	06/18/80	05/16/17	No	06/18/80				
450209#	FOUNTAIN INN, CITY OF	LAURENS COUNTY/GREENVILLE COUNTY	07/23/76	06/17/86	08/18/14	No	06/17/86				
450098#	FURMAN, TOWN OF	HAMPTON COUNTY	06/14/74	06/03/86	09/29/10(M)	No	06/03/86				
450046#	GAFFNEY, CITY OF	CHEROKEE COUNTY	06/28/74	08/03/81	09/16/11	No	08/03/81				
450085A	GEORGETOWN COUNTY *	GEORGETOWN COUNTY	01/03/75	03/01/84	05/09/23	No	03/01/84	05/01/10	05/01/17	7	15%
	INCLUDES THE WACCAMAW NECK FLOOD DISTRICT.					No					
450087A	GEORGETOWN, CITY OF	GEORGETOWN COUNTY	06/07/74	09/29/78	05/09/23	No	09/29/78	10/01/93	05/01/14	7	15%
450099#	GIFFORD, TOWN OF	HAMPTON COUNTY	03/26/76	07/03/86	09/29/10(M)	No	07/03/86				
450132A	GILBERT, TOWN OF	LEXINGTON COUNTY	10/25/74	07/17/95	07/05/18	No	10/13/95				
450206B	GOOSE CREEK, CITY OF	BERKELEY COUNTY	12/20/74	02/17/82	12/07/18	No	02/17/82				
450210#	GRAY COURT, TOWN OF	LAURENS COUNTY	12/13/74	08/16/12	08/16/12(M)	No	11/20/12				
450049#	GREAT FALLS, TOWN OF	CHESTER COUNTY	06/14/74	06/25/76	09/16/11	No	06/25/76				
450188#	GREELEYVILLE, TOWN OF	WILLIAMSBURG COUNTY	06/21/74	06/25/76	11/16/12(M)	No	06/25/76				
450089D	GREENVILLE COUNTY *	GREENVILLE COUNTY	11/19/76	12/02/80	05/04/21	No	12/02/80	10/01/93	10/01/21	7	15%
	INCLUDES THE TOWN OF CITY VIEW					No					
450091D	GREENVILLE, CITY OF	GREENVILLE COUNTY	06/28/74	02/01/80	01/18/19	No	02/01/80	10/01/91	05/01/17	5	25%
450094B	GREENWOOD COUNTY*	GREENWOOD COUNTY	01/20/78	03/18/87	06/20/19	No	03/18/87				
450093B	GREENWOOD, CITY OF	GREENWOOD COUNTY	06/21/74	02/04/87	06/20/19	No	02/04/87				
450200D	GREER, CITY OF	SPARTANBURG COUNTY/GREENVILLE COUNTY	05/17/74	09/28/79	05/04/21	No	09/28/79				
450095#	HAMPTON COUNTY*	HAMPTON COUNTY	02/24/78	01/15/88	09/29/10	No	01/15/88				
450100#	HAMPTON, TOWN OF	HAMPTON COUNTY	05/24/74	05/17/88	09/29/10	No	05/17/88				
450030B	HANAHAN, CITY OF	BERKELEY COUNTY	06/28/74	06/15/81	12/07/18	No	06/15/81	10/01/18	04/01/24	6	20%
450113A	HARDEEVILLE, CITY OF	BEAUFORT COUNTY/JASPER COUNTY	06/14/74	09/01/87	03/23/21	No	09/01/87				
450070A	HARLEYVILLE, TOWN OF	DORCHESTER COUNTY	05/24/74	10/26/79	(NSFHA)	No	10/26/79				
450062#	HARTSVILLE, CITY OF	DARLINGTON COUNTY	06/07/74	09/01/87	02/06/13	No	09/01/87				
450189#	HEMINGWAY, TOWN OF	WILLIAMSBURG COUNTY	06/07/74	04/02/86	11/16/12	No	04/02/86				
450038#	HICKORY GROVE, TOWN OF	YORK COUNTY		09/26/08	09/26/08	No	11/17/08				
450250A	HILTON HEAD ISLAND, TOWN OF	BEAUFORT COUNTY		09/30/77	03/23/21	No	09/12/84	10/01/91	05/01/10	5	25%

NAAQS Attainment Map



September 11, 2024

Highland Square

Search Result (point)

1:4,514

0 0.04 0.09 0.17 mi

0 0.05 0.1 0.2 km

Esri Community Maps Contributors, City of Greenville, Anderson County SC GIS, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, U.S. EPA Office of Air and Radiation (OAR) -

logo

Current Nonattainment Counties for All Criteria Pollutants

Data is current as of August 31, 2024

The 8-hour Ozone (1997) standard was revoked on April 6, 2015 and the 1-hour Ozone (1979) standard was revoked on June 15, 2005.
The asterisk (*) indicates only a portion of the county is included in the designated nonattainment area (NA).

Download National Dataset of all designated areas (currently nonattainment, maintenance, revoked):
dbf | xls | Data dictionary (PDF)

Listed by State, County, NAAQS * Part County NA NA Area Name (Classification, if applicable)

ALASKA
- Fairbanks North Star Borough
  - *PM-2.5 (2006)* *Fairbanks, AK - (Serious)

ARIZONA
- Cochise County
  - *PM-10 (1987)* *Cochise County; Paul Spur/Douglas planning area, AZ - (Moderate)
- Gila County
  - *Lead (2008)* *Hayden, AZ
  - *PM-10 (1987)* *Hayden, AZ - (Moderate)
  - *PM-10 (1987)* *Miami, AZ - (Moderate)
  - *Sulfur Dioxide (2010)* *Hayden, AZ
  - *Sulfur Dioxide (2010)* *Miami, AZ
  - *8-Hour Ozone (2015)* *Phoenix-Mesa, AZ - (Moderate)
- Maricopa County
  - *PM-10 (1987)* *Maricopa and Pinal Counties; Phoenix planning area, AZ - (Serious)
  - *8-Hour Ozone (2008)* *Phoenix-Mesa, AZ - (Moderate)
  - *8-Hour Ozone (2015)* *Phoenix-Mesa, AZ - (Moderate)
- Pima County
  - *PM-10 (1987)* *Pima County; Rillito planning area, AZ - (Moderate)
- Pinal County
  - *Lead (2008)* *Hayden, AZ
  - *PM-10 (1987)* *Hayden, AZ - (Moderate)
  - *PM-10 (1987)* *Maricopa and Pinal Counties; Phoenix planning area, AZ - (Serious)
  - *PM-10 (1987)* *Miami, AZ - (Moderate)
  - *PM-10 (1987)* *Pinal County (part); West Pinal, AZ - (Serious)
  - *PM-2.5 (2006)* *West Central Pinal, AZ - (Moderate)
  - *Sulfur Dioxide (1971)* *Hayden (Pinal County), AZ
  - *Sulfur Dioxide (2010)* *Hayden, AZ
  - *8-Hour Ozone (2008)* *Phoenix-Mesa, AZ - (Moderate)
  - *8-Hour Ozone (2015)* *Phoenix-Mesa, AZ - (Moderate)
- Santa Cruz County
  - *PM-10 (1987)* *Santa Cruz County; Nogales planning area, AZ - (Moderate)
- Yuma County
  - *PM-10 (1987)* *Yuma, AZ - (Moderate)
  - *8-Hour Ozone (2015)* *Yuma, AZ - (Marginal)

CALIFORNIA
- Alameda County
  - *PM-2.5 (2006)* San Francisco Bay Area, CA - (Moderate)

8-Hour Ozone (2008) San Francisco Bay Area, CA - (Marginal)
8-Hour Ozone (2015) San Francisco Bay Area, CA - (Marginal)
Amador County
8-Hour Ozone (2015) Amador County, CA - (Marginal)
Butte County
8-Hour Ozone (2008) Chico (Butte County), CA - (Marginal)
8-Hour Ozone (2015) Butte County, CA - (Marginal)
Calaveras County
8-Hour Ozone (2008) Calaveras County, CA - (Marginal)
8-Hour Ozone (2015) Calaveras County, CA - (Marginal)
Contra Costa County
PM-2.5 (2006) San Francisco Bay Area, CA - (Moderate)
8-Hour Ozone (2008) San Francisco Bay Area, CA - (Marginal)
8-Hour Ozone (2015) San Francisco Bay Area, CA - (Marginal)
El Dorado County
PM-2.5 (2006) *Sacramento, CA - (Moderate)
8-Hour Ozone (2008) *Sacramento Metro, CA - (Severe 15)
8-Hour Ozone (2015) *Sacramento Metro, CA - (Serious)
Fresno County
PM-2.5 (1997) San Joaquin Valley, CA - (Serious)
PM-2.5 (2006) San Joaquin Valley, CA - (Serious)
PM-2.5 (2012) San Joaquin Valley, CA - (Serious)
8-Hour Ozone (2008) San Joaquin Valley, CA - (Extreme)
8-Hour Ozone (2015) San Joaquin Valley, CA - (Extreme)
Imperial County
PM-2.5 (2006) *Imperial County, CA - (Moderate)
PM-2.5 (2012) *Imperial County, CA - (Moderate)
8-Hour Ozone (2008) Imperial County, CA - (Moderate)
8-Hour Ozone (2015) Imperial County, CA - (Marginal)
Inyo County
PM-10 (1987) *Inyo County; Owens Valley planning area, CA - (Serious)
Kern County
PM-10 (1987) *East Kern County, CA - (Serious)
PM-2.5 (1997) *San Joaquin Valley, CA - (Serious)
PM-2.5 (2006) *San Joaquin Valley, CA - (Serious)
PM-2.5 (2012) *San Joaquin Valley, CA - (Serious)
8-Hour Ozone (2008) *Kern County (Eastern Kern), CA - (Severe 15)
8-Hour Ozone (2008) *San Joaquin Valley, CA - (Extreme)
8-Hour Ozone (2015) *Kern County (Eastern Kern), CA - (Serious)
8-Hour Ozone (2015) *San Joaquin Valley, CA - (Extreme)
Kings County
PM-2.5 (1997) San Joaquin Valley, CA - (Serious)
PM-2.5 (2006) San Joaquin Valley, CA - (Serious)
PM-2.5 (2012) San Joaquin Valley, CA - (Serious)
8-Hour Ozone (2008) San Joaquin Valley, CA - (Extreme)
8-Hour Ozone (2015) San Joaquin Valley, CA - (Extreme)
Los Angeles County
Lead (2008) *Los Angeles County-South Coast Air Basin, CA
PM-2.5 (1997) *Los Angeles-South Coast Air Basin, CA - (Moderate)
PM-2.5 (2006) *Los Angeles-South Coast Air Basin, CA - (Serious)
PM-2.5 (2012) *Los Angeles-South Coast Air Basin, CA - (Serious)
8-Hour Ozone (2008) *Los Angeles-San Bernardino Counties (West Mojave Desert), CA - (Severe 15)
8-Hour Ozone (2008) *Los Angeles-South Coast Air Basin, CA - (Extreme)
8-Hour Ozone (2015) *Los Angeles-San Bernardino Counties (West Mojave Desert), CA - (Severe 15)
8-Hour Ozone (2015) *Los Angeles-South Coast Air Basin, CA - (Extreme)
Madera County
PM-2.5 (1997) San Joaquin Valley, CA - (Serious)
PM-2.5 (2006) San Joaquin Valley, CA - (Serious)
PM-2.5 (2012) San Joaquin Valley, CA - (Serious)

8-Hour Ozone (2008) San Joaquin Valley, CA - (Extreme)
8-Hour Ozone (2015) San Joaquin Valley, CA - (Extreme)

Marin County

PM-2.5 (2006) San Francisco Bay Area, CA - (Moderate)
8-Hour Ozone (2008) San Francisco Bay Area, CA - (Marginal)
8-Hour Ozone (2015) San Francisco Bay Area, CA - (Marginal)

Mariposa County

8-Hour Ozone (2008) Mariposa County, CA - (Moderate)
8-Hour Ozone (2015) Mariposa County, CA - (Moderate)

Merced County

PM-2.5 (1997) San Joaquin Valley, CA - (Serious)
PM-2.5 (2006) San Joaquin Valley, CA - (Serious)
PM-2.5 (2012) San Joaquin Valley, CA - (Serious)
8-Hour Ozone (2008) San Joaquin Valley, CA - (Extreme)
8-Hour Ozone (2015) San Joaquin Valley, CA - (Extreme)

Mono County

PM-10 (1987) *Mono Basin, CA - (Moderate)

Napa County

PM-2.5 (2006) San Francisco Bay Area, CA - (Moderate)
8-Hour Ozone (2008) San Francisco Bay Area, CA - (Marginal)
8-Hour Ozone (2015) San Francisco Bay Area, CA - (Marginal)

Nevada County

8-Hour Ozone (2008) *Nevada County (Western part), CA - (Serious)
8-Hour Ozone (2015) *Nevada County (Western part), CA - (Serious)

Orange County

PM-2.5 (1997) Los Angeles-South Coast Air Basin, CA - (Moderate)
PM-2.5 (2006) Los Angeles-South Coast Air Basin, CA - (Serious)
PM-2.5 (2012) Los Angeles-South Coast Air Basin, CA - (Serious)
8-Hour Ozone (2008) Los Angeles-South Coast Air Basin, CA - (Extreme)
8-Hour Ozone (2015) Los Angeles-South Coast Air Basin, CA - (Extreme)

Placer County

PM-2.5 (2006) *Sacramento, CA - (Moderate)
8-Hour Ozone (2008) *Sacramento Metro, CA - (Severe 15)
8-Hour Ozone (2015) *Sacramento Metro, CA - (Serious)

Plumas County

PM-2.5 (2012) *Plumas County, CA - (Serious)

Riverside County

PM-10 (1987) *Riverside County; Coachella Valley planning area, CA - (Serious)
PM-2.5 (1997) *Los Angeles-South Coast Air Basin, CA - (Moderate)
PM-2.5 (2006) *Los Angeles-South Coast Air Basin, CA - (Serious)
PM-2.5 (2012) *Los Angeles-South Coast Air Basin, CA - (Serious)
8-Hour Ozone (2008) *Los Angeles-South Coast Air Basin, CA - (Extreme)
8-Hour Ozone (2008) *Morongo Band of Mission Indians, CA - (Severe 15)
8-Hour Ozone (2008) *Pechanga Band of Luiseno Mission Indians of the Pechanga Reservation, CA - (Moderate)
8-Hour Ozone (2008) *Riverside County (Coachella Valley), CA - (Extreme)
8-Hour Ozone (2015) *Los Angeles-South Coast Air Basin, CA - (Extreme)
8-Hour Ozone (2015) *Morongo Band of Mission Indians, CA - (Serious)
8-Hour Ozone (2015) *Pechanga Band of Luiseno Mission Indians of the Pechanga Reservation, CA - (Moderate)
8-Hour Ozone (2015) *Riverside County (Coachella Valley), CA - (Severe 15)

Sacramento County

PM-2.5 (2006) Sacramento, CA - (Moderate)
8-Hour Ozone (2008) Sacramento Metro, CA - (Severe 15)
8-Hour Ozone (2015) Sacramento Metro, CA - (Serious)

San Bernardino County

PM-10 (1987) *San Bernardino County, CA - (Moderate)
PM-10 (1987) *Trona, CA - (Moderate)
PM-2.5 (1997) *Los Angeles-South Coast Air Basin, CA - (Moderate)
PM-2.5 (2006) *Los Angeles-South Coast Air Basin, CA - (Serious)
PM-2.5 (2012) *Los Angeles-South Coast Air Basin, CA - (Serious)

8-Hour Ozone (2008) *Los Angeles-San Bernardino Counties (West Mojave Desert), CA - (Severe 15)
8-Hour Ozone (2008) *Los Angeles-South Coast Air Basin, CA - (Extreme)
8-Hour Ozone (2015) *Los Angeles-San Bernardino Counties (West Mojave Desert), CA - (Severe 15)
8-Hour Ozone (2015) *Los Angeles-South Coast Air Basin, CA - (Extreme)

San Diego County

8-Hour Ozone (2008) *Pechanga Band of Luiseno Mission Indians of the Pechanga Reservation, CA - (Moderate)
8-Hour Ozone (2008) *San Diego County, CA - (Severe 15)
8-Hour Ozone (2015) *Pechanga Band of Luiseno Mission Indians of the Pechanga Reservation, CA - (Moderate)
8-Hour Ozone (2015) *San Diego County, CA - (Severe 15)

San Francisco County

PM-2.5 (2006) San Francisco Bay Area, CA - (Moderate)
8-Hour Ozone (2008) San Francisco Bay Area, CA - (Marginal)
8-Hour Ozone (2015) San Francisco Bay Area, CA - (Marginal)

San Joaquin County

PM-2.5 (1997) San Joaquin Valley, CA - (Serious)
PM-2.5 (2006) San Joaquin Valley, CA - (Serious)
PM-2.5 (2012) San Joaquin Valley, CA - (Serious)
8-Hour Ozone (2008) San Joaquin Valley, CA - (Extreme)
8-Hour Ozone (2015) San Joaquin Valley, CA - (Extreme)

San Luis Obispo County

8-Hour Ozone (2008) *San Luis Obispo (Eastern San Luis Obispo), CA - (Marginal)
8-Hour Ozone (2015) *San Luis Obispo (Eastern part), CA - (Marginal)

San Mateo County

PM-2.5 (2006) San Francisco Bay Area, CA - (Moderate)
8-Hour Ozone (2008) San Francisco Bay Area, CA - (Marginal)
8-Hour Ozone (2015) San Francisco Bay Area, CA - (Marginal)

Santa Clara County

PM-2.5 (2006) San Francisco Bay Area, CA - (Moderate)
8-Hour Ozone (2008) San Francisco Bay Area, CA - (Marginal)
8-Hour Ozone (2015) San Francisco Bay Area, CA - (Marginal)

Solano County

PM-2.5 (2006) *Sacramento, CA - (Moderate)
PM-2.5 (2006) *San Francisco Bay Area, CA - (Moderate)
8-Hour Ozone (2008) *Sacramento Metro, CA - (Severe 15)
8-Hour Ozone (2008) *San Francisco Bay Area, CA - (Marginal)
8-Hour Ozone (2015) *Sacramento Metro, CA - (Serious)
8-Hour Ozone (2015) *San Francisco Bay Area, CA - (Marginal)

Sonoma County

PM-2.5 (2006) *San Francisco Bay Area, CA - (Moderate)
8-Hour Ozone (2008) *San Francisco Bay Area, CA - (Marginal)
8-Hour Ozone (2015) *San Francisco Bay Area, CA - (Marginal)

Stanislaus County

PM-2.5 (1997) San Joaquin Valley, CA - (Serious)
PM-2.5 (2006) San Joaquin Valley, CA - (Serious)
PM-2.5 (2012) San Joaquin Valley, CA - (Serious)
8-Hour Ozone (2008) San Joaquin Valley, CA - (Extreme)
8-Hour Ozone (2015) San Joaquin Valley, CA - (Extreme)

Sutter County

8-Hour Ozone (2008) *Sacramento Metro, CA - (Severe 15)
8-Hour Ozone (2015) *Sacramento Metro, CA - (Serious)
8-Hour Ozone (2015) *Sutter Buttes, CA - (Marginal)

Tehama County

8-Hour Ozone (2008) *Tuscan Buttes, CA - (Marginal)
8-Hour Ozone (2015) *Tuscan Buttes, CA - (Marginal (Rural Transport))

Tulare County

PM-2.5 (1997) San Joaquin Valley, CA - (Serious)
PM-2.5 (2006) San Joaquin Valley, CA - (Serious)

PM-2.5 (2012) San Joaquin Valley, CA - (Serious)
8-Hour Ozone (2008) San Joaquin Valley, CA - (Extreme)
8-Hour Ozone (2015) San Joaquin Valley, CA - (Extreme)

Tuolumne County
8-Hour Ozone (2015) Tuolumne County, CA - (Marginal)

Ventura County
8-Hour Ozone (2008) *Ventura County, CA - (Serious)
8-Hour Ozone (2015) *Ventura County, CA - (Serious)

Yolo County
PM-2.5 (2006) *Sacramento, CA - (Moderate)
8-Hour Ozone (2008) Sacramento Metro, CA - (Severe 15)
8-Hour Ozone (2015) Sacramento Metro, CA - (Serious)

COLORADO

Adams County
8-Hour Ozone (2008) Denver-Boulder-Greeley-Ft. Collins-Loveland, CO - (Severe 15)
8-Hour Ozone (2015) Denver Metro/North Front Range, CO - (Serious)

Arapahoe County
8-Hour Ozone (2008) Denver-Boulder-Greeley-Ft. Collins-Loveland, CO - (Severe 15)
8-Hour Ozone (2015) Denver Metro/North Front Range, CO - (Serious)

Boulder County
8-Hour Ozone (2008) Denver-Boulder-Greeley-Ft. Collins-Loveland, CO - (Severe 15)
8-Hour Ozone (2015) Denver Metro/North Front Range, CO - (Serious)

Broomfield County
8-Hour Ozone (2008) Denver-Boulder-Greeley-Ft. Collins-Loveland, CO - (Severe 15)
8-Hour Ozone (2015) Denver Metro/North Front Range, CO - (Serious)

Denver County
8-Hour Ozone (2008) Denver-Boulder-Greeley-Ft. Collins-Loveland, CO - (Severe 15)
8-Hour Ozone (2015) Denver Metro/North Front Range, CO - (Serious)

Douglas County
8-Hour Ozone (2008) Denver-Boulder-Greeley-Ft. Collins-Loveland, CO - (Severe 15)
8-Hour Ozone (2015) Denver Metro/North Front Range, CO - (Serious)

Jefferson County
8-Hour Ozone (2008) Denver-Boulder-Greeley-Ft. Collins-Loveland, CO - (Severe 15)
8-Hour Ozone (2015) Denver Metro/North Front Range, CO - (Serious)

Larimer County
8-Hour Ozone (2008) *Denver-Boulder-Greeley-Ft. Collins-Loveland, CO - (Severe 15)
8-Hour Ozone (2015) *Denver Metro/North Front Range, CO - (Serious)

Weld County
8-Hour Ozone (2008) *Denver-Boulder-Greeley-Ft. Collins-Loveland, CO - (Severe 15)
8-Hour Ozone (2015) Denver Metro/North Front Range, CO - (Serious)

CONNECTICUT

Fairfield County
8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Serious)

Hartford County
8-Hour Ozone (2008) Greater Connecticut, CT - (Serious)
8-Hour Ozone (2015) Greater Connecticut, CT - (Serious)

Litchfield County
8-Hour Ozone (2008) Greater Connecticut, CT - (Serious)
8-Hour Ozone (2015) Greater Connecticut, CT - (Serious)

Middlesex County
8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Serious)

New Haven County
8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Serious)

New London County
8-Hour Ozone (2008) Greater Connecticut, CT - (Serious)
8-Hour Ozone (2015) Greater Connecticut, CT - (Serious)

Tolland County
8-Hour Ozone (2008) Greater Connecticut, CT - (Serious)

8-Hour Ozone (2015) Greater Connecticut, CT - (Serious)
Windham County
8-Hour Ozone (2008) Greater Connecticut, CT - (Serious)
8-Hour Ozone (2015) Greater Connecticut, CT - (Serious)

DELAWARE
New Castle County
8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)
8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Serious)
Sussex County
8-Hour Ozone (2008) Seaford, DE - (Marginal)

DISTRICT OF COLUMBIA
District of Columbia
8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)

GUAM
Guam
*Sulfur Dioxide (1971)**Piti, GU
*Sulfur Dioxide (1971)**Tanguisson, GU
*Sulfur Dioxide (2010)**Piti-Cabras, GU

IDAHO
Bannock County
PM-10 (1987) *Power-Bannock Counties; Fort Hall Indian Reservation, ID - (Moderate)
Power County
PM-10 (1987) *Power-Bannock Counties; Fort Hall Indian Reservation, ID - (Moderate)

ILLINOIS
Cook County
8-Hour Ozone (2015) Chicago, IL-IN-WI - (Moderate)
DuPage County
8-Hour Ozone (2015) Chicago, IL-IN-WI - (Moderate)
Grundy County
*8-Hour Ozone (2015)**Chicago, IL-IN-WI - (Moderate)
Kane County
8-Hour Ozone (2015) Chicago, IL-IN-WI - (Moderate)
Kendall County
*8-Hour Ozone (2015)**Chicago, IL-IN-WI - (Moderate)
Lake County
8-Hour Ozone (2015) Chicago, IL-IN-WI - (Moderate)
Madison County
*Sulfur Dioxide (2010)**Alton Township, IL
8-Hour Ozone (2015) St. Louis, MO-IL - (Moderate)
McHenry County
8-Hour Ozone (2015) Chicago, IL-IN-WI - (Moderate)
Monroe County
8-Hour Ozone (2015) St. Louis, MO-IL - (Moderate)
St. Clair County
8-Hour Ozone (2015) St. Louis, MO-IL - (Moderate)
Will County
8-Hour Ozone (2015) Chicago, IL-IN-WI - (Moderate)

INDIANA
Huntington County
*Sulfur Dioxide (2010)**Huntington, IN
Lake County
*8-Hour Ozone (2015)**Chicago, IL-IN-WI - (Moderate)
Porter County
*8-Hour Ozone (2015)**Chicago, IL-IN-WI - (Moderate)

IOWA
Muscatine County
*Sulfur Dioxide (2010)**Muscatine, IA

KANSAS
Saline County
Lead (2008) *Saline County, KS

KENTUCKY

Bullitt County
8-Hour Ozone (2015) Louisville, KY-IN - (Moderate)
Henderson County
*Sulfur Dioxide (2010)**Henderson-Webster Counties, KY
Jefferson County
8-Hour Ozone (2015) Louisville, KY-IN - (Moderate)
Oldham County
8-Hour Ozone (2015) Louisville, KY-IN - (Moderate)
Webster County
*Sulfur Dioxide (2010)**Henderson-Webster Counties, KY

LOUISIANA

Evangeline Parish
*Sulfur Dioxide (2010)**Evangeline Parish (Partial), LA
St. Bernard Parish
Sulfur Dioxide (2010) St. Bernard Parish, LA

MARYLAND

Anne Arundel County
*Sulfur Dioxide (2010)**Anne Arundel County and Baltimore County, MD
8-Hour Ozone (2008) Baltimore, MD - (Moderate)
8-Hour Ozone (2015) Baltimore, MD - (Serious)
Baltimore County
*Sulfur Dioxide (2010)**Anne Arundel County and Baltimore County, MD
8-Hour Ozone (2008) Baltimore, MD - (Moderate)
8-Hour Ozone (2015) Baltimore, MD - (Serious)
Baltimore city
8-Hour Ozone (2008) Baltimore, MD - (Moderate)
8-Hour Ozone (2015) Baltimore, MD - (Serious)
Calvert County
8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)
Carroll County
8-Hour Ozone (2008) Baltimore, MD - (Moderate)
8-Hour Ozone (2015) Baltimore, MD - (Serious)
Cecil County
8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)
8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Serious)
Charles County
8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)
Frederick County
8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)
Harford County
8-Hour Ozone (2008) Baltimore, MD - (Moderate)
8-Hour Ozone (2015) Baltimore, MD - (Serious)
Howard County
8-Hour Ozone (2008) Baltimore, MD - (Moderate)
8-Hour Ozone (2015) Baltimore, MD - (Serious)
Montgomery County
8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)
Prince George's County
8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)

MASSACHUSETTS

Dukes County
8-Hour Ozone (2008) Dukes County, MA - (Marginal)

MICHIGAN

Allegan County
*8-Hour Ozone (2015)**Allegan County, MI - (Moderate)
Berrien County
8-Hour Ozone (2015) Berrien County, MI - (Moderate)
Muskegon County
*8-Hour Ozone (2015)**Muskegon County, MI - (Moderate)
St. Clair County
*Sulfur Dioxide (2010)**St. Clair, MI

Wayne County
Sulfur Dioxide (2010) *Detroit, MI

MINNESOTA

Dakota County
Lead (2008) *Eagan, MN

MISSOURI

Dent County
Lead (2008) *Iron, Dent, and Reynolds Counties, MO
Franklin County
8-Hour Ozone (2015) *St. Louis, MO-IL - (Moderate)
Iron County
Lead (2008) *Iron, Dent, and Reynolds Counties, MO
Jefferson County
Lead (1978) *Jefferson County (part); Herculaneum, MO
Lead (2008) *Jefferson County, MO
8-Hour Ozone (2015) St. Louis, MO-IL - (Moderate)
New Madrid County
Sulfur Dioxide (2010) *New Madrid County, MO
Reynolds County
Lead (2008) *Iron, Dent, and Reynolds Counties, MO
St. Charles County
8-Hour Ozone (2015) St. Louis, MO-IL - (Moderate)
St. Louis County
8-Hour Ozone (2015) St. Louis, MO-IL - (Moderate)
St. Louis city
8-Hour Ozone (2015) St. Louis, MO-IL - (Moderate)

MONTANA

Lake County
PM-10 (1987) *Lake County; Polson, MT - (Moderate)
PM-10 (1987) *Lake County; Ronan, MT - (Moderate)
Rosebud County
PM-10 (1987) *Rosebud County; Lame Deer, MT - (Moderate)
Yellowstone County
Sulfur Dioxide (1971) *Laurel Area (Yellowstone County), MT

NEVADA

Clark County
8-Hour Ozone (2015) *Las Vegas, NV - (Moderate)

NEW JERSEY

Atlantic County
8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)
8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Serious)
Bergen County
8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Serious)
Burlington County
8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)
8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Serious)
Camden County
8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)
8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Serious)
Cape May County
8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)
8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Serious)
Cumberland County
8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)
8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Serious)
Essex County
8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Serious)
Gloucester County
8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)

8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Serious)
Hudson County
8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Serious)
Hunterdon County
8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Serious)
Mercer County
8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)
8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Serious)
Middlesex County
8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Serious)
Monmouth County
8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Serious)
Morris County
8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Serious)
Ocean County
8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)
8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Serious)
Passaic County
8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Serious)
Salem County
8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)
8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Serious)
Somerset County
8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Serious)
Sussex County
8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Serious)
Union County
8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Serious)
Warren County
8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Serious)

NEW MEXICO

Dona Ana County
PM-10 (1987) *Dona Ana County; Anthony, NM - (Moderate)
8-Hour Ozone (2015) *El Paso-Las Cruces, TX-NM - (Marginal)

NEW YORK

Bronx County
8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Serious)
Chautauqua County
8-Hour Ozone (2008) Jamestown, NY - (Marginal)
Kings County
8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Serious)
Nassau County
8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Serious)
New York County
PM-10 (1987) New York County, NY - (Moderate)
8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Serious)
Queens County

8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Serious)
Richmond County
8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Serious)
Rockland County
8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Serious)
St. Lawrence County
*Sulfur Dioxide (2010)**St. Lawrence County, NY
Suffolk County
8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Serious)
Westchester County
8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)
8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Serious)

OHIO

Cuyahoga County
8-Hour Ozone (2015) Cleveland, OH - (Moderate)
Geauga County
8-Hour Ozone (2015) Cleveland, OH - (Moderate)
Lake County
8-Hour Ozone (2015) Cleveland, OH - (Moderate)
Lorain County
8-Hour Ozone (2015) Cleveland, OH - (Moderate)
Medina County
8-Hour Ozone (2015) Cleveland, OH - (Moderate)
Morgan County
*Sulfur Dioxide (2010)**Muskingum River, OH
Portage County
8-Hour Ozone (2015) Cleveland, OH - (Moderate)
Stark County
Lead (2008) *Canton-Stark County, OH
Summit County
8-Hour Ozone (2015) Cleveland, OH - (Moderate)
Washington County
*Sulfur Dioxide (2010)**Muskingum River, OH

OREGON

Klamath County
PM-2.5 (2006) *Klamath Falls, OR - (Moderate)

PENNSYLVANIA

Allegheny County
PM-2.5 (1997) *Liberty-Clairton, PA - (Moderate)
PM-2.5 (2006) *Liberty-Clairton, PA - (Moderate)
PM-2.5 (2012) Allegheny County, PA - (Moderate)
*Sulfur Dioxide (2010)**Allegheny, PA
8-Hour Ozone (2008) Pittsburgh-Beaver Valley, PA - (Marginal)
Armstrong County
*Sulfur Dioxide (1971)**Armstrong County: Madison, Mahoning, Boggs, Washington, Pine, PA
*Sulfur Dioxide (2010)**Indiana, PA
8-Hour Ozone (2008) Pittsburgh-Beaver Valley, PA - (Marginal)
Beaver County
Lead (2008) *Lower Beaver Valley, PA
*Sulfur Dioxide (2010)**Beaver, PA
8-Hour Ozone (2008) Pittsburgh-Beaver Valley, PA - (Marginal)
Berks County
Lead (2008) *Lyons, PA
Lead (2008) *North Reading, PA
8-Hour Ozone (2008) Reading, PA - (Marginal)
Bucks County
8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)

8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Serious)
Butler County
8-Hour Ozone (2008) Pittsburgh-Beaver Valley, PA - (Marginal)
Carbon County
8-Hour Ozone (2008) Allentown-Bethlehem-Easton, PA - (Marginal)
Chester County
8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)
8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Serious)
Delaware County
8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)
8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Serious)
Fayette County
8-Hour Ozone (2008) Pittsburgh-Beaver Valley, PA - (Marginal)
Indiana County
Sulfur Dioxide (2010) Indiana, PA
Lancaster County
8-Hour Ozone (2008) Lancaster, PA - (Marginal)
Lehigh County
8-Hour Ozone (2008) Allentown-Bethlehem-Easton, PA - (Marginal)
Montgomery County
8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)
8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Serious)
Northampton County
8-Hour Ozone (2008) Allentown-Bethlehem-Easton, PA - (Marginal)
Philadelphia County
8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)
8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Serious)
Warren County
*Sulfur Dioxide (2010)**Warren, PA
Washington County
8-Hour Ozone (2008) Pittsburgh-Beaver Valley, PA - (Marginal)
Westmoreland County
8-Hour Ozone (2008) Pittsburgh-Beaver Valley, PA - (Marginal)

PUERTO RICO
Arecibo Municipio
Lead (2008) *Arecibo, PR
Bayamon Municipio
*Sulfur Dioxide (2010)**San Juan, PR
Catano Municipio
Sulfur Dioxide (2010) San Juan, PR
Guaynabo Municipio
*Sulfur Dioxide (2010)**San Juan, PR
Salinas Municipio
*Sulfur Dioxide (2010)**Guayama-Salinas, PR
San Juan Municipio
*Sulfur Dioxide (2010)**San Juan, PR
Toa Baja Municipio
*Sulfur Dioxide (2010)**San Juan, PR

TENNESSEE
Sullivan County
*Sulfur Dioxide (2010)**Sullivan County, TN

TEXAS
Anderson County
*Sulfur Dioxide (2010)**Freestone and Anderson Counties, TX
Bexar County
8-Hour Ozone (2015) San Antonio, TX - (Serious)
Brazoria County
8-Hour Ozone (2008) Houston-Galveston-Brazoria, TX - (Severe 15)
8-Hour Ozone (2015) Houston-Galveston-Brazoria, TX - (Serious)
Chambers County
8-Hour Ozone (2008) Houston-Galveston-Brazoria, TX - (Severe 15)

8-Hour Ozone (2015) Houston-Galveston-Brazoria, TX - (Serious)
Collin County
8-Hour Ozone (2008) Dallas-Fort Worth, TX - (Severe 15)
8-Hour Ozone (2015) Dallas-Fort Worth, TX - (Serious)
Dallas County
8-Hour Ozone (2008) Dallas-Fort Worth, TX - (Severe 15)
8-Hour Ozone (2015) Dallas-Fort Worth, TX - (Serious)
Denton County
8-Hour Ozone (2008) Dallas-Fort Worth, TX - (Severe 15)
8-Hour Ozone (2015) Dallas-Fort Worth, TX - (Serious)
El Paso County
PM-10 (1987) *El Paso County, TX - (Moderate)
8-Hour Ozone (2015) El Paso-Las Cruces, TX-NM - (Marginal)
Ellis County
8-Hour Ozone (2008) Dallas-Fort Worth, TX - (Severe 15)
8-Hour Ozone (2015) Dallas-Fort Worth, TX - (Serious)
Fort Bend County
8-Hour Ozone (2008) Houston-Galveston-Brazoria, TX - (Severe 15)
8-Hour Ozone (2015) Houston-Galveston-Brazoria, TX - (Serious)
Freestone County
*Sulfur Dioxide (2010)**Freestone and Anderson Counties, TX
Galveston County
8-Hour Ozone (2008) Houston-Galveston-Brazoria, TX - (Severe 15)
8-Hour Ozone (2015) Houston-Galveston-Brazoria, TX - (Serious)
Harris County
8-Hour Ozone (2008) Houston-Galveston-Brazoria, TX - (Severe 15)
8-Hour Ozone (2015) Houston-Galveston-Brazoria, TX - (Serious)
Howard County
*Sulfur Dioxide (2010)**Howard County, TX
Hutchinson County
*Sulfur Dioxide (2010)**Hutchinson County, TX
Johnson County
8-Hour Ozone (2008) Dallas-Fort Worth, TX - (Severe 15)
8-Hour Ozone (2015) Dallas-Fort Worth, TX - (Serious)
Kaufman County
8-Hour Ozone (2008) Dallas-Fort Worth, TX - (Severe 15)
8-Hour Ozone (2015) Dallas-Fort Worth, TX - (Serious)
Liberty County
8-Hour Ozone (2008) Houston-Galveston-Brazoria, TX - (Severe 15)
Montgomery County
8-Hour Ozone (2008) Houston-Galveston-Brazoria, TX - (Severe 15)
8-Hour Ozone (2015) Houston-Galveston-Brazoria, TX - (Serious)
Navarro County
*Sulfur Dioxide (2010)**Navarro County, TX
Panola County
*Sulfur Dioxide (2010)**Rusk and Panola Counties, TX
Parker County
8-Hour Ozone (2008) Dallas-Fort Worth, TX - (Severe 15)
8-Hour Ozone (2015) Dallas-Fort Worth, TX - (Serious)
Rockwall County
8-Hour Ozone (2008) Dallas-Fort Worth, TX - (Severe 15)
Rusk County
*Sulfur Dioxide (2010)**Rusk and Panola Counties, TX
Tarrant County
8-Hour Ozone (2008) Dallas-Fort Worth, TX - (Severe 15)
8-Hour Ozone (2015) Dallas-Fort Worth, TX - (Serious)
Titus County
*Sulfur Dioxide (2010)**Titus County, TX
Waller County
8-Hour Ozone (2008) Houston-Galveston-Brazoria, TX - (Severe 15)
Wise County

8-Hour Ozone (2008) Dallas-Fort Worth, TX - (Severe 15)
8-Hour Ozone (2015) Dallas-Fort Worth, TX - (Serious)

UTAH

Box Elder County
PM-2.5 (2006) *Salt Lake City, UT - (Serious)

Davis County
PM-2.5 (2006) Salt Lake City, UT - (Serious)
8-Hour Ozone (2015) Northern Wasatch Front, UT - (Moderate)

Duchesne County
8-Hour Ozone (2015) *Uinta Basin, UT - (Marginal)

Salt Lake County
PM-2.5 (2006) Salt Lake City, UT - (Serious)
Sulfur Dioxide (1971) Salt Lake County, UT
8-Hour Ozone (2015) Northern Wasatch Front, UT - (Moderate)

Tooele County
PM-2.5 (2006) *Salt Lake City, UT - (Serious)
Sulfur Dioxide (1971) *Tooele County, UT
8-Hour Ozone (2015) *Northern Wasatch Front, UT - (Moderate)

Uintah County
8-Hour Ozone (2015) *Uinta Basin, UT - (Marginal)

Utah County
PM-2.5 (2006) *Provo, UT - (Serious)
8-Hour Ozone (2015) *Southern Wasatch Front, UT - (Marginal)

Weber County
PM-2.5 (2006) *Salt Lake City, UT - (Serious)
8-Hour Ozone (2015) *Northern Wasatch Front, UT - (Moderate)

VIRGINIA

Alexandria city
8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)

Arlington County
8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)

Fairfax County
8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)

Fairfax city
8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)

Falls Church city
8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)

Giles County
Sulfur Dioxide (2010) *Giles County, VA

Loudoun County
8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)

Manassas Park city
8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)

Manassas city
8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)

Prince William County
8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)

WASHINGTON

Whatcom County
Sulfur Dioxide (2010) *Whatcom County, WA

WISCONSIN

Kenosha County
8-Hour Ozone (2015) *Chicago, IL-IN-WI - (Moderate)

Milwaukee County
8-Hour Ozone (2015) Milwaukee, WI - (Moderate)

Ozaukee County
8-Hour Ozone (2015) Milwaukee, WI - (Moderate)

Racine County
8-Hour Ozone (2015) *Milwaukee, WI - (Moderate)

Sheboygan County
8-Hour Ozone (2015) *Sheboygan County, WI - (Moderate)

Washington County
8-Hour Ozone (2015) *Milwaukee, WI - (Moderate)
Waukesha County
8-Hour Ozone (2015) *Milwaukee, WI - (Moderate)

WYOMING

Lincoln County
8-Hour Ozone (2008) *Upper Green River Basin Area, WY - (Marginal)
Sublette County
8-Hour Ozone (2008) Upper Green River Basin Area, WY - (Marginal)
Sweetwater County
8-Hour Ozone (2008) *Upper Green River Basin Area, WY - (Marginal)

STATE COASTAL ZONE BOUNDARIES
February 9, 2012

STATE	DEFINITION OF STATE'S COASTAL ZONE **(The seaward boundary of the Great Lake States is the U.S.-Canada International boundary, and for all other States is the 3 nautical mile territorial sea, except for those States marked with an asterisk (*)**
ALABAMA	Alabama's coastal zone extends inland to the continuous 10-foot elevation contour in Baldwin and Mobile Counties.
ALASKA	As of July 1, 2011, Alaska no longer has a federally approved coastal management program or defined coastal zone and federal consistency does not apply to Alaska. Contact NOAA's Office of Ocean and Coastal Resource Management for additional information.
AMERICAN SAMOA	American Samoa's coastal zone is the entire Territory.
CALIFORNIA & BCDC	California's coastal zone generally extends 1,000 yards inland from the mean high tide line. In significant coastal estuarine habitat and recreational areas it extends inland to the first major ridgeline or 5 miles from the mean high tide line, whichever is less. In developed urban areas, the boundary is generally less than 1,000 yards. The coastal zone for the San Francisco Bay Conservation and Development Commission (BCDC) includes the open water, marshes and mudflats of greater San Francisco Bay, and areas 100 feet inland from the line of highest tidal action. The boundary also includes: the Suisun marsh and buffer zone: managed wetlands diked off from the Bay; and open waters diked off from the Bay and used in salt production.
CONNECTICUT	Connecticut's coastal zone has two tiers incorporated within the 36 coastal townships. The first tier is bounded by a continuous line delineated by a 1,000 foot linear setback measured from the mean high water mark in coastal waters; or a 1,000 foot linear setback measured from the inland boundary of state regulated tidal wetlands; or the continuous interior contour elevation of the one hundred year frequency coastal flood zone; whichever is farthest inland. The second tier is the area between the inland boundary of the 36 coastal communities and the inland boundary of the first tier.
DELAWARE	Delaware's coastal zone includes the whole state.
FLORIDA *	Florida's coastal zone is the entire State, but has two tiers. Local governments eligible to receive coastal management funds are limited to those Gulf and Atlantic coastal cities and counties which include or are contiguous to state water bodies where marine species of vegetation constitute the dominant plant community. Florida's seaward boundary in the Gulf of Mexico is 3 marine leagues (9 nautical miles) and is 3 nautical miles in the Atlantic.
GEORGIA	Georgia's coastal zone includes the 11 counties that border tidally-influenced waters or have economies that are closely tied to coastal resources.
GUAM	Guam's coastal zone is the entire Territory.
HAWAI'I	Hawai'i's coastal zone is the entire state.

ILLINOIS	Illinois' coastal zone has two components. The Lakeshore Boundary is based on the Lake Michigan watershed and is generally parallel to the Lake Michigan shoreline. The Inland Waterway Boundary includes Inland Waterway Corridors, which are select segments of the Chicago River system (North Branch, South Branch, Main Branch and North Shore Channel) and select segments of the Little Calumet and Grand Calumet Rivers. The Inland Waterway Corridors consist of both the waterway and designated land area to either side of the waterway.
INDIANA	Indiana's coastal zone is based on watershed boundaries within coastal townships and the counties of Lake, Porter and LaPorte. To create an inland boundary that is identifiable in practical landmarks, the coastal zone boundary is described based on the U.S. Geological Survey Quadrangle maps and major roads for each county. The coastal zone boundary is located in the northern portions of Lake, Porter, and LaPorte Counties. At its widest extent, the boundary extends away from the shoreline 17 miles to the Crown Point area and at its narrowest point, less than 2 miles, just north of Hudson Lake in LaPorte County. *See* NOAA, *Indiana Lake Michigan Coastal Program and Final Environmental Impact Statement*, Appendix C (April 2002), to determine the precise coastal zone boundary in a particular area of the State.
LOUISIANA	Louisiana's coastal zone varies from 16 to 32 miles inland from the Gulf coast and generally follows the Intracoastal Waterway running from the Texas-Louisiana state line then follows highways through Vermilion, Iberia, and St. Mary parishes, then dipping southward following the natural ridges below Houma, then turning northward to take in Lake Pontchartrain and ending at the Mississippi-Louisiana border.
MAINE	Maine's coastal zone includes the inland line of coastal towns on tidewaters and all islands.
MARYLAND	Maryland's coastal zone extends to the inland boundary of the 16 counties bordering the Atlantic Ocean, the Chesapeake Bay, and the Potomac River (as far as the municipal limits of Washington, D.C), and includes Baltimore City and all local jurisdictions within the counties.
MASSACHUSETTS	Massachusetts' coastal zone extends 100 feet inland of specified major roads, RR tracks, or other visible right of ways which are located within a half mile of coastal waters or salt marshes. The coastal zone includes all islands, transitional and intertidal areas, and coastal wetlands and beaches. In instances where the road boundary excludes significant resource areas, the boundary line may depart from the road to encompass.
MICHIGAN	Michigan's coastal zone, generally, extends a minimum of 1,000 feet from the ordinary high water mark. The boundary extends further inland in some locations to encompass coastal lakes, rivermouths, and bays; floodplains; wetlands; dune areas; urban areas; and public park, recreation, and natural areas.
MINNESOTA	Minnesota's coastal zone is divided into three areas. The first includes the area of the St. Louis River in Carlton County, south of Duluth. The second is the city of Duluth and surrounding areas of urban growth and expansion to the north and west. The third is the region between the Duluth city limits north to the Canadian border, also known as the "North Shore," which includes portions of St. Louis, Lake, and Cook Counties. *See* NOAA, *Minnesota's Lake Superior Coastal Program Final Environmental Impact Statement*, Chapter One, (May 1999), to determine the precise coastal zone boundary in a particular area of the State.

MISSISSIPPI	Mississippi's coastal zone includes the 3 counties adjacent to the coast. The coastal zone includes these counties, as well as all adjacent coastal waters. Included in this definition are the barrier islands of the coast.
NEW HAMPSHIRE	New Hampshire's coastal zone is the 17 coastal municipalities.
NEW JERSEY	New Jersey's coastal zone recognizes four distinct regions of the State and treats them separately. From the New York border to the Raritan Bay, the boundary extends landward from mean high water to the first road or property line. From the Raritan Bay south along the Atlantic shoreline and up to the Delaware Memorial Bridge, the boundary extends from half a mile to 24 miles inland (1,376 square miles of land area). From the Delaware Memorial Bridge northward up the Delaware River to Trenton, the boundary extends landward to the first road inclusive of all wetlands. The fourth boundary serves a 31-mile square area in the northeast corner of the state bordering the Hudson river (New Jersey Meadowlands Commission).
NEW YORK	New York's coastal zone varies from region to region while incorporating the following conditions: The inland boundary is approximately 1,000 feet from the shoreline of the mainland. In urbanized and developed coastal locations the landward boundary is approximately 500 feet from the mainland's shoreline, or less than 500 feet where a roadway or railroad line runs parallel to the shoreline at a distance of under 500 feet and defines the boundary. In locations where major state-owned lands and facilities or electric power generating facilities abut the shoreline, the boundary extends inland to include them. In some areas, such as Long Island Sound and the Hudson River Valley, the boundary may extend inland up to 10,000 feet to encompass significant coastal resources, such as areas of exceptional scenic value, agricultural or recreational lands, and major tributaries and headlands.
NORTH CAROLINA	North Carolina's coastal zone includes the 20 counties that in whole or in part are adjacent to, adjoining, intersected by or bounded by the Atlantic Ocean or any coastal sound(s). Within this boundary, there are two tiers. The first tier is comprised of Areas of Environmental Concern (AEC) and is subject to more thorough regulatory controls. AECs include: coastal wetlands, estuarine waters, public trust areas, estuarine shorelines, ocean beaches, frontal dunes, ocean erosion areas, inlet lands, small surface water supply watersheds, public water supply well-fields, and fragile natural resource areas. The second tier includes land uses which have potential to affect coastal waters even though they are not located in AECs.
NORTHERN MARIANA ISLANDS	Northern Mariana Islands' coastal zone is the entire Commonwealth. (Note: a recent federal court decision ruled that the Commonwealth does not own the adjacent territorial sea. A consent decree allows the CNMI to manage the area.)
OHIO	Ohio's coastal zone includes portions of 9 counties bordering Lake Erie and its tributaries and varies depending on biophysical characteristics of various coastal regions– in the western part of the coast the boundary extends inland up to 15 miles along certain low lying wetland and floodplain areas; in most of the eastern part of the State, areas with high bluffs, the boundary extends inland for only about an eighth of a mile, with the exception of the Mentor Marsh area.
OREGON	Oregon's coastal zone extends inland to the crest of the coastal range, except for the following: along the Umpqua River, where it extends upstream to Scottsburg; along the Rogue River, where it extends upstream to Agness; and except in the Columbia River Basin, where it extends upstream to the downstream end of Puget Island.

PENNSYLVANIA	Pennsylvania's coastal zone along Lake Erie varies from 900 feet in urban areas to over 3 miles in more rural areas, and encompasses the floodplains of Lake Erie and tributary streams, bluff hazards recession areas, and coastal wetlands. The coastal zone along the Delaware River Estuary extends inland to 660 feet in urbanized areas, to 3.5 miles in rural areas, and includes floodplains of the Delaware and Schuykill Rivers and their tributaries to the upper limit of tidal influence, and tidal and freshwater wetlands.
PUERTO RICO *	Puerto Rico's coastal zone, generally, extends 1,000 meters inland; however, it extends further inland in certain areas to include important coastal resources. Puerto Rico's seaward boundary is 3 marine leagues (9 nautical miles).
RHODE ISLAND	Rhode Island's coastal zone includes the whole state. However, the inland extent of the regulatory authority of the State's CZMA agency is 200 feet inland from any coastal feature, to watersheds, and to certain activities that occur anywhere within the State that include: power-generating plants; petroleum storage facilities; chemical or petroleum processing; minerals extraction; sewage treatment and disposal plants; solid waste disposal facilities; and, desalination plants.
SOUTH CAROLINA	South Carolina's coastal zone includes all lands and waters in the counties which contain any one or more of the critical areas (coastal waters, tidelands, beaches, and primary oceanfront sand dunes).
TEXAS *	Texas' coastal zone is generally the area seaward of the Texas coastal facility designation line which roughly follows roads that are parallel to coastal waters and wetlands generally within one mile of tidal rivers. The boundary encompasses all or portions of 18 coastal counties. Texas' seaward boundary is 3 marine leagues (9 nautical miles).
VIRGINIA	Virginia's coastal zone includes the 29 counties, 17 cities, and 42 incorporated towns of *Tidewater Virginia*, including the Atlantic Coast watershed and portions of the Chesapeake Bay and Albemarle-Pamlico Sound watersheds.
VIRGIN ISLANDS	Virgin Islands' coastal zone includes the entire territory.
WASHINGTON	Washington's coastal zone is the 15 coastal counties that front saltwater.
WISCONSIN	Wisconsin's coastal zone is the 15 counties that front Lake Superior, Lake Michigan, or Green Bay.

IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

NOT FOR CONSULTATION

Location

Greenville County, South Carolina

Local office

South Carolina Ecological Services

(843) 727-4707
(843) 727-4218

176 Croghan Spur Road, Suite 200
Charleston, SC 29407-7558

NOT FOR CONSULTATION

Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Draw the project location and click CONTINUE.
2. Click DEFINE PROJECT.
3. Log in (if directed to do so).
4. Provide a name and description for your project.
5. Click REQUEST SPECIES LIST.

Listed species[1] and their critical habitats are managed by the Ecological Services Program of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries[2]).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact NOAA Fisheries for species under their jurisdiction.

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1. Species listed under the Endangered Species Act are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the listing status page for more information. IPaC only shows species that are regulated by USFWS (see FAQ).

NOT FOR CONSULTATION

2. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

Mammals

NAME	STATUS
Tricolored Bat Perimyotis subflavus Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/10515	Proposed Endangered

Reptiles

NAME	STATUS
Bog Turtle Glyptemys muhlenbergii No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/6962	SAT

Insects

NAME	STATUS
Monarch Butterfly Danaus plexippus Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/9743	Candidate

Flowering Plants

NAME	STATUS
Bunched Arrowhead Sagittaria fasciculata Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/1720	Endangered
Dwarf-flowered Heartleaf Hexastylis naniflora Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/2458	Threatened

NOT FOR CONSULTATION

Mountain Sweet Pitcher-plant Sarracenia rubra ssp. jonesii — Endangered
Wherever found
No critical habitat has been designated for this species.
https://ecos.fws.gov/ecp/species/4283

Small Whorled Pogonia Isotria medeoloides — Threatened
No critical habitat has been designated for this species.
https://ecos.fws.gov/ecp/species/1890

Swamp Pink Helonias bullata — Threatened
No critical habitat has been designated for this species.
https://ecos.fws.gov/ecp/species/4333

White Fringeless Orchid Platanthera integrilabia — Threatened
No critical habitat has been designated for this species.
https://ecos.fws.gov/ecp/species/1889

Lichens

NAME	STATUS
Rock Gnome Lichen Gymnoderma lineare Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/3933	Endangered

NOT FOR CONSULTATION

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

There are no critical habitats at this location.

You are still required to determine if your project(s) may have effects on all above listed species.

Bald & Golden Eagles

Bald and golden eagles are protected under the Bald and Golden Eagle Protection Act[1] and the Migratory Bird Treaty Act[2].

Any person or organization who plans or conducts activities that may result in impacts to bald or golden eagles, or their habitats[3], should follow appropriate regulations and consider implementing appropriate conservation measures, as described in the links below. Specifically, please review the "Supplemental Information on Migratory Birds and Eagles".

Additional information can be found using the following links:

- Eagle Management https://www.fws.gov/program/eagle-management
- Measures for avoiding and minimizing impacts to birds https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds
- Nationwide conservation measures for birds https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf
- Supplemental Information for Migratory Birds and Eagles in IPaC https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action

There are likely bald eagles present in your project area. For additional information on bald eagles, refer to Bald Eagle Nesting and Sensitivity to Human Activity

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, see the PROBABILITY OF PRESENCE SUMMARY below to see when these birds are most likely to be present and breeding in your project area.

NOT FOR CONSULTATION

NAME	BREEDING SEASON
Bald Eagle *Haliaeetus leucocephalus* This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.	Breeds Sep 1 to Jul 31

Probability of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read "Supplemental Information on Migratory Birds and Eagles", specifically the FAQ section titled "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

Breeding Season (■)
Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

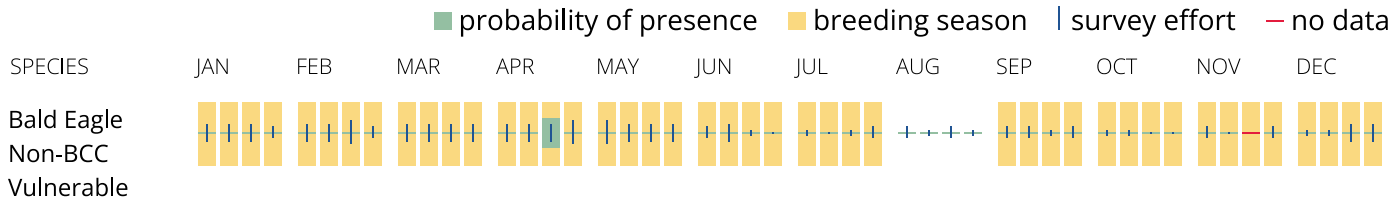
Survey Effort (|)
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

To see a bar's survey effort range, simply hover your mouse cursor over the bar.

No Data (–)
A week is marked as having no data if there were no survey events for that week.

Survey Timeframe
Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

NOT FOR CONSULTATION



What does IPaC use to generate the potential presence of bald and golden eagles in my specified location?

The potential for eagle presence is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle (Eagle Act requirements may apply). To see a list of all birds potentially present in your project area, please visit the Rapid Avian Information Locator (RAIL) Tool.

What does IPaC use to generate the probability of presence graphs of bald and golden eagles in my specified location?

The Migratory Bird Resource List is comprised of USFWS Birds of Conservation Concern (BCC) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle (Eagle Act requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the Rapid Avian Information Locator (RAIL) Tool.

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to obtain a permit to avoid violating the Eagle Act should such impacts occur. Please contact your local Fish and Wildlife Service Field Office if you have questions.

NOT FOR CONSULTATION

Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act[1] and the Bald and Golden Eagle Protection Act[2].

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats[3] should follow appropriate regulations and consider implementing appropriate conservation measures, as described in the links below.

Specifically, please review the "Supplemental Information on Migratory Birds and Eagles".

1. The Migratory Birds Treaty Act of 1918.
2. The Bald and Golden Eagle Protection Act of 1940.

Additional information can be found using the following links:

- Eagle Management https://www.fws.gov/program/eagle-management
- Measures for avoiding and minimizing impacts to birds https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds
- Nationwide conservation measures for birds https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf
- Supplemental Information for Migratory Birds and Eagles in IPaC https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action

The birds listed below are birds of particular concern either because they occur on the USFWS Birds of Conservation Concern (BCC) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ below. This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the E-bird data mapping tool (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found below.

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, see the PROBABILITY OF PRESENCE SUMMARY below to see when these birds are most likely to be present and breeding in your project area.

NOT FOR CONSULTATION

NAME	BREEDING SEASON
Bald Eagle *Haliaeetus leucocephalus* This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.	Breeds Sep 1 to Jul 31
Chimney Swift *Chaetura pelagica* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Mar 15 to Aug 25

Chuck-will's-widow Antrostomus carolinensis This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA	Breeds May 10 to Jul 10
Eastern Whip-poor-will Antrostomus vociferus This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 1 to Aug 20
Grasshopper Sparrow Ammodramus savannarum perpallidus This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/8329	Breeds Jun 1 to Aug 20
Prothonotary Warbler Protonotaria citrea This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Apr 1 to Jul 31
Red-headed Woodpecker Melanerpes erythrocephalus This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 10 to Sep 10
Rusty Blackbird Euphagus carolinus This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA	Breeds elsewhere
Wood Thrush Hylocichla mustelina This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 10 to Aug 31

NOT FOR CONSULTATION

Probability of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read "Supplemental Information on Migratory Birds and Eagles", specifically the FAQ section titled "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey

effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

Breeding Season (■)
Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort (|)
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

To see a bar's survey effort range, simply hover your mouse cursor over the bar.

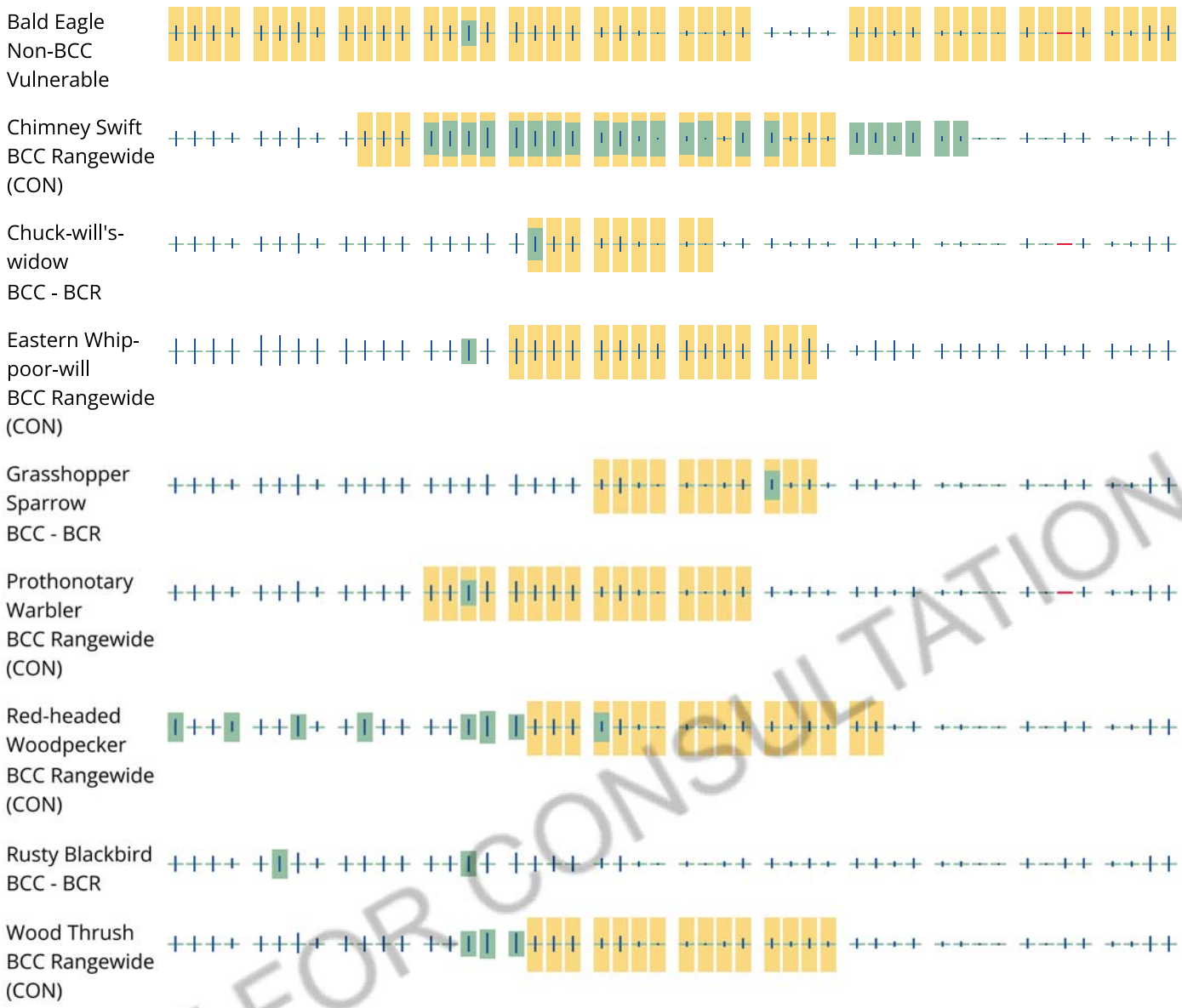
No Data (–)
A week is marked as having no data if there were no survey events for that week.

Survey Timeframe
Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

NOT FOR CONSULTATION

■ probability of presence ■ breeding season | survey effort – no data

SPECIES	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC



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Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

Nationwide Conservation Measures describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. Additional measures or permits may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the list of migratory birds that potentially occur in my specified location?

The Migratory Bird Resource List is comprised of USFWS Birds of Conservation Concern (BCC) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle (Eagle Act requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the Rapid Avian Information Locator (RAIL) Tool.

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the Avian Knowledge Network (AKN). This data is derived from a growing collection of survey, banding, and citizen science datasets.

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may query your location using the RAIL Tool and look at the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are Birds of Conservation Concern (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the Eagle Act requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects

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For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the Northeast Ocean Data Portal. The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the Diving Bird Study and the nanotag studies or contact Caleb Spiegel or Pam Loring.

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to obtain a permit to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

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Facilities

National Wildlife Refuge lands

Any activity proposed on lands managed by the National Wildlife Refuge system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

There are no refuge lands at this location.

Fish hatcheries

There are no fish hatcheries at this location.

Wetlands in the National Wetlands Inventory (NWI)

Impacts to NWI wetlands and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local U.S. Army Corps of Engineers District.

This location did not intersect any wetlands mapped by NWI.

NOTE: This initial screening does **not** replace an on-site delineation to determine whether wetlands occur. Additional information on the NWI data is provided below.

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Data limitations

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tuberficid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

Data precautions

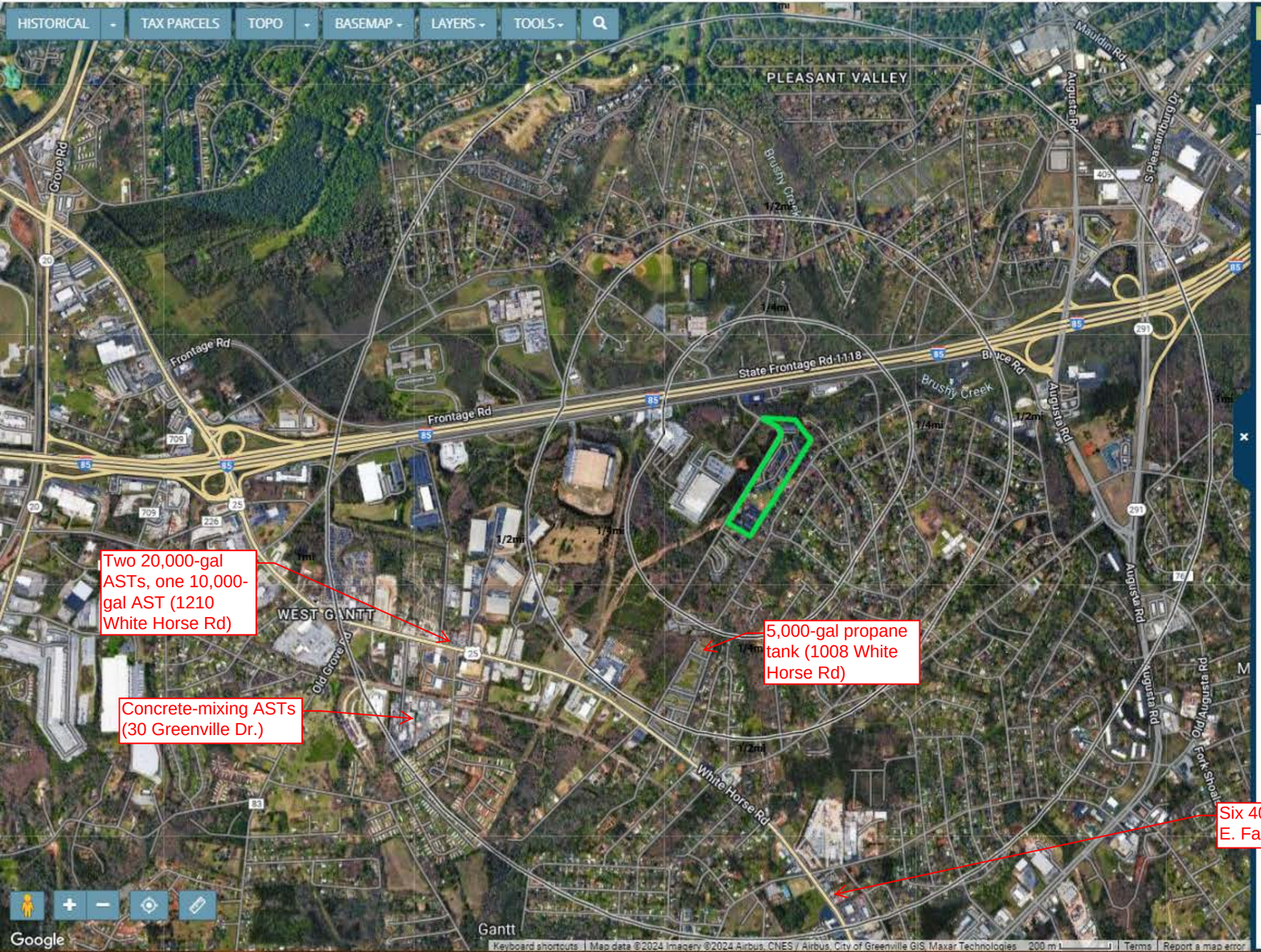
Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

NOT FOR CONSULTATION

EDR LIGHTBOX

497755, 200 PINE CREEK COURT, GREENVILLE, SC 29605 | DRAW | REPORTS | ABOUT

HISTORICAL | TAX PARCELS | TOPO | BASEMAP | LAYERS | TOOLS



FINDINGS | PHYSICAL SETTINGS

MAP FINDINGS

0 of 3 Records , Filtered by: Database

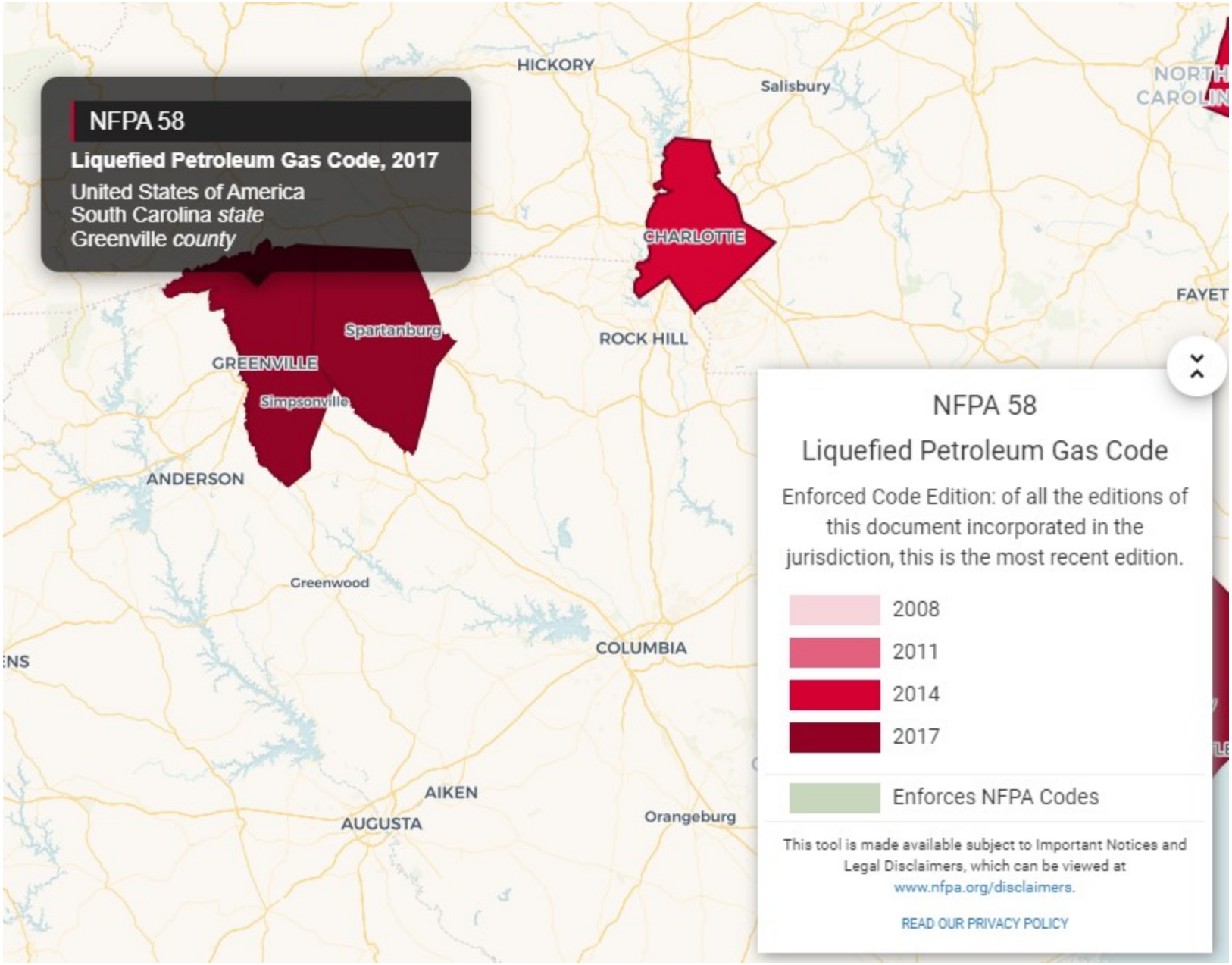
EXPORT

COLUMNS

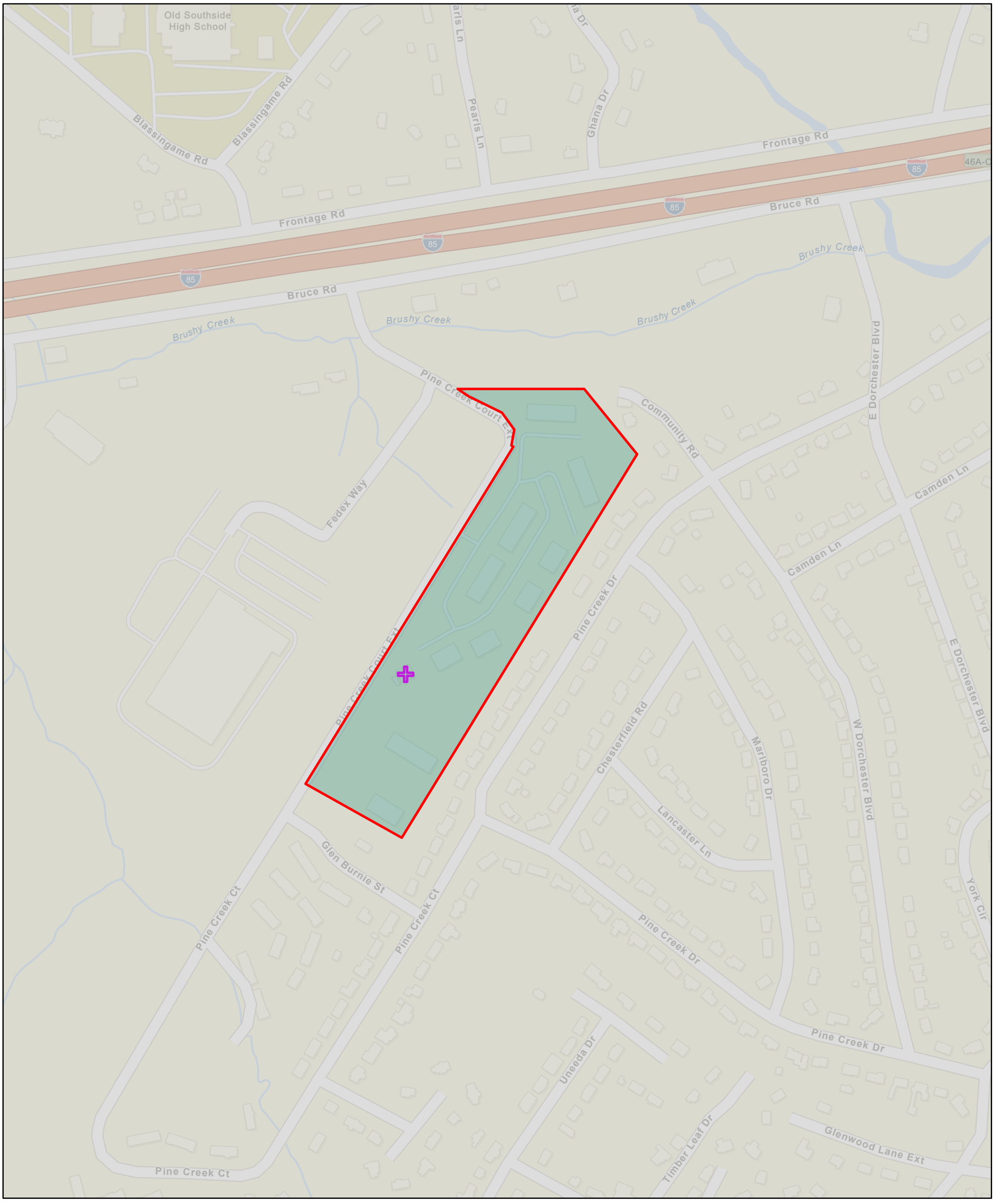
ID	SITE NAME	ADDRESS	DATABASES	ELEV	DIST(mi)

- All Databases
- LUST 1
- SHWS 1
- UST FINDER RELEASE 1

** Database counts are limited by the search distance of the individual database.*


NFPA 58
Liquefied Petroleum Gas Code, 2017
United States of America
South Carolina state
Greenville county
HICKORY
Salisbury
CHARLOTTE
ROCK HILL
Spartanburg
GREENVILLE
Simpsonville
ANDERSON
Greenwood
COLUMBIA
AIKEN
AUGUSTA
Orangeburg
NFPA 58
Liquefied Petroleum Gas Code
Enforced Code Edition: of all the editions of this document incorporated in the jurisdiction, this is the most recent edition.
2008
2011
2014
2017
Enforces NFPA Codes
This tool is made available subject to Important Notices and Legal Disclaimers, which can be viewed at www.nfpa.org/disclaimers.
READ OUR PRIVACY POLICY

Urbanized Areas



September 11, 2024

Highland Square

Search Result (point)

Urban Areas

1:4,514

0 0.04 0.09 0.17 mi

0 0.05 0.1 0.2 km

Esri Community Maps Contributors, City of Greenville, Anderson County SC GIS, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, EPA OEI

Kim Dickens

From: Sylvest, John <JSylvest@scdah.sc.gov>
Sent: Monday, October 14, 2024 4:37 PM
To: Kim Dickens
Cc: tpercell@related.com
Subject: Highland Square Apartments Rehabilitation, Greenville
Attachments: SC Part 50 PA executed.pdf

External Email:

Ms. Dickens,

We received your subject referenced review submittal on September 16, 2024.

Provided that this project is subject to 24 Part 50 of HUD's environmental regulations, our office believes the submitted project is exempt from Section 106 review per our attached Programmatic Agreement with HUD (due to the age of the property). As such, we have no further comment on this project.

If subject to24 Part 58 of HUD's regulations then we need to know who the HUD Responsible Entity is to provide a no historic properties affected letter to.

Thanks,

John D. Sylvest
Supervisor of Survey and Review & Compliance
State Historic Preservation Office (SHPO)
SC Department of Archives & History
8301 Parklane Road
Columbia, SC 29223
803.896.6129
https://scdah.sc.gov/historic-preservation

PROGRAMMATIC AGREEMENT
BETWEEN REGION IV OF
THE U. S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
AND THE SOUTH CAROLINA STATE HISTORIC PRESERVATION OFFICE
FOR THE REVIEW OF HUD-FUNDED ACTIVITIES
SUBJECT TO 24 CFR PART 50
IN THE STATE OF SOUTH CAROLINA

WHEREAS, the U.S. Department of Housing and Urban Development ("HUD") through various offices, including the Public and Indian Housing (PIH), Housing, and Community Planning and Development (CPD), provides grant funding, mortgage insurance and other assistance, subject to environmental review under 24 CFR Part 50, "Protection and Enhancement of Environmental Quality", to entities within the State of South Carolina;

WHEREAS, HUD is responsible for complying with Section 106 of the National Historic Preservation Act of 1966, as amended, (54 U.S.C. § 300101 et seq.) implemented pursuant to 36 C.F.R. 800 ("Section 106") whenever HUD conducts an environmental review under 24 C.F.R. Part 50;

WHEREAS, through its field offices, HUD undertakes many activities that include the acquisition, leasing, repair, minor rehabilitation, disposition of properties, most of which are affordable housing, as well as other activities that include the substantial rehabilitation, demolition, conversion and new construction of residential and non-residential properties, each of which is an undertaking ("Undertaking") as defined pursuant to 36 C.F.R. 800.16(y),

WHEREAS, the Advisory Council on Historic Preservation issued in 1995 and revised in 2006 a "Policy Statement on Affordable Housing and Historic Preservation" that addresses implementation principles for Section 106 compliance, and those principles have been utilized in developing this Agreement;

WHEREAS, HUD has determined that some of the Undertakings funded by its PIH, Housing, and CPD programs have limited potential to affect properties included in or eligible for inclusion in the National Register of Historic Places (hereafter referred to as “historic properties”) and have consulted with the South Carolina State Historic Preservation Officer ("SHPO") pursuant to 36 C.F.R. 800.14 of the regulations implementing Section 106;

WHEREAS, HUD invited the Catawba Indian Nation, Eastern Band of Cherokee Indians, Muscogee (Creek) Nation, Eastern Shawnee Tribe of Oklahoma, Tuscarora Nation, and Alabama-Quassarte Tribal Town to consult in the development of this Agreement and sign it as an Invited Signatory, in recognition of the unique government-to-government relationship between the Federal government and federally-recognized Indian tribes and none commented or accepted the invitation to sign the Agreement;

WHEREAS, Tribal Historic Preservation Officers have Section 106 consultation authority where an Indian tribe has assumed Section 106 responsibilities of the SHPO on tribal lands pursuant to Section 101(d)(2(D)(iii) of the Act, this agreement is not applicable to undertakings located in tribal lands subject to the purview of a Tribal Historic Preservation Officer;

WHEREAS, HUD invited the PalmettoTrust for Historic Preservation, the Historic Beaufort Foundation, Historic Charleston Foundation, Preservation Society of Charleston, Historic Columbia Foundation, the South Carolina Institute for Archaeology and Anthropology (SCIAA), and the South Carolina African American Heritage Commission, to comment and consult in the development of this Agreement, and none of these institutions has objected or commented;

WHEREAS, HUD will continue to conduct outreach and will actively seek and request the comments and participation of Indian tribes that attach religious and cultural significance to historic properties that may be affected by Undertakings funded under the terms of this Agreement; and

WHEREAS, HUD acknowledges that Indian tribes possess special expertise in assessing the National Register eligibility of properties with tribal religious and cultural significance; and

WHEREAS, in accordance with 36 C.F.R. § 800.14(b)(2), HUD has notified the Advisory Council on Historic Preservation (ACHP) and invited the ACHP to participate in the development of this Programmatic Agreement and the ACHP has declined to participate;

NOW, THEREFORE, HUD and the SHPO agree that HUD PIH, Housing, and CPD Programs subject to 24 CFR Part 50 in the State of South Carolina shall be administered in accordance with the following stipulations in order to take into account the effects of these undertakings on historic properties and satisfy Section 106 responsibilities.

STIPULATIONS

HUD will ensure that the following measures are carried out.

I. UNDERTAKINGS NOT REQUIRING REVIEW BY SHPO OR ACHP

Note: All Undertakings not identified under this section must be fully reviewed in accordance with 36 C.F.R. Part 800.

Undertakings that consist solely of the following types of activities have limited potential to affect historic properties and may be approved by HUD PIH, Housing, or CPD staff

under 24 C.F.R. Part 50 without further consultation with SHPO or ACHP. The Environmental Review Record must document the exemptions that apply.

HUD and the SHPO may add or remove activities from this section by following the Amendment process in Stipulation VIII.

For the purposes of this Agreement the term "in-kind replacement" is defined as installation of a new element that duplicates the material, design, dimensions, profile, and detailing of the original element.

1. General Exemptions

   A. Activities that are Categorically Excluded and not subject to related laws under 24 CFR 50.19
   B. Refinancing, including Section 223(f) transactions, without demolition, rehabilitation, or construction and no physical activities beyond maintenance as defined in "Guidance for Categorizing an Activity as Maintenance for Compliance with HUD Environmental Regulations, 24 CFR Parts 50 and 58", as amended.
   C. Leasing without demolition, rehabilitation, or construction and no physical activities beyond maintenance as defined in "Guidance for Categorizing an Activity as Maintenance for Compliance with HUD Environmental Regulations, 24 CFR Parts 50 and 58", as amended.
   D. Leasing and rental assistance with no associated physical building activities as defined in "Determination that Continuum of Care (CoC) Leasing and Rental Assistance with no associated physical building activities have "No Potential to Cause Effects" under Section 106 of the National Historic Preservation Act and its implementing regulations 36 CFR Part 800."
   E. Section 223(a)(7) Projects as defined in "Section 223(a)(7) Projects and Determination of 'No Potential to Cause Effects' under Section 106 of the National Historic Preservation Act and its implementing regulations 36 CFR Part 800."
   F. Undertakings where SHPO has already concurred on a finding of "no historic properties affected" or "no adverse effect" on historic properties within the previous five (5) years and where the scope and magnitude of the undertaking are not changing, provided that HUD must document its Environmental Review Record with a copy of the prior SHPO concurrence letter.
   G. Purchase or acquisition of real property when there is no reasonably foreseeable plan to rehabilitate, repair, or demolish the building(s) or structure(s).
   H. Clean-up and removal of existing debris in brownfields.
   I. Repair or replacement of in-service septic tanks as long as they are in the same originally disturbed footprint/area and no expanded ground disturbance is required.
   J. Maintenance, alteration, removal or replacement of mobile homes.
   K. Demolition, maintenance, repair, or additions to residential or non-residential buildings or structures less than 50 years of age which are not listed in or eligible for listing in the National Register, located within or adjacent to a National Register listed or eligible historic district, or located adjacent to properties individually listed in or eligible for listing in the National Register, as recorded on SHPO's ArchSite(GIS).

L. Demolition, maintenance, repair, or additions to residential or non-residential buildings or structures greater than 50 years of age which have been determined to be ineligible for listing in the National Register, or located in target areas and/or neighborhoods (i.e. districts) which have been determined to be ineligible for listing in the National Register, as recorded on SHPO's ArchSite(GIS).

2. Interior Rehabilitation

A. Projects limited to interior spaces of buildings or structures to be retained in the same use where:
   1. The work will not be visible from the exterior of the building or structure.
   2. No structural alterations are made.
   3. No demolition of walls, ceilings, or floors occurs.
   4. No drop ceilings are added.
   5. No walls are leveled with furring.

B. Mechanical/HVAC, plumbing, electrical, and fire protection systems:
   1. Installation, replacement, repair, or routine maintenance or retrofits of mechanical/HVAC systems and equipment, plumbing systems and fixtures, electrical wiring and systems, and fire protection systems and detection components, provided no structural alterations are made.
   2. Restroom improvements, including for handicapped access, provided the work is contained within the existing restroom.

C. Lighting and appliances:
   1. Installation or replacement of bulbs, ballasts, and/or wiring in existing fixtures.
   2. Replacement of existing fixtures with new fixtures, provided that the fixtures are not original to the building.
   3. Installation of motion/occupancy sensors for lighting control.
   4. Installation or replacement of existing appliances.

D. Insulation:
   1. Installation of non-spray insulation in attic or under-floor spaces.
   2. Installation of radiant barriers in unoccupied attic spaces.

E. Basement floor: Installation or repair of concrete basement floor in an existing basement, provided no historic materials or features are damaged or concealed.

F. Asbestos abatement: Abatement or control of asbestos that does not involve removal or alteration of historic materials or features (e.g., plaster, plaster molding, cornice, medallion).

G. Surfaces: Repair or in-kind replacement of interior surfaces, such as floors, walls, ceilings, plaster, and woodwork. If covering historic features such as wood floors, then carpet or sheet goods (e.g., linoleum or vinyl) will be installed in a reversible manner, either through tacking or with an underlayment so historic floors will not be irreversibly damaged.

H. Painted surfaces: Conducting lead-based paint abatement or interim controls pursuant to 24 CFR 35.115(a)(13), if carried out by a qualified contractor using current best practices and methods that are consistent with the preservation techniques in National Park Service *Preservation Brief #37: Appropriate Methods for Reducing Lead-Paint Hazards in Historic Housing* and Chapter 18 of HUD's "Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing." (Any removal or alteration of historic building materials or features or encapsulation with vinyl or other substitute materials is not included in this exemption.)

I. Other:
1. Replacement of suspended ceiling tile.
2. Replacement of non-significant flat stock trim.
3. Repair or replacement of kitchen appliances, cabinets and counters.

3. Exterior Rehabilitation

A. Foundations: In-kind repair of brick or stone foundations that does not include applying weatherproofing or sealers, and repairs to all other types of foundations.

B. Windows and doors:
1. Repair of old or historic wood windows and doors, including repainting, reglazing, caulking and weather stripping of existing window or door frames, or installation of new single-glazed clear glass in existing sashes or doors, consistent with National Park Service *Preservation Brief #9: The Repair of Historic Wooden Windows.*
2. Repair or repainting of non-historic windows and doors, and replacement of non-historic windows with new windows sized to fit the original window openings.
3. Repair, replacement, or installation of storm doors and storm windows (exterior, interior, metal, or wood), provided that storm windows match the shape and size of historic windows and that the meeting rail coincides with that of the historic window, consistent with National Park Service *Preservation Brief #3: Conserving Energy in Historic Buildings*. Color should match trim.
4. Installation or replacement of screens over windows.
5. Repair, in-kind replacement, or repainting of existing shutters.
6. Installation, repair, and replacement of door and window locks or electronic security devices.

C. Walls and siding:
1. Repair or limited in-kind replacement of deteriorated wall or siding material such as wood, brick, stone, or stucco, consistent with National Park Service *Preservation Brief #47: Maintaining the Exterior of Small and Medium Size Historic Buildings*.
2. In-kind repair of masonry, including chimneys, where mortar matches the

existing in color, texture, strength, joint width, and joint profile, and methods are consistent with the preservation techniques in National Park Service *Preservation Brief #2: Repointing Mortar Joints in Historic Masonry Buildings*.

D. Painted surfaces:

1. Painting previously painted exterior surfaces, provided destructive surface preparation treatments, including but not limited to water blasting, sandblasting, and chemical removal, are not used, consistent with National Park Service *Preservation Brief #10: Exterior Paint Problems on Historic Woodwork*.
2. Conducting lead-based paint abatement or interim controls pursuant to 24 CFR 35.115(a)(13), if carried out by a qualified contractor using current best practices and methods that are consistent with the preservation techniques in National Park Service *Preservation Brief #37: Appropriate Methods for Reducing Lead-Paint Hazards in Historic Housing* and Chapter 18 of HUD's "Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing." (Any removal or alteration of historic building materials or features or encapsulation with vinyl or other substitute materials is not included in this exemption.)

E. Porch Elements:

1. Repair or limited in-kind replacement of deteriorated porch elements, such as columns, flooring, floor joists, ceilings, railing, balusters and balustrades, and lattice, consistent with the provisions of *National Park Service Preservation Brief #45: Preserving Historic Wood Porches.*

F. Roofing:

1. Repair or in-kind replacement of roof cladding and sheeting, flashing, gutters, soffits, cupolas, parapets, skylights, and downspouts with no change in roof pitch or configuration, consistent with the provisions of *National Park Service Preservation Briefs #4, 19, and 29.*
2. Installation of continuous ridge vents covered with ridge shingles or boards, or roof jacks/vents, bath and kitchen fan vents, gable vents, soffit and frieze board vents, and combustion appliance flues, if not located on a primary roof elevation or visible from the public right-of-way.
3. Installation of new roofing or reflective roof coatings on a flat-roofed building with a parapet, such that the roofing material is not visible from any public right-of-way.

G. Awnings: Repair or in-kind replacement of awnings.

H. Mechanical systems: Installation or replacement of exterior mechanical/HVAC units and vents not on the front elevation.

I. Basement bulkhead doors: Replacement or repair of basement bulkhead doors and installation of basement bulkhead doors not on the front elevation.

J. Lighting: Repair or in-kind replacement of existing light fixtures and installation

of additional decorative or security lights.

K. Accessibility ramps:
   1. Repair or replacement of existing accessibility/wheelchair ramps.
   2. Installation of a new wheelchair ramp on the side or rear entrance of a home, when not visible from any public right-of-way, provided that porches or railings are not irreversible impacted.

L. Mothballing: Securing or mothballing a property by boarding over window and door openings, making temporary roof repairs, and/or ventilating the building, consistent with National Park Service *Preservation Brief #31: Mothballing Historic Buildings.*

4. Site Work/Infrastructure

A. Repair or in-kind replacement of existing driveways, parking areas, curbs, walkways, sidewalks, steps, walls, fences, and retaining walls.
B. Installation of temporary construction-related structures including scaffolding, barriers, screening, fences, protective walkways, signage, office trailers, or restrooms.
C. Installation or replacement of park or playground equipment, with minimal ground disturbance.
D. Excavating to gain access to existing underground utilities (e.g. water, sewer, storm, electrical, gas, steam, or telecommunication) to repair or replace them, where no new above-ground buildings or structures are involved, and where all construction occurs within existing trenches.
E. Routine road maintenance and resurfacing where work is confined to the existing right-of-way and previously maintained surfaces, ditches, culverts, and cut and fill slopes where there are no known historic properties, or historic properties (i.e. archaeological sites) would not be affected because there is clear documentation that the proposed work is clearly within a disturbed context.
F. Point repair to an existing water or wastewater line where construction occurs in the original trench.
G. Repair or replacement of above ground utilities, including existing wires, anchors, crossarms, and other miscellaneous hardware on existing overhead lines; not including pole replacement or installation outside city limits. Water tower replacement is not exempt.
H. Repair and replacement of non-historic street lights, traffic signals, and traffic signs, outside of a listed or eligible historic district.
I. Upgrading existing non-historic facility and infrastructure-related pumps and motors, including those for water/wastewater facilities, to variable-speed or premium efficiency standards.
J. Minor alterations or additions to existing water or wastewater treatment plants or other facilities that are less than 50 years old. (Excavation of new treatment ponds or enlargement of existing ponds are not considered minor alterations and are subject to review.)

K. Installation or replacement of non-historic generators at existing water/wastewater or shelter facilities. Temporary installation of generators, and permanent installation of generators that are placed inside existing buildings or that occupy and area under 50 square feet behind the building they serve.
L. Addition or replacement of non-historic equipment within the same location and footprint. (Examples include but not limited to: Computer monitoring equipment, bar screens, clarifiers, chlorination equipment, SCADA equipment etc.)
M. Installation, replanting, or maintenance of grass, shrubs, bushes, and trees.

II. UNDERTAKINGS REQUIRING REVIEW BY SHPO OR ACHP

Undertakings **not** identified under Stipulation I must be fully reviewed in accordance with 36 C.F.R. Part 800. HUD PIH, Housing, and CPD shall ensure that the following measures are carried out during completion of reviews.

A. HUD will submit documentation of each property requiring review under this agreement to the SHPO for review and comment. Documentation may be provided on the SHPO Section 106 Project Review Form, or a cover letter containing equivalent information must be provided. Documentation should include, at minimum, the property address, ArchSite(GIS) map with the property location shown, topographical map for projects involving ground disturbance, known or estimated date(s) of construction for all buildings or structures on the property, a brief history of the property and names of architects or builders, if known, and current, clear overall photographs of the property.
B. The submittal should indicate whether the property is listed in or eligible for listing in the National Register, and/or determine whether it is eligible for listing in the National Register. If all properties within the Area of Potential Effect are determined not eligible for the National Register and are not within or adjacent to a National Register listed or eligible historic district, there are no historic properties affected by the undertaking per 36 CFR § 800.4(d)(1). If a property within the APE is determined eligible for listing in the National Register, further coordination will be required.
C. For properties listed in or determined eligible for listing in the National Register, HUD will submit documentation of any proposed activities that do not fall within the exclusions of Stipulation I. Documentation should include a scope of work, plans and specifications, or other detailed description of the project and any proposed changes. Additional photographs of the areas in which work is to be performed should be included. The SHPO Historic Building Supplement Form may also be submitted. HUD will make a determination as to whether the project will have an adverse effect on the historic property per 36 CFR § 800.5.
D. For projects involving ground disturbance that do not consist solely of the exclusions of Stipulation I, HUD will submit documentation per Stipulation II.A-C. above and consult with the SHPO and Tribes with an identified interest in the area regarding the identification and evaluation of archaeological sites in order to determine whether archaeological investigations are warranted. If the Area of Potential Effect includes known sites or if the potential for sites exists, an archaeological survey of the affected area will be carried out in consultation with SHPO and consulting Tribes.

E. Upon receipt of all required information needed for review, the SHPO will agree or disagree with the eligibility and effect findings/determinations provided, or if none are provided, the SHPO will provide its comments to HUD. If there is any question or dispute as to whether a property meets the National Register criteria, the HUD may request a formal determination of eligibility from the Secretary of the Interior (36 CFR § 800.4(c)(2)).
F. When HUD and the SHPO agree that a project is designed and planned in accordance with the Secretary of the Interior's *Standards for the Treatment of Historic Properties* (36 CFR Part 68), or in accordance with design guidelines developed in consultation with the SHPO, or the project otherwise does not meet the criteria of adverse effect (36 CFR § 800.5(a)(1)), the project will be considered to have no adverse effect.
G. To resolve adverse effects, HUD will consult with the SHPO, Tribes, consulting parties, and the public, as appropriate, to seek alternatives that would avoid, minimize, or mitigate the effect of the project per 36 CFR § 800.6. To document alternatives considered in their planning process, HUD will provide written justification for the proposed action that will cause an adverse effect, summarize and provide documentation of alternatives to the action, and cite the specific reasons why the proposed action was selected over other alternatives. Consultation to resolve adverse effects will result in a Memorandum of Agreement per 36 CFR § 800.6(c).
H. The SHPO will respond within 30 days of receipt of all required information.

III. CONSULTING PARTIES

A. HUD shall invite the participation of consulting parties and the public as appropriate to the scale of the undertaking and the scope of Federal involvement. Parties that may have a consultative role in the Section 106 process include, but are not limited to the following: Federally recognized Indian tribes, representatives of local governments, county and municipal historic preservation commissions including those established under the Certified Local Governments (CLG) program (see http://shpo.sc.gov/programs/locgov/Pages/CLG.aspx for a list of CLGs in South Carolina), the public, and individuals and organizations with a demonstrated interest due to the nature of their legal or economic relation to the undertaking, or their concern for the undertaking's effects on historic properties (see http://shpo.sc.gov/pubs/Pages/default.aspx for a Directory of South Carolina's Local History, Historic Preservation, and Cultural Organizations).
B. HUD shall follow the process laid out in HUD Notice CPD-12-006: "Process for Tribal Consultation in Projects That Are Reviewed Under 24 CFR Part 58", as directed in a May 5, 2015 HUD policy memo that adopts the Notice for Part 50 reviews.
C. If an undertaking may adversely affect a National Historic Landmark, HUD shall request the ACHP and the Secretary of the Interior to participate in consultation to resolve any adverse effects, as outlined in 36 CFR 800.10.

IV. UNANTICIPATED DISCOVERIES AND UNFORESEEN EFFECTS

If, during the implementation of these programs, a previously unidentified property that may be found eligible for inclusion in the National Register is encountered, or a known

National Register historic property may be affected in an unanticipated manner, HUD will assume its responsibilities pursuant to 36 C.F.R. Part 800.13(b).

A. If unanticipated cultural materials (*e.g.*, large, intact artifacts or animal bones; large clusters of artifacts or animal bones; large soil stains or patterns of soil stains; buried brick or stone structures; clusters of brick or stone) or human skeletal remains are discovered prior to or during land altering or construction activities, then HUD will temporarily halt any activities and immediately notify the SHPO/THPO of the unanticipated discoveries.
B. A minimum 50-foot buffer shall be immediately established around the cultural materials by the construction project manager. The buffer will be flagged by appropriate personnel. The construction project manager will notify all project personnel that no land altering activities will be allowed within this buffer zone until the course of action hereinafter described has been established. The halt will afford the SHPO the opportunity to assess the situation and recommend a course of action within two (2) business days of such notification.
C. If human remains are found or suspected, they should be left in place, respectfully covered over, and protected until appropriate consultation is completed. HUD is responsible for notifying the SHPO/THPO, the local coroner or medical examiner, and interested parties, such as Indian tribes, of the find to initiate consultation. Please note that human remains and burial grounds are subject to South Carolina law that addresses abandoned cemeteries and burials, including but not limited to S.C. Code of Laws §§ 27-43-10 to -40; 16-17-600; 6-1-35; 27-43-310; 16-11-780; and S.C. Code of Regulations §§ 61-19-28 to -29.
D. HUD shall consult with the SHPO, THPO and Tribes to determine if the discovered site appears eligible for listing in the National Register of Historic Places. If it does appear eligible, HUD shall submit a treatment plan for the avoidance, protection, recovery of information, or destruction without data recovery to the SHPO for review and comment. The treatment plan shall be consistent with the ACHP's handbook Treatment of Archaeological Properties and subsequent amendments and SHPO guidelines. If human remains are discovered, the treatment plan shall follow the guidance in the ACHP's Policy Statement Regarding Treatment of Burial Sites, Human Remains and Funerary Objects, including appropriate consultation with descendent communities. HUD shall notify all consulting parties of the unanticipated discovery and provide the proposed treatment plan for their comment. Construction work in the area of the discovery shall not continue until the plan has been accepted by the signatory parties and implemented.

V. EMERGENCIES

HUD from time to time may conduct undertakings in response to natural disasters, including, but not limited to, floods, tornadoes, earthquakes, wind storms and fires. Such undertakings may be exempt from federal environmental review requirements if they are limited to immediate rescue and salvage operations. Review of other necessary activities that respond to immediate threats to human life and property within thirty (30) days following a declared disaster, may be expedited pursuant to 36 CFR 800.12.

VI. REVIEW AND MONITORING

A. HUD and the SHPO will consult as needed to discuss the possible modification, termination, or extension of this agreement and/or any actions necessary to improve the compliance process and communications between HUD and the SHPO.

B. The SHPO may monitor activities carried out pursuant to this Agreement, and will review activities if requested by any party or person. HUD will cooperate with the SHPO in carrying out these monitoring activities.

C. HUD shall provide the SHPO and signatory parties with an Annual Report in January of each year summarizing all projects that utilized the exemptions in Stipulation I. of this Agreement. It is recognized that until the report function of the HUD Environmental On-line Review System (HEROS) is operable, the summary may be a general overview of the numbers and nature of the projects, with as much information on locations as may be available. HUD shall also convene a meeting in January of each year with SHPO and any other signatory parties who express an interest to discuss the implementation of the Agreement during the previous year and suggestions for any changes to the Agreement, any issues that are affecting or may affect the ability of HUD to continue to meet the terms of this Agreement, and any disputes or objections received, and how they were resolved.

VII. DISPUTE RESOLUTION

At any time during the implementation of the measures stipulated in this Agreement, should an objection to any measure or manner of implementation be raised by a signatory or consulting party, HUD shall take the objection into account and consult with the objecting party and the SHPO to resolve the issue.

A. HUD shall represent itself in all matters of dispute resolution that pertain specifically to this Agreement.

B. The responsibilities of the signatories to carry out all other actions subject to the terms of this Agreement that are not the subject of the dispute shall remain in effect.

C. There will be no binding mediation or arbitration with any party.

D. If HUD determines that the objection cannot be resolved, HUD shall forward all documentation relevant to the dispute, including HUD's proposed resolution, to the ACHP. The ACHP shall provide HUD with its advice on the resolution of the objection within thirty (30) days of receiving adequate documentation. Prior to reaching a final decision on the dispute, HUD shall prepare a written response that takes into account any timely advice or comments regarding the dispute from the ACHP, signatories and concurring parties, and provide them with a copy of this written response. HUD will then proceed according to its final decision.

E. If the ACHP does not provide its advice regarding the dispute within the thirty (30) day time period, HUD may make a final decision on the dispute and proceed accordingly. Prior to reaching such a final decision, HUD shall prepare a written response that takes into account any timely comments regarding the dispute

from the signatories and concurring parties to the MOA, and provide them and the ACHP with a copy of such written response.

VIII. AMENDMENT

Any signatory party may request that this Agreement be amended, whereupon HUD and the SHPO will consult with the other parties in accordance with 36 C.F.R. Part 800.14(b) to consider an amendment. Amendments will only be considered if made in writing and must be approved in writing by all parties to this Agreement to go in effect.

IX. TERMINATION

If a signatory to this Agreement determines that its terms cannot be carried out, that party shall immediately consult with the other parties to attempt to develop an amendment per stipulation VII above. If within thirty (30) days an amendment cannot be reached, any signatory may terminate the Agreement upon written notification to the other signatories. In the event any signatories decide to terminate the Agreement, HUD will comply with the ACHP's regulation (36 CFR Part 800) on a case by case basis.

X. TERM OF THE AGREEMENT

This Agreement shall continue in force and effect for ten (10) years from the date the last signatory has signed the Agreement. The Agreement may be extended for five (5) additional years, provided that there are no substantial modifications, that HUD and the SHPO agree, and that any other signatory wishing to remain party to the Agreement also agrees. HUD may initiate the extension request from SHPO and other signatories in writing via confirmed mail delivery at any time in the six-month period prior to the expiration of the Agreement. Should a party to this Agreement, other than HUD or the SHPO, choose not to extend its participation in the Agreement, the Agreement will not be nullified for the other parties.

EXECUTION AND IMPLEMENTATION of this Agreement evidences that HUD has satisfied its responsibilities under Section 106 of the NHPA for the Undertakings as described in this Agreement and funded by the HUD Programs. This Agreement may be executed in counterparts.

PROGRAMMATIC AGREEMENT
BETWEEN REGION IV OF
THE U. S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
AND THE SOUTH CAROLINA STATE HISTORIC PRESERVATION OFFICE
FOR THE REVIEW OF HUD-FUNDED ACTIVITIES
SUBJECT TO 24 CFR PART 50
IN THE STATE OF SOUTH CAROLINA

SIGNATORIES:

U. S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

By: _____ Date: 10/4/16
Name: Eric Bickley
Title: Public and Indian Housing Director, Columbia Field Office

PROGRAMMATIC AGREEMENT
BETWEEN REGION IV OF
THE U. S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
AND THE SOUTH CAROLINA STATE HISTORIC PRESERVATION OFFICE
FOR THE REVIEW OF HUD-FUNDED ACTIVITIES
SUBJECT TO 24 CFR PART 50
IN THE STATE OF SOUTH CAROLINA

SIGNATORIES:

U. S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

By: Bradley S. Evatt Date: 1/12/17
Name: Bradley S. Evatt
Title: Community Planning and Development Director, Columbia Field Office

PROGRAMMATIC AGREEMENT
BETWEEN REGION IV OF
THE U. S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
AND THE SOUTH CAROLINA STATE HISTORIC PRESERVATION OFFICE
FOR THE REVIEW OF HUD-FUNDED ACTIVITIES
SUBJECT TO 24 CFR PART 50
IN THE STATE OF SOUTH CAROLINA

SIGNATORIES:

U. S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

By: _____ Date: 9-29-17
for: Name: Ruben J. Brooks
Title: Regional Director, Office of Multifamily Housing, Southeast Regional Office

PROGRAMMATIC AGREEMENT
BETWEEN REGION IV OF
THE U. S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
AND THE SOUTH CAROLINA STATE HISTORIC PRESERVATION OFFICE
FOR THE REVIEW OF HUD-FUNDED ACTIVITIES
SUBJECT TO 24 CFR PART 50
IN THE STATE OF SOUTH CAROLINA

SIGNATORIES:

U. S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

By: _____ Date: 2-3-2017
Name: Roger M. Lukoff
Title: Deputy Assistant Secretary, Office of Healthcare Programs

PROGRAMMATIC AGREEMENT
BETWEEN REGION IV OF
THE U. S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
AND THE SOUTH CAROLINA STATE HISTORIC PRESERVATION OFFICE
FOR THE REVIEW OF HUD-FUNDED ACTIVITIES
SUBJECT TO 24 CFR PART 50
IN THE STATE OF SOUTH CAROLINA

SIGNATORIES:

SOUTH CAROLINA STATE HISTORIC PRESERVATION OFFICER

By: Elizabeth M. Johnson Date: 10-4-2016
Name: Elizabeth M. Johnson
Title: Deputy State Historic Preservation Officer, State of South Carolina

State Historic Preservation Office

South Carolina Department of Archives and History
8301 Parklane Road | Columbia, SC | 29223
scdah.sc.gov

Section 106 Project Review Form

Section 106 of the National Historic Preservation Act, and the implementing regulations at 36 CFR 800, requires the South Carolina State Historic Preservation Office (SHPO) to review all projects/undertakings that are federally funded, licensed, permitted, or assisted. The responsibility for preparing review documentation pursuant to 36 CFR 800.11, including the identification of historic properties and the assessment of effects resulting from the undertaking, rests with the federal agency or its delegated authority (including applicants). Consultation with the SHPO is NOT a substitution for consultation with appropriate Native American tribes or other participants who are entitled to comment on the Section 106 process (per 36 CFR 800.2).
For guidance regarding this Form or the Section 106 review process, please visit our Review and Compliance Program website.

STATUS OF PROJECT (check one)

[ ] Federal Undertaking Anticipated (You are applying for Federal assistance)

[ ] Federal Undertaking Established (You have received Federal assistance)

[ ] Due Diligence Project (No anticipated Federal assistance)

[ ] Additional Information for Previous Project Submission (SHPO Project No.)

GENERAL INFORMATION

1. Project Name:
2. City/Town: 3. County:
4. Federal Agency (providing funds, license, permit, or assistance):
5. Agency Contact Name: Email:

   Address: Phone:
6. Federal Agency Delegated Authority (includes Applicants):

   Delegated Authority Contact Name: Email:

   Address: Phone:
7. Consultant for the Agency/Delegated Authority:

   Consultant Contact Name: Email:

   Address: Phone:

PROJECT DESCRIPTION

1. Indicate the type of project (new construction, rehabilitation, replacement/repair, demolition, relocation, acquisition, infrastructure, other) and provide a detailed description of the proposed project, including related activities (staging areas, temporary roads, excavations, etc.), which will be carried out in conjunction with the project. Attach additional pages if necessary. If a detailed scope of work is not available yet, please explain and include all preliminary information:

2. Describe the length, width, and depth of all proposed ground disturbing activities, as applicable (defined as any construction activity that affects the soil within a project area, including excavating, digging, trenching, drilling, augering, backfilling, clearing, or grading):

3. Will this project involve phases of construction? If so, please describe the work to be conducted under each phase.

4. How many acres are in the project area? For building rehabilitation projects, list the building's approximate square footage.

5. Describe the current land use and conditions within and immediately adjacent to the project area (e.g. farmland, forest, developed, etc.) as well as prior land use and previous disturbances within and immediately adjacent to the project area (e.g. grading, plowing, mining, timbering, housing, commercial, industrial, road or other construction, draining, etc.).

DETERMINING THE AREA OF POTENTIAL EFFECTS (APE)

All projects/undertakings have an APE. The APE is the geographic area or areas within which a project/undertaking may directly or indirectly cause changes in the character or use of historic properties, if such properties exist. These changes can be direct (physical) or indirect (visual, noise, vibration) effects. The APE varies with the project type and should factor in the setting, topography, vegetation, existing and planned development, and orientation of resources to the project. For example, if your project includes:

- Rehabilitation, demolition, or new construction then your APE might be the building or property itself and the surrounding properties with a view of the project.
- Road/Highway construction or improvements, streetscapes, etc., then the APE might be the length of the project corridor and the surrounding properties/setting with a view of the project.
- Above-ground utilities, such as water towers, pump stations, retention ponds, transmission lines, etc., then your APE might be the area of ground disturbance and the surrounding properties/setting with a view of the project.
- Underground utilities, then your APE might be the area of ground disturbance and the setting of the project.

6. Provide a written description of the Area of Potential Effect (APE).

IDENTIFICATION OF HISTORIC PROPERTIES

A historic property is defined as any prehistoric or historic district, site, building, structure, or object listed in or eligible for listing in the National Register of Historic Places (NRHP).

7. Is the project located within or adjacent to a property or historic district listed in or eligible for listing in the NRHP?

[ ] YES [ ] NO If yes, provide the name of the property or district:

8. Are there any buildings or structures that are 50 years old or older within the project APE?

[ ] YES [ ] NO If yes, provide approximate age:

9. Are any of the buildings or structures in Question 8 listed in or eligible for listing in the NRHP?

[ ] YES [ ] NO If yes, identify the properties by name, address, or SHPO site survey number. If no, provide an explanation as to why the properties are not eligible for the NRHP.

10. List all historical societies, local governments, members of the public, Indian tribes, and any other sources consulted in addition to the SHPO to identify known and potential historic properties and note any comments received.

11. Does the landowner know of any archaeological resources found within the APE?

[ ] YES [ ] NO [ ] DO NOT KNOW If yes, please describe:

12. Has a cultural resources and/or a historic properties identification survey been conducted in the APE?

[ ] YES [ ] NO [ ] DO NOT KNOW If yes, provide the title, author, and date of the report(s):

13. Based on the information contained in questions 7 – 12, please check one finding:

[ ] Historic Properties are present in the APE

[ ] Historic Properties are not present in the APE

ASSESSMENT OF PROJECT EFFECT

PLEASE CHOOSE ONE DETERMINATION:

[ ] No Historic Properties Affected (i.e., none are present or they are present but the project will have no effect upon them)

[ ] No Adverse Effect on historic properties (i.e., historic properties are present but will not be adversely effected)

[ ] Adverse Effect on historic properties (i.e., historic properties are present and will be adversely effected)

[ ] Due Diligence Project (An effect determination does not apply due to no federal involvement)

Please explain the basis for you determination. If No Adverse Effect or Adverse Effect, explain why the Criteria of Adverse Effect (found at 36 CFR 800.5(a)(1) were found not applicable, or applicable, including any conditions on the project to avoid or minimize potential adverse effects, or efforts taken to avoid or minimize potential adverse effects.

SUBMITTAL CHECKLIST -- Did you provide the following documentation?

A completed Section 106 Project Review Form:

- The Form must be completed in its entirety, as it is not the SHPO's responsibility to identify historic properties or to make a determination of effect of the undertaking on historic properties.
- The appropriate federal agency information must be indicated on the Form. Contact the federal agency requiring consultation with the SHPO for this information. For US Housing and Urban Development projects under 24 CFR 58, the local government is the federal agency/responsible entity.
- Include email contact information for all parties that are to receive our response via email. We no longer respond via mailed hard copy, unless requested.
- One (1) Project Review Form may be utilized for batching undertakings that are duplicative in scope and within geographic areas no larger than a single county.
- The Form is a fillable PDF, but you may also print and complete by hand. A double-sided print is acceptable.

Map(s) indicating:

- The precise location of the project and extent of the Area of Potential Effect (APE), not too zoomed in or out in scale.
- Include a subscriber or public view SC ArchSite (GIS) map indicating the precise location of the project and extent of the APE. SC ArchSite is an online inventory of all known cultural resources in South Carolina. SC ArchSite can be directly accessed at http://www.scarchsite.org/default.aspx.
- In urban areas, a detailed city map and/or parcel map.

Current, high resolution color photographs (2 photos max per page) illustrating:

- For all projects, views to and from the overall project location and extent of the Area of Potential Effect (APE), showing the relationship to adjacent buildings, structures, or sites.
- For new construction or projects including ground disturbing activities, ground and/or aerial views documenting previous ground disturbance and existing site conditions.
- For building or structure rehabilitation projects, full views of each side (if possible), views of important architectural details, and views of areas that will be affected by proposed alterations or rehabilitation work to the exterior or interior.
- Photographs must describe or label the views presented, or be keyed to a site map.
- Black and white photocopied, unclear, thumbnail, or obstructed view photographs are not acceptable.

Project plans (if applicable and available) including:

- Scopes of work and/or project narratives
- Site plans or sketches (existing vs proposed)
- Project drawings and specifications for work on a historic building or structure
- Elevations

Our ability to complete a timely project review largely depends on the quality and detail of the documentation submitted. If insufficient documentation is provided we may need to request additional materials, which will prolong the review process. For complex projects, some may find it advantageous to hire a preservation professional with expertise in history, architectural history and/or archaeology.

NOTE: If the project involves the rehabilitation of a building or structure listed in or eligible for listing in the National Register of Historic Places, please complete and submit the Historic Building Supplement in addition to this Form.

When planning to submit a project for review, please remember that our office has 30 calendar days per regulations from the date of receipt to review federal projects and 45 days per SHPO policy to review due diligence projects.

Please **DO NOT** send Project Review Forms by email or fax. We recommend that you use certified mail, FedEx, or UPS to determine if your project has been delivered.

Please send this completed Form along with supporting documentation to:

Review & Compliance Program, SC Department of Archives & History, 8301 Parklane Road, Columbia, SC 29223

AEI Consultants
4009 Fitzhugh Ave., Suite 200
Richmond, VA 23230

September 12, 2024

Mr. John Sylvest, Review and Compliance Program
SC Department of Archives and History
8301 Parklane Road
Columbia, SC 29223

RE: Highland Square Apartments
200 Pine Creek Court
Greenville, Greenville County, South Carolina 29605
AEI Project #497755

Dear Mr. Sylvest:

In accordance with the Section 106 of the National Historic Preservation Act and its implementing regulations, 36 CFR Part 800, and the HUD MAP Guide, we are providing information on behalf of the US Dept of HUD for your review and concurrence regarding the above-referenced project. Per the attached Section 106 Delegation Memo, effective on 3/18/2021, MAP- and OHP-approved lenders and their authorized representatives are authorized to act on behalf of HUD to consult with SHPOs to initiate the Section 106 review process, identify and evaluate historic properties, and assess effects. For this project, the lender representative with Related Affordable is Tyler Percell (tpercell@related.com).

The sponsor is submitting this project for HUD's Section 8 renewal with capital Improvements and federal LIHTC. The scope of work is described below. The project will not include new construction, building demolition, significant ground disturbance, change in land use, or an increase in unit density.

The subject property is located southeast adjacent to Pine Creek Court, approximately 415 feet south of the intersection of Pine Creek Court and Bruce Road. The subject property consists of one land parcel identified under Greenville County Assessor Parcel Number WG02030101200.

The subject property consists of a 13.4-acre property that is currently developed with the Highland Square Apartments. The subject property consists of 11 three-story multi-family buildings constructed in 1979 that houses a total of 152 units. Amenities include a leasing office, clubhouse, and laundry room. Additional improvements on the subject property include a pool, tennis courts, playground, asphalt-paved parking lots, and landscaped areas. The subject property is accessed from one ingress/egress point to the north via Pine Creek Court. The subject property is proposed for rehabilitation. The scope of work will include interior apartment upgrades, HVAC and lighting replacement, concrete/sidewalk repairs, ADA site repairs (ramps, handrails, signage), full roof replacement, new building signage, miscellaneous masonry, siding, and facade repair, upgraded common areas and amenities, asphalt overlay, and general landscaping. The project would not include significant ground-disturbing activities or an increase in residential density. Routine maintenance and associated administrative activities would continue for the subject property.

Based on our research of the property in SHPO records, interviews, and local government tax records, performed by AEI Consultants, we have defined the Area of Potential Effect (APE) as the boundary of the subject property parcel(s) as depicted in Figures 1 and 2 (attached).

Review of the National Register of Historic Places (NRHP), and South Carolina ArchSite map, and South Carolina Historic Properties database indicate that neither the subject property nor the immediate surrounding properties are listed on the NRHP. No substantial ground disturbance activities are proposed as part of Section 8 renewal with capital improvements and federal LIHTC.

Research confirms that buildings on the property are forty-five years old and are not located within a district listed on or determined eligible for the National Register of Historic Places. Given the project description, AEI anticipates no effect to historic properties.

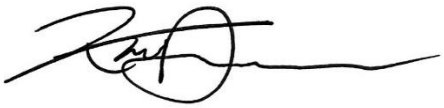
Attached for your review are copies of relevant documents supporting our finding, along with photographs, a USGS Topographic Quadrangle, and maps detailing the site and location of the property. This documentation satisfies requirements set forth at §800.11(d).

Based on the previously discussed information, we have made a Finding of "No Historic Properties Affected" pursuant to 36 CFR 800.4(d)(1) assuming all work is completed in compliance with applicable historic regulations.

In accordance with §800.4(d)(1)(i), your office has thirty days to object to this finding. Please respond within this timeframe, otherwise we will assume that you concur with our finding. If you concur, please sign on the line below and return a copy of this letter by email to kdickens@aeiconsultants.com.

If you have questions regarding this finding, please direct them to Kim Dickens at 510.585.7020. Thank you for your attention to this matter.

Sincerely,



Kim Dickens
Project Manager
AEI Consultants

Attachments:

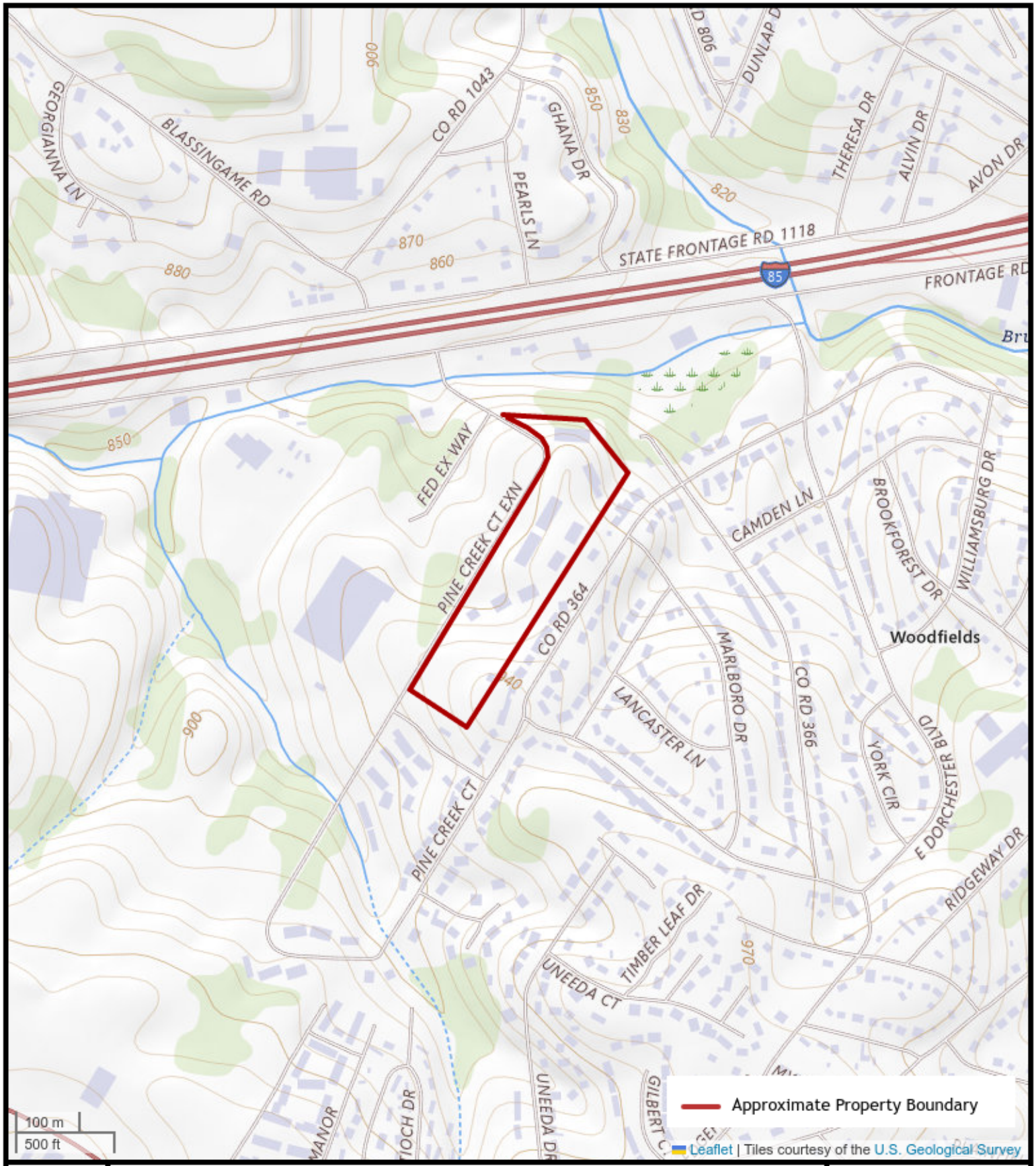
Figures
Property Information
Property Photographs
NRHP Map
South Carolina ArchSite Map

Concurrence:

_____

State Historic Preservation Officer Name:

Date:



N

FIGURE 1: TOPOGRAPHIC MAP

200 Pine Creek Court, Greenville, South Carolina 29605

AEI Project Number: 497755

AEI

N

FIGURE 2: SITE MAP

200 Pine Creek Court, Greenville, South Carolina 29605

AEI Project Number: 497755

AEI

Parcel Map

September 11, 2024

1:3,200

0 150 300 600 ft

0 40 80 160 m

Greenville County GIS Division, Greenville, South Carolina, Greenville County GIS Division, Greenville County, South Carolina GIS Division

Disclaimer: This Map is not a LAND SURVEY and is for reference purposes only. Data contained in this map are prepared for the inventory of Real Property found within this jurisdiction, and are

Greenville County, SC - Property Report	Convert to PDF	9/11/2024
PIN / Tax Map #		
WG02030101200		

Owner Information	
Owner Name	HS INVESTORS LLC
Additional Owner Name	
Care Of	Gh Capital Llc Suite 110
Mailing Address	26301 Curtiss Wright Pkwy
City	Cleveland
State	OH
Zip Code	44143

Greenville County

Mobile Maps and Information

Disclaimer: Map and parcel data are believed to be accurate, but accuracy is not guaranteed. This is not a legal document and should not be substituted for a title search, appraisal, survey, or for zoning verification.

Parcel Information			
Acres	**Description**	**Location**	**Subdivision**
13.400	13 Pt 5	Pine Creek	

Reference Information				
Deed Book	**Deed Page**	**Deed Date**	**Plat Book**	**Plat Page**
2186	1879	1/30/2006	M	95

Building Information			
Bedrooms	**Bathrooms**	**Half Baths**	**Square Feet**
0	0	0	0

Classification		
Land Use	**Jurisdiction**	**Homestead Code**
120 - Apartment	County Jurisdiction	No

Values			
Fair Market Value	**Taxable Market Value**	**Sales Price**	**Total Rollback**
$6,708,710	$6,062,960	$4,048,000	$0

Taxes / Fees				
Tax District	**County Stormwater Fee**	**City Stormwater Fee**	**Taxes**	**Taxes Paid Date**
156	$2,484	$0	$148,302.21	12/28/2023

Property Tax History			
Tax Year	Owner Name	Taxable Market Value	Taxes
2022	Hs Investors Llc	$6,062,960	$142,299.84
2021	Hs Investors Llc	$6,062,960	$139,634.87
2020	Hs Investors Llc	$5,272,150	$133,573.86
2019	Hs Investors Llc	$5,272,150	$132,008.33
2018	Hs Investors Llc	$5,272,150	$128,274.02
2017	Hs Investors Llc	$5,272,150	$120,885.74
2016	Hs Investors Llc	$5,272,150	$118,688.11
2015	Hs Investors Llc	$5,272,150	$116,464.21
2014	Hs Investors Llc	$4,584,495	$100,524.07
2013	Hs Investors Llc	$4,584,495	$99,175.72
2012	Hs Investors Llc	$4,584,495	$96,728.11
2011	Hs Investors Llc	$4,584,495	$94,775.11
2010	Hs Investors Llc	$4,584,495	$93,509.28
2009	Hs Investors Llc	$3,986,819	$87,102.74
2008	Hs Investors Llc	$3,986,819	$85,329.89
2007	Hs Investors Llc	$3,986,819	$82,315.85
2006	Highland Sq Ii Apts Assoc A Lt	$3,519,969	$77,077.76
2005	Highland Sq Ii Apts Assoc A Lt	$3,519,969	$72,290.96
2004	Highland Sq Ii Apts Assoc A Lt	$3,519,969	$70,274.88
2003	Highland Sq Ii Apts Assoc A Lt	$3,519,969	$69,519.09
2002	Highland Sq Ii Apts Assoc A Lt	$3,519,969	$68,826.36
2001	Highland Sq Ii Apts Assoc A Lt	$3,519,969	$65,911.68
2000	Highland Sq Ii Apts Assoc A Lt	$2,223,500	$42,213.55
1999	Highland Sq Ii Apts Assoc A Lt	$2,223,500	$41,666.57
1998	Highland Sq Ii Apts Assoc A Lt	$2,223,500	$39,911.70

Ownership History				
Owner Name	Deed Book	Deed Page	Date of Last Sale	Last Sale Price
Hs Investors Llc	2186	1879	20060130	$4,048,000
Highland Sq Ii Apts Assoc A Lt	1093	990	19781219	$0

PROPERTY PHOTOGRAPHS

1. Representative view of subject property apartment building exterior

2. Subject property playground

3. Subject property tennis court

4. Subject property clubhouse exterior

5. Subject property swimming pool area and northern electrical transmission line support

6. Subject property northern electrical transmission line support placard

7. Subject property southern electrical transmission line support

8. Subject property maintenance storage shed exterior

9. Subject property maintenance storage shed interior

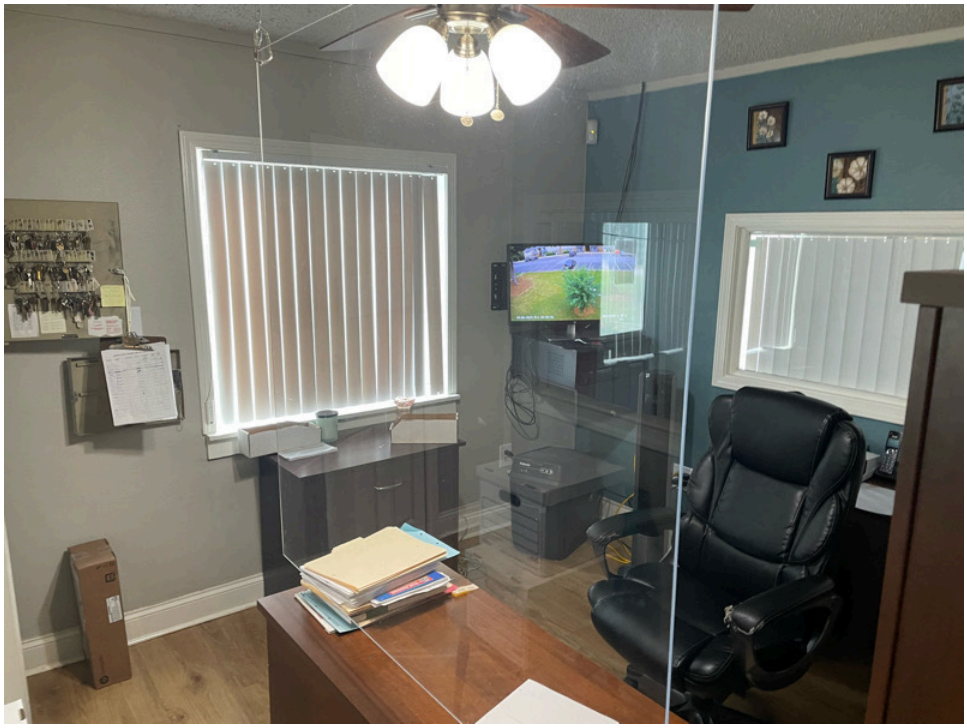
10. Subject property propane AST

11. Representative view of subject property tenant mailboxes

12. Representative view of subject property pad-mounted transformer

13. Representative view of subject property storm water drain

14. Subject property signage



15. Representative view of subject property leasing office

16. Representative view of subject property clubhouse interior

17. Representative view of subject property clubhouse interior

18. Subject property tenant laundry room

19. Representative view of subject property clubhouse restroom

20. Subject property swimming pool equipment

21. Representative view of subject property apartment living room

22. Representative view of subject property apartment kitchen

23. Representative view of subject property apartment bedroom

24. Representative view of subject property apartment bathroom

25. Representative view of subject property apartment utility closet

26. Representative view of eastern adjoining single-family residences

27. Eastern adjoining electrical transmission line support

28. Southern adjoining residential condominiums

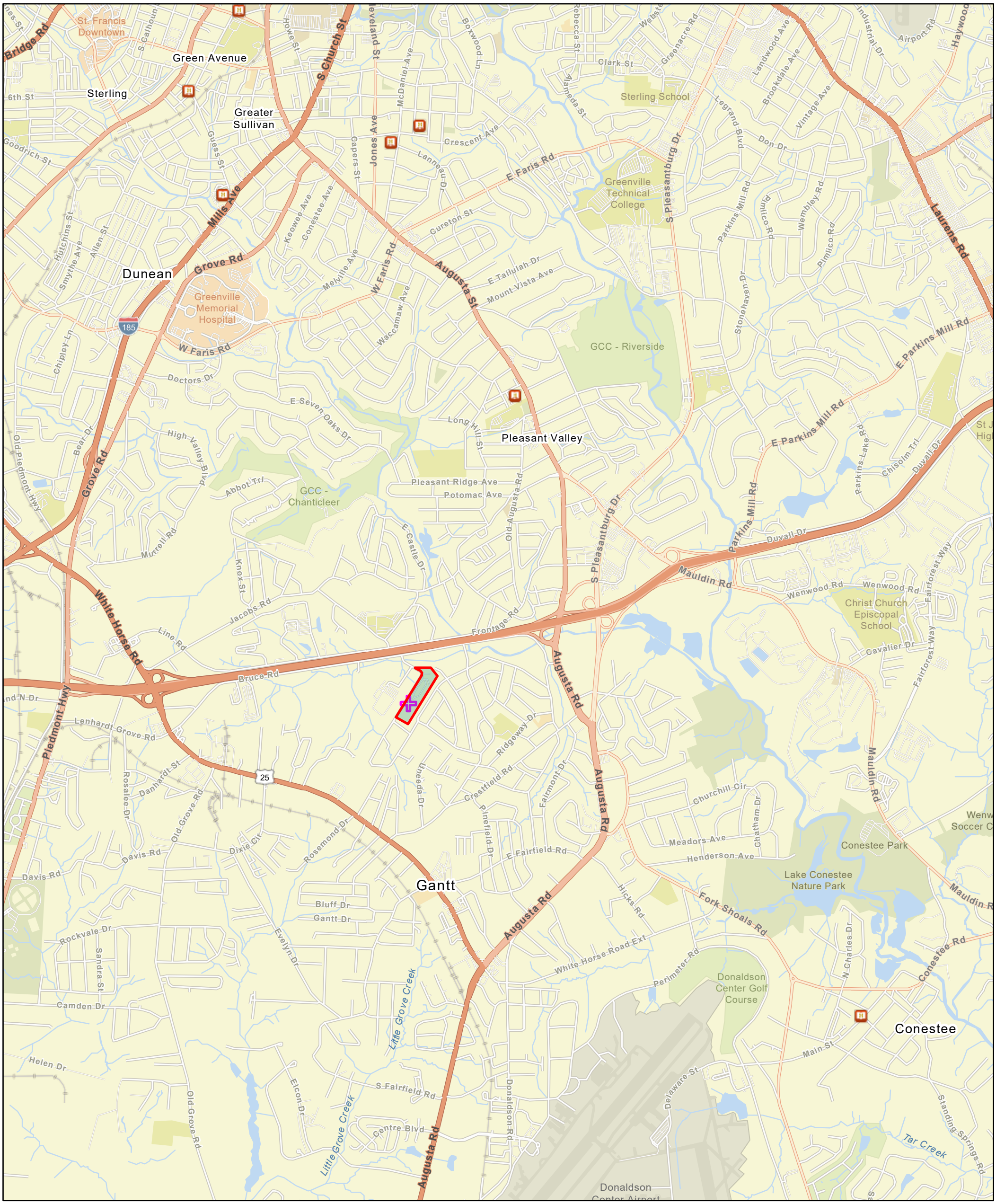
29. Western adjoining Fedex distribution center

Highland Square Apartments

Construction Scope

Item	QTY	Meas.	Unit Cost	Total Cost
Kitchen				
Replace countertops with 2cm solid surface stone	152	unit	$ 1,700.00	$ 258,400.00
Re-install stainless steel sink	152	unit	$ 175.00	$ 26,600.00
Re-install garbage disposals	152	unit	$ 100.00	$ 15,200.00
Re-install faucet (including new water lines & p-traps)	152	unit	$ 250.00	$ 38,000.00
Bathrooms				
Install new steel tub & three-piece fiberglass surround	200	unit	$ 3,500.00	$ 700,000.00
Demo tub & existing surround			$ 250.00	
Surround install prep			$ 250.00	
Steel tub			$ 750.00	
Three-piece fiberglass surround			$ 1,500.00	
Install tub drain & trim (drain and overflow cap)			$ 250.00	
Install shower/tub valve & trim (including diverter valve, valve trim, tub spout and shower head)			$ 500.00	
Install shower rod	152	unit	$ 100.00	$ 15,200.00
Front Door				
Replace front door	152	unit	$ 1,200.00	$ 182,400.00
Replace front door hardware	152	unit	$ 250.00	$ 38,000.00
General Interior				
Allocated general demo (task level demo built into each line item)	152	unit	$ 200.00	$ 30,400.00
Replace all outlets, switches, low voltage and covers	4560	each	$ 30.00	$ 136,800.00
Install new door stops	912	each	$ 5.00	$ 4,560.00
Install new vinyl floors, glue down LVP	78806	sqft	$ 7.00	$ 551,642.00
Install new baseboards	157612	sqft	$ 2.00	$ 315,224.00
Paint entire unit (walls, ceilings, doors, trim and baseboards)	157612	sqft	$ 5.00	$ 788,060.00
Replace thermostat	152	unit	$ 125.00	$ 19,000.00
Drywall, TBT allowance (sheetrock repair)	152	unit	$ 500.00	$ 76,000.00
Clean entire unit	152	unit	$ 300.00	$ 45,600.00
Converted ADA units	8	unit	$ 20,000.00	$ 160,000.00
Converted HVI units	3	unit	$ 5,000.00	$ 15,000.00
Replace lighting	152	unit	$ 600.00	$ 91,200.00
MEP's				
Replace HVAC condensor & air handlers	152	unit	$ 6,500.00	$ 988,000.00
Replace unit water heaters	152	unit	$ 2,000.00	$ 304,000.00
Replace exterior hallway lights as needed	68	Allow	$ 600.00	$ 40,800.00
Replace general exterior lighting	1	Allow	$ 25,000.00	$ 25,000.00
Common Area Amenities				
Install pedestal mailboxes with lockers	10	unit	$ 3,500.00	$ 35,000.00
Community room & kitchen refresh	1	Allow	$ 40,000.00	$ 40,000.00
Community business center	1	Allow	$ 5,000.00	$ 5,000.00
Leasing office refresh	1	Allow	$ 15,000.00	$ 15,000.00
Community pool refresh	1	Allow	$ 25,000.00	$ 25,000.00
Laundry room refresh	1	Allow	$ 5,000.00	$ 5,000.00
Upgrade existing playground	1	Allow	$ 40,000.00	$ 40,000.00
Building envelope				
Add more security camera coverage to existing system	1	Allow	$ 30,000.00	$ 30,000.00
Roof replacement	85000	sqft	$ 5.00	$ 425,000.00
Gutter replacement	3000	Allow	$ 20.00	$ 60,000.00
Masonry, siding and façade repair	1	Allow	$ 50,000.00	$ 50,000.00
Replace staircase(s) tread and risers	34	each	$ 7,500.00	$ 255,000.00
Site Improvements				
Mill & 2' overlay asphalt in parking lot and drive, restripe	1	Allow	$ 200,000.00	$ 200,000.00
Misc. concrete repairs	1	Allow	$ 50,000.00	$ 50,000.00
Install ADA compliant ramps & railings	1	Allow	$ 35,000.00	$ 35,000.00
Landscaping & tree trimming	1	Allow	$ 35,000.00	$ 35,000.00
Build dumpster enclosures	5	each	$ 2,500.00	$ 12,500.00
Demo or rebuild patio decks and railings	30	each	$ 10,000.00	$ 300,000.00
Replace exterior signage including monument	1	Allow	$ 30,000.00	$ 30,000.00
Demolish tennis court on top of hill and rebuild outdoor community area	1	Allow	$ 50,000.00	$ 50,000.00
Replace swing set at far end of property	1	Allow	$ 12,000.00	$ 12,000.00
Rebuild benches around property	1	Allow	$ 6,200.00	$ 6,200.00
Repair/rebuild railroad tie retention walls	1	Allow	$ 25,000.00	$ 25,000.00
Sub Total:	152	$ 43,459.12		$ 6,605,786.00

National Register of Historic Places



September 11, 2024

Highland Square

Search Result (point)

National Register of Historic Places

1:36,112

0 0.35 0.7 1.4 mi

0 0.5 1 2 km

City of Greenville, Anderson County SC GIS, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, EPA OEI, OFA

SC ArchSite

SCIAA + SCDAH

Public View Map

Legend | Search | Layers

Legend

National Register Points

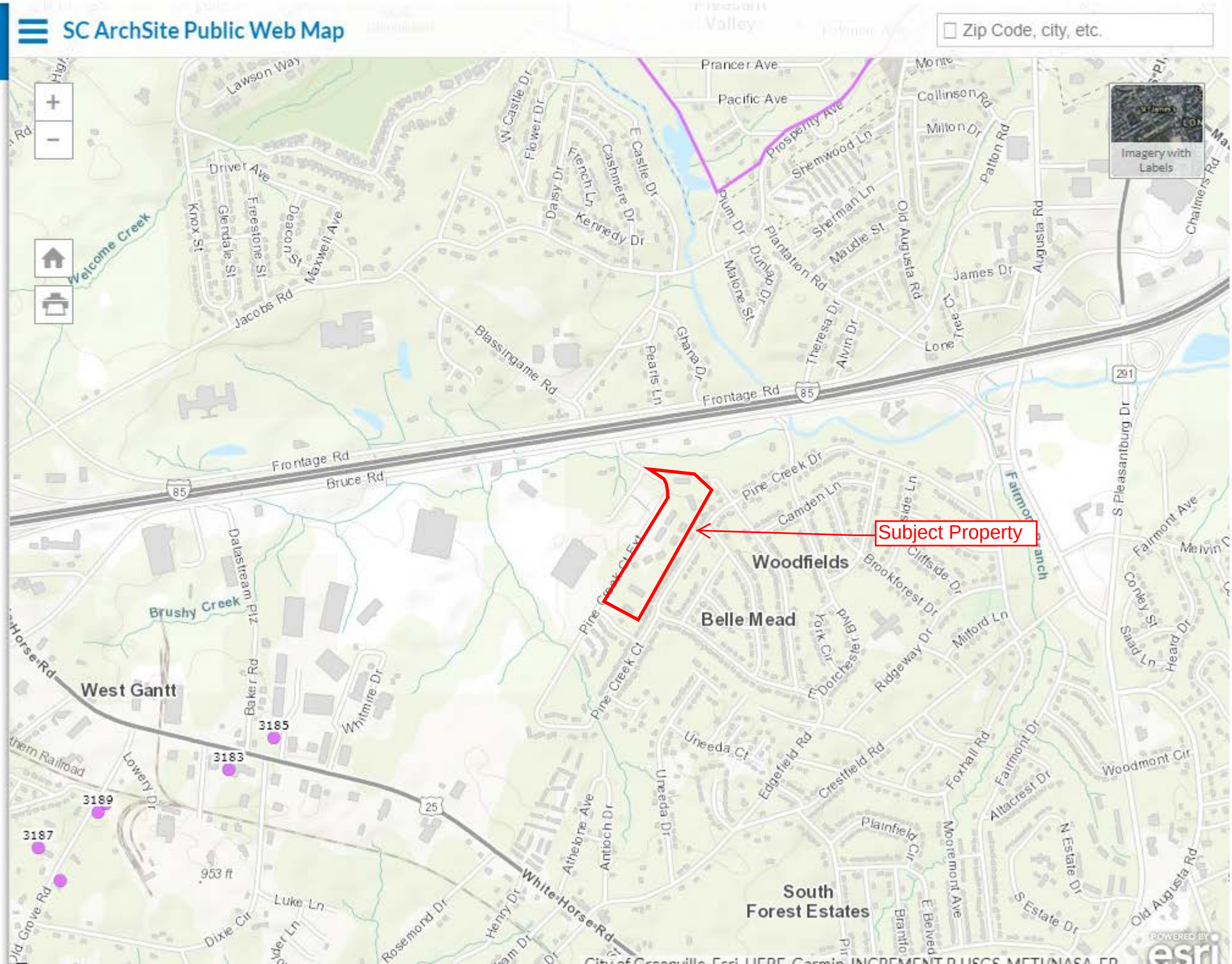
National Register Polygons

Historic Structures

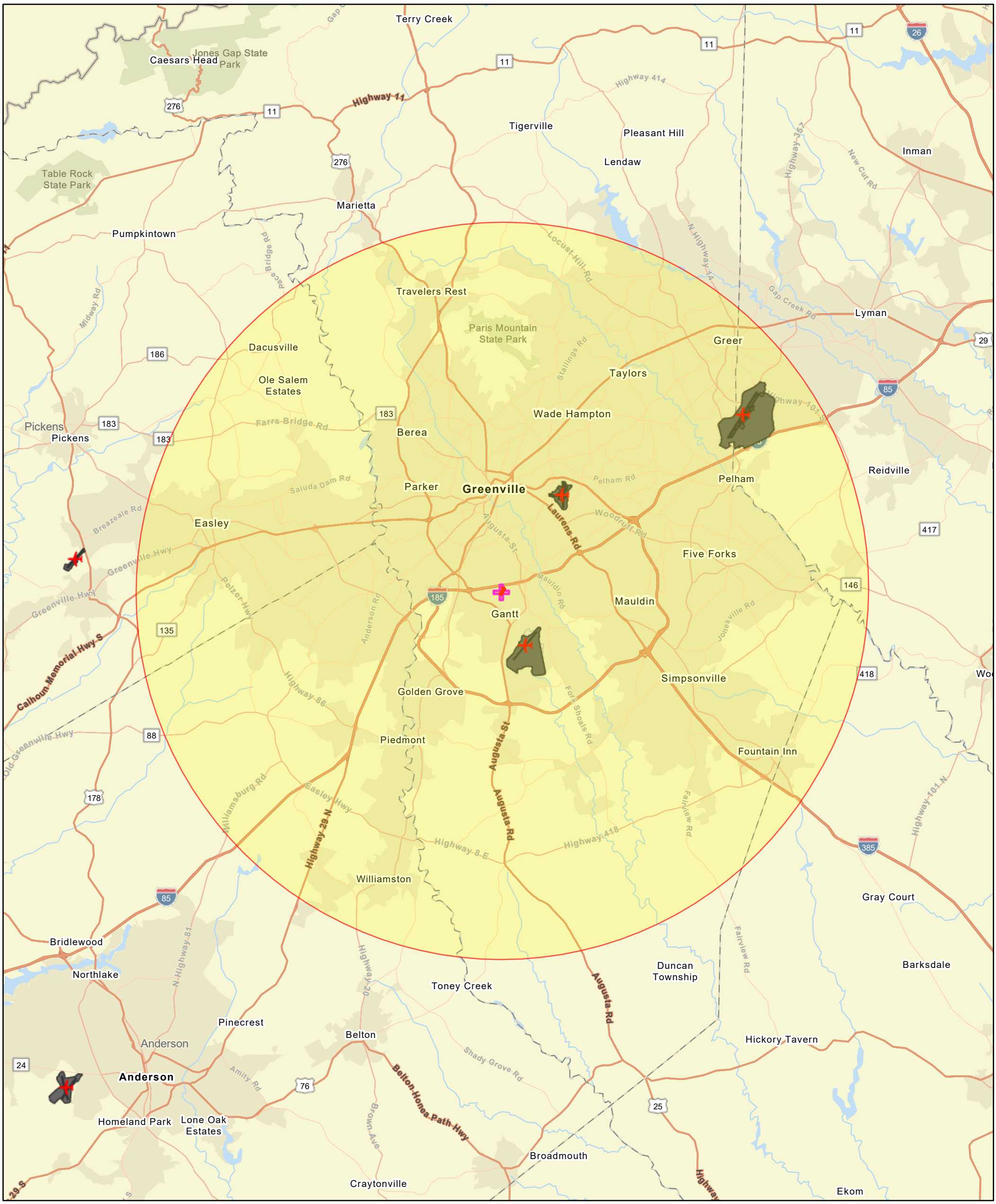
- Not Eligible or Requires Evaluation
- Eligible

Historic Areas

- Not Eligible or Requires Evaluation
- Significant Resource/Requires Evaluation



Airports within 15 Miles



September 10, 2024

Project Buffer

Highland Square

Search Result (point)

Airport Points

Airport Polygons

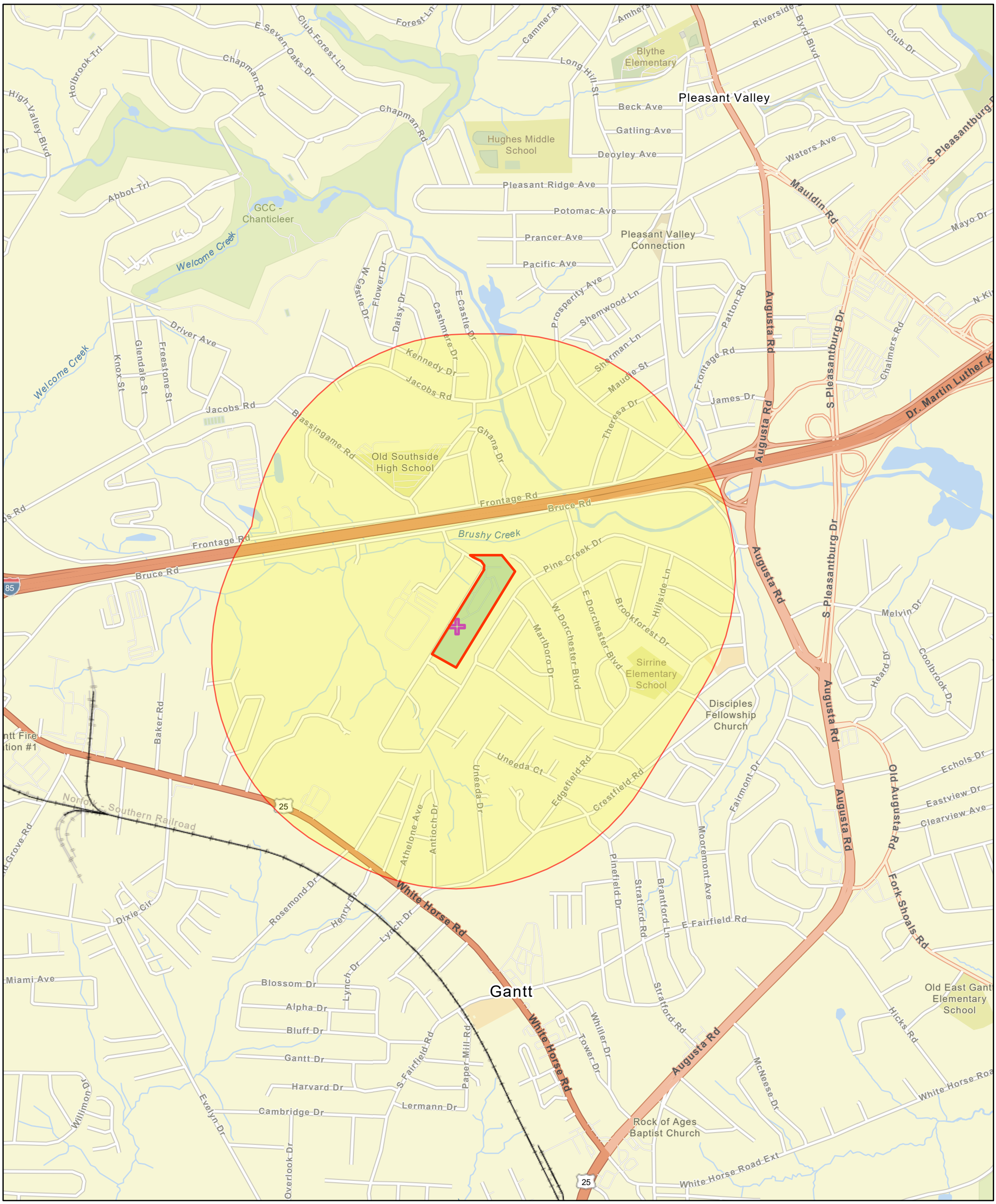
1:288,895

0 2.75 5.5 11 mi

0 4.25 8.5 17 km

City of Greenville, Anderson County SC GIS, Esri, TomTom, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, USFWS, EPA OEI

Railroads within 3,000 Feet



September 10, 2024

Project Buffer

Highland Square

Search Result (point)

Railroads

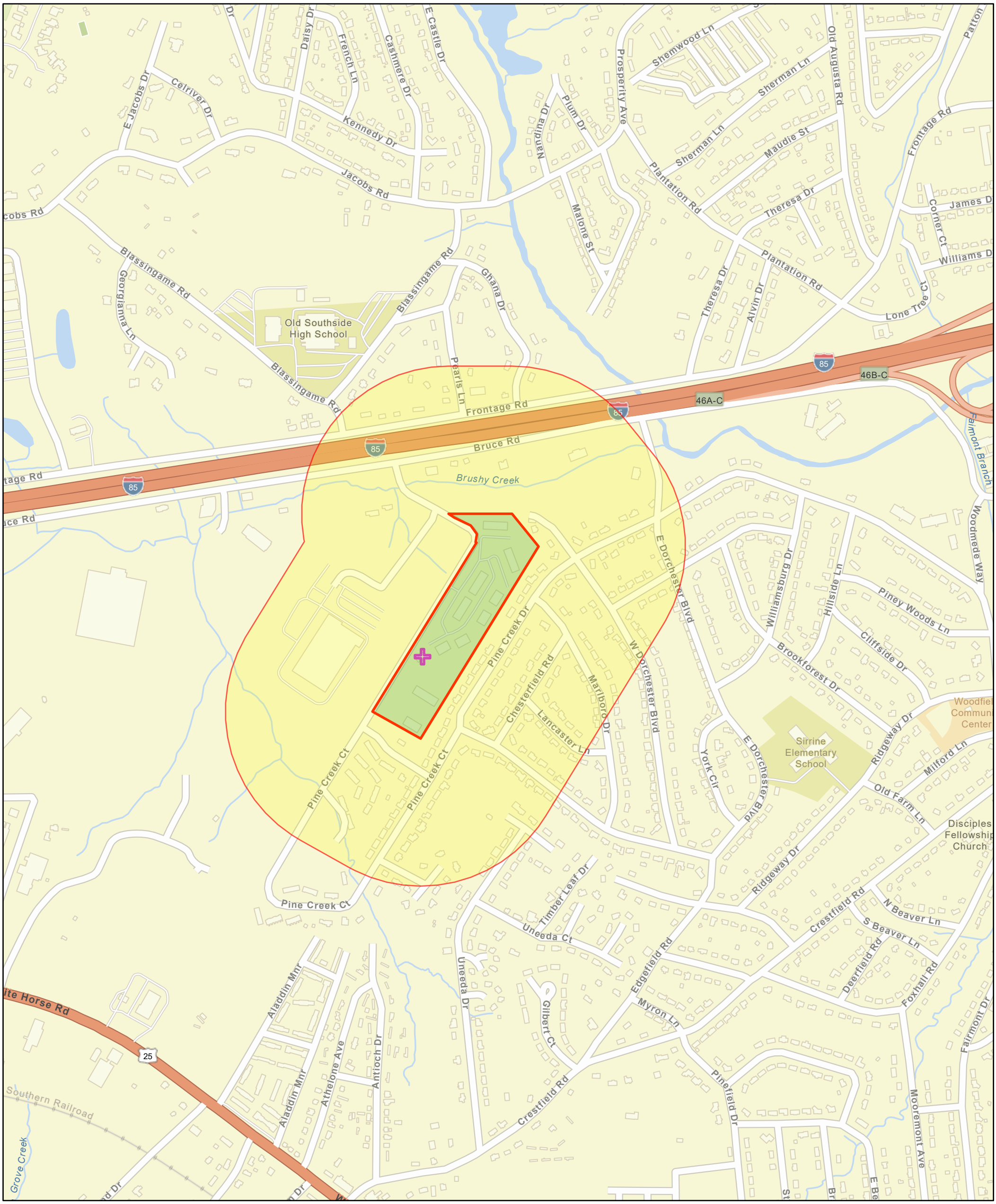
1:18,056

0 0.17 0.35 0.7 mi

0 0.28 0.55 1.1 km

Esri Community Maps Contributors, City of Greenville, Anderson County SC GIS, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, EPA OEI

Major Roads within 1,000 Feet



September 10, 2024

Project Buffer

Highland Square

Search Result (point)

1:9,028

0 0.07 0.15 0.3 mi

0 0.13 0.25 0.5 km

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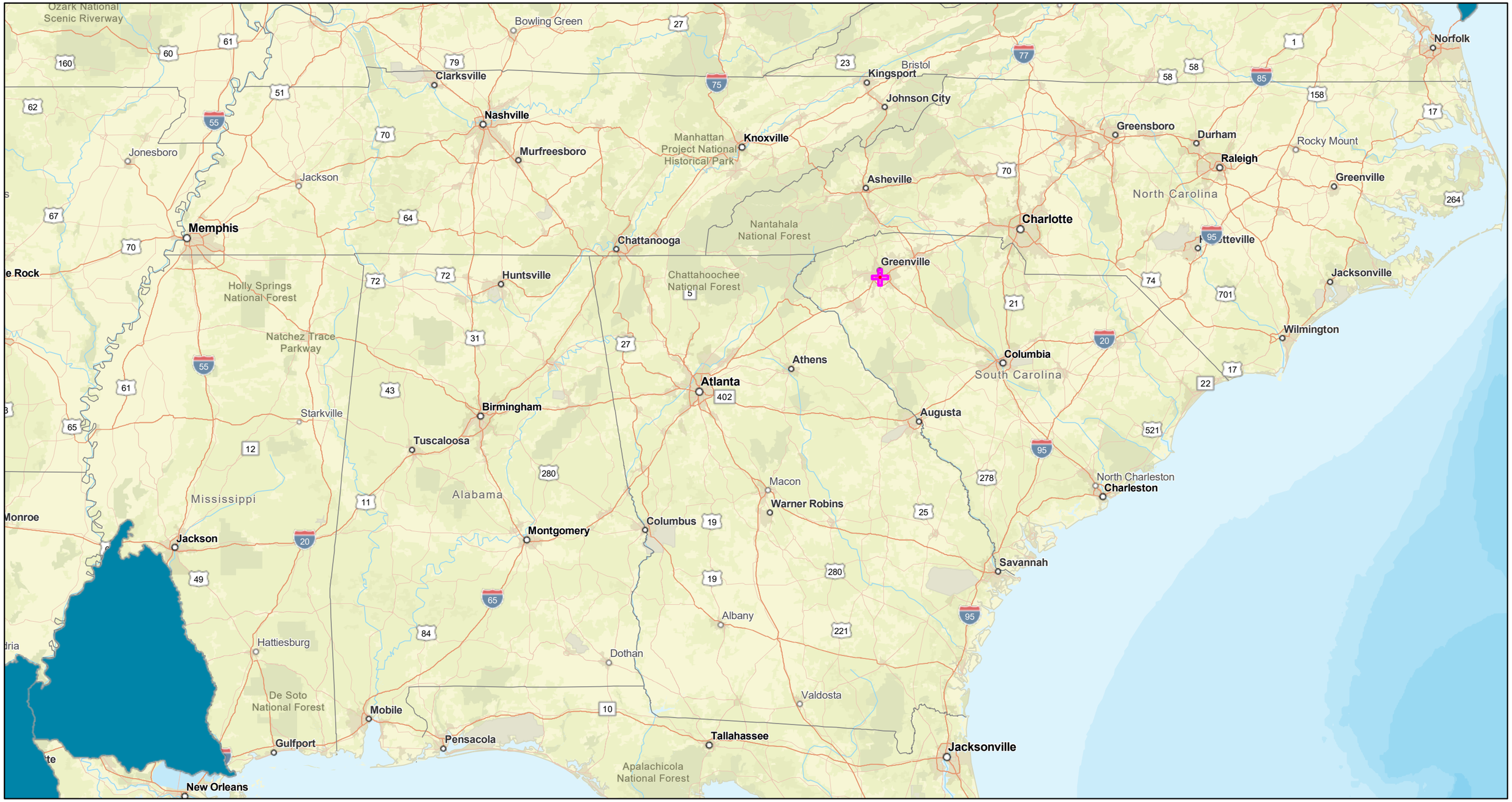
Sole Source Aquifers



September 11, 2024

Highland Square

Search Result (point)

Sole Source Aquifers

1:4,622,324

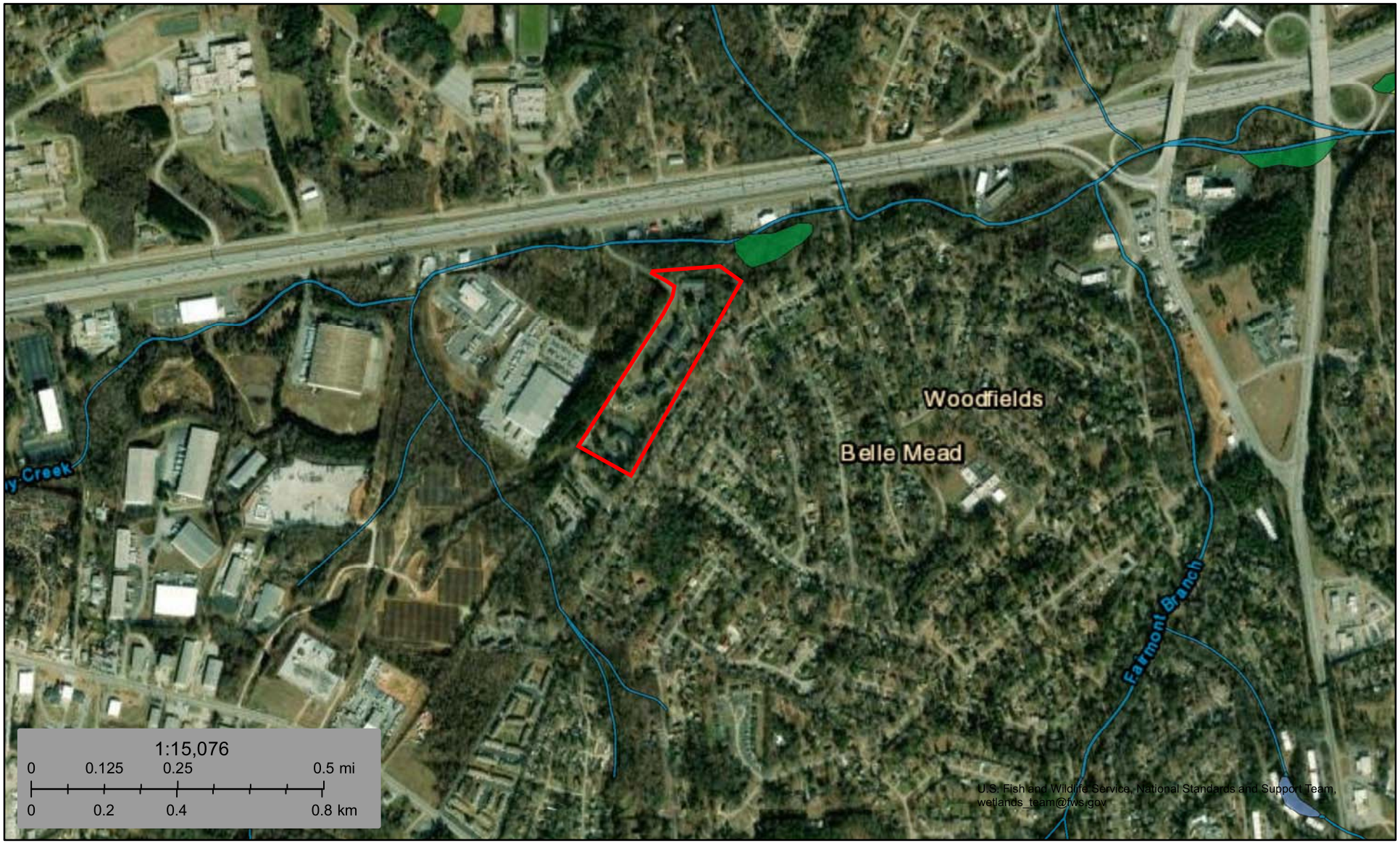
0 45 90 180 mi

0 75 150 300 km

Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS

U.S. Fish and Wildlife Service
National Wetlands Inventory

Wetlands Map



September 11, 2024

Wetlands

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

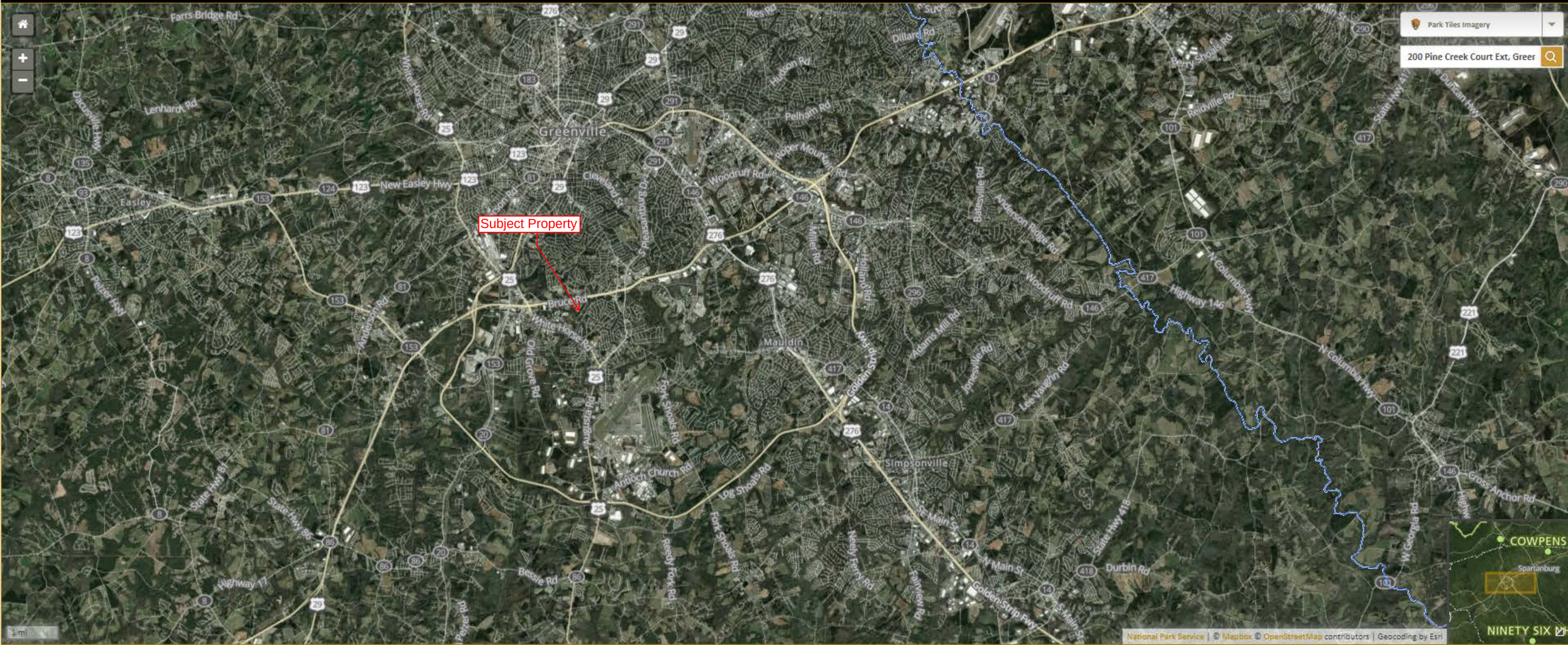
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

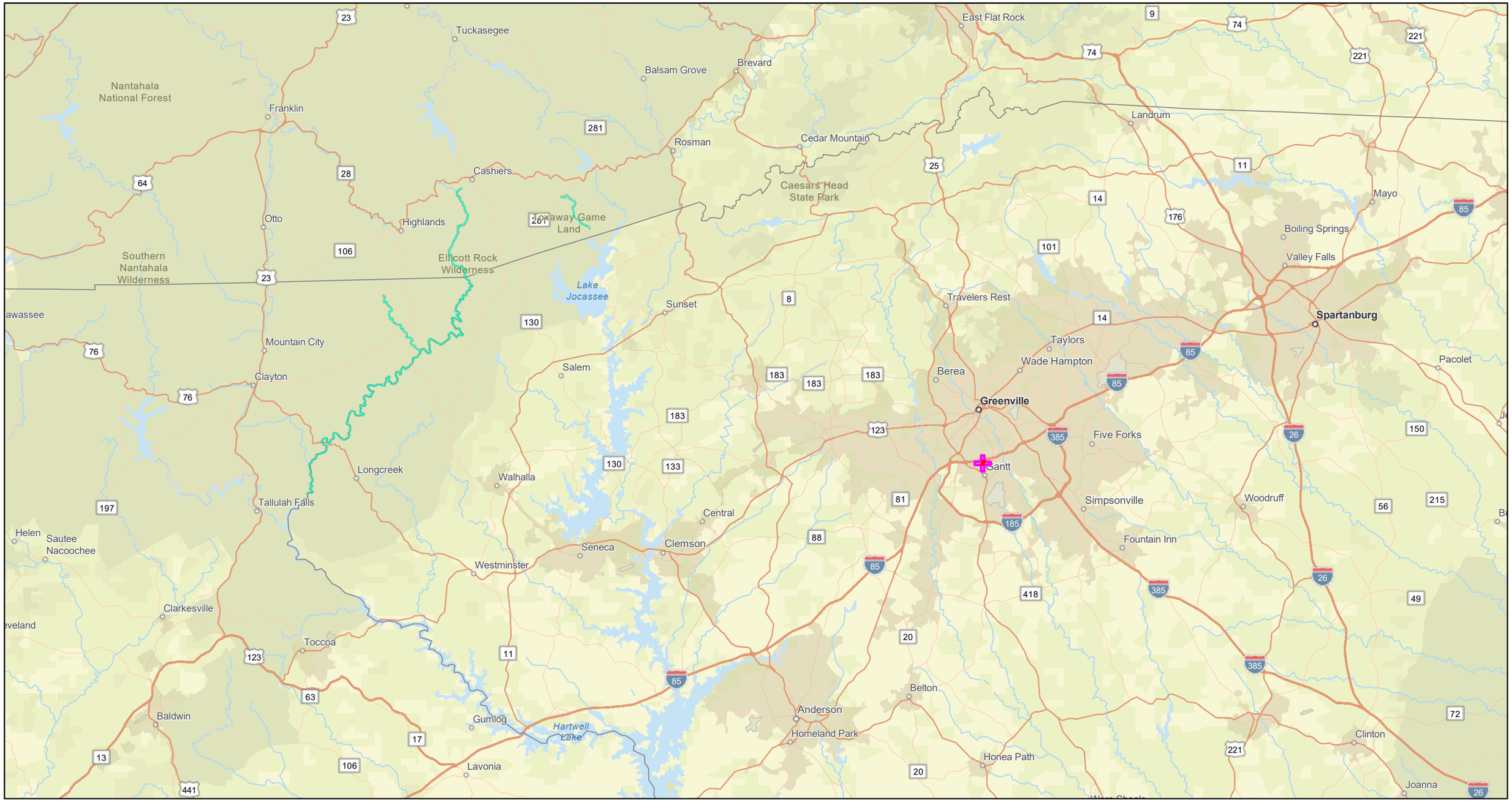
Nationwide Rivers Inventory

This is a listing of more than 3,200 free-flowing river segments in the U.S. that are believed to possess one or more "outstandingly remarkable" values.

National Park Service
U.S. Department of the Interior



Wild and Scenic Rivers



September 11, 2024

1:577,791

0 5 10 20 mi

0 5 10 20 km

Highland Square

Search Result (point)

Wild and Scenic Rivers

City of Greenville, Esri, TomTom, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS, USFWS

Study Rivers

There are two study provisions in the Act — Section 5(a), through which Congress directs the study of select rivers, and Section 5(d)(1), which directs federal agencies to identify potential additions to the National Wild and Scenic Rivers System (National System) through federal agency plans. A brief explanation is provided in the following respective sections below.

Current Active Studies

Currently, there are two rivers or river systems under “authorized” study under Section 5(a) of the Wild & Scenic Rivers Act. This does not include those that might be under assessment as part of normal agency land-planning processes.

- Kissimmee River, Florida (Public Law 117-328, December 29, 2022) – Study not yet initiated by the National Park Service.
- Little Manatee River, Florida (Public Law 117-328, December 29, 2022) – Study not yet initiated by the National Park Service.

Section 2(a)(ii) Studies

Under Section 2(a)(ii) of the Act, a governor (or governors for a river in multiple states) of a state can request that a river be designated, provided certain conditions are met (refer to the **Council White Paper on Section 2(a)(ii) (/sites/rivers/files/2023-01/2aii.pdf)** for specifics). The National Park Service then conducts a study to determine of certain conditions are met. Here are some of the studies conducted under Section 2(a)(ii). Again, if you don’t see a study listed, we do not have a copy.

Section 2(a)(ii) Studies

- **Allagash River Study Report (/sites/rivers/files/2022-12/allagash-study.pdf)**, Maine

- **American River Eligibility Report (/sites/rivers/files/2022-12/american-eel-klamath-smith-trinity-study.pdf)**, California
- **American River Environmental Impact Statement (/sites/rivers/files/2022-12/american-eel-klamath-smith-trinity-eis.pdf)**, California
- **Big & Little Darby Creeks Study Report & Environmental Assessment (/sites/rivers/files/2022-12/big-little-darby-creeks-study-ea.pdf)**, Ohio
- **Eel River Eligibility Report (/sites/rivers/files/2022-12/american-eel-klamath-smith-trinity-study.pdf)**, California
- **Eel River Environmental Impact Statement (/sites/rivers/files/2022-12/american-eel-klamath-smith-trinity-eis.pdf)**, California
- **Klamath River Eligibility Report (/sites/rivers/files/2022-12/american-eel-klamath-smith-trinity-study.pdf)**, California
- **Klamath River Environmental Impact Statement (/sites/rivers/files/2022-12/american-eel-klamath-smith-trinity-eis.pdf)**, California
- **Klamath River Study Report (/sites/rivers/files/2023-01/klamath-study.pdf)**, Oregon
- **Lumber River Study Report (/sites/rivers/files/2023-01/lumber-study.pdf)**, North Carolina
- **New River (South Fork) Study Report & Environmental Impact Statement (/sites/rivers/files/2023-01/new-sf-study-eis.pdf)**, North Carolina
- **Smith River Eligibility Report (/sites/rivers/files/2022-12/american-eel-klamath-smith-trinity-study.pdf)**, California
- **Smith River Environmental Impact Statement (/sites/rivers/files/2022-12/american-eel-klamath-smith-trinity-eis.pdf)**, California
- **Trinity River Eligibility Report (/sites/rivers/files/2022-12/american-eel-klamath-smith-trinity-study.pdf)**, California
- **Trinity River Environmental Impact Statement (/sites/rivers/files/2022-12/american-eel-klamath-smith-trinity-eis.pdf)**, California
- **Wallowa River Study Report (/sites/rivers/files/2023-01/wallowa-study.pdf)**, Oregon
- **Westfield River Study Report & Environmental Assessment (Initial Study 1993) (/sites/rivers/files/2023-01/westfield-river-evaluation-ea.pdf)**, Massachusetts
- **Westfield River Draft Study Report (Expansion 2002) (/sites/rivers/files/2023-01/westfield-draft-2aii-addition-study.pdf)**, Massachusetts

Musconetcong River Special Study

In 1997, 18 of 19 municipalities along the Musconetcong River in New Jersey voted to request that the National Park Service study the river to determine its eligibility and suitability for inclusion into the National System. This was done under the authorities of

CMRA

U.S. Electric Power Transmission Lines

Federal User Community
Esri U.S. Federal Datasets

Summary

This feature layer, utilizing data from Homeland Infrastructure Foundation-Level Data, depicts electric power transmission lines in the United States.

View Full Details

Download

Details

Dataset
Feature Layer

August 16, 2022
Info Updated

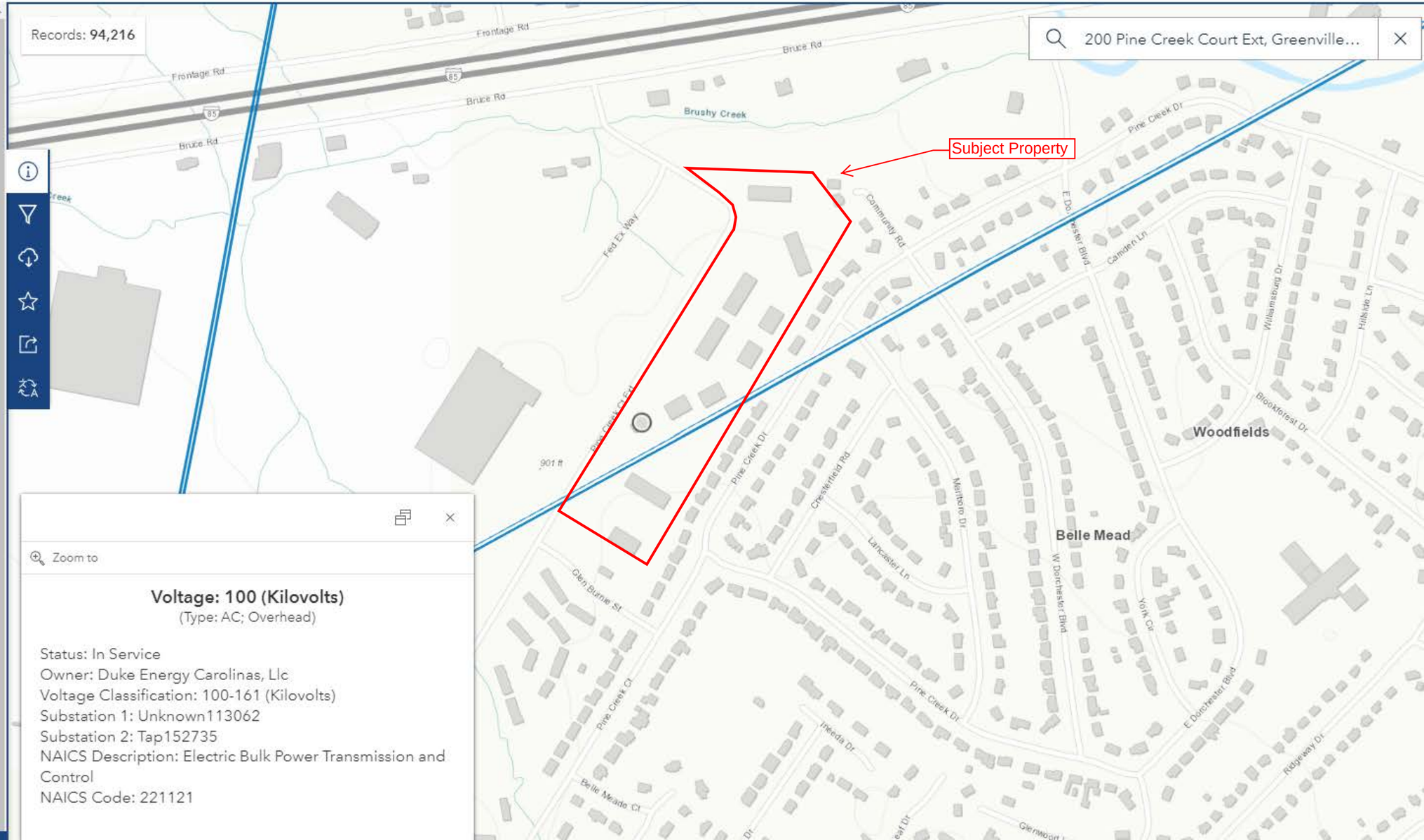
March 11, 2024
Data Updated

August 16, 2022 at 8:48 AM
Published Date

Records: 94,216
View data table

Public
Anyone can see this content

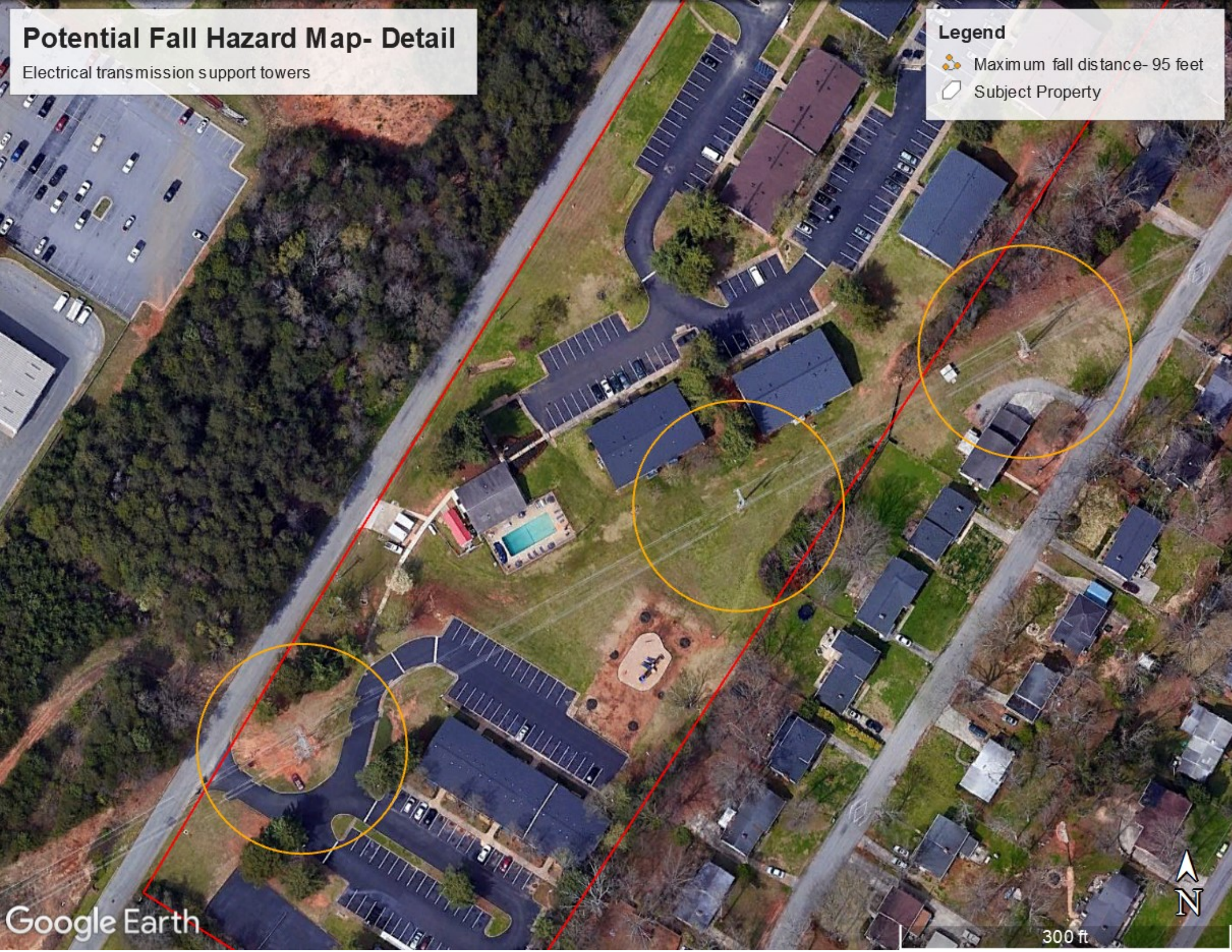
Custom License
View license details



Potential Fall Hazard Map
Electrical transmission support towers
Legend
Maximum fall distance- 95 feet
Subject Property
Google Earth
800 ft
N

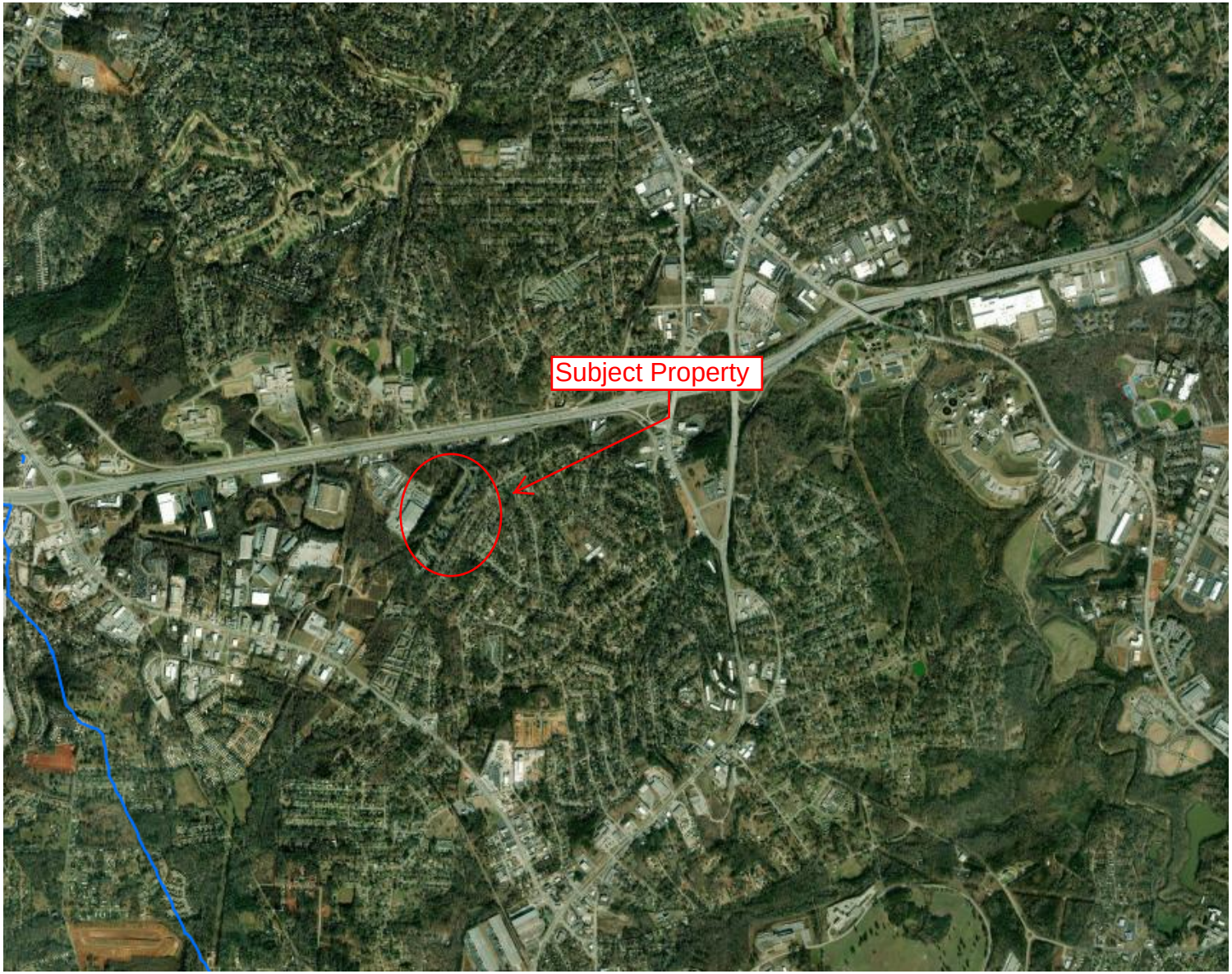
Potential Fall Hazard Map- Detail

Electrical transmission support towers



Pipeline and Hazardous Materials Safety Administration

NATIONAL PIPELINE MAPPING SYSTEM



Legend

- Gas Transmission Pipelines
- Hazardous Liquid Pipelines

500 m
1000 ft

Pipelines depicted on this map represent gas transmission and hazardous liquid lines only. Gas gathering and gas distribution systems are not represented.

This map should never be used as a substitute for contacting a one-call center prior to excavation activities. Please call 811 before any digging occurs.

Questions regarding this map or its contents can be directed to npms@dot.gov.

Projection: Geographic

Datum: NAD83

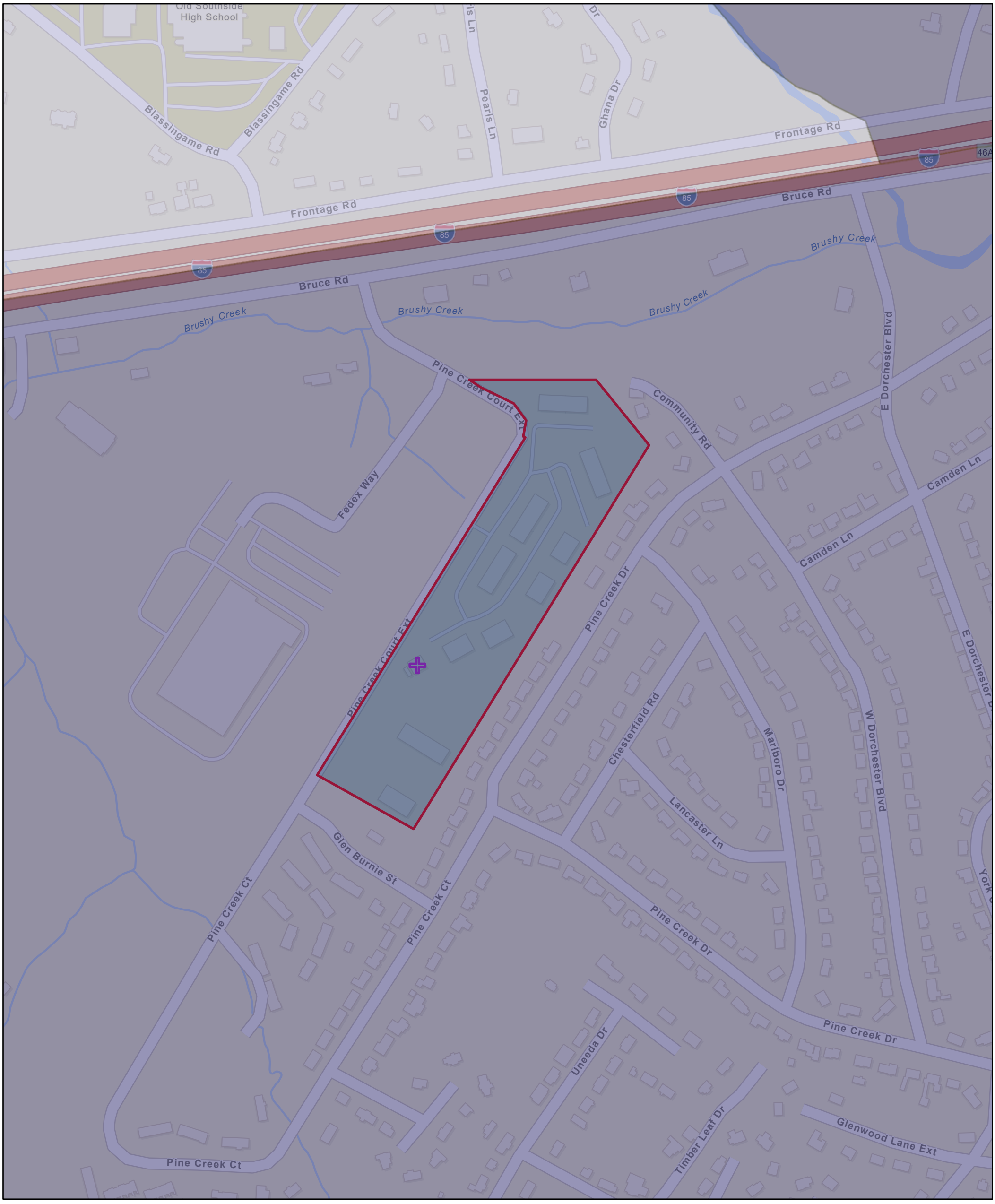
Map produced by the Public Viewer application at www.npms.phmsa.dot.gov

World Imagery map service data is attributed to Esri, Maxar, Earthstar Geographics, and the GIS User Community.

Date Printed: Sep 11, 2024

811 Know what's below. Call before you dig.

Percent Population Below Poverty Level



September 11, 2024

Source: 2018-2022 ACS (tr)

- > 4.6 – 8.3
- > 21 – 100
- Highland Square
- Search Result (point)

1:4,514

0 0.04 0.09 0.17 mi

0 0.05 0.1 0.2 km

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EJScreen Community Report

This report provides environmental and socioeconomic information for user-defined areas, and combines that data into environmental justice and supplemental indexes.

Gantt, SC

Tract: 45045002001
Population: 2,560
Area in square miles: 1.51

COMMUNITY INFORMATION

Low income: 61 percent	People of color: 91 percent	Less than high school education: 29 percent	Limited English households: 3 percent
Unemployment: 19 percent	Persons with disabilities: 21 percent	Male: 41 percent	Female: 59 percent
73 years Average life expectancy	$18,410 Per capita income	Number of households: 1,121	Owner occupied: 46 percent

BREAKDOWN BY RACE

White: 9%	Black: 66%	American Indian: 0%	Asian: 0%
Hawaiian/Pacific Islander: 0%	Other race: 0%	Two or more races: 0%	Hispanic: 25%

BREAKDOWN BY AGE

From Ages 1 to 4	6%
From Ages 1 to 18	25%
From Ages 18 and up	75%
From Ages 65 and up	17%

LIMITED ENGLISH SPEAKING BREAKDOWN

Speak Spanish	100%
Speak Other Indo-European Languages	0%
Speak Asian-Pacific Island Languages	0%
Speak Other Languages	0%

Notes: Numbers may not sum to totals due to rounding. Hispanic population can be of any race. Source: U.S. Census Bureau, American Community Survey (ACS) 2018-2022. Life expectancy data comes from the Centers for Disease Control.

LANGUAGES SPOKEN AT HOME

LANGUAGE	PERCENT
English	77%
Spanish	22%
Tagalog (including Filipino)	1%
Total Non-English	23%

Report for Tract: 45045002001

Report produced September 11, 2024 using EJScreen Version 2.3

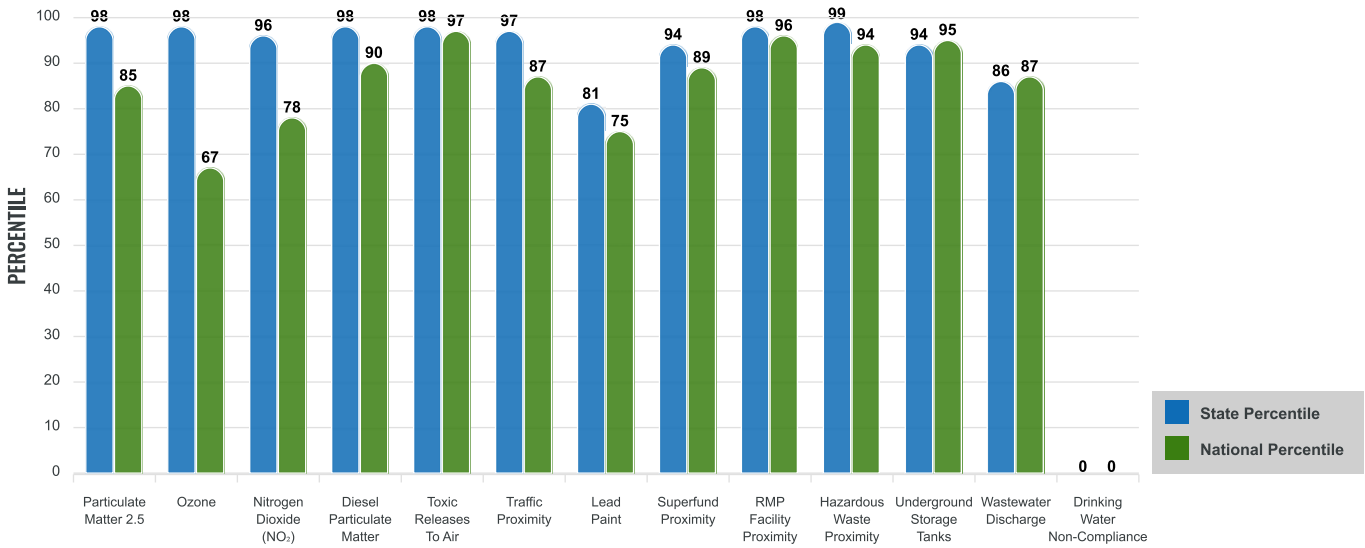
Environmental Justice & Supplemental Indexes

The environmental justice and supplemental indexes are a combination of environmental and socioeconomic information. There are thirteen EJ indexes and supplemental indexes in EJScreen reflecting the 13 environmental indicators. The indexes for a selected area are compared to those for all other locations in the state or nation. For more information and calculation details on the EJ and supplemental indexes, please visit the EJScreen website.

EJ INDEXES

The EJ indexes help users screen for potential EJ concerns. To do this, the EJ index combines data on low income and people of color populations with a single environmental indicator.

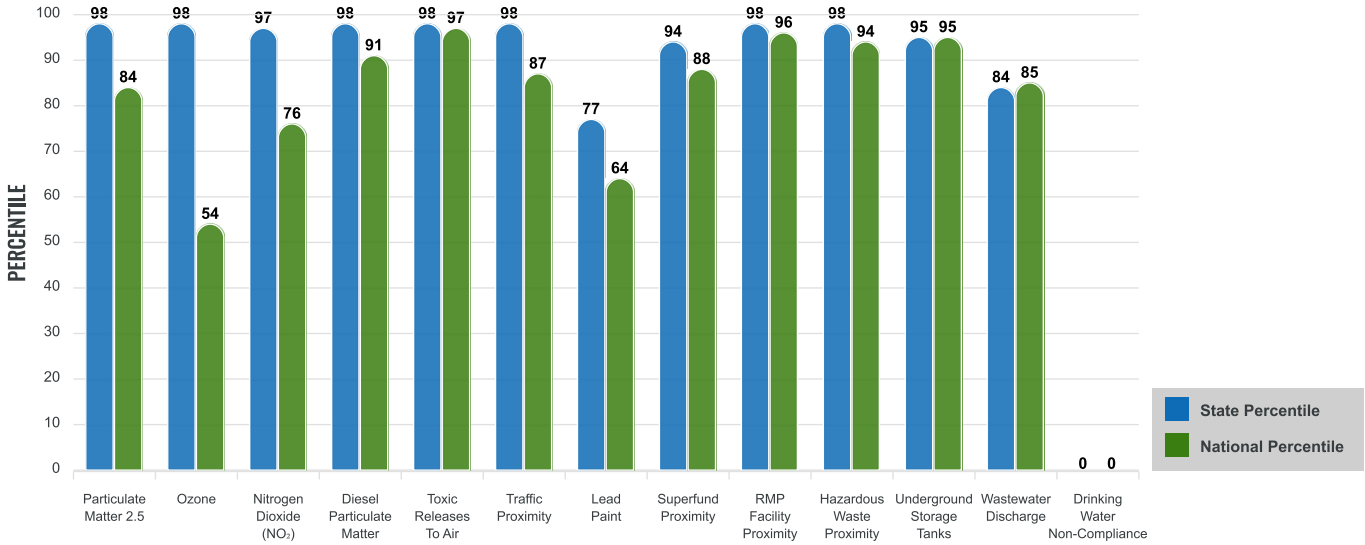
EJ INDEXES FOR THE SELECTED LOCATION



SUPPLEMENTAL INDEXES

The supplemental indexes offer a different perspective on community-level vulnerability. They combine data on percent low income, percent persons with disabilities, percent less than high school education, percent limited English speaking, and percent low life expectancy with a single environmental indicator.

SUPPLEMENTAL INDEXES FOR THE SELECTED LOCATION



Report for Tract: 45045002001

Report produced September 11, 2024 using EJScreen Version 2.3

EJScreen Environmental and Socioeconomic Indicators Data

SELECTED VARIABLES	VALUE	STATE AVERAGE	PERCENTILE IN STATE	USA AVERAGE	PERCENTILE IN USA
ENVIRONMENTAL BURDEN INDICATORS					
Particulate Matter 2.5 ($\mu g/m^3$)	8.23	7.64	87	8.45	52
Ozone (ppb)	56	53.2	90	61.8	27
Nitrogen Dioxide (NO_2) (ppbv)	7	4.6	89	7.8	44
Diesel Particulate Matter ($\mu g/m^3$)	0.206	0.116	92	0.191	65
Toxic Releases to Air (toxicity-weighted concentration)	5,700	3,000	85	4,600	87
Traffic Proximity (daily traffic count/distance to road)	1,100,000	390,000	91	1,700,000	58
Lead Paint (% Pre-1960 Housing)	0.12	0.16	56	0.3	38
Superfund Proximity (site count/km distance)	0.095	0.26	66	0.39	58
RMP Facility Proximity (facility count/km distance)	1.3	0.37	93	0.57	86
Hazardous Waste Proximity (facility count/km distance)	4.1	0.79	98	3.5	74
Underground Storage Tanks (count/km^2)	6.7	2.8	85	3.6	84
Wastewater Discharge (toxicity-weighted concentration/m distance)	83	1200	50	700000	54
Drinking Water Non-Compliance (points)	0	0.22	0	2.2	0
SOCIOECONOMIC INDICATORS					
Demographic Index USA	2.86	N/A	N/A	1.34	93
Supplemental Demographic Index USA	2.73	N/A	N/A	1.64	93
Demographic Index State	3.15	1.58	94	N/A	N/A
Supplemental Demographic Index State	2.66	1.56	94	N/A	N/A
People of Color	91%	39%	95	40%	89
Low Income	61%	36%	86	30%	89
Unemployment Rate	19%	6%	94	6%	95
Limited English Speaking Households	3%	1%	86	5%	68
Less Than High School Education	29%	12%	93	11%	91
Under Age 5	6%	5%	67	5%	66
Over Age 64	17%	20%	45	18%	52

*Diesel particulate matter index is from the EPA's Air Toxics Data Update, which is the Agency's ongoing, comprehensive evaluation of air toxics in the United States. This effort aims to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that the air toxics data presented here provide broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. More information on the Air Toxics Data Update can be found at: https://www.epa.gov/haps/air-toxics-data-update.

Sites reporting to EPA within defined area:

Superfund 0
Hazardous Waste, Treatment, Storage, and Disposal Facilities 0
Water Dischargers 3
Air Pollution 1
Brownfields 0
Toxic Release Inventory 0

Other community features within defined area:

Schools 0
Hospitals 0
Places of Worship 1

Other environmental data:

Air Non-attainment ..... No
Impaired Waters ..... No

Selected location contains American Indian Reservation Lands* ..... No
Selected location contains a "Justice40 (CEJST)" disadvantaged community ..... Yes
Selected location contains an EPA IRA disadvantaged community ..... Yes

Report for Tract: 45045002001

Report produced September 11, 2024 using EJScreen Version 2.3

EJScreen Environmental and Socioeconomic Indicators Data

HEALTH INDICATORS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Low Life Expectancy	26%	21%	87	20%	92
Heart Disease	6.3	6.2	49	5.8	63
Asthma	12.2	9.9	97	10.3	90
Cancer	5	6.6	9	6.4	22
Persons with Disabilities	21.4%	15.2%	86	13.7%	88

CLIMATE INDICATORS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Flood Risk	7%	12%	50	12%	53
Wildfire Risk	0%	19%	0	14%	0

CRITICAL SERVICE GAPS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Broadband Internet	18%	17%	61	13%	74
Lack of Health Insurance	20%	11%	92	9%	92
Housing Burden	No	N/A	N/A	N/A	N/A
Transportation Access Burden	Yes	N/A	N/A	N/A	N/A
Food Desert	Yes	N/A	N/A	N/A	N/A

Report for Tract: 45045002001

Report produced September 11, 2024 using EJScreen Version 2.3

APPENDIX G

PREVIOUS REPORTS

PARTNER
Engineering and Science, Inc.®

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

Highland Square Apartments
200 Pine Creek Court
Greenville, South Carolina 39605

July 28, 2016
Partner Project No. 16-166770.1

Prepared for:

Fannie Mae
And
Pillar Multifamily, LLC
8330 Boone Boulevard, Suite 800
Vienna, VA 22182

PARTNER
Engineering and Science, Inc.

July 28, 2016

Fannie Mae

and

Mr. Howard Laskow
Pillar Multifamily, LLC
8330 Boone Boulevard, Suite 800
Vienna, VA 22182

Subject: Phase I Environmental Site Assessment
Highland Square Apartments
200 Pine Creek Court
Greenville, South Carolina 39605
Partner Project No. 16-166770.1

Dear Mr. Laskow:

Partner Engineering and Science, Inc. (Partner) is pleased to provide the results of the *Phase I Environmental Site Assessment* (Phase I ESA) report of the abovementioned address (the "subject property"). This assessment was performed in general conformance with the scope and limitations as detailed in the ASTM Practice E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process and Fannie Mae Multifamily Selling and Servicing Guide.

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 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 (214) 666-6800.

Sincerely,

Summer D. Gell
Relationship Manager

EXECUTIVE SUMMARY

Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment (ESA) in general accordance with the scope of work and limitations of ASTM Standard Practice E1527-13, the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) and Fannie Mae Multifamily Selling and Servicing Guide as set forth by Pillar Multifamily, LLC for the property located at 200 Pine Creek Court in the City of Greenville, Greenville County, South Carolina (the "subject property"). The Phase I Environmental Site Assessment is designed to provide Fannie Mae and their respective successors and assigns and Pillar Multifamily, 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 on the east side of Pine Creek Court and the south of Bruce Road within a mixed commercial, industrial and residential area of Greenville County. Please refer to the table below for further description of the subject property:

Subject Property Data	
Address:	200 Pine Creek Court, Greenville, South Carolina
Property Use:	Multi-Family
Land Acreage (Ac):	13.4
Number of Buildings:	10 residential and one leasing office/community center
Number of Floors:	2 and 3
Gross Building Area (SF):	141,010
Net Rentable Area (SF):	138,760
Date of Construction:	1979
Assessor's Parcel Number (APN):	WG02030101200
Type of Construction:	Wood-Framed
Current Tenants:	Highland Square Apartments consisting of 152 residential units
Site Assessment Performed By:	Anthony Bizzarri, Sr. of Partner
Site Assessment Conducted On:	July 19, 2016

The subject property is occupied by Highland Square Apartments for residential use. In addition to the current structures, the subject property is also improved with an in-ground swimming pool, child's swing set, tennis court, asphalt paved parking and landscaping.

According to available historical sources, the subject property was formerly developed with agricultural fields as early as 1943 to the mid-to-late 1960s; unimproved from 1965 to 1978; and developed with the current structure in 1979. Tenants on the subject property include residential tenants (1979-Present).

The immediately surrounding properties consist of wooded land and residential to the north; residential to the south; residential to the east; and wooded land followed by Federal Express Distribution center to the west across Pine Creek Court Extension.

According to United States Department of Agriculture (USDA) and Natural Resources Conservation Services (NRCS), the depth and direction of groundwater in the vicinity of the subject property is inferred to be approximately 15-30 feet below ground surface (bgs) and flows toward the northwest.

Findings

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

- Partner did not identify any recognized environmental conditions during the course of this assessment.

A *controlled recognized environmental condition (CREC)* refers to a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls. The following was identified during the course of this assessment:

- Partner did not identify any controlled recognized environmental conditions during the course of this assessment.

A *historical recognized environmental condition (HREC)* refers to a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls. The following was identified during the course of this assessment:

- Partner did not identify any historical recognized environmental conditions during the course of this assessment.

An *environmental issue* refers to environmental concerns identified by Partner, which do not qualify as RECs; however, warrant further discussion. The following was identified during the course of this assessment:

- The potential exists that asbestos-containing materials (ACMs) are present on-site. Overall, all suspect ACMs were observed in good condition and do not pose a health and safety concern to the occupants of the subject property at this time.

- Radon is a colorless, odorless, naturally occurring, radioactive, inert, gaseous element formed by radioactive decay of radium atoms. Review of the EPA Map of Radon Zones places the subject property in Zone 1, where average predicted radon levels exceed the EPA's action level of 4.0 picoCuries per Liter (pCi/L). At the request of the client, Partner conducted limited sampling

consisting of eight canisters for 72 hours. According to the laboratory results, radon was not detected above the EPA Action Level of 4.0 pCi/L.

Conclusions, Opinions and Recommendations

Partner has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 and the Fannie Mae Multifamily Selling and Servicing Guide of 200 Pine Creek Court in the City of Greenville, Greenville County, South Carolina (the "subject property"). Any

This assessment has revealed no evidence of recognized environmental conditions in connection with the subject property; however environmental issues were identified as discussed above. Based on the conclusions of this assessment, Partner recommends the following:

- An Operations and Maintenance (O&M) (if pre-1981 or current or prior sampling is positive for ACM) Program should be implemented in order to safely manage the suspect ACMs located at the subject property.
- A comprehensive survey for ACMs should be conducted prior to any planned renovation or demolition activities. A licensed asbestos abatement contractor and/or a Certified Asbestos Consultant should perform removal of identified ACMs in accordance with applicable regulations, including the preparation of specifications.

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1.0 INTRODUCTION

Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment (ESA) in general conformance with the scope and limitations of ASTM Standard Practice E1527-13 and the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) and Fannie Mae Multifamily Selling and Servicing Guide for the property located at 200 Pine Creek Court in the City of Greenville, Greenville 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 E1527-13) and in accordance with Fannie Mae Multifamily Selling and Servicing Guide, 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 E1527-13 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 general accordance with the requirements of ASTM Standard E1527-13 and Fannie Mae Multifamily Selling and Servicing Guide. This assessment included: 1) a property and adjacent 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 in order to determine any current and/or former hazardous substances usage, storage and/or releases of hazardous substances on the subject property. Additionally, Partner researched information on the presence of activity and use limitations (AULs) at these agencies. As

defined by ASTM E1527-13, AULs are the 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 or groundwater 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 or groundwater on the property.

As required by the Fannie Mae Multifamily Selling and Servicing Guide, this report includes the identification, discussion of, and/or limited sampling of asbestos-containing materials (ACMs), lead-based paint (LBP), lead in drinking water, mold, and 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 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, lead in drinking water, and mold. These issues may affect environmental risk at the subject property and may warrant discussion and/or assessment; however, are considered non-ASTM scope issues. As required by the Fannie Mae Multifamily Selling and Servicing Guide, these non-ASTM scope issues are discussed in Section 6.3.

1.4 User Reliance

Pillar Multifamily, LLC, and any of their affiliates, members, employees, agents, successors and assigns may rely upon this report in evaluating a request for an extension of credit (the "Mortgage Loan") to be secured by the property. This information may also be used and relied upon by any actual or prospective purchaser, transferee, pledgee, assignee, or servicer of the Mortgage Loan, any actual or prospective investor (including agent or advisor) in any securities evidencing a beneficial interest in or backed by the Mortgage Loan, any rating agency actually or prospectively rating any such securities, any indenture trustee, and any institutional provider(s) from time to time of any liquidity facility or credit support for such financing. In addition, this report or a reference to this report may be included or quoted in any offering circular, private placement memorandum, registration statement, or prospectus and [company name] agrees to cooperate in answering questions by any of the above parties in connection with a securitization or transaction involving the Mortgage Loan and/or such securities. This report has no other purpose and should not be relied upon by any other person or entity.

1.5 Limiting Conditions

The findings and conclusions contain all of the limitations inherent in these methodologies that are referred to in ASTM E1527-13.

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 (as discussed in Section 3.0), this data gap is not expected to alter the findings of this assessment.
- Partner observed approximately 10% of all interior units and all common areas. Based on the size and nature of use of the unobserved units (residential), this limited method of survey is not expected to alter the overall findings of this assessment.

2.0 SITE DESCRIPTION

2.1 Site Location and Legal Description

The subject property at 200 Pine Creek Court in Greenville, South Carolina is located on the east side of Pine Creek Court, south of Bruce Road. According to the Greenville County Assessor, the subject property is legally described as: Highland Square II Apts. Assoc A LT, In the City of Greenville, County of Greenville State of South Carolina, as deed book filed in book 1093, page 990 filed in the office of Greenville County, and ownership is currently vested in Hs Investors LLC.

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 Highland Square Apartments for residential use. The subject buildings are rectangular-shaped structures that are oriented in various directions and are situated randomly throughout the subject property. The subject buildings are of wood-frame construction with reinforced concrete foundations. The building exteriors are finished with painted T1-11 wood paneling and masonry brick veneer. The roofs of the subject buildings are pitched and covered with composition roofing materials. Apartment entry doors are metal doors in painted wood frames. Interior doors are hollow core wood in wood frames. Windows throughout the development are single-paned and aluminum-framed. The interior walls and ceilings are comprised of textured material and painted drywall. Floors are covered with resilient flooring materials and carpet.

Vehicular access to the subject property is provided from Pine Creek Court by means of two driveway located on the western perimeter of the subject property. Pine Creek Court tracks in a north-south direction along the western perimeter of the subject property.

The subject property is designated for multi-family residential development by the City of Greenville and is considered a legal use in its current configuration.

The subject property is designated for residential development by the City of Greenville.

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

2.3 Current Use of Adjacent Properties

The subject property is located within a mixed commercial, industrial and residential area of Greenville County. During the vicinity reconnaissance, Partner observed the following land use on properties in the immediate vicinity of the subject property:

Immediately Surrounding Properties	
North:	Wooded land and residential development
South:	Wooded land and residential development
East:	Pine Creek Court beyond which is wooded land, with a Federal Express Distribution Center further west)

Immediately Surrounding Properties

West: Wooded land and residential development

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

2.4 Physical Setting Sources

2.4.1 Topography

The United States Geological Survey (USGS), Gantt, SC Quadrangle 7.5-Minute series topographic map was reviewed for this ESA. This map was published by the USGS in 1983 and was photo revised in 1991. According to the contour lines on the topographic map, the subject property is located at approximately 286 feet above mean sea level (MSL). The subject property is depicted as undeveloped land with a portion covered with vegetation however Pine Creek Court is a developed road. Additionally, the adjacent property east is depicted as a densely built up area. The adjacent property south is depicted as developed with the structures to be the same as they are at present. Adjacent property west is depicted as undeveloped land and beyond Highway I-85 is shown as a major developed roadway. The contour lines in the area of the subject property indicate the area is sloping gently to the north.

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

2.4.2 Hydrology

According to topographic map interpretation, the direction of groundwater in the vicinity of the subject property is inferred to flow toward the northwest. The nearest surface water in the vicinity of the subject property is the Bushy Creek Tributary located approximately 500 feet north of the Property. No settling ponds, lagoons, surface impoundments, wetlands or natural catchbasins were observed at the subject property during this investigation. 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 Greenville Department of Water serves the subject property vicinity. According to a representative of the Greenville Water Company shallow groundwater beneath the subject property is not utilized for domestic purposes. The sources of public water for the City of Greenville are two large mountain watersheds. These 26,000 acres of pristine watershed are located about 25 miles north and northwest of the City of Greenville in the foothills of the Blue Ridge Mountains.

Based on soil survey, published by the USDA Soil Conservation Service (1972), the rivers, creeks and smaller streams in Greenville County form a well-defined drainage pattern of waterways that flow southeastward. The major streams that drain the county are the North, Middle and South Saluda, Reedy, Enoree, And South and Middle Tyger Rivers.

2.4.3 Geology/Soils

Based on the soil survey, published by the USDA Soil Conservation Service (1972), the subject property is situated within the Piedmont Physiographic Region of South Carolina. Areas in the Piedmont Physiographic Region are gently sloping to moderately steep. The general slope is southeastward, which is the general direction of the main drainage ways. There are eight geologic formations in Greenville

County. These formations consists of alluvium, fine grained rocks, fine grained to medium grained rocks, fine grained to coarse-grained rocks, medium grained rocks and coarse grained rocks. Alluvium consists of material recently deposited on flood plains. The fine-grained rocks are diabase dikes that cut across formations of granite and gneiss. Fine- grained to medium grained rocks are biotite gneiss, biotite schist and megmatitie. The fine- grained to coarse-grained rocks is biotite schist and hornblende gneiss. The coarse- grained rocks are muscovite pegmatite dikes

2.4.4 Flood Zone Information

Partner performed a review of the Flood Insurance Rate Map (FIRM), published by the Federal Emergency Management Agency (FEMA). According to Community Panel Number 45045C0392E, dated August 18, 2014, the subject property appears to be located in Zone X, an area located outside of the 100-year and 500-year flood plains.

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		
Period/Date	**Source**	**Description/Use**
1938-1938	Aerial Photographs, Topographic Maps	Undeveloped/Native land
1943-1960s	Aerial Photographs, City Directories, Interviews, Previous Report, Sanborn Maps	Agricultural / Undeveloped
1964-1978	Aerial Photographs, City Directories, Interviews, Previous Report, Sanborn Maps	Unimproved land
1979-Present	Aerial Photographs, Building Records, City Directories, Interviews, Onsite Observations, Sanborn Maps	Multifamily

The subject property parcel was historically used for agricultural purposes. There is a potential that agricultural related chemicals: pesticides, herbicides, and fertilizers; may have been used and stored onsite. The subject property is either paved over or covered by building structures that minimize direct contact to any potential remaining concentrations in the soil. Additionally, during previous site development activities, near surface soils (where residual agricultural chemical concentrations would have most likely been present, if at all) were generally mixed with fill material or disturbed during grading. Also, it is common that engineered fill material is placed over underlying soils as part of the development activities. Furthermore, it is likely that residual agricultural chemicals (if any) would have likely degraded since the site was last utilized for agricultural purposes. These additional variables serve to further reduce the potential for exposure to residual agricultural chemicals (if any). Based on these reasons, Partner concludes that the possible former use of agricultural chemicals does not represent a recognized environmental condition or a human health risk and no additional investigation is required.

Tenants on the subject property include residential tenant's sine 1979 to present day.

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 Data Resources, Inc. (EDR) on July 18, 2016. The following observations were noted to be visible on the subject property and adjacent properties during the aerial photograph review:

Date: 1943	*Scale: 1"=500'*
Subject Property:	Agricultural land
North:	Undeveloped land
South:	Agricultural and undeveloped land
East:	Undeveloped land
West:	Agricultural land

Date:	***1947, 1951, 1955***	***Scale:***	***1"=500'***

Subject Property:	No significant changes visible
North:	No significant changes visible
South:	No significant changes visible
East:	No significant changes visible
West:	No significant changes visible

Date:	***1951***	***Scale:***	***1"=500'***

Date:	***1965***	***Scale:***	***1"=500'***

Subject Property:	No significant changes visible
North:	Undeveloped land and Residential. No significant changes visible
South:	No significant changes visible
East:	Residential development visible
West:	No significant changes visible

Date:	***1976***	***Scale:***	***1"=500'***

Subject Property:	No significant changes visible
North:	No significant changes visible
South:	Residential structures visible
East:	No significant changes visible
West:	No significant changes visible

Date:	***1978***	***Scale:***	***1"=500'***

Subject Property:	No significant changes visible
North:	No significant changes visible
South:	No significant changes visible
East:	No significant changes visible
West:	No significant changes visible

Date:	***1981***	***Scale:***	***1"=500'***

Subject Property:	Developed with the existing multifamily residential development
North:	No significant changes visible
South:	No significant changes visible
East:	No significant changes visible
West:	No significant changes visible

Date:	*1989*	*Scale:*	*1"=500'*
Subject Property:	No significant changes visible		
North:	No significant changes visible		
South:	No significant changes visible		
East:	No significant changes visible		
West:	No significant changes visible		

Date:	*1994, 2005, 2006, 2009, 2011, 2015*	*Scale:*	*1"=500'*
Subject Property:	Developed consistent with current improvements		
North:	Developed consistent with current improvements		
South:	Developed consistent with current improvements		
East:	Developed consistent with current improvements		
West:	Developed consistent with current improvements		

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

3.2 Fire Insurance Maps

Sanborn map coverage was not available for the subject property.

3.3 City Directories

Partner reviewed historical city directories obtained from EDR on July 18, 2016 for past names and businesses that were listed for the subject property and adjacent properties. The findings are presented in the following table:

City Directory Search for 200 Pine Creek Court (Subject Property)	
Year(s)	**Occupant Listed**
1964-74	No listings
1979-2013	Residential listings

According to the city directory review, the subject property has been occupied by residential tenants since 1979. Prior to 1979, the subject property was not listed.

City Directory Search for Adjacent Properties	
Year(s)	**Occupant Listed**
1964-2013	Residential listings

According to the city directory review, the adjacent properties have been occupied by residential tenants since 1964.

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 EDR on July 26, 2016. The following observations were noted to be depicted on the subject property and adjacent properties during the topographic map review:

Date: 1935

Subject Property:	Undeveloped land
North:	Undeveloped land
South:	Undeveloped land
East:	Undeveloped land
West:	Undeveloped land

Date: 1938

Subject Property:	No significant changes depicted
North:	No significant changes depicted, a creek is seen to the north
South:	No significant changes depicted
East:	No significant changes depicted
West:	No significant changes depicted

Date: 1957

Subject Property:	No significant changes depicted
North:	No significant changes depicted
South:	No significant changes depicted
East:	Residential structures visible
West:	No significant changes depicted

Date: 1976

Subject Property:	No significant changes depicted
North:	No significant changes depicted
South:	Residential structures visible
East:	No significant changes depicted
West:	No significant changes depicted

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

4.0 REGULATORY RECORDS REVIEW

4.1 Regulatory Agencies

4.1.1 State Department

Regulatory Agency Data	
Name of Agency:	South Carolina Department of Health and Environmental Control (SC DHEC)
Agency Address:	http://www.scdhec.gov/environment/
Date of Contact:	July 19, 2016
Method of Communication:	Online
Summary of Communication:	No records regarding hazardous substance use, storage or releases, or the presence of USTs and AULs on the subject property were on file with the SC DHEC.

4.1.2 Health Department

Regulatory Agency Data	
Name of Agency:	See 4.1.1 above

4.1.3 Fire Department

Regulatory Agency Data	
Name of Agency:	Gantt Fire Department (GFD)
Point of Contact:	Chief Jay Mitchell
Agency Phone Number:	(864) 277-0429
Date of Contact:	July 19, 2016
Method of Communication:	In Person
Summary of Communication:	No records regarding hazardous substance use, storage or releases, or the presence of USTs and AULs on the subject property were on file with the GFD.

4.1.4 Building Department

Regulatory Agency Data	
Name of Agency:	Greenville County Building Department (GCBD)
Point of Contact:	Gary Moore
Agency Phone Number:	(864) 461-7090
Date of Contact:	July 29, 2016
Method of Communication:	Telephone
Summary of Communication:	Greenville County Building Department, no open building permits, Greenville County Code enforcement, no current code violations at property, 1979 construction, no record of prior development.

4.1.5 Planning Department

Regulatory Agency Data	
Name of Agency:	Greenville County Zoning Department (GCZD)
Date of Contact:	July 18, 2016
Method of Communication:	Online
Summary of Communication:	According to records reviewed, the subject property is zoned RM-20 for residential development by the County of Greenville.

4.1.6 Assessor's Office

Regulatory Agency Data	
Name of Agency:	Greenville County Assessor (GCA)
Agency Address:	http://www.greenvillecounty.org/appsAS400/RealProperty
Date of Contact:	July 19, 2016
Method of Communication:	Online
Summary of Communication:	According to records reviewed, the subject property is identified by Assessor Parcel Number (APN) WG02030101200 and is currently owned by HS INVESTORS LLC since 2007. The current buildings were constructed in 1979 and total(s) approximately 141,010 square feet on a 13.4-acre lot.

A copy of pertinent documents is included in Appendix B of this report.

4.1.11 Super Priority Lien Statutes

According to netronline.com, the State of South Carolina does not currently maintain an environmental super lien law.

4.2 Mapped Database Records Search

Information from standard federal, state, county, and city environmental record sources was provided by EDR. Data from governmental agency lists are updated and integrated into one database, which is updated as these data are released. The information contained in this report was compiled from publicly available sources and 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.

4.2.1 Regulatory Database Summary

Radius Report Data				
Database	**Search Radius (mile)**	**Subject Property**	**Adjacent Properties**	**Sites of Concern**
Federal NPL or Delisted NPL Site	1.00	N	N	N
Federal CERCLIS Site	0.50	N	N	N
Federal CERCLIS-NFRAP Site	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, CESQG)	0.25	N	N	N
Federal IC/EC Registries	0.50	N	N	N
Federal ERNS Site	Subject Property	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	0.50	N	N	N
State/Tribal Registered Storage Tank Sites (UST/AST)	0.25	N	N	N
State/Tribal Voluntary Cleanup Sites (VCP)	0.50	N	N	N
State/Tribal Spills	0.50	N	N	N
Federal Brownfield Sites	0.50	N	N	N
State Brownfield Sites	0.50	N	N	N
TRIS	Subject Property	N	N	N
FINDS	Subject Property	N	N	N
EDR MGP	Varies	N	N	N
EDR US Hist Auto Station	Varies	N	N	N
EDR US Hist Cleaners	Varies	N	N	N

4.2.2 Subject Property Listings

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

4.2.3 Adjacent Property Listings

The adjacent property to the northwest is identified as an EDR Historical Auto Station site in the regulatory database report, as discussed below:

- The property, identified as 135 Fedex Way is located adjacent to the northwest (hydraulically downgradient) of the subject property. The site is listed as Georges Truck Repair in 2010. No additional information or listings were provided by the EDR report. The listing doesnot appear on

any release or violation tracking sheets. Based on the lack of reported releases, violations, and downgradient direction this listing is not expected to represent a recognized environmental condition.

4.2.4 Sites of Concern Listings

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

4.2.5 Orphan Listings

No orphan 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 E1527-13, Partner requested the following site information from Pillar Multifamily, LLC (User of this report).

User Responsibilities				
Item	**Provided By User**	**Not Provided By User**	**Discussed Below**	**Does Not Apply**
Environmental Pre-Survey 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	**Section 5.1.3**			
Reason for Performing Phase I ESA	**Section 1.1**			
Prior Environmental Reports		**X**		
Other				**X**

5.1 Interviews

5.1.1 Interview with Owner

According to Ms. Leroysha Jones (owner representative), the subject property was developed in 1979 for residential use. Prior to that, the subject property was undeveloped land. Ms. Jones 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 his/her knowledge.

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

Ms. Leroysha Jones, key site manager, indicated that she 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.

5.1.4 Interviews with Past Owners, Operators and Occupants

Interviews with past owners, operators and occupants were not reasonably ascertainable and thus constitute a data gap.

5.1.5 Interview with Others

As the subject property is not an abandoned property as defined in ASTM 1527-13, interview with others were not performed.

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 Update Report, LandAmerica Commercial Services (August 18, 2006)

Land America (LAC) prepared this report on behalf of CharterMac Mortgage Capital. The assessment was performed in general accordance with ASTM Standard E1527-00. The assessment consisted of a site reconnaissance, interviews with knowledgeable personnel, review of historical information, a review of federal, state and local regulatory databases and included a limited asbestos survey, a limited lead paint survey, radon sampling, etc. Pertinent information contained in this report is summarized below:

• At the time of the 2006 assessment, the subject property was occupied by Highland Square II with ten, two-story and three-story apartment buildings.

• No current or former ASTs or USTs were identified on the subject property.

• As part of the 2006 assessment, LAC conducted a limited, visual evaluation of interior, accessible areas of for the presence of suspect asbestos containing materials (ACM) at the subject property. Based on the results of the limited asbestos survey, no ACM has been confirmed at this facility.

• Onsite sampling to determine the level of radon concentrations in the facility was conducted during the period July 26, 2005 to July 29, 2005. A total of two charcoal canisters were placed in the facility. The analytical data indicated that neither of the samples exceeded 4 pCi/L, the EPA action level for radon in residential dwellings.

• LAC conducted limited qualitative lead screening on selected painted surfaces at the subject property. Selected painted surfaces were screened for the presence of lead by applying a colorimetric lead-sensitive chemical (Lead Check) to the painted surface. Based upon the results of the limited lead screening, the presence of lead-based paint in this facility has not been indicated. LAC identified no RECs and recommended no further investigation.

A copy of the report reviewed is 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:	Anthony Bizzarri, Sr.
Site Assessment Conducted On:	July 19, 2016

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

Site Visit Personnel for 200 Pine Creek Court (Subject Property)			
Name	**Title/Role**	**Contact Number**	**Site Walk* Yes/No**
Leroysha Jones	Key Site Manager	(864) 277-4467	Yes

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

During the site reconnaissance, Partner accessed 10% of units as listed below:

Detailed Report of Units Observed				
Unit #	**# of Bedrms**	**# of Bath**	**Square Feet**	**Current Use**
00-001	1	1	601	Occupied Unfurnished
00-004	1	1	601	Occupied Unfurnished
00-026	1	1	601	Occupied Unfurnished
00-032	1	1	601	Occupied Unfurnished
00-033	1	1	601	Occupied Unfurnished
00-043	3	2	912	Occupied Unfurnished
00-049	3	2	912	Occupied Unfurnished
00-054	3	2	912	Occupied Unfurnished
00-055	3	2	912	Occupied Unfurnished
00-059	2	1.5	718	Occupied Unfurnished
00-061	2	1.5	718	Occupied Unfurnished
00-062	2	1.5	718	Occupied Unfurnished
00-065	2	1.5	718	Occupied Unfurnished
00-086	2	1.5	718	Vacant Unfurnished
00-094	2	1.5	718	Occupied Unfurnished
00-109	3	2	912	Occupied Unfurnished
00-112	3	2	912	Occupied Unfurnished

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 in open lots throughout the property. An independent solid waste disposal contractor, Waste Connections of the Carolinas, disposes of solid waste. According to property personnel, only non-hazardous household type trash is collected in the on-site solid waste dumpsters. 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.

6.1.3 Surface Water Drainage

Storm water is removed from the subject property primarily by sheet flow action across the paved surfaces towards storm water drains located throughout the subject property and in the public right of way. Site storm water from roofs, landscaped areas, and paved areas is directed to on-site concrete swales, which drain to the public right of way, and to on-site storm water drains. The subject property is connected to a municipal owned and maintained sewer system.

The subject property does not appear to be a designated wetland area, based on information obtained from the National Wetlands Inventory mapper; however, a comprehensive wetlands survey would be required in order to formally determine actual wetlands on the subject property. No surface impoundments, wetlands, natural catch basins, settling ponds, or lagoons are located on the subject property. 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 a split system with interior air-handler and an exterior condenser-mounted unit. Hot water is provided by individual electric hot 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. No industrial process is 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 and swimming pool 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. Based on the nature of use, overall small quantities observed, presence of secondary containment, and lack of violations on-file with the local fire department, these materials are not expected to represent a significant environmental concern.

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

One approximately 250-gallon propane AST was observed on the subject property. Based on the gaseous nature of propane, it's not expected to represent a significant environmental issue. No other evidence of additional 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 January 1, 1977.

The on-site reconnaissance addressed indoor and outdoor transformers that may contain PCBs. Several pad-mounted transformers were observed on the subject property. The transformers are labeled indicating non-PCB content. No staining or leakage was observed in the vicinity of the transformers. Based on the good condition of the equipment, the transformers are not expected to represent a significant environmental concern.

Additionally, 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

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 constructed prior to 1981 and have not been appropriately tested are "presumed asbestos-containing material" (PACM).

The subject property buildings were constructed in 1979. Partner has conducted a limited, visual evaluation of accessible areas for the presence of suspect ACMs 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 ACMs:

Suspect ACMs

Suspect ACM	Location	Friable Yes/No	Physical Condition
Drywall Systems	Throughout Building Interior	No	Good
Floor Tiles	Throughout Building Interior	No	Good
Floor Tile Mastic	Throughout Building Interior	No	Good
Spray-Applied Acoustical Material	Throughout Building Interior	No (painted and encapsulated)	Good

No damaged or friable materials were noted; as such, sampling was not conducted.

The limited visual survey consisted of noting observable materials (materials which were readily accessible and visible during the course of the site reconnaissance) that are commonly known to potentially contain asbestos. This activity was not designed to discover all sources of suspect ACM, PACM, or asbestos at the site; or to comply with any regulations and/or laws relative to planned disturbance of building materials such

as renovation or demolition, or any other regulatory purpose. Rather, it is intended to give the User an indication if significant (significant due to quantity, accessibility, or condition) potential sources of ACM or PACM are present at the subject property. Additional sampling, assessment, and evaluation will be warranted for any other use.

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

According to the US EPA, ACM and PACM 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. Prior to any disturbance of the construction materials within this facility, a comprehensive ACM survey is recommended.

6.3.2 Lead-Based Paint (LBP)

Lead is a highly toxic metal that affects virtually every system of the body. LBP is defined as any paint, varnish, stain, or other applied coating that has 1 mg/cm^2 (or 5,000 ug/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.

It is unlikely that LBP is present in buildings constructed after 1977. Therefore, due to the age of the subject property building, it is unlikely that LBP is present. Partner reviewed LBP Notification documents for the subject property. The Property Manager indicated that procedures have been established at the subject property to ensure the tenants are provided with the required LBP Notices. Notification activities appeared to be accordance with applicable regulations.

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:

Review of the US EPA Map of Radon Zones places the subject property in Zone 1. At the request of the client, Partner conducted limited sampling at the subject property in order to ascertain general levels of radon concentrations at the subject property. Sampling activities were commenced by Anthony Bizzarri, Sr. on July 19, 2016 and completed by on-site personnel on July 22, 2016. A total of eight charcoal canisters were placed throughout the subject property buildings and subsequently retrieved and forwarded to AccuStar Laboratories for radon analysis. Please refer to the table below:

Radon Results			
Sample No.	**Location**	**Radon Concentration (pCi/L)**	**Remarks**
3037390	A1 Living Room	1.8	Below EPA Action Level
3037391	A4 Living Room	<0.4	Below EPA Action Level
3037392	B26 Bedroom	1.0	Below EPA Action Level
3037393	B33 Living Room	1.5	Below EPA Action Level
3037394	C43 Bedroom	1.6	Below EPA Action Level
3037395	D49 Living Room	1.6	Below EPA Action Level
3037396	E54 Living Room	2.6	Below EPA Action Level

Radon was not detected in any of the samples analyzed. Copies Two samples were disposed of by the tenants, and results could not be obtained. However, based on the overall low radon concentration, no further testing is recommended. of the analytical data are included in Appendix B of this report.

6.3.4 Lead in Drinking Water

According to available information, a public water system operated by the Greenville Department of Water serves the subject property vicinity. According to a representative of the Greenville Water Company shallow groundwater beneath the subject property is not utilized for domestic purposes. The sources of public water for the City of Greenville are two large mountain watersheds. These 26,000 acres of pristine watershed are located about 25 miles north and northwest of the City of Greenville in the foothills of the Blue Ridge Mountains.

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 ESA 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.

6.4 Adjacent Property Reconnaissance

The adjacent property reconnaissance consisted of observing the adjacent properties from the subject property premises. No items of environmental concern were identified on the adjacent properties during

the site assessment, including hazardous substances, petroleum products, ASTs, USTs, evidence of releases, PCBs, strong or noxious odors, pools of liquids, sumps or clarifiers, pits or lagoons, stressed vegetation, or any other potential environmental hazards.

7.0 FINDINGS AND CONCLUSIONS

Findings

A *REC* refers to the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: due to release to the environment; under conditions indicative of a release to the environment; or under conditions that pose a material threat of a future release to the environment.

- Partner did not identify any recognized environmental conditions during the course of this assessment.

A *CREC* refers to a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls. The following was identified during the course of this assessment:

- Partner did not identify any controlled recognized environmental conditions during the course of this assessment.

A *HREC* refers to a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls. The following was identified during the course of this assessment:

- Partner did not identify any historical recognized environmental conditions during the course of this assessment.

An *environmental issue* refers to environmental concerns identified by Partner, which do not qualify as RECs; however, warrant further discussion. The following was identified during the course of this assessment:

- The potential exists that asbestos-containing materials (ACMs) are present on-site. Overall, all suspect ACMs were observed in good condition and do not pose a health and safety concern to the occupants of the subject property at this time.

- Radon is a colorless, odorless, naturally occurring, radioactive, inert, gaseous element formed by radioactive decay of radium atoms. Review of the EPA Map of Radon Zones places the subject property in Zone 1, where average predicted radon levels exceed the EPA's action level of 4.0 picoCuries per Liter (pCi/L). At the request of the client, Partner conducted limited sampling consisting of eight canisters for 72 hours. According to the laboratory results, radon was not detected above the EPA Action Level of 4.0 pCi/L.

Conclusions, Opinions and Recommendations

Partner has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 and the Fannie Mae Multifamily Selling and Servicing Guide of 200 Pine Creek Court in the City of Greenville, Greenville County, South Carolina (the "subject property"). Any

This assessment has revealed no evidence of recognized environmental conditions in connection with the subject property; however environmental issues were identified as discussed above. Based on the conclusions of this assessment, Partner recommends the following:

- An Operations and Maintenance (O&M) (if pre-1981 or current or prior sampling is positive for ACM) Program should be implemented in order to safely manage the suspect ACMs located at the subject property.
- A comprehensive survey for ACMs should be conducted prior to any planned renovation or demolition activities. A licensed asbestos abatement contractor and/or a Certified Asbestos Consultant should perform removal of identified ACMs in accordance with applicable regulations, including the preparation of specifications.

8.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

Partner has performed a Phase I Environmental Site Assessment of the property located at 200 Pine Creek Court in the City of Greenville, Greenville County, South Carolina in general 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:

Anthony Bizzarri, Sr.
Environmental Professional

Reviewed By:

Julie A. Cichetti
Senior Author

Summer D. Gell
Principal

9.0 REFERENCES

Reference Documents

American Society for Testing and Materials, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Designation: E1527-13.

Environmental Data Resources (EDR), Radius Report, July 2016

Federal Emergency Management Agency, Federal Insurance Administration, National Flood Insurance Program, Flood Insurance Map, accessed via Internet, July 2016

United States Department of Agriculture, Natural Resources Conservation Service, accessed via Internet, July 2016

United States Department of Agriculture, Natural Resources Conservation Service, Web Soil Survey, accessed via Internet, July 2016

United States Environmental Protection Agency, EPA Map of Radon Zones (Document EPA-402-R-93-071), accessed via Internet, July 2016

United States Geological Survey, accessed via Internet, July 2016

United States Geological Survey Topographic Map 1995, 7.5-minute series, accessed via Internet, July 2016

FIGURES

1 SITE LOCATION MAP

2 SITE PLAN

3 TOPOGRAPHIC MAP

PARTNER

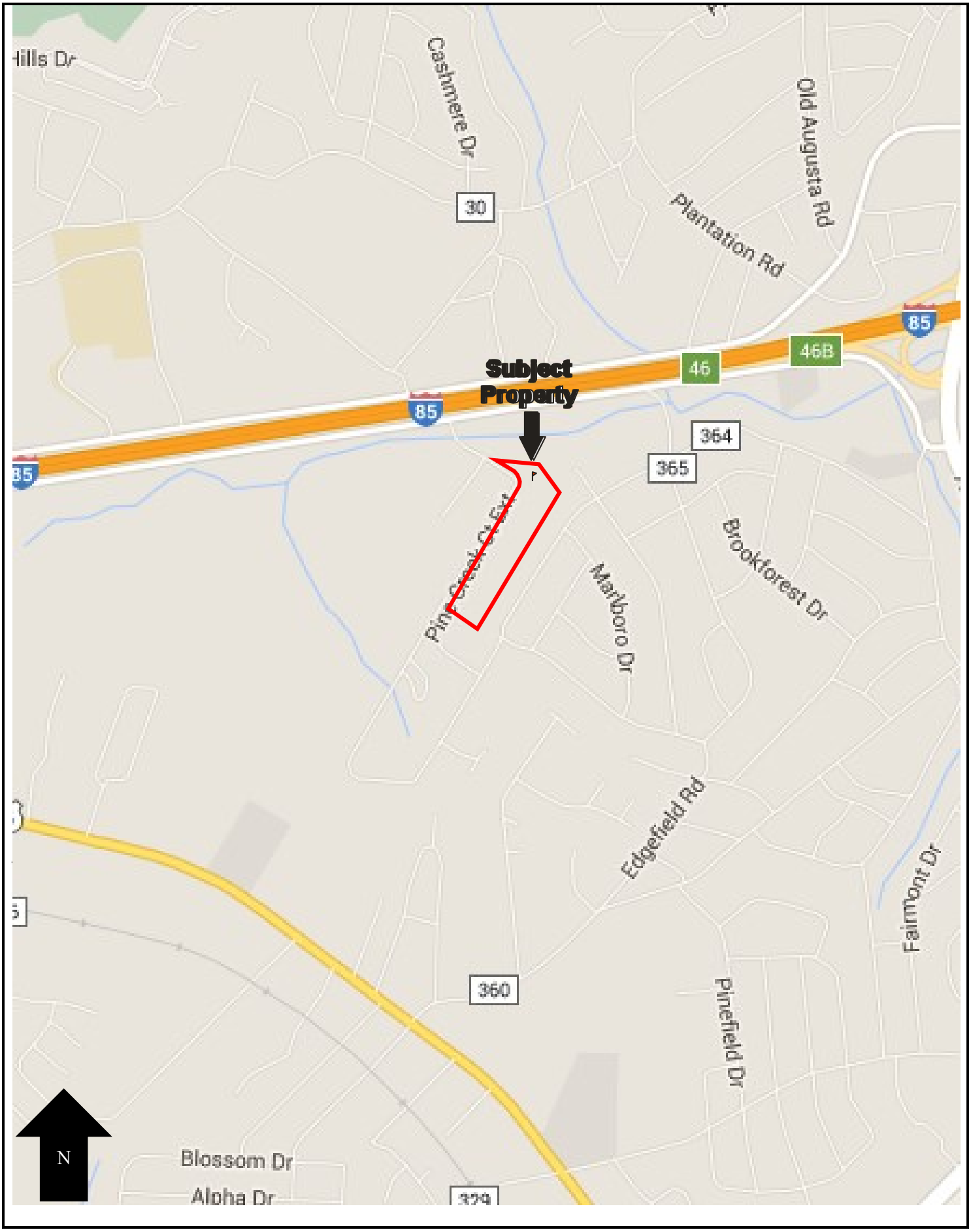


FIGURE 1: SITE LOCATION MAP
Project No. 16-166770.1

Drawing Not To Scale

PARTNER

N

GROUNDWATER FLOW

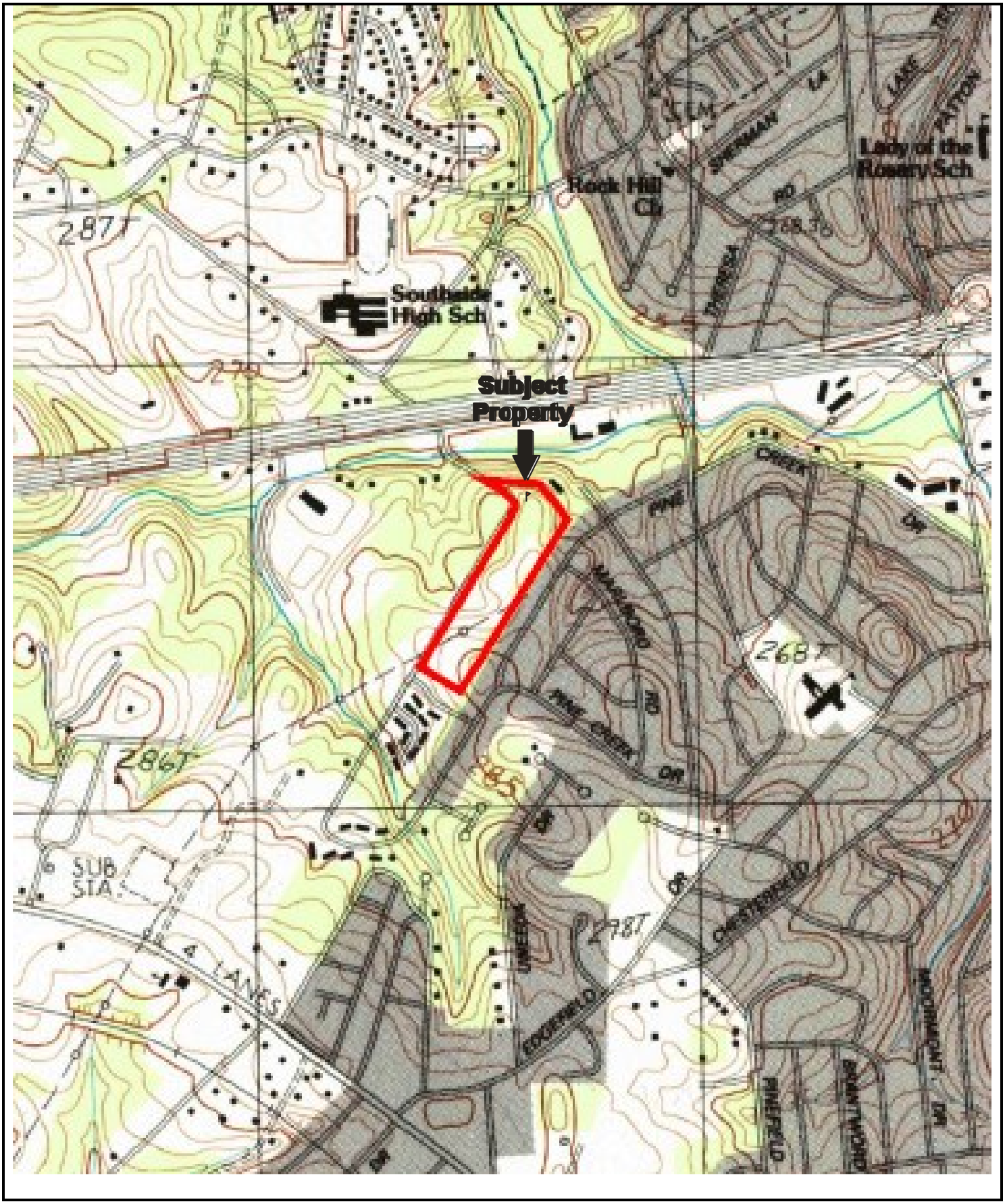
KEY:

Subject Site

FIGURE 2: SITE PLAN

Project No. 16-166770.1

PARTNER



USGS 7.5 Minute *Greenville, SC; Mauldin, SC* Quadrangles

Map Dated: 1983

FIGURE 3: TOPOGRAPHIC MAP
Project No. 16-166770.1

PARTNER

APPENDIX A: SITE PHOTOGRAPHS

1. Property sign

2. Main ingress and egress from Pine Creek Court Extension

3. Leasing office/clubhouse building front (north) elevation

4. Leasing office/clubhouse building side (west) elevation

5. Leasing office/clubhouse building rear (south) elevation

6. Leasing office/clubhouse building side (east) elevation

7. Apartment building F front elevation

8. Apartment building F side elevation

9. Apartment building J front elevation

10. Apartment building J side elevation

11. Apartment building J rear elevation

12. View along western property boundary looking south

13. Asphalt paved parking area and drive aisle

14. Asphalt paved parking area and drive aisle

15. ADA parking space at apartment building

16. Storm water drop inlet in asphalt pavement

17. Storm water drainage canal in landscaping

18. Concrete stairs in landscaping

19. Concrete sidewalk

20. Stairs in breezeway

21. Dumpsters

22. Pad-mounted transformer

23. Pole-mounted transformer

24. Tennis court

25. Tennis court

26. Playground

27. Swimming pool

28. Pool equipment

29. Water heater at tenant unit

30. Water heater at leasing office/clubhouse building

31. Pad-mounted condensing unit

32. HVAC air handling unit

33. Pole-mounted security cameras

34. Above ground propane storage tank

35. Maintenance shed interior

36. Flammables cabinet at maintenance shed

37. Office

38. Office/clubhouse building interior

39. Bathroom at office

40. Tenant unit kitchen

41. Tenant unit living room

42. Tenant unit bathroom

43. Tenant unit bedroom

44. Adjacent residential properties to the east

45. Adjacent residential properties to the south

46. Adjacent wooded land to the west

APPENDIX B: HISTORICAL/REGULATORY DOCUMENTATION

PARTNER

AccuStar
Professional Radon Laboratory Services Since 1984

Radon in Air

NRPP 10511AL
NRSB ARL0007

EPA Method #402-R-92-004
Charcoal Canister
NRPP Device Code 6048
NRSB Device Code 10317

Laboratory Report for:

Partner Engineering & Science Inc.
2154 Torrance Blvd Suite 200
Torrance CA 90501

Property Tested: Project # 16-166770.1

Highland Square Apartments
200 Pine Creek Court
Greenville SC 29605

Log Number	Device Number	Test Exposure Duration:		Area Tested	Result (pCi/L)
3038250	3037390	07/19/2016 3:27 pm	07/22/2016 9:13 am	A1 Living Room	1.8
3038251	3037391	07/19/2016 3:32 pm	07/22/2016 9:15 am	A4 Living Room	<0.4
3038252	3037392	07/19/2016 3:35 pm	07/22/2016 11:15 am	B26 Bedroom	1.0
3038253	3037393	07/19/2016 3:40 pm	07/22/2016 11:20 am	B33 Living Room	1.5
3038254	3037394	07/19/2016 3:53 pm	07/22/2016 11:30 am	C43 Bedroom	1.6
3038255	3037395	07/19/2016 3:59 pm	07/22/2016 11:34 am	D49 Living Room	1.6
3038256	3037397	07/19/2016 4:36 pm	07/22/2016 11:56 am	E54 Living Room	2.6

Comment: device 3037396 was not received with this datasheet. A copy of this report was emailed to jgutierrez@partneresi.com; bmiyamura@partneresi.com; hmartin@partneresi.com; abbizzari@earthlink.net.

Distributed by: Partner Engineering & Science Inc.

Date Received: 07/26/2016 Date Logged: 07/26/2016 Date Analyzed: 07/26/2016 Date Reported: 07/26/2016

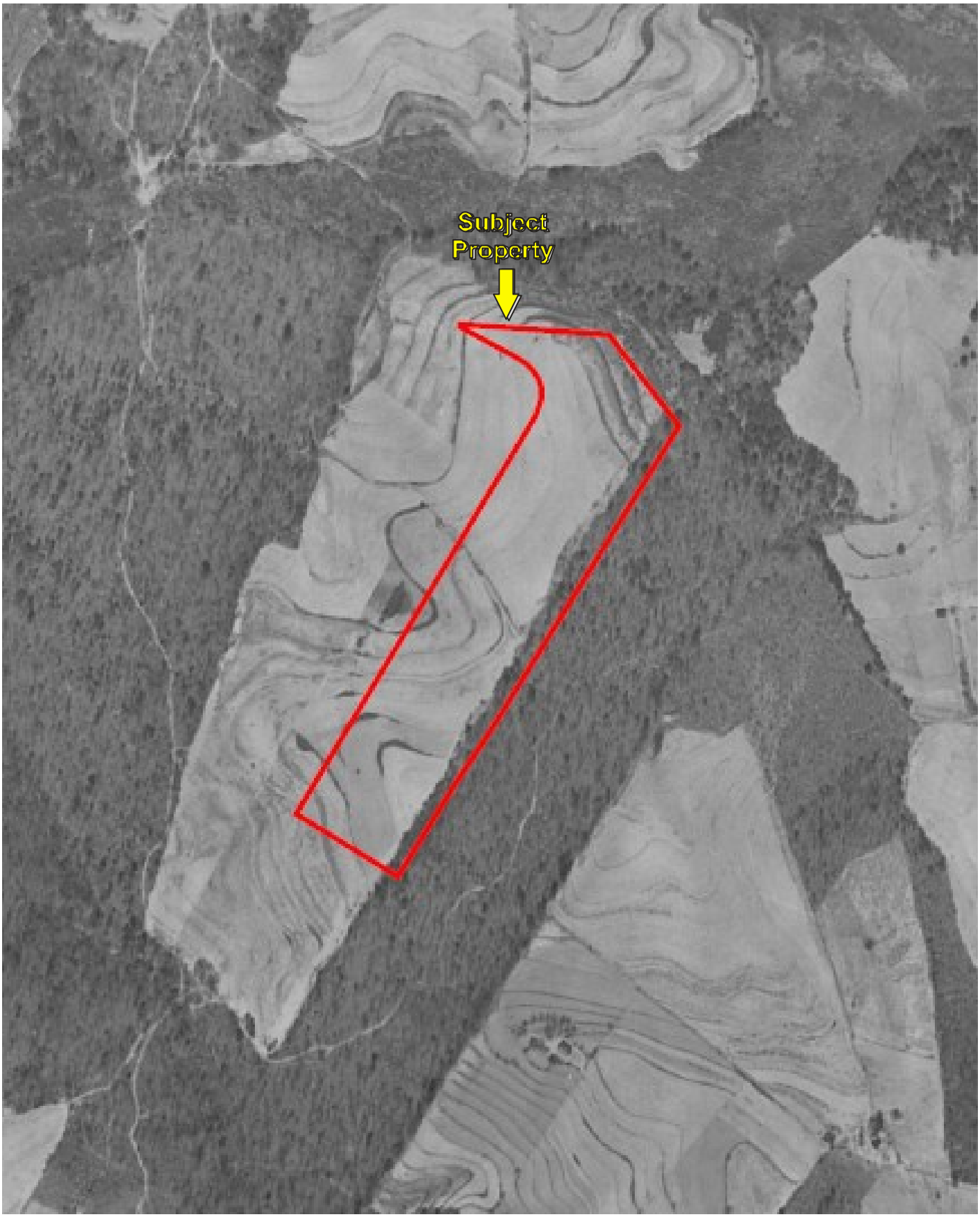
Report Reviewed By: Grace E Heberling Report Approved By: Carolyn D. Koke

Carolyn D. Koke, President, AccuStar Labs

Disclaimer:

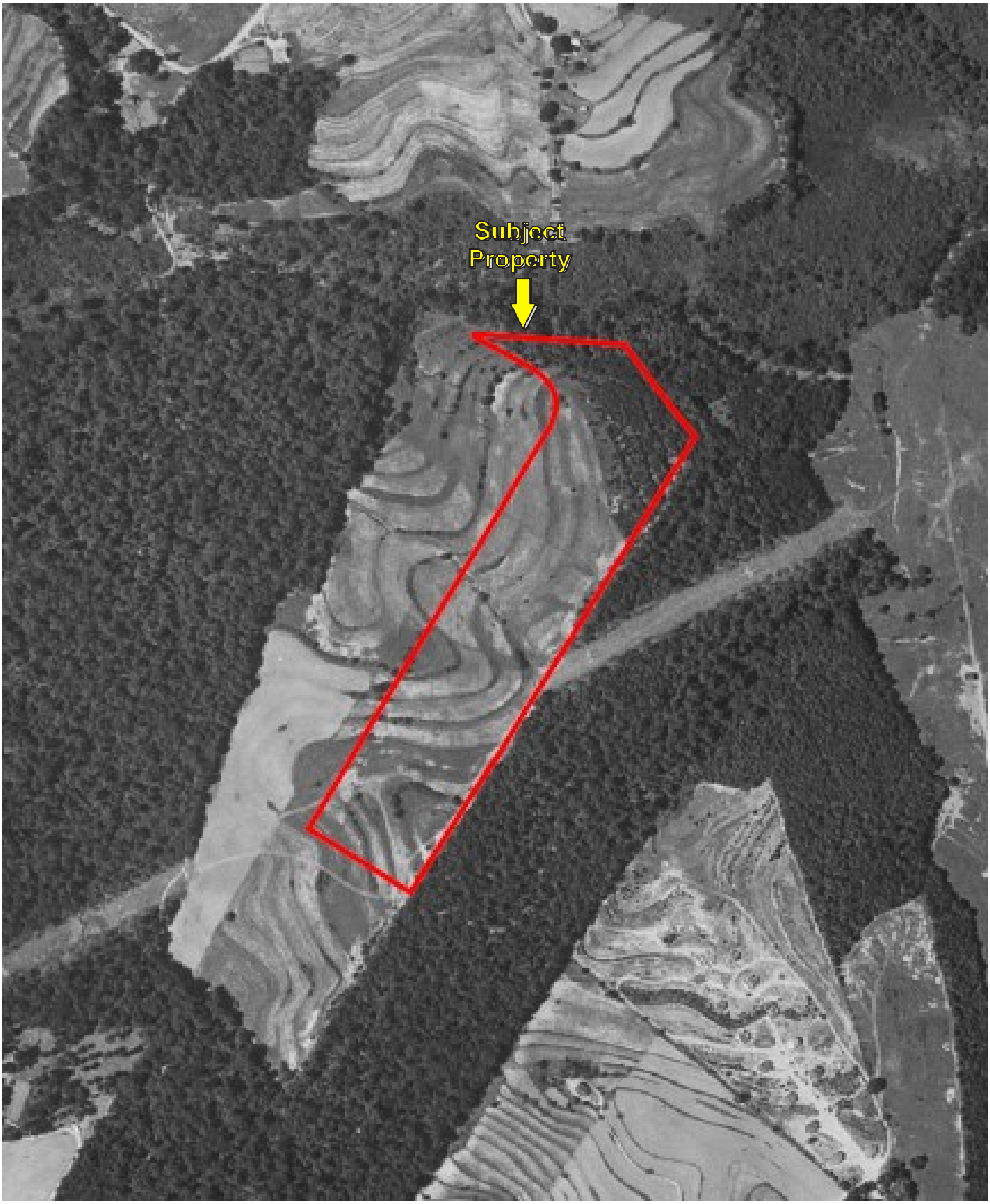
The uncertainty of this radon measurement is ~+/- 10 %. Factors contributing to uncertainty include statistical variations, daily and seasonal variations in radon concentrations, sample collection techniques and operation of the dwelling. Interference with test conditions may influence the test results.

This report may only be transferred to a third party in its entirety. Analytical results relate to the samples AS RECEIVED BY THE LABORATORY. Results shown on this report represent levels of radon gas measured between the dates shown in the room or area of the site identified above as "Property Tested". Incorrect information will affect results. The results may not be construed as either predictive or supportive of measurements conducted in any area of this structure at any other time. AccuStar Labs, its employees and agents are not responsible for the consequences of any action taken or not taken based upon the results reported or any verbal or written interpretation of the results.

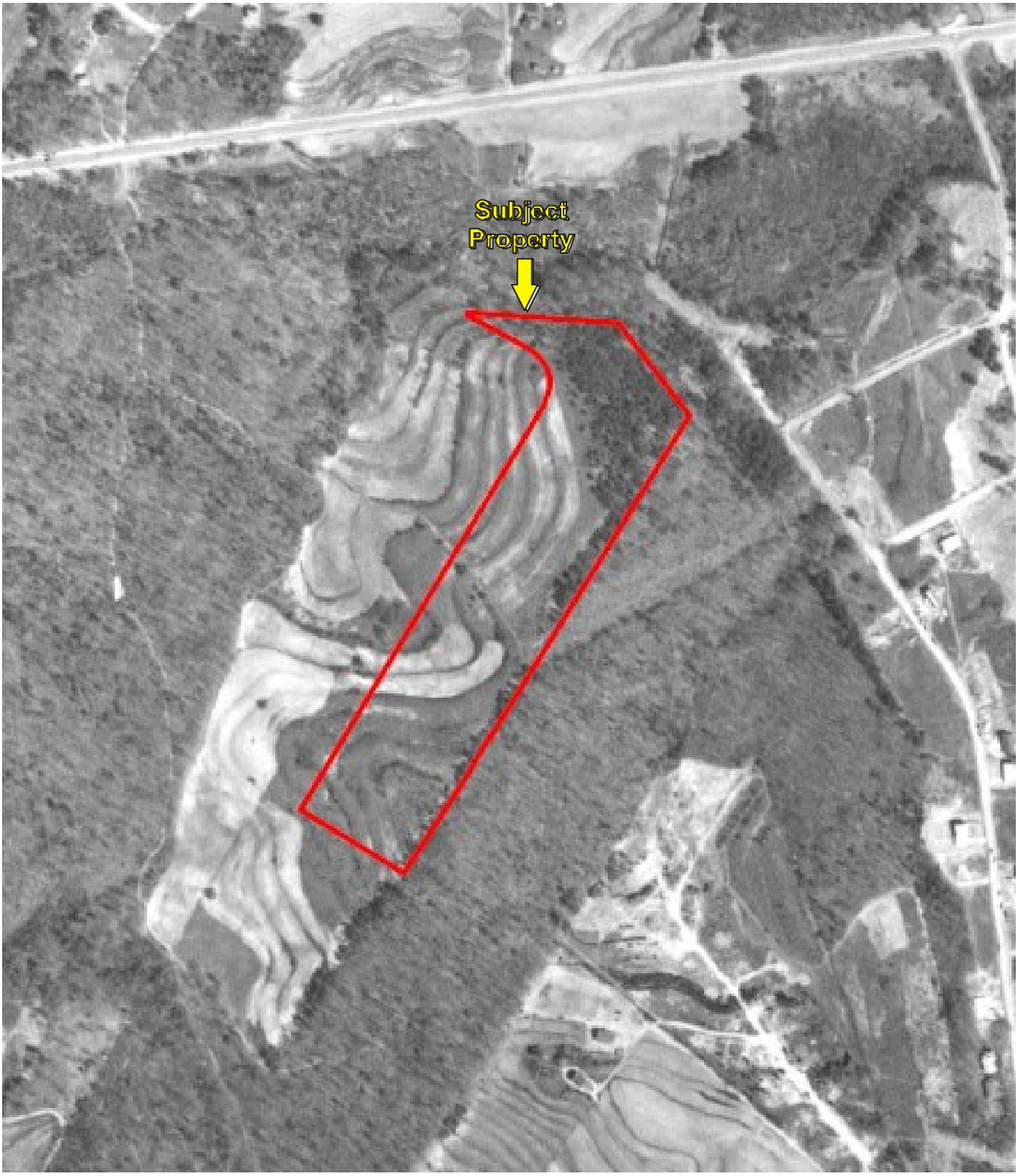


Date of Photograph: 1943

Date of Photograph: 1947



Date of Photograph: 1951



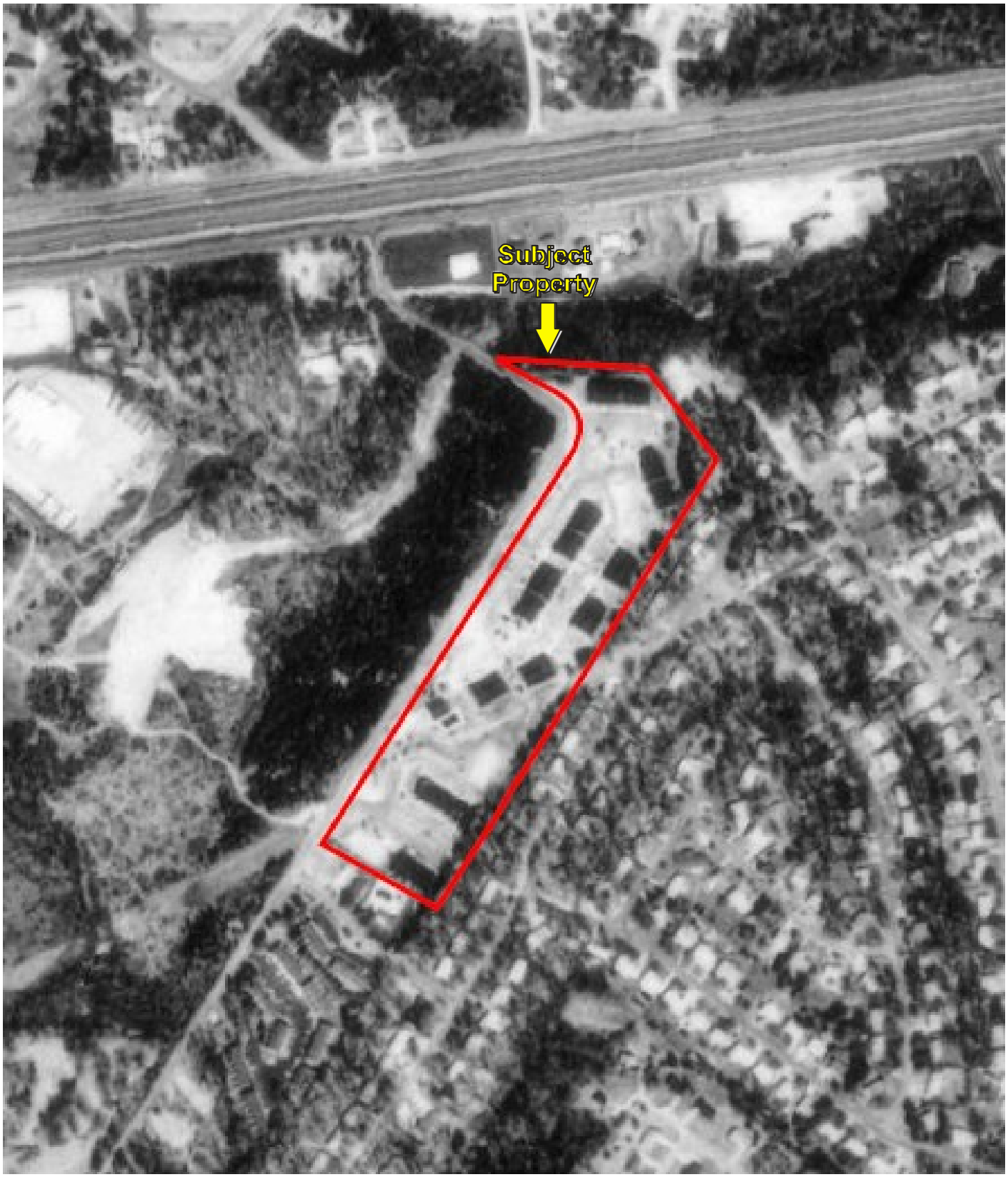
Date of Photograph: 1955

Date of Photograph: 1965

Date of Photograph: 1976

Date of Photograph: 1978

Date of Photograph: 1981



Date of Photograph: 1989

Date of Photograph: 1994

Date of Photograph: 2005

Date of Photograph: 2006

Date of Photograph: 2009

Date of Photograph: 2011

Date of Photograph: 2015

Highland Square Apartments

200 Pine Creek Court

Greenville, SC 29605

Inquiry Number: 4675585.3

July 15, 2016

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

07/15/16

Site Name:	Client Name:
Highland Square Apartments	Partner Engineering and Science, Inc.
200 Pine Creek Court	2154 Torrance Blvd, Suite 200
Greenville, SC 29605	Torrance, CA 90501-0000
EDR Inquiry # 4675585.3	Contact: Juan Gutierrez

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Certification # 31B4-45D2-9104

PO # Highland Square Apartments

Project 16-166770.1

UNMAPPED PROPERTY

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Sanborn® Library search results

Certification #: 31B4-45D2-9104

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- ✔ Library of Congress
- ✔ University Publications of America
- ✔ EDR Private Collection

The Sanborn Library LLC Since 1866™

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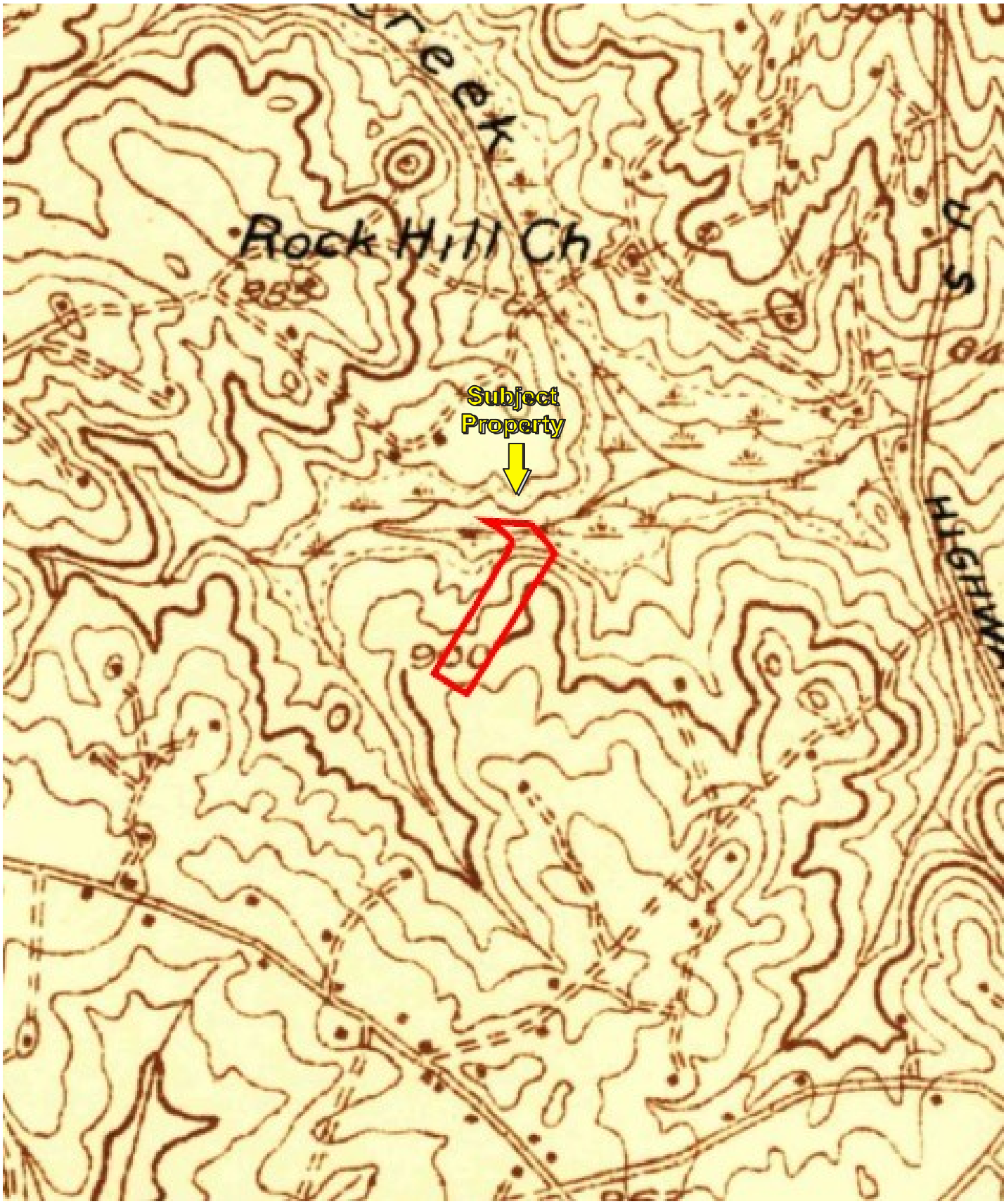
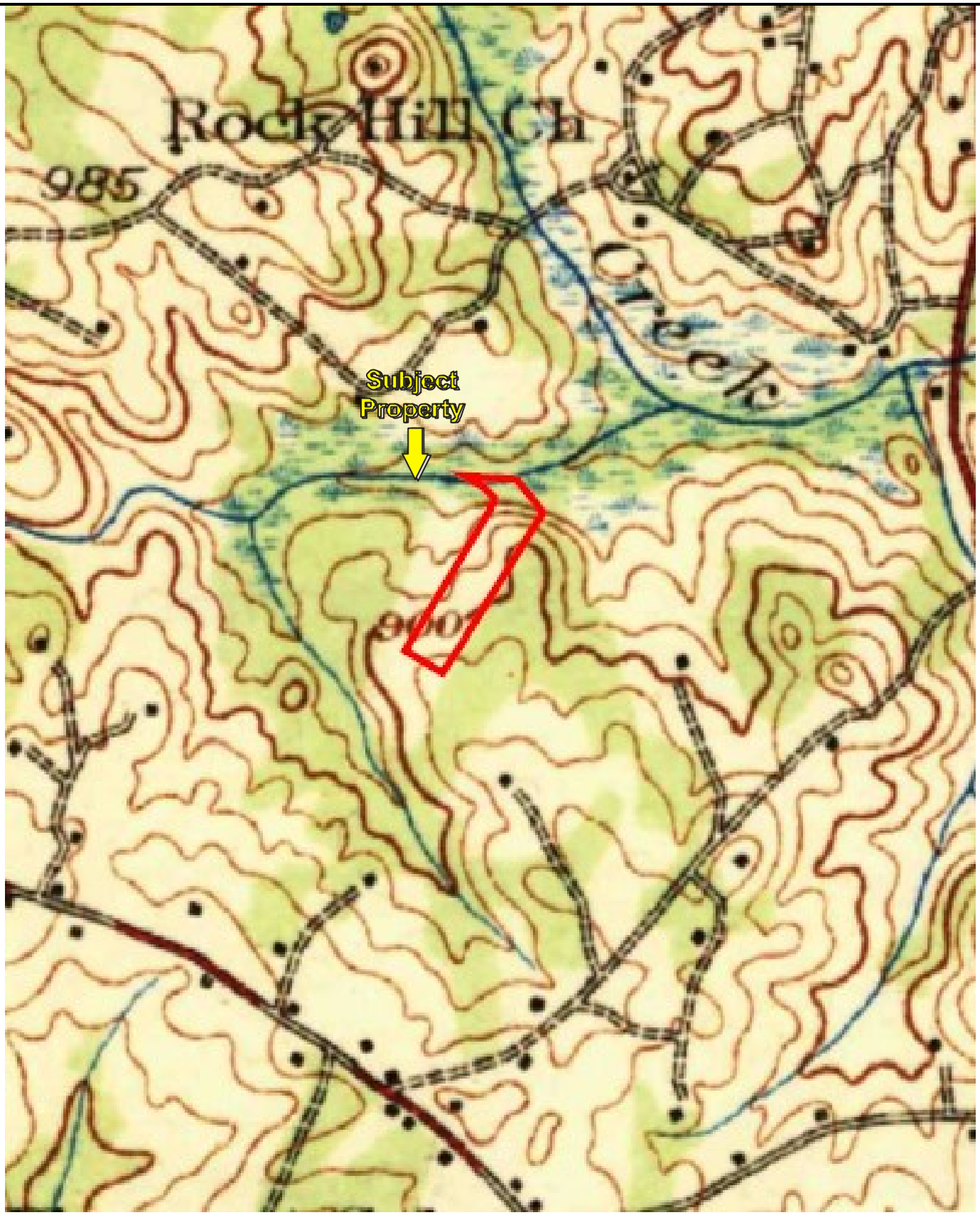
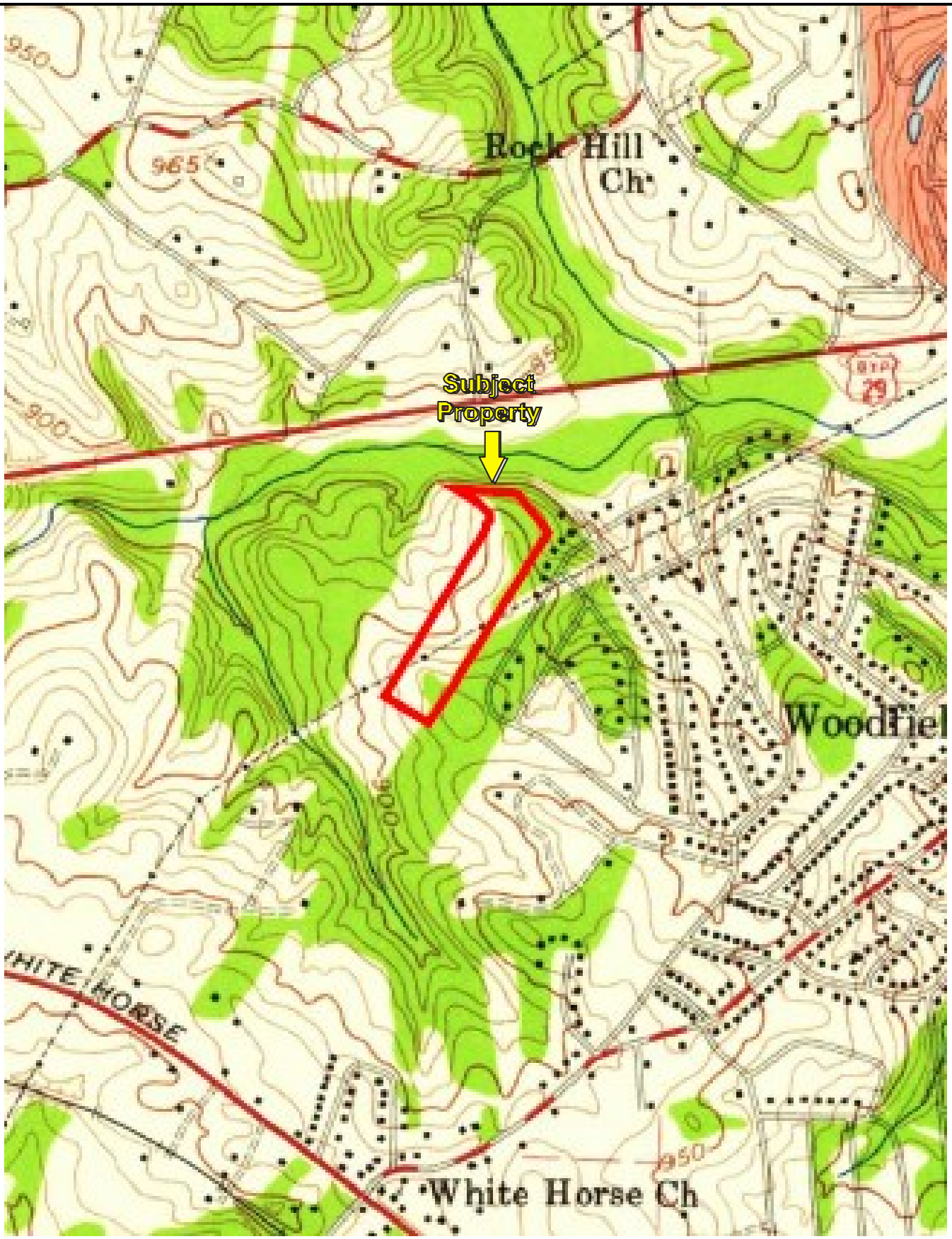


USGS 15 Minute *Greenville, SC* Quadrangle Map Dated: 1935

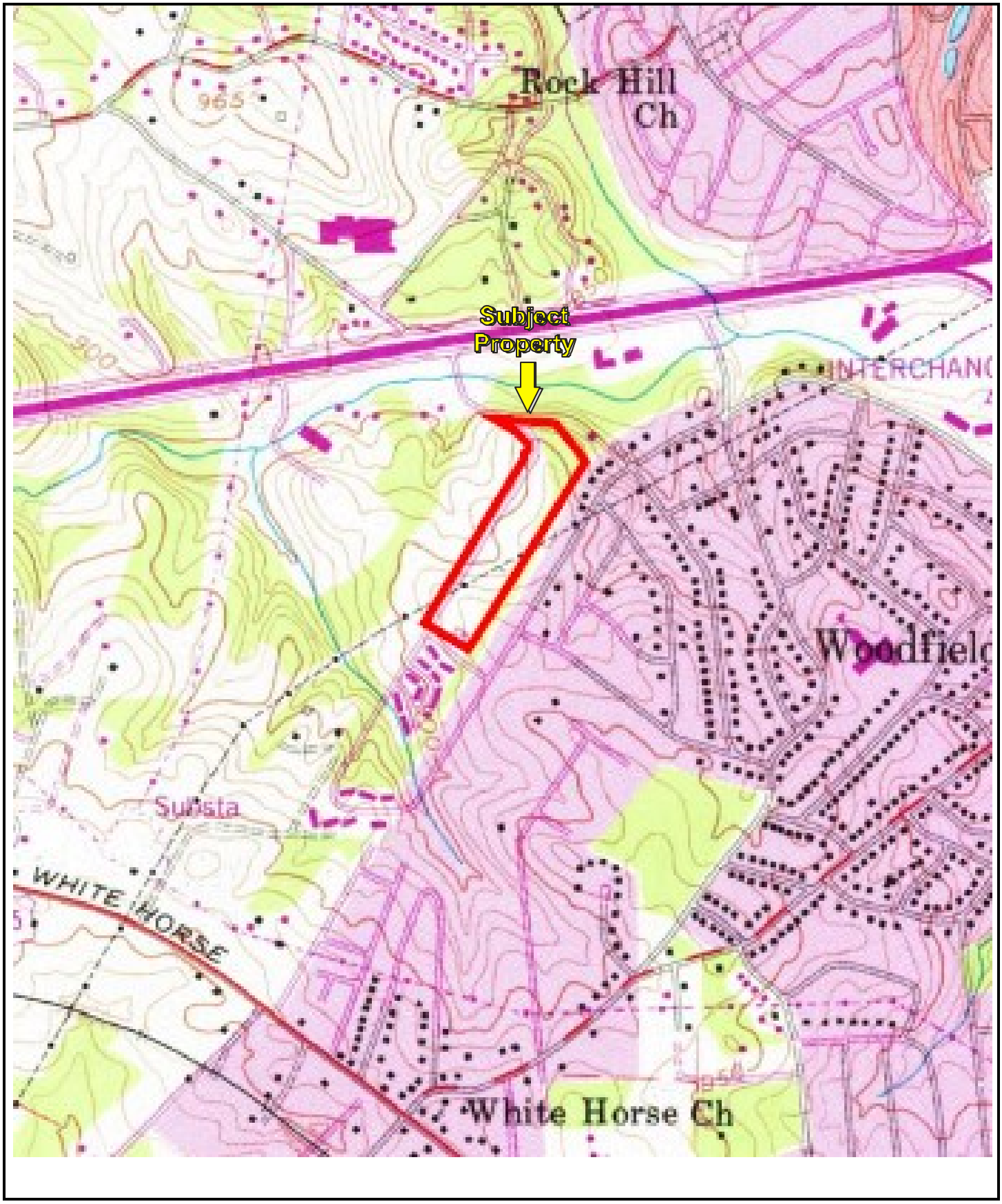


USGS 15 Minute *Greenville, SC* Quadrangle Map Dated: 1938



USGS 7.5 Minute *Greenville, SC* Quadrangle

Map Dated: 1957



USGS 7.5 Minute *Greenville, SC* Quadrangle Map Dated: 1976

Highland Square Apartments
200 Pine Creek Court
Greenville, SC 29605

Inquiry Number: 4675585.6
July 26, 2016

The EDR-City Directory Image Report

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	*Target Street*	*Cross Street*	*Source*
2013	☑	☐	Cole Information Services
2008	☑	☐	Cole Information Services
2003	☑	☐	Cole Information Services
1999	☑	☐	Cole Information Services
1995	☑	☐	Cole Information Services
1992	☑	☐	Cole Information Services
1988	☑	☐	Polk's City Directory
1984	☑	☐	Polk's City Directory
1979	☑	☐	Hill's City Directory
1974	☑	☐	Hill's City Directory
1969	☑	☐	Hill's City Directory
1964	☑	☐	Hill's City Directory

RECORD SOURCES

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FINDINGS

TARGET PROPERTY STREET

200 Pine Creek Court
Greenville, SC 29605

Year	CD Image	Source	
PINE CREEK COURT EXT			
2013	pg A2	Cole Information Services	
2008	pg A5	Cole Information Services	
2003	pg A9	Cole Information Services	
1999	pg A12	Cole Information Services	
1988	pg A20	Polk's City Directory	
1988	pg A21	Polk's City Directory	
1984	pg A23	Polk's City Directory	
1984	pg A24	Polk's City Directory	
1979	pg A27	Hill's City Directory	
1979	pg A28	Hill's City Directory	
1974	-	Hill's City Directory	Street not listed in Source
1969	-	Hill's City Directory	Street not listed in Source
1964	-	Hill's City Directory	Street not listed in Source
PINE CREEK COURT EXTENSION			
1995	pg A15	Cole Information Services	
1992	pg A16	Cole Information Services	
PINE CREEK CT			
2013	pg A4	Cole Information Services	
2008	pg A8	Cole Information Services	
2003	pg A11	Cole Information Services	
1999	pg A14	Cole Information Services	
1995	-	Cole Information Services	Target and Adjoining not listed in Source
1992	pg A19	Cole Information Services	
1988	pg A22	Polk's City Directory	
1984	pg A25	Polk's City Directory	
1984	pg A26	Polk's City Directory	

FINDINGS

Year	***CD Image***	***Source***
1979	pg A29	Hill's City Directory
1979	pg A30	Hill's City Directory
1974	pg A31	Hill's City Directory
1974	pg A32	Hill's City Directory
1969	pg A33	Hill's City Directory
1964	pg A34	Hill's City Directory
1964	pg A35	Hill's City Directory

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

Target Street	Cross Street	Source
✓	-	Cole Information Services

PINE CREEK COURT EXT 2013

146	CARNEEKA WALTON
148	EUNCIE WATT
150	OCCUPANT UNKNOWN
152	TANEKA MCKELVEY
154	LISA GREENE
156	TIMATHIUS LEWERS
158	OCCUPANT UNKNOWN
160	ROCHELLE SMITH
162	RHONDA GREENE
164	PATRICE MCMAHAN
166	THOM BONAPARTE
168	JAMES WADELINGTON
170	SYLVIA ROBINSON
172	OCCUPANT UNKNOWN
174	EDWIN YOUNG
180	EVELYN FULLER
182	RUSELL EDENS
200	AMBER SPURGEON
	ANDREW MANIGAULT
	ANNETTE POWER
	ANTONIO SULLIVAN
	APRIL GAMBREAL
	APRIL PARKS
	ARTHUR ANDERSON
	BENITA WARD
	BERNARD MASON
	BOBBY LEAKE
	BRANDI OGLESBY
	BRIAN BURNS
	C DOGAN
	CARLIS SANDERS
	CHAUNSEL IRBY
	CHKSKESI LONE
	DELISA REED
	DIANE SANDERS
	EARL GOSS
	EVELYN WAKEFIELD
	FELICIA PRICE
	FRANCINE THOMAS
	GENEVA HUMPHREYS
	GERIKA CLAY
	HERMAN ALEXANDER
	HIGHLAND SQUARE APTS II
	JAMES BOYCE
	JAMIE MACK
	JANIE SPANN
	JASMINE CHAPPLE
	JOHN ERBY
	JOSEPH HAWKINS
	JW MILLER

Target Street	Cross Street	Source
✓	-	Cole Information Services

PINE CREEK COURT EXT 2013 (Cont'd)

200	KAREEM BRICE
	KEISSHA HAYES
	KEYSHUN WALKER
	KIMBERLY WHITE
	LACEY FLEMING
	LADELL WHITEHEAD
	LAQUAYSIA SLIGH
	LORENE BLAKELY
	MARCUS STAPLES
	MONICA MORRIS
	NANNIE PITTS
	NATASHA MCALLISTER
	NEQUALA DURHAM
	NICOLE LONDON
	NORWOOD ROBINSON
	PATRICIA OWENS
	PAULA YOUNG
	POLLY JOHNSON
	RANDALL MCDOWELL
	RAY DUPREE
	RENADA RISER
	RENADA SHEPPARD
	RENEE SMITH
	RICHARD BROWN
	RICKY CLEVELAND
	SAMANTHA CATLETT
	SANDRA BERARDINELLI
	SANDRA MASSEY
	SAUNDRA WILLIAMS
	SCOTT STRONG
	SHANEKEA KEATON
	SHARONDA GAMBRELL
	SHERRY COBB
	SONDRA ARNETT
	SONNI STARKS
	SUMMER DAWKINS
	TAMEKA GLOVER
	TAMEKA OWENS
	TANESHA JONES
	TANGA RICHARDSON
	TERESA ARLEDGE
	THERESA MARTIN
	TOPEKA ALLEN
299	TIKEIDRA RICE

Target Street	Cross Street	Source
✓	-	Cole Information Services

PINE CREEK CT 2013

30	ELIZABETH CONNER
31	JEAN LITTLE
33	HOWARD BOWENS
34	TED MAYES
50	TAMYA HUNTER
61	ATREVIA BONAPARTE
69	MARIELLE WARD
71	NOVELLA ANDERSON
83	PATRICIA MARSHALL
95	ANNIE HAIL

Target Street	Cross Street	Source
✓	-	Cole Information Services

PINE CREEK COURT EXT 2008

146	ASSURANT PROPERTY MANAGEMENT LLC
148	BENJAMIN WATTS
150	ZAHRIA STEWART
152	BOYCE SERVICES
	TANEKA MCKELVEY
156	BRITT CHUWANDA
158	S JOHNSON
160	MADONNA BROCKMAN
162	RHONDA GREENE
164	PATRICE MCMAHAN
168	JAMES WADELINGTON
172	DANITA SHARPERSON
174	CYNTHIA YOUNG
176	CORD BREWSTER
178	PATRICIA RUFFIN
180	EVELYN FULLER
182	JANICE EDENS
200	AMBER ANDERSON
	ANGELA BURNSIDE
	ANGELA WHITNER
	ANNETTE POWERS
	APRIL GAMBRELL
	ASHLEY RICHARDSON
	BESSIE DAVIS
	BETSEY BRIGHT
	BEVERLY PICKENS
	BRATAMNIA WASHINGTON
	BRENDA BARTON
	BRIAN BURNS
	BRITTANY SKELTON
	CALISTA WILLIAMS
	CANGUNICA EVANS
	CARTINA MCGOWAN
	CHERE JUNIOUS
	CHERINE RICE
	CHRISTINE ALLEN
	CHRISTOPHER COBB
	CONNIE GAMBLE
	D HICKS
	DARILUS WILLIAMS
	DARYL CHILES
	DEMETRIC BROCKMAN
	DIANE SANDERS
	DONNIE HENDRIX
	DORIS BREWSTER
	DOROTHY PARKS
	DYKEYVOUS WILLIAMS
	EARL GOSS
	ESTER BAILEY
	EVELYN CRUELL

Target Street	Cross Street	Source
✓	-	Cole Information Services

PINE CREEK COURT EXT 2008 (Cont'd)

200	EVELYN WAKEFIELD
	EVORA BENTLEY
	FELICIA PRICE
	GERALD CHANDLER
	GERIKA MADDOX
	HAROLDENE WILLIAMS
	HELEN MASON
	HIGHLAND SQUARE II
	J PICKENS
	JAMES DOTSON
	JAMES TAYLOR
	JAN MARTIN
	JANICE SMALL
	JASMINE CHAPPELE
	JASMINE JAMISON
	JAVIAN SMITH
	JERMIAH THOMPSON
	JIMMY MARTIN
	JOHN IRBY
	JOHNNIE LOGAN
	JOSHUA DOGAN
	JOYCE LEAKE
	JUDY AUSTIN
	K WHITFIELD
	KAMAREEA WALKER
	KAREEM BRICE
	KATHY MILLER
	KEISHA WILSON
	KERRI UNDERWOOD
	KIESHA MCCLELLAN
	KIM WILLIAMS
	LASHONDA SHELL
	LATISHA WELLS
	LAURA PETERS
	LAVONDA ARCHIE
	LEKISHA WILLIAMS
	LEROY BOZEMAN
	LIZZIE CHILDS
	MARK DIXON
	MARK GOFF
	MARTHA CARSON
	MELVIN OGLESBY
	MENYATTE CUNNINGHAM
	MICHELLE WATSON
	NAHJAA HAWTHORNE
	NAKENYA PERMENTER
	NANNIE PITTS
	NATASHA THOMAS-PUG
	NATAUSHA BLAKLEY
	PATRICIA GAMBLE

Target Street	Cross Street	Source
✓	-	Cole Information Services

PINE CREEK COURT EXT 2008 (Cont'd)

200	PATRICIA HILL
	PAUL GIPSON
	POLLY JOHNSON
	RALPH WHITE
	RICKY CLEVELAND
	ROBERT SULLIVAN
	ROBERT WINSTON
	RONDA KERR
	SANDRA BERARDINELLI
	SARA JONES
	SHAKAYA HENDERSON
	SHANEKEA KEATON
	SHANTELL HUNTER
	SHARIKA MASSEY
	SHARLA THOMPSON
	SHARONDA GAMBRELL
	SHARWARD MOORE
	SHIRLEY WILKINS
	SHUNKISHA GLOVER
	SONNI STARKS
	STACEY MILES
	STEPHANIE BANKS
	TANJANIKA GORDON
	TANYA SPANN
	TERRY OGLESBY
	TEYANANNA GRIFFIN
	TIA DAWSON
	TONI DAVIS
	TORNISHA WILLIAMS
	TRAVIS LADSON
	VIRGINIA PATRICK
	WARREN BEASLEY
	WILLIAM BROWN
	WINONA MCCLAIN

Target Street	Cross Street	Source
✓	-	Cole Information Services

PINE CREEK CT 2008

30	LORETTA PARKS
31	JEAN LITTLE
33	HOWARD BOWENS
34	TED MAYES
50	TAMYA HUNTER
58	CATHY GAMBLE
61	ATREVIA BONAPARTE
66	RUTH GOLDEN
71	NOVELLA ANDERSON
95	ANNIE HAIL

Target Street	Cross Street	Source
✓	-	Cole Information Services

PINE CREEK COURT EXT 2003

146	TAWIO BARKSDALE
148	GREG MCKELVEY
158	S JOHNSON
160	MADONNA BROCKMAN
162	DIETRA BLACKMON
164	ASHANTI RICE
168	JAMES WADELINGTON
172	MARVIS WILSON
174	CYNTHIA YOUNG
176	SHERRY SULLIVAN
178	PATRICIA RUFFIN
180	ERIC HALL
182	TAMEKA SMITH
200	A GARRISON
	ABRAHAM PETERS
	ALICE JONES
	ALMA GLENN
	ANDREW MANIGAULT
	APRIL SAYLES
	ARLENE LEE
	ARTHUR ANDERSON
	AUGUSTINE NJOKU
	AVIS YOUNG
	BOBBY LEAKE
	CAPRICE ALEXANDER
	CHRIS LOVE
	CONNIE GAMBLE
	DEBORAH BLACK
	DENISE JONES
	DESMOND ABBERCROMBIE
	DIANE SANDERS
	DOROTHY PARKS
	EFFIE JONES
	FALANA BROWNLEE
	FRANCES WALKER
	HIGHLAND SQUARE II
	INEZ AIRLINE
	JAMES BOYCE
	JAMES CHANDLER
	JENNIE CLEVELAND
	JEROME ANDERSON
	JONATHAN PRESLEY
	JOSEPHINE WHARTON
	KAREEM BRICE
	KEISHA WILSON
	L DAVENPORT
	LAURA PETERS
	LAVONDA MARTIN
	LEROY BOZEMAN
	LISA SMITH

Target Street	Cross Street	Source
✓	-	Cole Information Services

PINE CREEK COURT EXT 2003 (Cont'd)

200	LIZZIE YOUNG
	LOLA ROSE
	MAMIE MASON
	MARK DIXON
	MARY PERALTA
	MAYA PEPPER
	MELISSA WILSON
	MELODY HARRIS
	MONIQUE FOSTER
	NANNIE PITTS
	NATALIE BROCKMAN
	NGOZI OBIOSAUGWU
	NIVIA JOHNSON
	ODESSA THOMPSON
	PAMELA SUBER
	PHYLLIS HAMPSTON
	POLLY JOHNSON
	RICHARD BANKS
	ROBERT WINSTON
	RONALD THOMAS
	SHEMEKA JENKINS
	SONNI STARKS
	STACEY MILES
	STEPHANIE BANKS
	SUE JONES
	TELEISHA WAKEFIELD
	TERRILYNN HENDERSON
	TERRY BLAKELY
	TERRY ELLIS
	TOPEKA ALLEN
	TRACY SULLIVAN
	VERETTA JONES
	VERONICA HUNTER
	VIVIAN JONES
	YVONDA LOOPER

Target Street	Cross Street	Source
✓	-	Cole Information Services

PINE CREEK CT 2003

33	HOWARD BOWENS
34	TED MAYES
66	RUTH WARE
69	CALVIN TRIMEY
71	NOVELLA ANDERSON

Target Street	Cross Street	Source
✓	-	Cole Information Services

PINE CREEK COURT EXT 1999

146	DEIEDRE WILSON
158	S JOHNSON
160	K BROCKMAN
164	CORA WRIGHT
166	CASSIE POUGH
	HOWARD BUSH
168	JAMES WADELINGTON
170	LOIS FREEMAN
174	EDWIN YOUNG
180	GERALD KEMP
200	ALISHA LEE
	ALLISON WELCH
	ALMA GLENN
	ANDREW MANIGAULT
	ANGELA BURNSIDE
	BERNICE GOWENS
	BOBBY LEAKE
	C ALEXANDER
	C MARTIN
	CARLIS SANDERS
	DAKWSHA SHARPERSON
	DIANE FRANKS
	DOROTHY PARKS
	EFFIE JONES
	ERICA BROWN
	F WILSON
	FRANCES WALKER
	FRANK RICE
	HAROLD DEAN
	HELEN MERRITT
	HIGHLAND SQUARE II
	INEZ AIRLINE
	J HAWTHORNE
	J WHARTON
	JAMILA LITTLE
	JENNIE CLEVELAND
	JOEANNE PERRY
	JOHN PEPPER
	JUNE MANSELL
	K BRYD
	K MCDANIEL
	K WALKER
	KAREN TODD
	KEISHA WILSON
	KRYSTAL SULLIVAN
	LARRY BOYD
	LAURA PETERS
	LEROY BOZEMAN
	LISA SMITH
	M COPELAND

Target Street	Cross Street	Source
✓	-	Cole Information Services

PINE CREEK COURT EXT 1999 (Cont'd)

200	M KILGORE
	MARY GOLDSMITH
	MARY JONES
	MARY PERALTA
	MELISSA WILSON
	MICHAEL BOWMAN
	MONICA PEA
	N GOLDEN
	NANCY CHANDLER
	NONA SULLIVAN
	O KELLY
	ODESSA THOMPSON
	P ANDREWS
	P GORDON
	RICHARD BANKS
	ROBERT WINSTON
	S MOSS
	SHANITA HENDERSON
	SHIRLEY GAMBLE
	SHIRLEY MARTIN
	T SLIGH
	TERESA KILGORE
	TIFFANY WALKER
	TINA BURNSIDE
	TORIA MADDEN
	YOLANDA MORTON
	ZION PICKENS

Target Street	Cross Street	Source
✓	-	Cole Information Services

PINE CREEK CT 1999

30	FRANK WELLS
31	G SMITH
33	HOWARD BOWENS
34	TED MAYES
44	ALICE MARTIN
53	MAURICE HOLLOWAY
75	DAWN PAGE
79	WILLIAM WHITE
81	F SKALA
98	RAY SITTON

Target Street	Cross Street	Source
✓	-	Cole Information Services

PINE CREEK COURT EXTENSION 1995

200 HIGHLAND SQUARE II

Target Street	Cross Street	Source
✓	-	Cole Information Services

PINE CREEK COURT EXTENSION 1992

98	WARE, RUTH J
111	SHEARY, KATHRYN
200	ADEOSO, A
	ANDERSON, CURTIS
	ANDERSON, F
	ASHMORE, PAUL J
	BALLARD, B N
	BLASSINGAME, GALE
	BOWLING, P
	BREWSTER, S
	BROWN, DENISE
	BYERS, RON
	CAMPBELL, RUTH
	CHANDLER, NANCY L
	CHEATHAM, ARTHUR JR
	CHISOLM, TNELLE
	CLARK, LOUISE
	CLEVELAND, ALVA C
	CLEVELAND, JENNIE
	COLLINS, ELIZEA
	COOK, JEROME
	DAVENPORT, JIMMY
	DEAN, HAROLD
	DRINKARD, C A
	EPPS, L J
	FOSTER, VIVIAN
	FRANKLIN, EPHRAUM
	GAMBLE, CONNIE
	GAMBRELL, DETRICK
	GIST, LISA
	GLENN, ALMA
	GOLDSMITH, CROMER
	GOODWIN, MALCOM
	GREEN, J W
	GREER, WILLIE M
	GRIGGS, LOUISE
	HADDEN, F
	HADDEN, ROBBIN
	HARPER, M
	HARRIS, WILLIE
	HENDERSON, CORA
	HIGHLAND SQUARE II
	HOUSE, P L
	JOHNSON, E J
	JOHNSON, S J
	JONES, DORIS
	JONES, EFFIE M
	JONES, MARY S
	KILGORE, MARY T
	LAKE, B J

Target Street	Cross Street	Source
✓	-	Cole Information Services

PINE CREEK COURT EXTENSION 1992 (Cont'd)

200	LATIMORE, J
	LEDFORD, WILLIE
	LOCKEE, DAVID R
	MADDEN, TORIA T
	MANSELL, JUNE A
	MARTIN, JIMMY
	MOORE, ELISE
	MOSES, J
	NASH, ANN
	NEAL, LINDA J
	ODELL, DOROTHY
	PARKER, JAROSA
	PARKS, BRENDA
	PATTERSON, JO A
	PAYNE, BEVERLY
	PENDERGRASS, DERRICK
	PERRY, JOEANNE
	PETERS, LAURA
	PICKENS, ZION V
	POLLARD, B J
	POWELL, W K
	PRUITT, ELAINE
	RILEY, E R
	ROSS, DEBORAH
	SETTLEMYER, JANET K
	SMITH, CONNIE
	SMITH, I
	SMITH, J T
	SOBOWALE, FEMI
	SPURGEON, R A
	SPURGEON, SYLVIA
	SULLIVAN, DALE
	THOMAS, GEORGE
	THOMAS, J
	THOMASON, J
	THOMPSON, ODESSA
	VIGIL, LORRIE
	VOYLES, BRANDI
	WHARTON, J
	WHITE, QUINCY
	WHITE, WILLIAM
	WILBURN, HENRY W
	WILLIAMS, ANNIE V
	WILLIAMS, LYNDA
	WILLIAMS, P A
	WILLIAMS, RONALD
	WILLIAMS, YOLANDA
	WILSON, F M
	WILSON, PERRY
	WRIGHT, LILLIE J

Target Street	Cross Street	Source
✓	-	Cole Information Services

PINE CREEK COURT EXTENSION 1992 (Cont'd)

200 ZURCHER JOHN ASSOCS

Target Street	Cross Street	Source
✓	-	Cole Information Services

PINE CREEK CT 1992

30	WELLS, FRANK JR
31	LITTLE, JESSE E
33	SETTLES, ROBERT
44	MARTIN, ALICE M

Target Street	Cross Street	Source
✓	-	Polk's City Directory

PINE CREEK COURT EXT 1988

866 Brown Debra 277-0300
868★Littlejohn Jonny

63

PINE CREEK COURT EXTN –FROM 34
PINE CREEK CT SOUTH

ZIP CODE 29605
Highlands Condominiums
1 No Return
2 Vacant
3 Cooper Thelma Mrs ◎ 299-0250
4 Young C D
5 Vacant
6 No Return
7★Brock John W Jr 277-3901
8★Brock John T 299-0900
9★Harris Carrie
10★Wilson Anna K
11 Impson Frankey M ◎
12 Lowe Molly B ◎ 277-2820

Target Street	Cross Street	Source
✓	-	Polk's City Directory

PINE CREEK COURT EXT 1988

PINE CREEK COURT EXTN–Contd

13 Vacant
14 Jackson Donald B ◎
15 Vacant
16 Vacant
17★Kemp Jerry ◎
18 Vacant
19 Vacant
20 Harper Merridee J Mrs ◎ 277-3028
21 Dunlap Judith A ◎ 299-1213
22 No Return
23 Roderick Watts ◎
24 Vacant
25 Steel Harris ◎
26 Beardinelli Norman P ◎ 299-1658
27★Osby Patricia
28 Lynch Rosa L ◎
29 Vacant
30★Byers Ronner
31 No Return
32 Dunlap Martha B ◎ 277-1363
33 Fitzgerald Irene Mrs ◎
34 Baker Alice M ◎ 277-0637
35 Poteet Janice ◎
36 Grayden Mamie Mrs ◎
37★Heyward Tony
38 Burton Bennie 277-7053
39 Vacant
40 Gamble Laura C ◎ 277-4296
41 Vacant
42 Perry Joeanne E ◎ 277-8328
43★Voyles Cathryn A 277-3421
44 Martin Marie
45 Pack Ina C Mrs ◎ 277-2010
46 Hagood Rosa
47 Simpson Robt M ◎ 277-0794
48★Miller Barbara ◎ 299-1215
49★Bailey Jonathan 277-3997
50 Swaringen Ann Mrs 277-3015
51★Jackson Billy 277-3916
52★Edwards Stinson O ◎
53★Ellis Ardith Mrs 277-1464
54 Vacant
95 Zurcher John D ◎ 299-1237
96 Zurcher John Associates pulp & paper mill prod 299-1232
97 Young Anna R Mrs ◎ 277-9201
98 Jones Rebecca ◎
106 Humphries Bryan ◎
107 Hall Nancy B Mrs ◎ 277-7319
108 Mc Corkle Mary Mrs ◎
109 Powell Wm K ◎ 277-1380
110 House Patricia L ◎ 299-1989
111 Sheary Kathryn 277-7547
112 Vacant
113★Smith Eleanor M ◎ 277-9388
114★Key Contrina 277-7990
115 No Return
116 No Return
117 No Return
118 Vacant
119 Martin Eug G ◎
120 Ballard Cath A 277-1528
121 Vacant
122★Durham Fadell B
123 Vacant
124 Lafferty Robt F ◎
125 Evans Chas T ◎ 277-5486
126 Wilburn Henry W Jr ◎ 277-7912
127 Irby Scarlett
200 Highland Square II Apartments 277-4467
★Johnson Freeder G

80

PINE CREST AV –FROM 215 DONALDSON RD EAST

104 F
105 C
109 S
110 M
115★
MC
210 F
211 F
212 C
213 E
216 V
218 I
227 D
231★
234 M
235 F
237 J
238 M
239 M
243 M
CR
304 F
309 M
310 M
311 D
317 M
320 D
325 C
333 C
336 M
339 F
344 S
348 L
351 L

PINE
SP
HA

ZIP
6 Ree
8 Par
9 Car
10 Su
11 M
12 W
13 Fr
14 M
17 W
18 M
19 Ba
21 Ri
22 Ge
23 Pu
24 M
25 Co
26 Cl
27 Ro
28 Ti
29 M
30 He
31 He
32a F
32b F
37 Hu
39 Tr
41 W
42★H
43 Da
107 F

Tel
355 Woodruff Road • Suite 401 • Greenville, SC 29607
Tel. (803) 269-2071
d. and Anderson Rd. (29611)

Target Street	Cross Street	Source
✓	-	Polk's City Directory

PINE CREEK CT 1988

MC DOWELL INTERSECTS

63

PINE CREEK CT –FROM 828 PINE CREEK DR SOUTH 1 WEST OF CHESTERFIELD RD

ZIP CODE 29605

1 Gould Jay P ◎ 299-0854
2 Bearden Clara T Mrs ◎ 277-2132
3 Freeman J Lloyd ◎ 277-5421
4 Smith O Bernard ◎ 277-2756
5 Franco Mary E Mrs ◎
6 Brockman Halbert H ◎ 277-9229
7 Foster Jimmy R ◎ 299-1810
8 Dogan Alvin ◎ 271-1075
9★Smith Willie ◎
11★Davis John W ◎ 277-3858
12★Freeman K B ◎ 277-4190
13 Hawkins Anthony
14 Kruse Bud J ◎ 277-1475
15 Logan James ◎
16 Mc Cullough J Henry ◎ 299-3170
17★Edens Mitchell T ◎ 277-0316
18 Brown Frankie H ◎ 277-7485
19 Sullivan G Herman ◎
20 Jones Ruby M Mrs ◎ 299-3712
21 Scott Donald E ◎ 277-5095
22 Bennett Sally M Mrs ◎ 277-2351
BELL MEADE CT BEGINS
26 Butler Charles H ◎ 277-6470
27 Winchester C W III ◎ 277-1309
28 Hunter Annie W Mrs ◎ 277-7817
30 Wells Frank Jr ◎ 277-2689
31 Little Jean Mrs ◎ 277-0911
33 Settles Robt C ◎ 277-3257
34 Mayes Ted E ◎ 277-3304

63

19 PINE CREEK DR –FROM 42 CRESTFIELD RD NORTHEAST

Target Street	Cross Street	Source
✓	-	Polk's City Directory

PINE CREEK COURT EXT 1984

866 Glenn Robt A ◎ 277-0271 127
868 Westmoreland Steven D ◎ 277-0919 200

63

PINE CREEK COURT EXTN —FROM 34
PINE CREEK CT SOUTH

ZIP CODE 29605
Highlands Town Houses
1 Newton Grace P Mrs ◎ 277-0172
2 Vacant
3 Cooper Monty ◎ 277-4512
4★Young Chuck
5★Moulin Gerard 277-9089
6 Vacant
7 Vacant
8 Vacant
9 Vergnault Francoise
10★Pall Gerald G 288-2821
11 Welling Gayle H Mrs ◎
12 Spearman Charles E ◎ 299-1284
13 Capri Guido H ◎
8 14★Mackey James Rev ◎ 277-4544
15★De Sousa L
16 Highland Condominiums Association (Ofc)
17 Deal Kirby K Mrs ◎ 277-0474
18 Perivies Jean-Jacques
19 No Return
20 Harper Merridee J Mrs ◎ 277-3028
21 Dunlap Judith A ◎ 299-1213
22 Day Alf V Jr ◎ 277-7133
23 Thompson Claudia R
24 Vacant
25 Fair Janice T ◎
26★Beardinelli Norman P ◎
27 Vacant
28 Lynch Rosa L ◎
29 Fiouch Francois
30 Vacant
31 Mathers John M 299-1364
32 Dunlap Martha B ◎ 277-3945
33 Vacant
34 Baker Alice ◎

PIN
D
ZI
2★P
9 V
10 P
LU
104
110
C
220
PIN
C
F
ZI
3 Jo
4 R
9 D
10 G
15 H
104
105★
109
110
115
M
210
211
212
213
216
218
227
231

Target Street	Cross Street	Source
✓	-	Polk's City Directory

PINE CREEK COURT EXT 1984

35 Corn David A ◎ 299-1663
36 Vacant
37 Saviello Mathew J
38 Smith John G ◎
39★Binet Richd E
40 Gamble L C ◎ 277-4296
41 Allen John H ◎ 277-1946
42★Perry Joeanne E ◎ 277-8328
43 Vacant
44 Vacant
45 Pack Ina C Mrs ◎ 277-2010
46 Vacant
47 Gossett Richd A ◎ 277-1760
48★Sessoms Frances D ◎ 299-1215
49 Vacant
50 Swaringen Ann Mrs 277-3015
51 Vacant
52 Robinson M C ◎ 299-1327
53★Marion Robt
54 Vacant
95★Zrucher John D 299-1232
96 Vacant
97 Young Anna R Mrs ◎ 277-9201
98 Vacant
106 Valley Thos P ◎ 277-3915
107 Hall Nancy B Mrs ◎ 277-7319
108 Mc Corkle Mary Mrs ◎
109 Mahajan Subhash C
110 House Patricia L ◎ 299-1989
111 Kay D F ◎ 299-0674
112★Grant Evelyn A ◎ 277-4265
113 Williams Jerry R ◎
114 Vacant
115 Vacant
116 Bremner Philip W Jr ◎ 277-5049
117 Vacant
118★Smallwood Cindy M Mrs 277-3038
119 Martin Eug G ◎
120★Ballard Cath A 277-1528
121 Vacant
122 Vacant
123 Vacant
124 Lafferty Robt F ◎
125 Evans Chas T ◎ 277-5486
126 Wilburn Henry W Jr ◎ 277-7912
127 Vacant
200 Highland Square II Apartments 277-4467
★Wilson J Carol Mrs

Mailing Address: P.O. Box 167 (29602) Tel. 879-8000

PINE CREST AV —FROM 215

Target Street	Cross Street	Source
✓	-	Polk's City Directory

PINE CREEK CT 1984

MC DOWELL INTERSECTS

63

PINE CREEK CT —FROM 828 PINE CREEK DR SOUTH 1 WEST OF CHESTERFIELD RD

ZIP CODE 29605

1 Gould Jay P ◎
2 Bearden Clara T Mrs ◎ 277-2132
3 Freeman J Lloyd ◎ 277-5421
4 Smith O Bernard ◎ 277-2756
5 Franco Anthony ◎
6 Brockman Halbert H ◎ 299-0312
7 Foster Jimmy R ◎ 299-1810

Target Street	Cross Street	Source
✓	-	Polk's City Directory

PINE CREEK CT 1984

PINE CREEK CT—Contd

8 Dogan Alvin ◎ 271-1075
9 Gentry Betty B Mrs ◎ 277-7910
11 Tyler Oneal Jr ◎ 277-2543
12 Fuller Merle D Mrs ◎ 277-3938
13 Vacant
14 Kruse Bud J ◎ 277-5463
15 Hagood Robt Q L ◎
16 Mc Cullough Henry ◎
17★Murray P Y ◎ 277-5389
18 Brown Frankie H ◎ 277-7485
19 Sullivan G Herman ◎
20★Jones John ◎
21 Scott Donald E ◎ 277-5095
22 Bennett Sally M Mrs ◎ 277-2351
BELL MEADE CT BEGINS
26 Butler Charles H ◎ 277-6470
27 Winchester C W III ◎ 277-1309
28 Hunter Annie W Mrs ◎ 277-7817
30★Wells Frank ◎ 277-2689
31 Smith Lucy W Mrs ◎ 277-6045
33★Griffin Carolyn Mrs 299-0940
34 Mayes Ted E ◎ 277-3304

63

PINE CREEK DR —FROM 42

Target Street	Cross Street	Source
✓	-	Hill's City Directory

PINE CREEK COURT EXT 1979

868 Westmoreland Steven D ◎ 277-0739

PINE CREEK COURT EXTN —FROM 34 PINE CREEK CT SOUTH

ZIP CODE 29605
Highlands Town Houses
1 Newton Grace P Mrs ◎ 277-2729
2 Johnson Abe Jr ◎ 299-0926
3 Cooper Monty ◎ 277-8619
4★Gosey David C 299-0334
5 Carton Chris
6★Beaugut Alain
7 Lewis Thos L Jr ◎ 277-0442
9 Alcalde Patricia ◎
10★Gabin Alain
11★Welling Gayle H Mrs ◎ 277-7719
12★Spearman Charles E ◎ 299-1284
13 Capri Guido H ◎ 277-4924
14★Roth David ◎
15★Dutoo Pierre ◎ 277-9221
16 Highland Condominiums The (Am Development) 277-6673
17★Deal Carolina ◎
18★Hauty Gerard
19 Comte Geo
20 Sokin
21★Dunlap Judith A ◎
22★Day Alf V Jr ◎ 244-0953
23★Clark P A ◎ 235-0715
24★Greze Michelle ◎
25★Steele D ◎
26★Linder Jack ◎
27 Vacant
28★Ferguson Robt ◎
29★Damon Gerard
30★Rolin Andre

Target Street	Cross Street	Source
✓	-	Hill's City Directory

PINE CREEK COURT EXT 1979

31★Barefoot J W 109
32 Dunlap Martha B ◎ 277-3945 110
33 Davenport Hilda B Mrs ◎ 277-7471 115
34 Estes Winifred H ◎ 277-7387 N
35 Trask David S ◎ 277-8797 210
36 Wesley 211
37★Moy Andre 212
38 Smith John G ◎ 277-6390 213
39★Jenkins John ◎ 216
40 Mc Cauley Wm E ◎ 277-1544 218
41 Allen John H ◎ 277-1946 227
42★Emery Al ◎ 231
43 Snyder Jo Ann Mrs ◎ 277-9511 234
44 Peacock Jennifer L ◎ 277-6710 235
45 Pack Ina C Mrs ◎ 277-2010 237
46★Chovier Joseph N 238
47 Cummings Shirley 239
48★Sessions Venice ◎ 243
49 Vacant
50 Vacant
51 Timms Betty C
52 Robinson M C ◎ 299-1327 304
53★Hollinger Wayne ◎ 309
54★Megemont Alain 310
95★Zurcher John D ◎ 277-8445 311
96★Zurcher John D 312
97 Young Anna R Mrs ◎ 277-9201 336
98 Edwards Gordon ◎ 277-7549 344
106 Valley Thos P ◎ 277-3915 348
107 Hall Nancy B Mrs ◎ 277-7319 —
108 Mc Corkle Mary Mrs ◎
109 Ball Montague G Jr ◎ 277-6091 PI
110 Durham J E ◎ 277-2653 S
111★Kay D F ◎ 299-0674 C
112 Sloan Gerald L ◎ 277-6004
113 Vacant Z
114 Jullien Bernard 6 F
115★Hawkins Harold 8 F
116 Bremner Philip W Jr ◎ 277-5049 9 C
117★Chatry Gerald 10★
— 118★Elliott Avanelle ◎ 11
63 119 Martin Eug G ◎ 12
120★Bolt Carey ◎ 13★
121★Alain Bernier 14
122★Papin Bernard ◎ 17
123 Restover Christian 18
124 Lafferty Robt ◎ 19
125★Pruitt F S ◎ 21
126 Wilburn Henry W Jr ◎ 277-7912 22
127★Tourette Roland 23
24
80 25
PINE CREST AV —FROM 317 26

Target Street	Cross Street	Source
✓	-	Hill's City Directory

PINE CREEK CT 1979

27 Sheppard Louis A ◎ 269-3980
MC DOWELL INTERSECTS

PINE CREEK CT —FROM 828 PINE CREEK DR SOUTH 1 WEST OF CHESTERFIELD RD

ZIP CODE 29605

1 Gould Jay P ◎ 277-5219
2 Bearden Clara T Mrs ◎ 277-2132
3 Freeman J Lloyd ◎ 277-5421
4 Newton Linda K Mrs ◎ 277-3466
5 Franco Anthony ◎
6 Mustin Charles R ◎ 277-8716
7★Foster Jimmy R ◎
8 Bostic Pauline M Mrs ◎ 277-0511
9 Gentry Betty B Mrs ◎ 277-7910
11 Dilelio Donald R ◎ 277-5655
12 Fuller M R ◎ 277-3938
13 Ritter J Robt ◎ 277-0931
14 Vacant
15★Hagood Robt Q L ◎
16★Mc Cullough Henry ◎
17 Martin Wm K ◎
18★Brown Frankie H ◎ 277-7485
19 Sullivan G Herman ◎ 277-8846
20 Mc Leod David S ◎
21 Scott Donald E ◎ 277-5095
22 Bennett James D ◎ 277-2351
BELL MEADE CT BEGINS
26 Butler Charles H ◎ 277-6470
27★Winchester Sara Mrs ◎
28 Hunter Clinton M ◎ 277-7817
30 Vacant

Target Street	Cross Street	Source
✓	-	Hill's City Directory

PINE CREEK CT 1979

31 Smith Lucy W Mrs ◎ 277-6045
33 Settles Robt C ◎ 277-8440
34 Mayes Ted E ◎ 277-3304

Target Street	Cross Street	Source
✓	-	Hill's City Directory

PINE CREEK CT 1974

esc MC DOWELL INTERSECTS 61

61

63 61

PINE CREEK CT —FROM 828 PINE CREEK DR SOUTH 1 WEST OF CHESTERFIELD RD 61

70

70

ZIP CODE 29605 70

1 Gould Jay P ◎ 277-5219 70

2 Bearden Emmett K ◎ 277-2132 70

3 Baran Helko E ◎ 277-6972 70

4 Newton Linda K Mrs ◎ 277-3466 70

— 5★Franco Tony ◎ 277-2731 70

19 6 Arnau James A Jr ◎ 277-4525 71

Γ 7 Ledbetter James F ◎ 277-3588 71

/ 8 Bostic Pauline M Mrs ◎ 277-0511 71

9 Gentry Charles O ◎ 277-7910

11 Dilelio Donald R 277-5655 80

12 Fuller M R 277-3938 80

14 Mize John A ◎ 277-2035 80

15 Nathan Frank E Inc beauty & barber 80

sup 277-7309 80

Target Street	Cross Street	Source
✓	-	Hill's City Directory

PINE CREEK CT 1974

Nathan Edw H ◎ 277-1131
16 Rogers Wm S ◎ 277-2630
17 Adams Wm B ◎ 277-4821
18 Higgins Francis J ◎ 277-1420
19 Story Geo E ◎ 277-7571
20 Dacey Raymond B ◎ 277-2880
21 Perry Thos Jr 277-6462
22 Bennett James D ◎ 277-2351
BELL MEADE CT BEGINS
26 De Lack David S ◎
27 Adams Ted R ◎ 277-2911
28 Hunter Clinton ◎ 277-7817
33 No Return
34 Miller Maury E ◎ 277-4396

Target Street	Cross Street	Source
✓	-	Hill's City Directory

PINE CREEK CT 1969

---MC DOWELL INTERSECTS

63

PINE CREEK CT FROM 828 PINE CREEK
DR SOUTH 1 WEST OF CHESTERFIELD
RD

---ZIP CODE 29605

1 GOULD JAY P • 277-5219
2 BEARDIN EMMETT K • 277-2132
3 BARAN HELKO E • 277-6972
4 NEWTON DWIGHT A • 277-3466
5 DODD GLENN D • 277-6045
6 ARNAU JAMES A JR • 277-4525
7 LEDBETTER JAMES F • 277-3588
8 BOSTIC PAULINE M MRS • 277-0511
9 MUSTIAN VERNON M • 277-1745
11 WINKLE MEEK M • 277-2343
14 MIZE JOHN A • 277-2035
15 NATHAN EDW H • 277-1131
16 ROGERS WM S • 277-2630
17 LAMB THOS F 277-7455
18 HIGGINS FRANCIS J • 277-1420
19 STORY GEO E • 277-1287
20 DACEY RAYMOND B • 277-1354
21 ELLIOTT AUSTIN L JR • 277-5037
22 DODSON WM H • 277-4532
26 DELACK DAVID S • 277-7940
27 SHORT ROBT J • 277-3082
C V A ASSOCIATES COOKING
UTENSILS 277-3654
28 FRUEHAUF B F • 277-7805
33 GIRARD LAWRENCE J • 277-1605
34 MILLER MAURY E • 277-4396

63

PINE CREEK DR -FROM 42 CRESTFIELD
RD NORTHEAST

Target Street	Cross Street	Source
✓	-	Hill's City Directory

PINE CREEK CT 1964

63

PINE CREEK CT -FROM 828 PINE
CREEK DR NORTH

Target Street	Cross Street	Source
✓	-	Hill's City Directory

PINE CREEK CT 1964

2 BEARDEN EMMETT K • 277-3567
3 STEINMETZ CHARLES E •
277-3609
4 NEWTON DWIGHT A • 277-3466
5 HOPPE HAROLD G • 277-3245
6 ARNAU JAMES A JR • 277-4525
7 LEDBETTER JAMES F • 277-3588
8 BOSTIC PAULINE M MRS •
277-0511
9 MUSTIAN VERNON M • 277-1745
11 STEPHENS T GARY • 277-3049
14 MIZE JOHN A • 277-2035
15 NATHAN EDW H • 277-1131
16 ROGERS WM S • 277-2630
17 OXFORD EDW C 277-1760
18 TAYLOR DUANE F • 277-3445
19 STORY GEO E • 277-1287
20 DACEY RAYMOND B • 277-1354
21 ELLIOTT AUSTIN L JR •
277-5037
22 MOTTS HAROLD D • 277-4532
27 VACANT

ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE

Please complete to the best of your knowledge. For those questions that are not applicable, please respond with an "N/A". For those questions that are unknown, please respond with "unknown".

1. PROPERTY INFORMATION:

Property Name: Highland Square Apartments		
Property Address: 200 Pine Creek Court Ext		
City Greenville	State SC	Zip 29605
Assessor's Parcel Number		
Property Owner & Contact Information: Gregory Perlman, 818-808-0600		
Date Property Owner Purchased:		
Key Site Manager & Contact Information: Michelle Merriman 216-482-6741		

2. COMPLETED BY

Signature Michelle Merriman	Date 7-18-16
Printed Name Michelle Merriman	Relation to Subject Property Regional Property Manager

3. PREVIOUS INVESTIGATIONS

Have any previous environmental investigations been performed at the property, including Phase I ESAs, Phase II Subsurface Investigations, Remediation, Asbestos or Lead-Based Paint surveys?____No_____

_____(If yes, please provide copies)

4. PROPERTY DESCRIPTION

Property Size: ___13.4 acres _____ Number of Building(s): ___11_____

Size of Building(s): _2-3 story, 20-30 feet _____

Date of Construction: ___1979_____

Property Type: (please circle)

Multi-Family Hotel Mobile Home Park Retail/Commercial Industrial Office

Other: _____

Please provide Rent Roll if Applicable.

Historical Use of Property: _____

5. SURROUNDING PROPERTY USES

PARTNER

Direction	Use
North	Commercial
South	Commercial
East	Residential
West	Residential

Are you aware of any potential environmental concerns associated with surrounding properties?

_____ YES _____x____NO

If yes, please describe: _____

_____

_____

_____

6. Utilities & Services

Please provide the name of the utility or contractor providing the following:

Electric	__Duke Energy _____	Bio-hazardous Waste	_____
Gas	_____	Elevator Maintenance	_____
Potable Water	_Greenville Water and Sewer ___	Used Grease	_____
Sanitary Sewer	_Greenville Water and Sewer____	Hazardous Waste	_____

7. On Site Operations

Are you aware of any of the following conditions, either past or present, on the property?		
Condition	**Response**	**If yes, please describe**
1. Stored Chemicals	☐ Yes ☑ No	
2. Underground Storage Tanks	☐ Yes ☑ No	
3. Aboveground Storage Tanks	☐ Yes ☑ No	
4. Spills or Releases	☐ Yes ☑ No	
5. Dump Areas/Landfills	☐ Yes ☑ No	
6. Waste Treatment Systems	☐ Yes ☑ No	
7. Clarifiers/Separators	☐ Yes ☑ No	
8. Vents/Odors	☐ Yes ☑ No	
9. Floor Drains/Sumps	☐ Yes ☑ No	
10. Stained Soil	☐ Yes ☑ No	
11. Electrical Transformers	☐ Yes ☑ No	
12. Hydraulic Lifts/Elevators	☐ Yes ☑ No	
13. Dry Cleaning Operations	☐ Yes ☑ No	
14. Oil/Gas/Water/Monitoring Wells	☐ Yes ☑ No	
15. Environmental Permits	☐ Yes ☑ No	

Greenville County, SC - Property Report	Convert to PDF	7/22/2016
PIN / Tax Map #		
WG02030101200		

Owner Information	
Owner Name	HS INVESTORS LLC
Additional Owner Name	
Care Of	Gh Capital Llc Suite 110
Mailing Address	26301 Curtiss Wright Pkwy
City	Cleveland
State	OH
Zip Code	44143

Greenville County

Mobile Maps and Information

Disclaimer: Map and parcel data are believed to be accurate, but accuracy is not guaranteed. This is not a legal document and should not be substituted for a title search, appraisal, survey, or for zoning verification.

Parcel Information			
Acres	Description	Location	Subdivision
13.400	13 Pt 5	Pine Creek	

Reference Information				
Deed Book	Deed Page	Deed Date	Plat Book	Plat Page
2186	1879	1/30/2006	M	95

Building Information			
Bedrooms	Bathrooms	Half Baths	Square Feet
0	0	0	0

Classification		
Land Use	Jurisdiction	Homestead Code
120 - Apartment	County Jurisdiction	No

Values			
Fair Market Value	Taxable Market Value	Sales Price	Total Rollback
$6,336,000	$5,272,150	$4,048,000	$0

Taxes / Fees				
Tax District	County Stormwater Fee	City Stormwater Fee	Taxes	Taxes Paid Date
156	$2,511	$0	$116,464.21	1/12/2016

Property Tax History			
Tax Year	**Owner Name**	**Taxable Market Value**	**Taxes**
2014	Hs Investors Llc	$4,584,495	$100,524.07
2013	Hs Investors Llc	$4,584,495	$99,175.72
2012	Hs Investors Llc	$4,584,495	$96,728.11
2011	Hs Investors Llc	$4,584,495	$94,775.11
2010	Hs Investors Llc	$4,584,495	$93,509.28
2009	Hs Investors Llc	$3,986,819	$87,102.74
2008	Hs Investors Llc	$3,986,819	$85,329.89
2007	Hs Investors Llc	$3,986,819	$82,315.85
2006	Highland Sq Ii Apts Assoc A Lt	$3,519,969	$77,077.76
2005	Highland Sq Ii Apts Assoc A Lt	$3,519,969	$72,290.96
2004	Highland Sq Ii Apts Assoc A Lt	$3,519,969	$70,274.88
2003	Highland Sq Ii Apts Assoc A Lt	$3,519,969	$69,519.09
2002	Highland Sq Ii Apts Assoc A Lt	$3,519,969	$68,826.36
2001	Highland Sq Ii Apts Assoc A Lt	$3,519,969	$65,911.68
2000	Highland Sq Ii Apts Assoc A Lt	$2,223,500	$42,213.55
1999	Highland Sq Ii Apts Assoc A Lt	$2,223,500	$41,666.57
1998	Highland Sq Ii Apts Assoc A Lt	$2,223,500	$39,911.70

Ownership History				
Owner Name	**Deed Book**	**Deed Page**	**Date of Last Sale**	**Last Sale Price**
Hs Investors Llc	2186	1879	1/30/2006	$4,048,000
Highland Sq Ii Apts Assoc A Lt	1093	990	12/19/1978	$0

REAL PROPERTY DETAILS

Details for Tax Year 2016

Property Tax Estimate

Select Another Tax Year: 2016

View Map View Old Property Card Change Mailing Address

GENERAL INFORMATION

Map #:	WG02030101200
Tax Year:	2016
District:	156
Owner(s):	Hs Investors Llc
Previous Owner:	Highland Sq Ii Apts Assoc A Lt
Care Of:	Gh Capital Llc Suite 110
Mailing Address:	26301 Curtiss Wright Pkwy Cleveland, OH 44143

DESCRIPTION

Acreage:	13.400
Description:	13 Pt 5
Location:	200 Pine Creek Ct Ext
Subdivision:	
Deed Book-Page:	2186 - 1879
Deed Date:	01/30/2006
Will:	
Sale Price:	$4,048,000
Plat Book-Page:	M / 95

CLASSIFICATION

Jurisdiction:	1 (County Jurisdiction)
Homestead Code:	No
Assessment Class:	OT - Non-Legal Residence

PROPERTY INFORMATION

Bedrooms/Bathrooms:	0 Bedrooms, 0 Bathrooms, Half Bathrooms
Square Footage:	0
Land Use:	120 (Apartment-Convent(C,D)) 120 (Apt- High rise (A,B))

VALUE

Fair Market Value:	6,336,000
Taxable Market Value:	5,272,150
Total Rollback:	
Taxes:	Not Available

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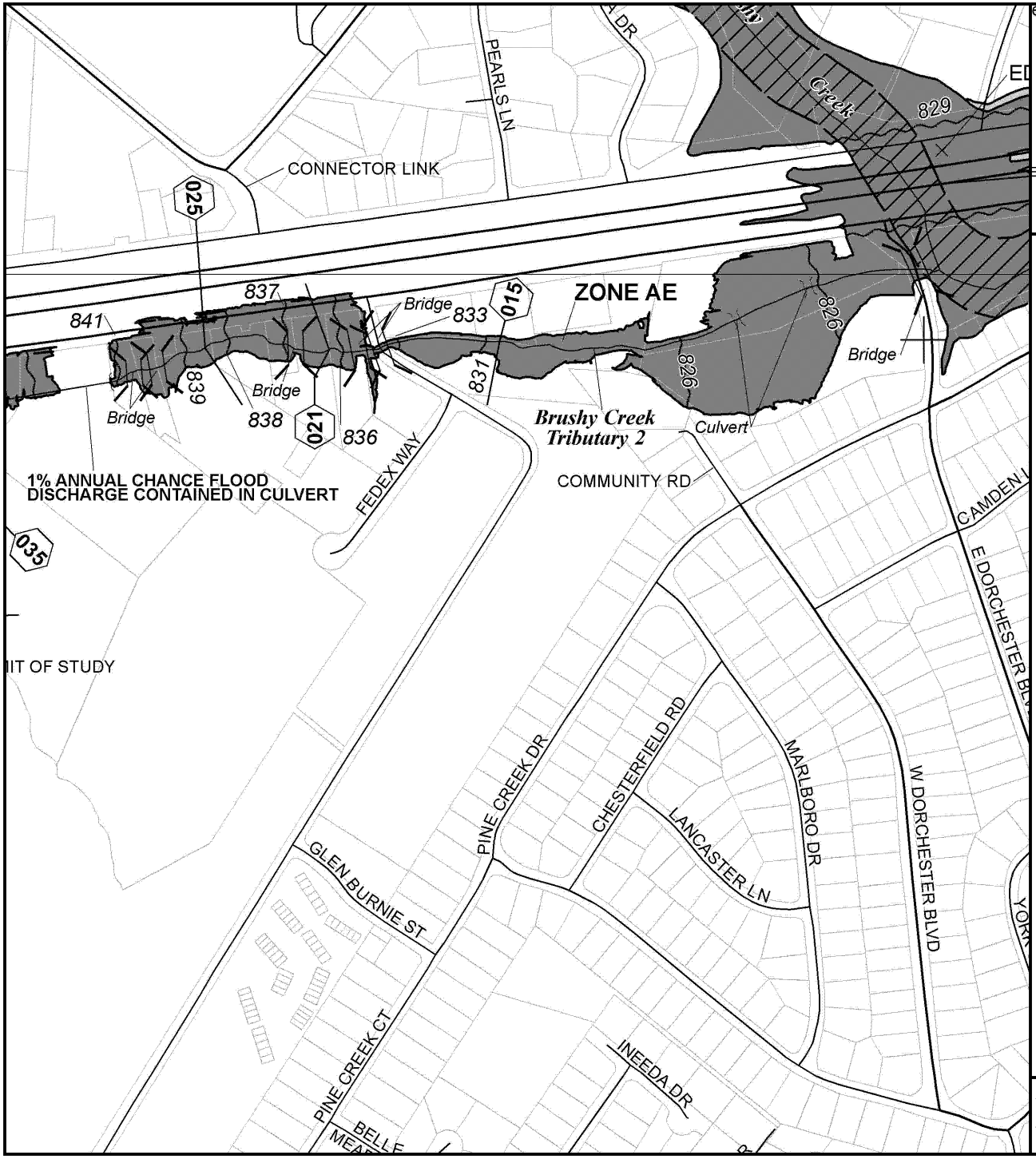

e Program at 1-800-638-6620.

MAP SCALE 1" = 500'

0 250 500 750 1,000 FEET

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0392E

FIRM

FLOOD INSURANCE RATE MAP

GREENVILLE COUNTY, SOUTH CAROLINA

AND INCORPORATED AREAS

PANEL 392 OF 625

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
GREENVILLE COUNTY	450089	0392	E
GREENVILLE, CITY OF	450091	0392	E

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER 45045C0392E

MAP REVISED AUGUST 18, 2014

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

August 18, 2006

CharterMac Mortgage Capital
7625 Wisconsin Avenue, 3rd Floor
Bethesda, Maryland 20814

SUBJECT: Phase I Environmental Update
Highland Square II
200 Pine Creek Court Extension
Greenville, South Carolina 29605

LAC Project No. 06-40156.1

The following presents LandAmerica Assessment Corporation's (LAC) findings pertaining to the Phase I Environmental Site Assessment Update (Update) conducted at the above-referenced property. This investigation was conducted in accordance with the signed proposal received on August 9, 2006.

I. PROJECT IDENTIFICATION

The property is identified as Highland Square II and is located at 200 Pine Creek Court Extension within the City of Greenville, County of Greenville, South Carolina ("subject property"). The subject property's Assessor's Parcel Number (APN) is WG02030101200. LAC project number is 06-40156.1.

II. PROPERTY USE

The Subject Property consists of ten, two-story and three-story apartment buildings of concrete slab-on-grade construction containing a total of 152 rental units with 110,664 square feet of net rentable area (NRA). The improvements were completed in 1979. The Property also consists of additional improvements such as; grade level asphalt paved drive and parking areas, an office/meeting room/laundry room/maintenance shop building, swimming pool, concrete sidewalks and landscaping.

According to the County of Greenville, three permits and one code enforcement case for the Property are recorded. The Code enforcement case was closed June 12, 2000. Building permit research indicates that the Certificate of Occupancy was issued September 5, 1996.

III. SCOPE OF INVESTIGATIONS

On August 17, 2006, Robert S. Merdes, P.E., of LAC conducted a visual inspection of the subject property to assess any significant changes in the property use related to petroleum products, regulated hazardous materials and/or hazardous waste at the subject site since August 2, 2005, when Robert S. Merdes, P.E. completed a Phase I Environmental Assessment of the Highland Square II Apartments. LAC's investigation included reconnaissance of adjacent properties, background research, and review of available local, state and federal regulatory records regarding the presence of unauthorized releases of environmentally hazardous substances at, or in the vicinity of the subject property. Interviews were conducted with appropriate regulatory personnel, where appropriate. It is the intent of LAC that this Update, combined with the findings of the Phase 1 ESA previously prepared by LAC, will comply with ASTM 1527-2000, as appropriate for this property. `

This Phase I ESA Update report was performed at the request of CharterMac Mortgage Capital utilizing methods and procedures consistent with good commercial or customary practices designed to conform to acceptable industry standards. This report may be distributed to and relied on by CharterMac Mortgage Capital, its successors and assigns and Conduit to be assigned, CharterMac Mortgage Capital its successors and assigns with respect to a loan upon the project, together with any rating agency or issuer or purchaser of any security collateralized or otherwise backed up by such loan. The independent conclusions represent LandAmerica Assessment Corporation's best professional judgment based on the conditions that existed and the information and data available to us during the course of this assignment. Factual information regarding operations, conditions, and test data provided by CharterMac Mortgage Capital, owner, or their representative has been assumed to be correct and complete.

IV. SUMMARY OF PREVIOUS INVESTIGATIONS

LAC reviewed the Phase I Environmental Site Assessment of the Highland Square II Apartments located at 200 Pine Creek Court Extension in Greenville, South Carolina 29605 dated August 2, 2005, prepared by Robert S. Merdes, P.E and LandAmerica Assessment Corporation. The information below summarizes Mr. Merdes findings, conclusions and recommendations:

- The Property is situated on an irregular shaped parcel of land comprised of approximately 13.4 acres accessible to the west from Pine Creek Drive Extension. The parcel of land is situated in a suburban area of Greenville consisting of a mixture of single and multi-family residential and local commercial type land use. The Property is utilized for multi-family residential purposes with ten, two and three-story apartment buildings of concrete slab-on-grade construction containing a total of 152 rental units. The improvements were completed in 1979. The Property also consists of additional improvements such as; grade level asphalt paved drive and parking areas, an office/meeting room/laundry room/maintenance shop building, swimming pool, concrete sidewalks and landscaping. Review of available historical documentation indicates that the prior use of the Property consisted of agriculture.

- Based on soil survey, published by the USDA Soil Conservation Service (1972), the rivers, creeks and smaller streams in Greenville County form a well-defined drainage pattern of waterways that flow southeastward. The major streams that drain the county are the North, Middle and South Saluda, Reedy, Enoree, And South and Middle Tyger Rivers.

  The nearest surface water in the vicinity of the Property is the Bushy Creek Tributary located approximately 500 feet north of the Property. No settling ponds, lagoons, surface impoundments, wetlands or natural catch basins were observed at the Property during this investigation.

- The depth to groundwater is approximately 15-30 feet below the surface and the direction of flow is northerly.

- No on-site environmental conditions were identified during the course of this assessment.

- No offsite environmental conditions were identified that were considered likely to impact the Property.

- In accordance with the Scope of Services, LAC conducted a limited, visual evaluation of interior, accessible areas for the presence of suspect asbestos containing materials (ACM) at the Property in the previous report. The objective of this visual survey was to note the presence and condition of suspect ACM observed.

  The survey consisted of noting observable materials (materials which were readily accessible and visible during the course of the site reconnaissance) that are commonly known to potentially contain asbestos. This activity was not designed to discover all sources of suspect ACM, or asbestos at the site; or to comply with any regulations and/or laws relative to planned disturbance of building materials such as renovation or demolition, or any other regulatory purpose. Rather, it is intended to give the lender an indication if significant (significant due to quantity, accessibility, or condition) potential sources of ACM

are present at the Site. Additional sampling, inspection, and evaluation will be warranted for any other use.

No building plans or specifications, which may be useful in determining areas likely to have used ACM, were made available for review.

Based on the results of the limited asbestos survey, no ACM has been confirmed at this facility. However, according to the original date of construction of the improvements (prior to 1979), asbestos may be present in materials not sampled by LAC at the Property. Prior to the disturbance of any suspect ACM in this facility, a comprehensive asbestos survey, designed to determine if the suspect ACM is a regulated material, is recommended. If such materials are identified and need to be disturbed, repaired or removed, a licensed abatement contractor should be consulted. Suspect ACM can be managed under the auspices of an Operations and Maintenance (O&M) plan.

- Onsite sampling to determine the level of radon concentrations in the facility was conducted during the period July 26, 2005 to July 29, 2005. A total of two charcoal canisters were placed in the facility. The locations and analytical results are tabulated below. The laboratory report is presented in Appendix F. The canisters were placed by Robert S. Merdes during the site reconnaissance on July 26, 2005 and were collected by Emily McCarson, Property Manager on July 29, 2005. The canisters were returned to Key Technologies for radon analysis. The analytical data indicated that neither of the samples exceeded 4 pCi/L, the EPA action level for radon in residential dwellings.

- In accordance with Fannie Mae Guidelines, limited qualitative lead screening was performed on selected painted surfaces at the Property. The purpose of this screening was to gather qualitative information that may indicate the presence of lead on selected painted surfaces. A qualified firm should perform quantitative lead analysis in order to confirm the results indicated herein. This screening is not designed to meet the requirements of the Residential Lead-Based Paint Hazard Reduction Act of 1992 (Title X), or any other applicable regulatory requirements; rather, it is intended to give the Lender an indication of the likelihood that lead-based paint is present. The property falls under the definition of Target Housing, and is regulated under Title X. Regardless of the findings of this limited screening, the seller or renter of the property is required to make available a federally approved lead hazard information pamphlet and must disclose known lead-based paint and/or lead-based paint hazards to purchasers and renters of the property pursuant to the requirements of 24 CFR 35.92 and 40 CFR 745.113.

  Selected painted surfaces were screened for the presence of lead by applying a colorimetric lead-sensitive chemical (Lead Check) to the painted surface. If the color of the applicator turns pink, the screen is positive, and the presence of lead is indicated. Based upon the results of the limited lead screening, the presence of lead-based paint in this facility has not been indicated.

- LAC has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527 of 200 Pine Creek Court Extension Greenville, SC 29605, and the Property. Any exceptions to or deletions from this practice are described in Section 1.4 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the Property. However, the following is noted: Based on the results of the limited asbestos survey, no ACM has been confirmed at this facility. However, according to the original date of construction of the improvements (prior to 1979), asbestos may be present in materials not sampled by LAC at the Property.

- Prior to the disturbance of any suspect ACM in this facility, a comprehensive asbestos survey, designed to determine if the suspect ACM is a regulated material, is recommended. If such materials are identified and need to be disturbed, repaired or removed, a licensed abatement contractor should be consulted. Suspect ACM can be managed under the auspices of an Operations and Maintenance (O&M) plan.

V. SUMMARY OF CURRENT INVESTIGATIONS

Mapped Database Records Search

Information from standard federal and state environmental record sources is provided through Environmental Data Resources, Inc. Data from governmental agency lists are updated and integrated into one database, which is updated as these data are released. This integrated database also contains postal service data in order to enhance address matching. Records from one government source are compared to records from another to clarify any address ambiguities. The demographic and geographic information available provides assistance in identifying and managing risk. The accuracy of the geocoded locations is approximately +/- 300 feet. Based on the review of the unmappable "orphan" sites, none of these sites are within the prescribed search radii. Regulatory information from the following sources regarding possible recognized environmental conditions within the noted distance from the subject site was reviewed. Refer to the Appendix for a complete listing.

Federal NPL List

The LandAmerica Priorities (Superfund) List is the Environmental Protection Agency (EPA) database of uncontrolled or abandoned hazardous waste sites identified for priority remedial actions under the Superfund Program.

No NPL sites are located within one mile of the subject site.

Federal CERCLIS List

This list is a compilation of sites that the EPA has investigated or is currently investigating for a release or threatened release of hazardous substances.

No CERCLIS sites are located within one-half mile of the subject site.

Federal Resource Conservation and Recovery Act (RCRA) CORRACTS TSD Facilities List

The EPA Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA TSD database is a compilation by the EPA of reporting facilities that treat, store or dispose of hazardous waste. The CORRACTS database is the EPA list of treatment storage or disposal facilities subject to corrective action under RCRA.

No RCRA CORRACTS TSD facilities are located within one mile of the site.

Federal Resource Conservation and Recovery Act (RCRA) Non-CORRACTS TSD Facilities List

The RCRA TSD database is a compilation by the EPA of reporting facilities that treat, store or dispose of hazardous waste.

No RCRA TSD sites are located within one-half mile of the subject site.

Federal RCRA Generator List

The EPA Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Generators database is a compilation by the EPA of reporting facilities that generate hazardous waste.

No RCRA Generator facilities are listed on the subject site, or on the adjacent properties.

Federal Emergency Response Notification System (ERNS)

The Emergency Response Notification System (ERNS) is a national database used to collect information or reported release of oil or hazardous substances.

No ERNS sites were listed on the subject site, or on the adjacent properties.

State Priority List

The South Carolina Department of Health Environment Control (SCDEHC) maintains a list of sites considered to be actually or potentially contaminated and presenting a possible threat to human health and the environment.

No SPL sites are located within a one-half mile radius of the subject site.

State CERCLIS-Equivalent List

The (SCDEHC) maintains a State CERCLIS-equivalent list (SCL) maintains a list of sites under investigation that could be actually or potentially contaminated and presenting a possible threat to human health and the environment.

No SCL sites are located within a one-mile radius of the subject site.

Solid Waste/Landfill Facilities (SWLF)

A database of SWLF is prepared by (SCDEHC).

No SWLF facilities are listed within one-half mile of the subject site.

Leaking Underground Storage Tank List (LUST)

The (SCDEHC) compiles lists of all leaks of hazardous substances from underground storage tanks.

One LUST site is listed within one-half mile of the subject site.

SITE NAME	STATUS	DISTANCE/LOCATION
Wilson Trucking Corp. 76 Bruce Road Greenville, NC Agency I.D. 04273	Currently- No Further Action required	Located within one-half mile from the Property. Currently inactive, No Further Action dated July 8, 1998

State Underground Storage Tank List (UST)

The (SCDEHC) compile a list of UST locations.

No registered UST facilities are listed on or adjacent to the Property.

Regulatory Agency Records

Regulatory agency record reviews were not required for this assessment.

Interviews with Regulatory Agency Officials

Interviews with regulatory agency officials were not required for this assessment.

Site Reconnaissance and Interviews

The site was inspected by Robert S. Merdes, P.E. on August 17, 2006. The weather at the time of the site visit was warm and sunny. Ms. Deborah Walker, Regional Manager and Mr. Clay Summer, Maintenance Supervisor provided site access and accompanied Mr. Merdes.

Solid Waste Disposal

Solid waste generated at the facility is disposed of in a commercial dumpster and removed from the site by Greenville County Solid Waste Division and deposited at the Enoree Landfill in Greenville SC.

Sewage Discharge and Disposal

Sanitary discharges on the subject site are discharged into the municipal sanitary sewer system. The subject site area is serviced by City of Greenville

Surface Water Drainage

Surface water drainage from the Property is via sheet flow to open culverts along Pine Creek Court Drive Extension at the west boundary of the Property.

Source of Heating and Cooling

Electricity is used for heating & cooling, and HVAC equipment.

Wells and Cisterns

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

Wastewater

Domestic wastewater generated at the site is disposed via the sanitary sewer. No indications of industrial wastewater disposal or treatment facilities were observed during the onsite reconnaissance.

Additional Property Observations

No additional relevant general property characteristics were observed.

Potential Environmental Hazards

Hazardous Materials and Petroleum Products Used or Stored at the Property

No evidence of the use of hazardous materials or wastes was observed on the Property.

Labeled Containers and Drums

The on-site reconnaissance addressed containers, drums, aboveground storage tanks, and other storage units. No containers, drums, aboveground storage tanks or other storage units were observed during the Site reconnaissance.

Unlabeled Containers and Drums

No unlabeled containers or drums were observed during the Site reconnaissance

Disposal Locations of Regulated/ Hazardous Waste

No obvious indications of hazardous waste generation, storage or disposal were observed on the Property or were indicated during interviews

Evidence of Releases

No obvious indications of hazardous material or petroleum product releases, such as stained areas or stressed vegetation, was observed during the site reconnaissance or reported during interviews. Asphalt-paved parking areas exhibited normal surface staining due to use.

Polychlorinated Biphenyls (PCBs)

The on-site reconnaissance addressed indoor and outdoor transformers that may contain polychlorinated biphenyls (PCBs). Older transformers and other electrical equipment could contain polychlorinated biphenyls (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:

- Less than 50 parts per million (PPM) of PCBs – *"Non-PCB" transformer*
- 50 ppm-500 ppm – *"PCB-Contaminated" electrical equipment*
- Greater than 500 ppm – *"PCB" transformer*

LAC observed a pole mounted transformer and ten pad-mounted transformers. The pole unit is situated at the entrance to the site along Pine Creek Court Extension and the pad units are situated behind each building on the Property. The units were not labeled as to their PCB status; however, they are labeled to be owned and operated by Duke Power. No indication of staining, leaks or fire damage was observed on or around the bases of the units. LAC contacted Duke Power Customer Service who confirmed the Duke Power ownership and operational responsibility.

No other potential PCB-containing equipment (oil-filled switches, hoists, lifts, dock levelers, hydraulic elevators, etc) expected to contain PCBs was observed on the Property during LAC's reconnaissance

Asbestos-Containing Materials

Due to previous asbestos sampling results, additional ACM testing was not conducted for this update assessment.

Radon

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, Zone 1 being those areas with the average predicted indoor radon concentration in residential dwellings exceeding the EPA Action limit of 4.0 picoCuries per Liter (pCi/L). It is important to note that the EPA has found homes with elevated levels of radon in all three zones, and the 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 EPA Map of Radon Zones places the Property in Zone 1, where average predicted radon levels exceed 4.0 pCi/L.

Onsite sampling to determine the level of radon concentrations in the facility was conducted during the period August 17, 2006 to August 19, 2006. A total of three charcoal canisters were placed in the facility. The locations and analytical results are tabulated below. The laboratory report is presented in Appendix F. The canisters were placed by Robert S. Merdes during the site reconnaissance on August 17, 2006 and were collected by Clay Summer Maintenance Supervisor on August 19, 2006. The canisters were returned to Accustar Labs for radon analysis.

RADON SAMPLING RESULTS			
Sample No.	**Location**	**pCi/L**	**Remarks**
2026840	Unit C 41 - Bedroom	1.2	
2026842	Unit B 26 - Bedroom	0.8	
2026843	Unit A 9 - Bedroom	3.8	

The analytical data is included in the final report upon receipt. Note the data has not been certified because the canister tape was applied sideways. In the opinion of LAC the results are valid and no further assessment is required.

Lead-based Paint

Due to previous lead based paint screening results, the Client did not request a lead-based paint screening for this update assessment.

Lead in Drinking Water

The subject site is connected to the city water supply provided by the Greenville Water System. According to U.S. Environmental Protection Agency Safe Drinking Water System Report, the drinking water supplied to the site is within state and federal standards, including lead and copper.

Landfills

A review of the SWLF list indicated no landfills are located within one-half mile of the subject site. LAC observed no evidence of on-site land filling at the Property.

Pits, Sumps, Drywells, and Catch basins

No evidence of on-site pits, sumps, drywells or catch basins was observed or reported during the site reconnaissance. No evidence of sumps or catch basins, other than used for storm water removal, was observed or reported during the site reconnaissance**.**

On-Site ASTs and USTs

No aboveground or underground storage tanks are present on the subject property

Radiological Hazards

No radiological substances or equipment was stored on the subject site.

Interviews

Interviews were conducted with the following individuals. Findings from these interviews are discussed in the appropriate sections in this report.

Property

- Ms. Deborah Walker, Regional Manager Coldwater Management, 864.353-4307
- Mr. Clay Summer, Maintenance Supervisor Coldwater Management, 864.943-1054

Regulatory Officials

- Susan Dickerson, City of Greenville Zoning Department, 864.467-7425
- Fire Battalion Chief Smith, 864.297-0429
- Brenda James, Greenville County Codes Enforcement, Fax: 864.467-7222

VI. ENVIRONMENTAL ISSUES

On Site:

- No on-site environmental conditions were identified during the course of this assessment.

Off Site:

- No offsite environmental conditions were identified that were considered likely to impact the Property.

VII. RECOMMENDATIONS/ADDITIONAL INVESTIGATIONS

LAC recommends no further investigations be performed for the subject or surrounding properties at this time.

The environmental assessment update described herein was conducted under the supervision of the undersigned, of LAC. LAC's investigation was conducted in accordance with CharterMac Mortgage Capital's Scope of Work and is subject to the Limitations and Service Constraints provided as Exhibit D and the Terms and Conditions of our Professional Services Agreement.

Sincerely,

LANDAMERICA ASSESSMENT CORPORATION

Rick Levis
Client Manager

Attachments: Exhibit A – Site Photographs
Exhibit B - Regulatory Database Report
Exhibit C - Previous Phase I Report
Exhibit D – Record of Communication
Exhibit E – Other Pertinent Information

APPENDIX C: REGULATORY DATABASE REPORT

PARTNER

Highland Square Apartments
200 Pine Creek Court
Greenville, SC 29605

Inquiry Number: 4675585.2s
July 15, 2016

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

200 PINE CREEK COURT
GREENVILLE, SC 29605

COORDINATES

Latitude (North):	34.7906780 - 34˚ 47' 26.44''
Longitude (West):	82.3928350 - 82˚ 23' 34.20''
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	372571.3
UTM Y (Meters):	3850517.5
Elevation:	898 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	6063771 GREENVILLE, SC
Version Date:	2014
East Map:	6063787 MAULDIN, SC
Version Date:	2014

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150421
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
200 PINE CREEK COURT
GREENVILLE, SC 29605

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1		135 FEDEX WAY	EDR Hist Auto	Lower	552, 0.105, West
2	SOUTHSIDE HIGH SCHOO	100 BLASSINGAME RD	RCRA-CESQG, FINDS, ECHO	Lower	1111, 0.210, NNW
3	WILSON TRUCKING CORP	76 BRUCE RD	LUST, UST, Financial Assurance	Lower	1825, 0.346, WNW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ..... National Priority List
Proposed NPL ..... Proposed National Priority List Sites
NPL LIENS ..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ..... Federal Facility Site Information listing
SEMS ..... Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE ..... Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS ..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG ..... RCRA - Large Quantity Generators
RCRA-SQG ..... RCRA - Small Quantity Generators

Federal institutional controls / engineering controls registries

LUCIS ..... Land Use Control Information System
US ENG CONTROLS ..... Engineering Controls Sites List
US INST CONTROL ..... Sites with Institutional Controls

EXECUTIVE SUMMARY

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent CERCLIS

SHWS..... Site Assessment Section Project List

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Permitted Landfills List

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing
UST..... Comprehensive Underground Storage Tanks
AST..... Aboveground Storage Tank List
INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

RCR..... Registry of Conditional Remedies
AUL..... Land Use Controls

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing
VCP..... Voluntary Cleanup Sites

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY..... Solid Waste Recycling Facilities
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
ODI..... Open Dump Inventory

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register

EXECUTIVE SUMMARY

ALLSITES	Site Assessment & Remediation Public Record Database
CDL	Clandestine Drug Lab Sites
US CDL	National Clandestine Laboratory Register

Local Land Records

LIENS 2	CERCLA Lien Information

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
SPILLS	Spills Database List
SPILLS 90	SPILLS 90 data from FirstSearch
SPILLS 80	SPILLS 80 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated
FUDS	Formerly Used Defense Sites
DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
FINDS	Facility Index System/Facility Registry System
DOCKET HWC	Hazardous Waste Compliance Docket Listing
UXO	Unexploded Ordnance Sites
AIRS	Permitted Airs Facility Listing
COAL ASH	Coal Ash Disposal Sites
DRYCLEANERS	Drycleaner Database

EXECUTIVE SUMMARY

Financial Assurance..... Financial Assurance Information Listing
GWCI..... Groundwater Contamination Inventory
NPDES..... Waste Water Treatment Facilities Listing
UIC..... Underground Injection Wells Listing
ECHO..... Enforcement & Compliance History Information
FUELS PROGRAM..... EPA Fuels Program Registered Listing

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP..... EDR Proprietary Manufactured Gas Plants
EDR Hist Cleaner..... EDR Exclusive Historic Dry Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS..... Recovered Government Archive State Hazardous Waste Facilities List
RGA LF..... Recovered Government Archive Solid Waste Facilities List
RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

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

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 12/09/2015 has revealed that there is 1 RCRA-CESQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SOUTHSIDE HIGH SCHOO	***100 BLASSINGAME RD***	***NNW 1/8 - 1/4 (0.210 mi.)***	***2***	***8***

EXECUTIVE SUMMARY

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Health & Environmental Control's Leaking UST list.

A review of the LUST list, as provided by EDR, and dated 03/14/2016 has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
WILSON TRUCKING CORP No Action Required: 07/08/1998 Substance: PETRO Facility Id: 04273	***76 BRUCE RD***	***WNW 1/4 - 1/2 (0.346 mi.)***	***3***	***10***

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there is 1 EDR Hist Auto site within approximately 0.125 miles of the target property.

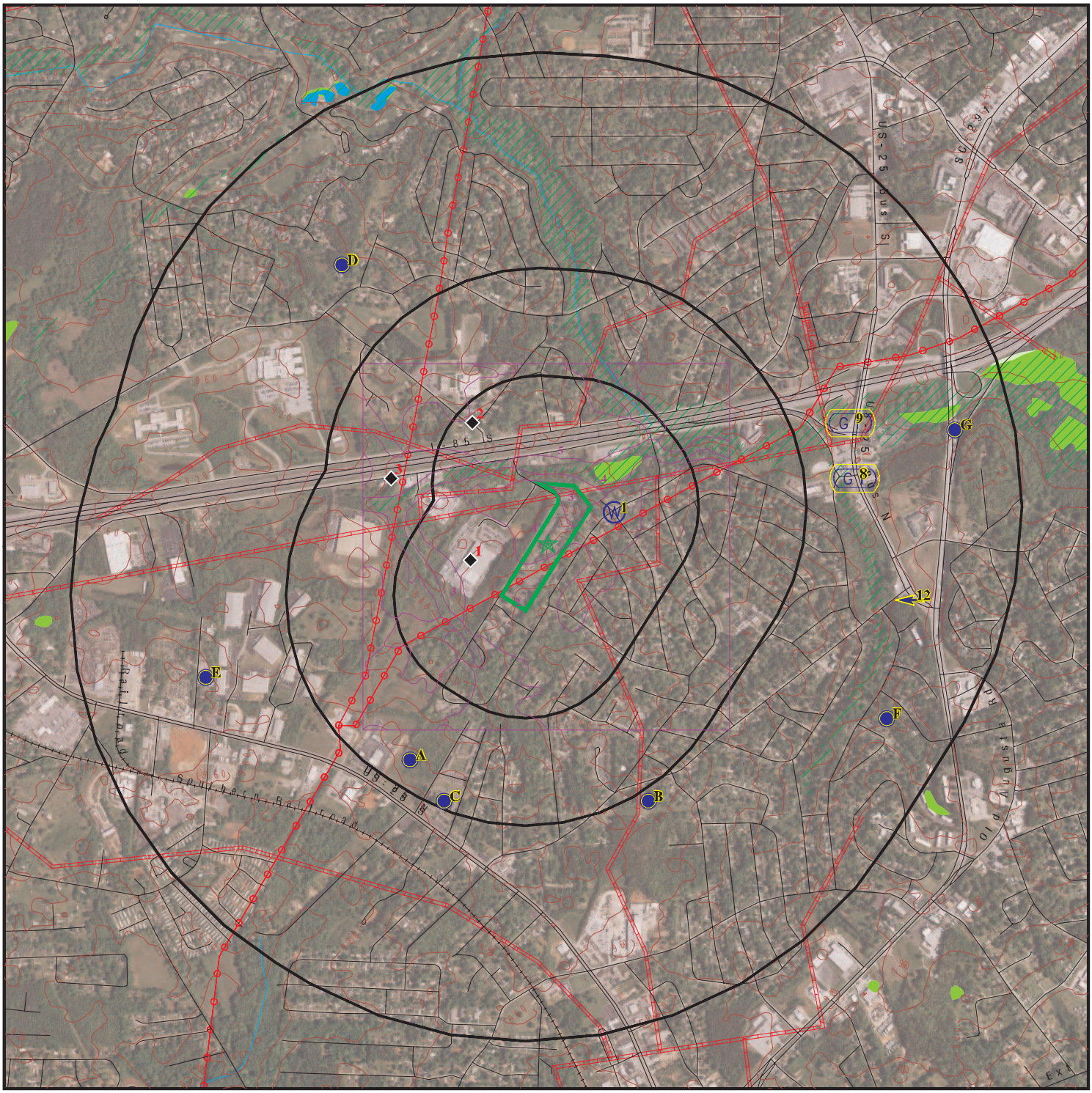
Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	135 FEDEX WAY	W 0 - 1/8 (0.105 mi.)	1	8

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

Site Name	Database(s)
	CDL

OVERVIEW MAP - 4675585.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites

0 1/4 1/2 1 Miles

- Indian Reservations BIA
- Power transmission lines
- Pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Highland Square Apartments	CLIENT: Partner Engineering and Science, Inc.
ADDRESS: 200 Pine Creek Court Greenville SC 29605	CONTACT: Juan Gutierrez
	INQUIRY #: 4675585.2s
LAT/LONG: 34.790678 / 82.392835	DATE: July 15, 2016 7:17 pm

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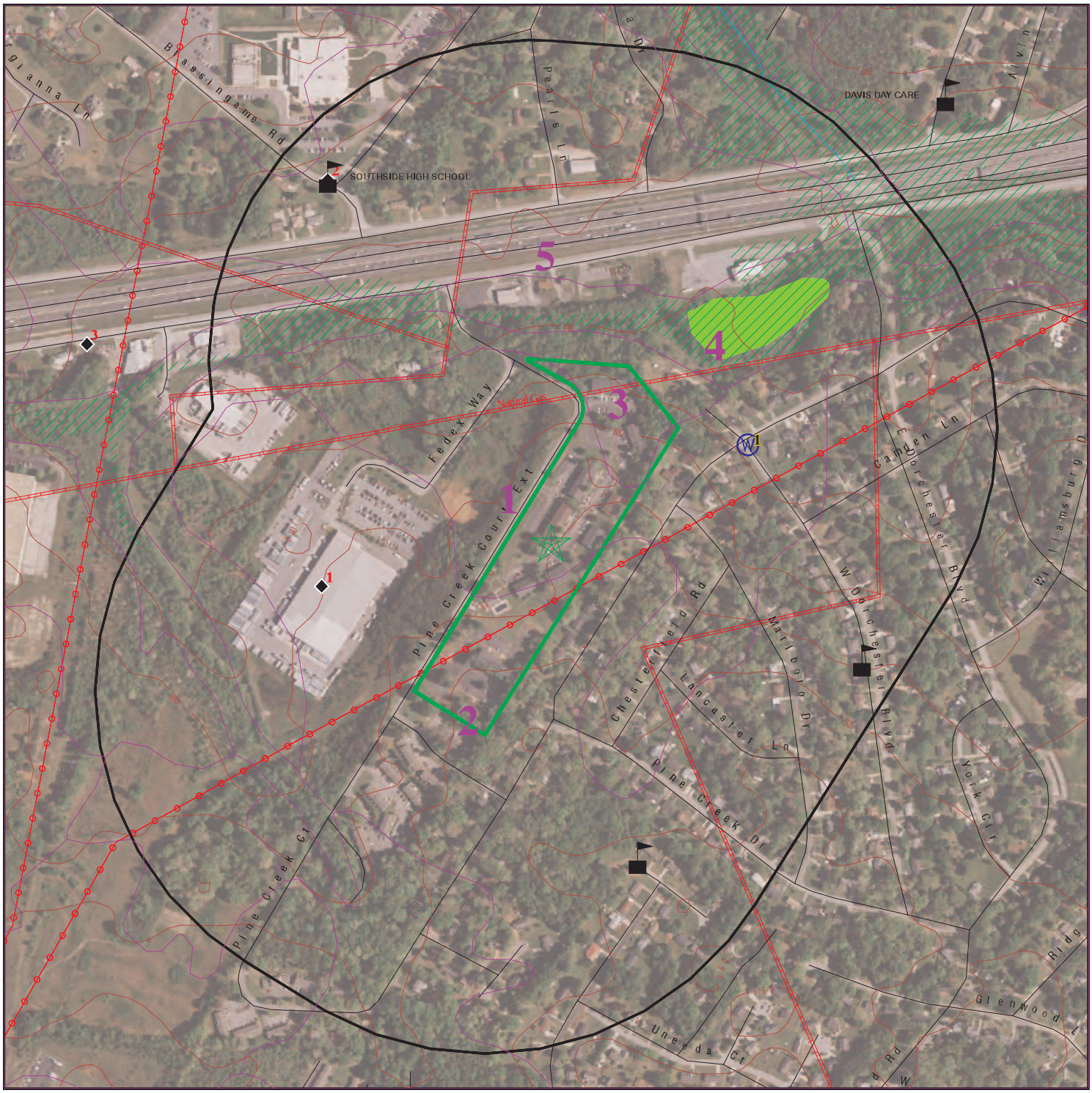
DETAIL MAP - 4675585.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Power transmission lines

Pipelines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Highland Square Apartments	CLIENT:	Partner Engineering and Science, Inc.
ADDRESS:	200 Pine Creek Court Greenville SC 29605	CONTACT:	Juan Gutierrez
		INQUIRY #:	4675585.2s
LAT/LONG:	34.790678 / 82.392835	DATE:	July 15, 2016 7:17 pm

Copyright © 2016 EDR, Inc. © 2015 TomTom Rel. 2015.

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	1	NR	NR	NR	1
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
SHWS	1.000		0	0	0	0	NR	0
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		0	0	1	NR	NR	1
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
RCR	0.500		0	0	0	NR	NR	0
AUL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
ALLSITES	0.500		0	0	0	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
SPILLS 80	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
GWCI	0.500		0	0	0	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		1	NR	NR	NR	NR	1
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA HWS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		0	1	1	1	0	0	3

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

1
West
< 1/8
0.105 mi.
552 ft.

135 FEDEX WAY
GREENVILLE, SC 29605

EDR Hist Auto **1015212113**
N/A

Relative:
Lower

Actual:
879 ft.

EDR Historical Auto Stations:

Name:	GEORGES TRUCK REPAIR
Year:	2010
Address:	135 FEDEX WAY

2
NNW
1/8-1/4
0.210 mi.
1111 ft.

SOUTHSIDE HIGH SCHOOL
100 BLASSINGAME RD
GREENVILLE, SC 29605

RCRA-CESQG **1004780297**
FINDS **SCD982149346**
ECHO

Relative:
Lower

Actual:
853 ft.

RCRA-CESQG:

Date form received by agency:	03/27/2002
Facility name:	SOUTHSIDE HIGH SCHOOL
Facility address:	100 BLASSINGAME RD GREENVILLE, SC 29605
EPA ID:	SCD982149346
Mailing address:	BLASSINGAME RD GREENVILLE, SC 29605
Contact:	HELLEN REEVES
Contact address:	BLASSINGAME RD GREENVILLE, SC 29605
Contact country:	US
Contact telephone:	(803) 277-6135
Contact email:	Not reported
EPA Region:	04
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	GRNVILLE COUNTY
Owner/operator address:	100 BLASSINGAME RD. GREENVILLE, SC 29605
Owner/operator country:	Not reported
Owner/operator telephone:	(999) 999-9999
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

SOUTHSIDE HIGH SCHOOL (Continued) **1004780297**

Owner/operator name: OPERNAME
Owner/operator address: OPERSTREET
OPERCITY, WY 99999
Owner/operator country: Not reported
Owner/operator telephone: (404) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

Historical Generators:
Date form received by agency: 07/27/1989
Site name: SOUTHSIDE HIGH SCHOOL
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002248835

Environmental Interest/Information System
SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

RCRAInfo is a national information system that supports the Resource

SOUTHSIDE HIGH SCHOOL (Continued) **1004780297**

Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:

Envid:	1004780297
Registry ID:	110002248835
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110002248835

---

3 WNW 1/4-1/2 0.346 mi. 1825 ft. | **WILSON TRUCKING CORPORATION** | **LUST** | **U001920869**
76 BRUCE RD | **UST** | **N/A**
GREENVILLE, SC | **Financial Assurance**

Relative: Lower

Actual: 856 ft.

LUST:

Release Number:	1
Facility ID:	04273
Release Status Number:	5
Substance:	PETRO
Tank Owner Company Name:	WILSON TRUCKING CORP
Tank Owner Last Name:	WILSON TRUCKING CORP
Tank Owner First name:	Not reported
NFA Date:	07/08/1998
Tank Owner City:	FISHERSVILLE
Confirmed Date:	02/13/1995
Release Date:	01/31/1992
EID:	1718637
Local Facility District:	Greenville EQC Office
SCRBCA Class Number:	5B
Release Fin Type Code:	WS
Qualified:	Y
Release Source:	UST
Local Fac Last Name:	WILSON TRUCKING CORPORATION
Local Fac First Name:	Not reported
User Name:	LONGKH
Cleanup Initiated Date:	06/30/1998
Prefix:	P
Total Score:	1

LUST:

Release Date:	01/31/1992
Cleanup Complete Date:	07/08/1998
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Release Number:	1
Confirmed date:	02/13/1995
RP Name:	WILSON TRUCKING CORP
RP Address:	PO BOX 200
RP City:	FISHERSVILLE
RP State:	VA
RP Zip:	22939-0200
SCRBCA Class Code:	CLASS5B
Project Manager:	LONG, KRISTEN H
Release Fin Type Code:	WS

WILSON TRUCKING CORPORATION (Continued) **U001920869**

UST:

Facility ID:	4273
Owner:	WILSON TRUCKING CORP
Owner Contact:	WILSON TRUCKING CORP
Owner Address:	PO BOX 200
Owner City,St,Zip:	FISHERSVILLE, VA 22939-0200
Owner Phone:	540-949-3200
Contact:	WILSON TRUCKING CORPORATION
Local Facility EID:	9218811
Tank Owner EID:	1311779
EID:	1409531
UST Facility EID:	1350150
CF Owner:	4273

Tank ID:	1
Status:	**Abandoned**
Capacity:	12000
Product:	Diesel
Calcage:	10

Tank ID:	2
Status:	**Abandoned**
Capacity:	10000
Product:	Gasoline
Calcage:	10

Tank ID:	3
Status:	**Abandoned**
Capacity:	1000
Product:	Waste Oil
Calcage:	10

Tank ID:	4
Status:	**Abandoned**
Capacity:	12000
Product:	Diesel
Calcage:	Not reported

Tank ID:	5
Status:	**Currently in use**
Capacity:	12000
Product:	Diesel
Calcage:	0

SC Financial Assurance 3:

Owner Name:	WILSON TRUCKING CORP
Owner Address:	PO BOX 200
Owner City:	FISHERSVILLE
Owner State:	VA
Owner Zip:	22939-0200
Mechanism:	Self Insurance 280.101
Date Expired:	05/01/15

WILSON TRUCKING CORPORATION (Continued) **U001920869**

Bill: 1
RNU: 0
Rel Number: N

Count: 1 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
GREENVILLE COUNTY	S116230081		11 PINE COURT MARIETTA, SC 296		CDL

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 03/07/2016
Date Data Arrived at EDR: 04/05/2016
Date Made Active in Reports: 04/15/2016
Number of Days to Update: 10

Source: EPA
Telephone: N/A
Last EDR Contact: 07/07/2016
Next Scheduled EDR Contact: 10/17/2016
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 03/07/2016
Date Data Arrived at EDR: 04/05/2016
Date Made Active in Reports: 04/15/2016
Number of Days to Update: 10

Source: EPA
Telephone: N/A
Last EDR Contact: 07/07/2016
Next Scheduled EDR Contact: 10/17/2016
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: N/A
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 07/07/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 10/17/2016
	Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/13/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/06/2016	Telephone: 703-603-8704
Date Made Active in Reports: 05/20/2016	Last EDR Contact: 07/06/2016
Number of Days to Update: 135	Next Scheduled EDR Contact: 10/17/2016
	Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: 800-424-9346
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 04/05/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 08/01/2016
	Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates 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 the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The 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 potential NPL site.

Date of Government Version: 03/07/2016
Date Data Arrived at EDR: 04/05/2016
Date Made Active in Reports: 04/15/2016
Number of Days to Update: 10

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 04/05/2016
Next Scheduled EDR Contact: 08/01/2016
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/09/2015
Date Data Arrived at EDR: 03/02/2016
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 34

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/30/2016
Next Scheduled EDR Contact: 10/10/2016
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 12/09/2015
Date Data Arrived at EDR: 03/02/2016
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 06/30/2016
Next Scheduled EDR Contact: 10/17/2016
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/09/2015
Date Data Arrived at EDR: 03/02/2016
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 06/30/2016
Next Scheduled EDR Contact: 10/17/2016
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 12/09/2015
Date Data Arrived at EDR: 03/02/2016
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 06/30/2016
Next Scheduled EDR Contact: 10/17/2016
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/09/2015
Date Data Arrived at EDR: 03/02/2016
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 06/30/2016
Next Scheduled EDR Contact: 10/17/2016
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/28/2015
Date Data Arrived at EDR: 05/29/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 13

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/16/2016
Next Scheduled EDR Contact: 08/29/2016
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 09/10/2015
Date Data Arrived at EDR: 09/11/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 53

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/25/2016
Next Scheduled EDR Contact: 09/12/2016
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 09/10/2015
Date Data Arrived at EDR: 09/11/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 53

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/25/2016
Next Scheduled EDR Contact: 09/12/2016
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/28/2016
Date Data Arrived at EDR: 03/30/2016
Date Made Active in Reports: 05/20/2016
Number of Days to Update: 51

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/28/2016
Next Scheduled EDR Contact: 10/10/2016
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Site Assessment Section Project List

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 04/18/2016
Date Data Arrived at EDR: 05/03/2016
Date Made Active in Reports: 07/12/2016
Number of Days to Update: 70

Source: Department of Health and Environmental Control
Telephone: 803-734-5376
Last EDR Contact: 06/13/2016
Next Scheduled EDR Contact: 09/26/2016
Data Release Frequency: Annually

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Permitted Landfills List

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

Date of Government Version: 03/15/2016
Date Data Arrived at EDR: 03/16/2016
Date Made Active in Reports: 05/05/2016
Number of Days to Update: 50

Source: Department of Health and Environmental Control
Telephone: 803-734-5165
Source: Department of Health and Environmental Control, GIS Section
Telephone: 803-896-4084
Last EDR Contact: 06/13/2016
Next Scheduled EDR Contact: 09/26/2016
Data Release Frequency: Varies

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank List

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 03/14/2016
Date Data Arrived at EDR: 03/15/2016
Date Made Active in Reports: 07/12/2016
Number of Days to Update: 119

Source: Department of Health and Environmental Control
Telephone: 803-898-4350
Last EDR Contact: 04/25/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Quarterly

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 02/17/2016
Date Data Arrived at EDR: 04/27/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 37

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 04/27/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 12/11/2015
Date Data Arrived at EDR: 02/19/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 105

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 04/29/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 01/07/2016
Date Data Arrived at EDR: 01/08/2016
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 41

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/29/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 02/25/2016
Date Data Arrived at EDR: 04/27/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 04/27/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/13/2015
Date Data Arrived at EDR: 10/23/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 118

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 04/27/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/09/2015
Date Data Arrived at EDR: 02/12/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 112

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/29/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 02/05/2016
Date Data Arrived at EDR: 04/29/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 35

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/26/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/27/2015
Date Data Arrived at EDR: 10/29/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 67

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/29/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Varies

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 07/07/2016
Next Scheduled EDR Contact: 10/24/2016
Data Release Frequency: Varies

UST: Comprehensive Underground Storage Tanks
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 05/20/2016
Date Data Arrived at EDR: 06/02/2016
Date Made Active in Reports: 07/12/2016
Number of Days to Update: 40

Source: Department of Health and Environmental Control
Telephone: 803-896-7957
Last EDR Contact: 04/25/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Quarterly

AST: Aboveground Storage Tank List
Registered Aboveground Storage Tanks.

Date of Government Version: 03/25/2004
Date Data Arrived at EDR: 08/04/2004
Date Made Active in Reports: 09/23/2004
Number of Days to Update: 50

Source: Department of Health and Environmental Control
Telephone: 803-898-4350
Last EDR Contact: 05/27/2016
Next Scheduled EDR Contact: 09/12/2016
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 02/25/2016
Date Data Arrived at EDR: 04/27/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 37

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 04/27/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 01/07/2016
Date Data Arrived at EDR: 01/08/2016
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 41

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/29/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 01/26/2016
Date Data Arrived at EDR: 02/05/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 119

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/29/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/23/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 65

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/29/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 12/03/2015
Date Data Arrived at EDR: 02/04/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 120

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 04/29/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 11/05/2015
Date Data Arrived at EDR: 11/13/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 52

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/27/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 02/05/2016
Date Data Arrived at EDR: 04/29/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 35

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/26/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/20/2015
Date Data Arrived at EDR: 10/29/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 67

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/29/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

RCR: Registry of Conditional Remedies

The Bureau of Land and Waste Management established this Registry to help monitor and maintain sites that have conditional remedies. 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.

Date of Government Version: 09/19/2012
Date Data Arrived at EDR: 09/20/2012
Date Made Active in Reports: 10/22/2012
Number of Days to Update: 32

Source: Department of Health & Environmental Control
Telephone: 803-896-4000
Last EDR Contact: 06/13/2016
Next Scheduled EDR Contact: 09/26/2016
Data Release Frequency: Varies

AUL: Land Use Controls

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

Date of Government Version: 03/15/2016
Date Data Arrived at EDR: 03/17/2016
Date Made Active in Reports: 05/05/2016
Number of Days to Update: 49

Source: Department of Health & Environmental Control
Telephone: 803-896-4049
Last EDR Contact: 06/15/2016
Next Scheduled EDR Contact: 09/26/2016
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Sites

Sites participating in the Voluntary Cleanup Program. Once staff and a non-responsible party have agreed upon an approved scope of work for a site investigation and/or remediation, the party enters into a voluntary cleanup contract. Staff oversees the cleanup efforts to ensure that activities are performed to our satisfaction. Upon completion of the negotiated work in the voluntary cleanup contract, the non-responsible party receives State Superfund liability protection.

Date of Government Version: 02/26/2016
Date Data Arrived at EDR: 03/16/2016
Date Made Active in Reports: 06/01/2016
Number of Days to Update: 77

Source: Department of Health and Environmental Control
Telephone: 803-896-4049
Last EDR Contact: 06/13/2016
Next Scheduled EDR Contact: 09/26/2016
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 07/01/2016
Next Scheduled EDR Contact: 10/10/2016
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Sites Listing

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

Date of Government Version: 02/26/2016
Date Data Arrived at EDR: 03/16/2016
Date Made Active in Reports: 06/01/2016
Number of Days to Update: 77

Source: Department of Health & Environmental Control
Telephone: 803-896-4069
Last EDR Contact: 06/13/2016
Next Scheduled EDR Contact: 09/26/2016
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
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 takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 03/21/2016
Date Data Arrived at EDR: 03/22/2016
Date Made Active in Reports: 07/13/2016
Number of Days to Update: 113

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/22/2016
Next Scheduled EDR Contact: 10/03/2016
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Solid Waste Recycling Facilities
A listing of recycling center locations.

Date of Government Version: 01/27/2016
Date Data Arrived at EDR: 03/04/2016
Date Made Active in Reports: 04/01/2016
Number of Days to Update: 28

Source: Department of Health & Enviornmental Control
Telephone: 803-896-8985
Last EDR Contact: 05/31/2016
Next Scheduled EDR Contact: 09/12/2016
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 04/27/2016
Next Scheduled EDR Contact: 08/15/2016
Data Release Frequency: Varies

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/21/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: No Update Planned

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 05/04/2016
Date Data Arrived at EDR: 06/03/2016
Date Made Active in Reports: 07/13/2016
Number of Days to Update: 40

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/31/2016
Next Scheduled EDR Contact: 06/13/2016
Data Release Frequency: No Update Planned

ALLSITES: Site Assessment & Remediation Public Record Database

The South Carolina Department of Health and Environmental Control is pleased to have the Public Record for your review. The purpose of this database is two-fold. First, it will provide to communities another form of notice of cleanup activity, allowing them to have more information about assessment and cleanup activities in their area and in the State. Second, it can assist those seeking to redevelop brownfield properties within South Carolina.

Date of Government Version: 03/15/2016
Date Data Arrived at EDR: 03/17/2016
Date Made Active in Reports: 05/05/2016
Number of Days to Update: 49

Source: Department of Health & Environmental Control
Telephone: 803-896-4000
Last EDR Contact: 06/15/2016
Next Scheduled EDR Contact: 09/26/2016
Data Release Frequency: Quarterly

CDL 2: Clandestine Drug Lab Listing

A listing of clandestine drug lab site locations.

Date of Government Version: 01/31/2016
Date Data Arrived at EDR: 03/07/2016
Date Made Active in Reports: 05/05/2016
Number of Days to Update: 59

Source: South Carolina Law Enforcement Division
Telephone: 803-896-7136
Last EDR Contact: 05/31/2016
Next Scheduled EDR Contact: 09/12/2016
Data Release Frequency: Varies

CDL: Clandestine Drug Lab Sites

A listing of clandestine drug lab site locations.

Date of Government Version: 01/24/2012
Date Data Arrived at EDR: 01/26/2012
Date Made Active in Reports: 02/24/2012
Number of Days to Update: 29

Source: Department of Health & Environmental Control
Telephone: 803-896-4288
Last EDR Contact: 06/06/2016
Next Scheduled EDR Contact: 09/19/2016
Data Release Frequency: Varies

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site 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. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/04/2016
Date Data Arrived at EDR: 06/03/2016
Date Made Active in Reports: 07/13/2016
Number of Days to Update: 40

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/31/2016
Next Scheduled EDR Contact: 09/12/2016
Data Release Frequency: Quarterly

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 04/26/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 06/24/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 68

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/28/2016
Next Scheduled EDR Contact: 10/10/2016
Data Release Frequency: Annually

SPILLS: Spill List

Spills and releases of petroleum and hazardous chemicals reported to the Oil & Chemical Emergency Response division.

Date of Government Version: 02/11/2016
Date Data Arrived at EDR: 02/24/2016
Date Made Active in Reports: 04/01/2016
Number of Days to Update: 37

Source: Department of Health and Environmental Control
Telephone: 803-898-4111
Last EDR Contact: 05/31/2016
Next Scheduled EDR Contact: 09/12/2016
Data Release Frequency: Varies

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 10/25/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/07/2013
Number of Days to Update: 63

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 03/26/2001
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/07/2013
Number of Days to Update: 63

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 12/09/2015
Date Data Arrived at EDR: 03/02/2016
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 06/30/2016
Next Scheduled EDR Contact: 10/17/2016
Data Release Frequency: Varies

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 06/10/2016
Next Scheduled EDR Contact: 09/19/2016
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/15/2016
Next Scheduled EDR Contact: 07/25/2016
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/15/2016
Next Scheduled EDR Contact: 07/25/2016
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/20/2016
Next Scheduled EDR Contact: 08/29/2016
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 09/01/2015
Date Data Arrived at EDR: 09/03/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 05/18/2016
Next Scheduled EDR Contact: 08/29/2016
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 05/09/2016
Next Scheduled EDR Contact: 08/22/2016
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/12/2016
Next Scheduled EDR Contact: 08/22/2016
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 14

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/24/2016
Next Scheduled EDR Contact: 10/03/2016
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 11/24/2015
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 133

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/24/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/25/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 06/07/2016
Next Scheduled EDR Contact: 09/19/2016
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 08/01/2015
Date Data Arrived at EDR: 08/26/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 69

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/25/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 05/12/2016
Next Scheduled EDR Contact: 08/22/2016
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 10/15/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 33

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/12/2016
Next Scheduled EDR Contact: 07/25/2016
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 01/23/2015
Date Data Arrived at EDR: 02/06/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 07/07/2016
Next Scheduled EDR Contact: 10/24/2016
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 05/20/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 05/20/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Quarterly

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

Date of Government Version: 03/07/2016
Date Data Arrived at EDR: 03/18/2016
Date Made Active in Reports: 04/15/2016
Number of Days to Update: 28

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 05/06/2016
Next Scheduled EDR Contact: 08/22/2016
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 06/09/2016
Next Scheduled EDR Contact: 09/19/2016
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/10/2016
Next Scheduled EDR Contact: 09/19/2016
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 04/26/2016
Next Scheduled EDR Contact: 08/08/2016
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/07/2015
Date Data Arrived at EDR: 07/09/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 69

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/07/2016
Next Scheduled EDR Contact: 10/17/2016
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 05/04/2016
Next Scheduled EDR Contact: 08/15/2016
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/02/2015
Number of Days to Update: 46

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/24/2016
Next Scheduled EDR Contact: 07/11/2016
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 09/30/2015
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 05/27/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/15/2016
Next Scheduled EDR Contact: 07/25/2016
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/11/2016
Date Data Arrived at EDR: 03/15/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 80

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 05/09/2016
Next Scheduled EDR Contact: 08/22/2016
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/23/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 11/25/2014
Date Data Arrived at EDR: 11/26/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 07/08/2016
Next Scheduled EDR Contact: 10/17/2016
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/20/2015
Date Data Arrived at EDR: 10/27/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 69

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 06/22/2016
Next Scheduled EDR Contact: 10/10/2016
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/20/2015
Date Data Arrived at EDR: 10/27/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 69

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 06/22/2016
Next Scheduled EDR Contact: 10/10/2016
Data Release Frequency: Annually

US MINES: Mines Master Index File

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

Date of Government Version: 02/09/2016
Date Data Arrived at EDR: 03/02/2016
Date Made Active in Reports: 04/15/2016
Number of Days to Update: 44

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 06/02/2016
Next Scheduled EDR Contact: 09/12/2016
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 06/03/2016
Next Scheduled EDR Contact: 09/12/2016
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 06/03/2016
Next Scheduled EDR Contact: 09/12/2016
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 07/20/2015
Date Data Arrived at EDR: 09/09/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 55

Source: EPA
Telephone: (404) 562-9900
Last EDR Contact: 06/08/2016
Next Scheduled EDR Contact: 09/19/2016
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 03/01/2016
Date Data Arrived at EDR: 03/03/2016
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 05/25/2016
Next Scheduled EDR Contact: 09/12/2016
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2015
Date Data Arrived at EDR: 01/29/2016
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 67

Source: Department of Defense
Telephone: 571-373-0407
Last EDR Contact: 06/20/2016
Next Scheduled EDR Contact: 10/03/2016
Data Release Frequency: Varies

AIRS: Permiited Airs Facility Listing

A listing of permitted airs facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 06/07/2016
Date Made Active in Reports: 07/12/2016
Number of Days to Update: 35

Source: Department of Health & Environmental Control
Telephone: 803-898-4279
Last EDR Contact: 05/31/2016
Next Scheduled EDR Contact: 09/12/2016
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites

A listing of sites with coal ash ponds.

Date of Government Version: 01/20/2016
Date Data Arrived at EDR: 01/29/2016
Date Made Active in Reports: 04/01/2016
Number of Days to Update: 63

Source: Department of Health & Environmental Control
Telephone: 803-898-3964
Last EDR Contact: 06/20/2016
Next Scheduled EDR Contact: 10/03/2016
Data Release Frequency: Varies

DRYCLEANERS: Drycleaner Database

The Drycleaning Facility Restoration Trust Fund database is used to access, prioritze and cleanup contaminated registered drycleaning sites.

Date of Government Version: 01/01/2016
Date Data Arrived at EDR: 02/03/2016
Date Made Active in Reports: 04/01/2016
Number of Days to Update: 58

Source: Department of Health & Environmental Control
Telephone: 803-898-3882
Last EDR Contact: 05/06/2016
Next Scheduled EDR Contact: 08/15/2016
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Financial Assurance 1: Financial Assurance Information Listing
Financial assurance information for aolid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 03/19/2015
Date Data Arrived at EDR: 03/24/2015
Date Made Active in Reports: 04/07/2015
Number of Days to Update: 14

Source: Department of Health & Environmental Control
Telephone: 803-896-4067
Last EDR Contact: 06/13/2016
Next Scheduled EDR Contact: 09/26/2016
Data Release Frequency: Quarterly

Financial Assurance 2: Financial Assurance Information Listing
Hazardous waste financial assurance information.

Date of Government Version: 05/02/2016
Date Data Arrived at EDR: 05/13/2016
Date Made Active in Reports: 07/12/2016
Number of Days to Update: 60

Source: Department of Health & Environmental Control
Telephone: 803-898-3880
Last EDR Contact: 06/13/2016
Next Scheduled EDR Contact: 09/26/2016
Data Release Frequency: Varies

Financial Assurance 3: Financial Assurance Information Listing
UST financial assurance information.

Date of Government Version: 03/05/2015
Date Data Arrived at EDR: 03/06/2015
Date Made Active in Reports: 03/17/2015
Number of Days to Update: 11

Source: Department of Health & Environmental Control
Telephone: 803-898-3880
Last EDR Contact: 05/31/2016
Next Scheduled EDR Contact: 09/12/2016
Data Release Frequency: Varies

GWCI: Groundwater Contamination Inventory
An inventory of all groundwater contamination cases in the state.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 11/06/2008
Date Made Active in Reports: 11/19/2008
Number of Days to Update: 13

Source: Department of Health and Environmental Control
Telephone: 803-898-3798
Last EDR Contact: 06/27/2016
Next Scheduled EDR Contact: 10/10/2016
Data Release Frequency: Annually

NPDES: Waste Water Treatment Facilities Listing
A listing of waste water treatment facility locations.

Date of Government Version: 08/28/2015
Date Data Arrived at EDR: 09/03/2015
Date Made Active in Reports: 11/11/2015
Number of Days to Update: 69

Source: Department of Health & Environmental Control
Telephone: 803-898-4300
Last EDR Contact: 06/20/2016
Next Scheduled EDR Contact: 10/03/2016
Data Release Frequency: Varies

UIC: Underground Injection Wells Listing
A listing of underground injection wells locations.

Date of Government Version: 05/11/2016
Date Data Arrived at EDR: 05/17/2016
Date Made Active in Reports: 07/12/2016
Number of Days to Update: 56

Source: Department of Health & Environmental Control
Telephone: 803-898-3799
Last EDR Contact: 05/09/2016
Next Scheduled EDR Contact: 08/22/2016
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information
ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/20/2015
Date Data Arrived at EDR: 09/23/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 103

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 06/22/2016
Next Scheduled EDR Contact: 10/03/2016
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 05/24/2016
Date Data Arrived at EDR: 05/25/2016
Date Made Active in Reports: 07/13/2016
Number of Days to Update: 49

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/25/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Health and Environmental Control in South Carolina.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/03/2014
Number of Days to Update: 186

Source: Department of Health and Environmental Control
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Health and Environmental Control in South Carolina.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/15/2014
Number of Days to Update: 198

Source: Department of Health and Environmental Control
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Health and Environmental Control in South Carolina.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/03/2014
Number of Days to Update: 186

Source: Department of Health and Environmental Control
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/13/2016
Next Scheduled EDR Contact: 08/29/2016
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/17/2015
Date Made Active in Reports: 08/12/2015
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/11/2016
Next Scheduled EDR Contact: 10/24/2016
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 05/01/2016
Date Data Arrived at EDR: 05/06/2016
Date Made Active in Reports: 06/17/2016
Number of Days to Update: 42

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/06/2016
Next Scheduled EDR Contact: 08/15/2016
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/24/2015
Date Made Active in Reports: 08/18/2015
Number of Days to Update: 25

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/18/2016
Next Scheduled EDR Contact: 08/01/2016
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 06/06/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 04/14/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 50

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/13/2016
Next Scheduled EDR Contact: 09/26/2016
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: PennWell Corporation
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

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

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Child Day Care List
Source: Department of Social Services
Telephone: 803-898-7345

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory
Source: Department of Natural Resources
Telephone: 803-734-9494

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

HIGHLAND SQUARE APARTMENTS
200 PINE CREEK COURT
GREENVILLE, SC 29605

TARGET PROPERTY COORDINATES

Latitude (North):	34.790678 - 34˚ 47’ 26.44’’
Longitude (West):	82.392835 - 82˚ 23’ 34.21’’
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	372571.3
UTM Y (Meters):	3850517.5
Elevation:	898 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	6063771 GREENVILLE, SC
Version Date:	2014
East Map:	6063787 MAULDIN, SC
Version Date:	2014

EDR’s GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

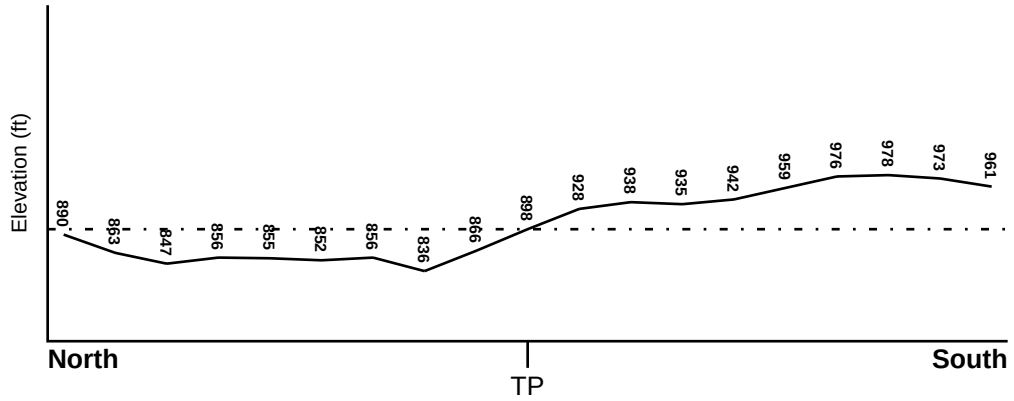
TOPOGRAPHIC INFORMATION

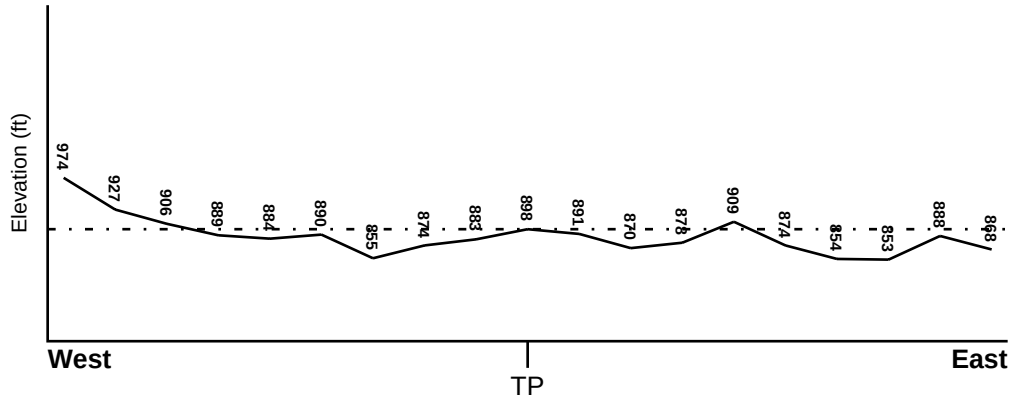
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General North

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 898 ft.

0 1/2 1 Miles

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
GREENVILLE, SC	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 45045C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
GREENVILLE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
8	1/2 - 1 Mile ENE	Not Reported
9	1/2 - 1 Mile ENE	Not Reported
12	1/2 - 1 Mile East	W

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

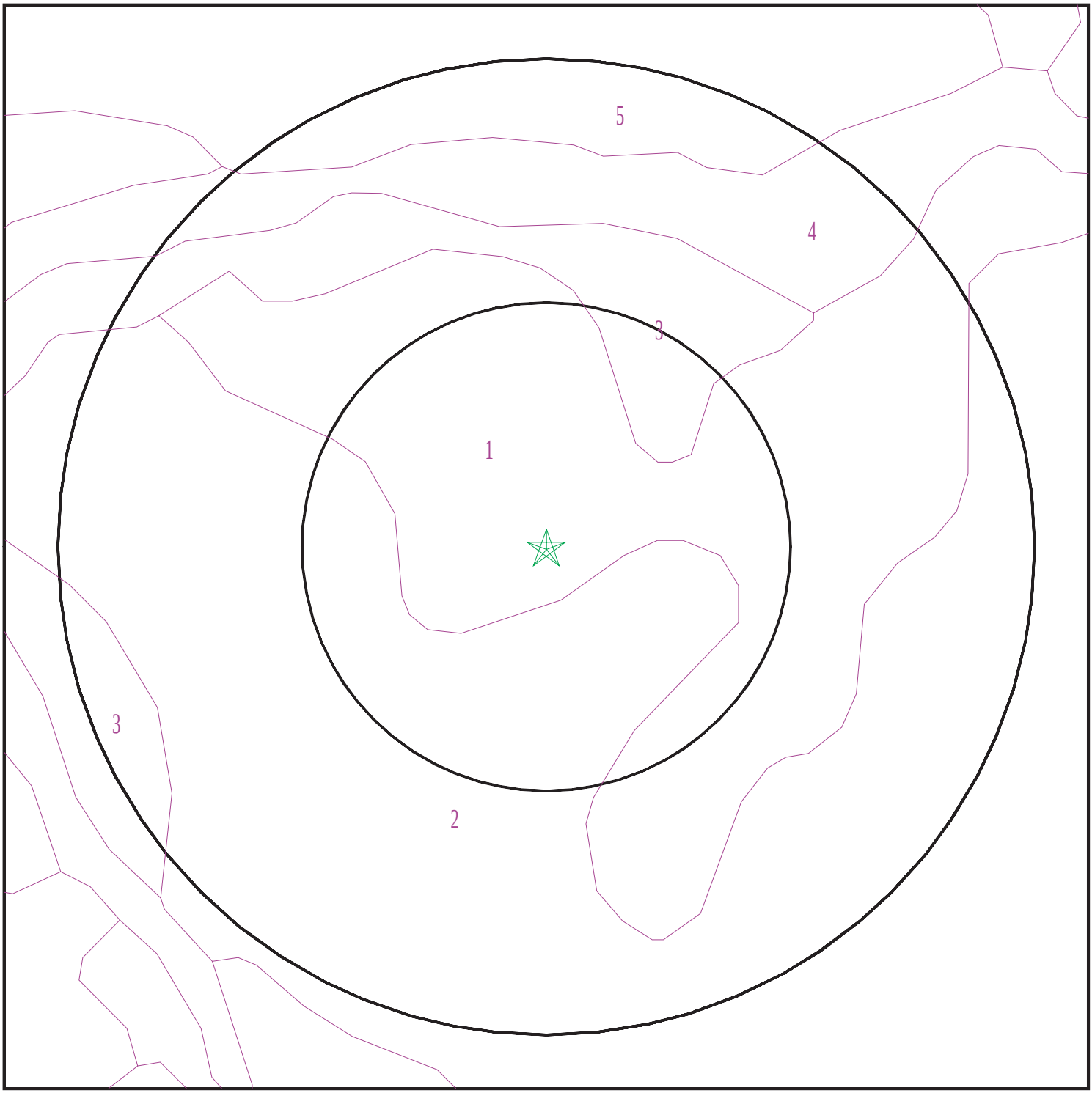
Era:	Paleozoic
System:	Pennsylvanian
Series:	Felsic paragneiss and schist
Code:	mm1 *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Metamorphic Rocks

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 4675585.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME: Highland Square Apartments ADDRESS: 200 Pine Creek Court Greenville SC 29605 LAT/LONG: 34.790678 / 82.392835	CLIENT: Partner Engineering and Science, Inc. CONTACT: Juan Gutierrez INQUIRY #: 4675585.2s DATE: July 15, 2016 7:18 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: CECIL

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	sandy loam	Not reported	Not reported	Max: 42 Min: 14	Max: 6 Min: 4.5
2	5 inches	9 inches	sandy clay loam	Not reported	Not reported	Max: 14 Min: 4	Max: 5.5 Min: 4.5
3	9 inches	46 inches	clay	Not reported	Not reported	Max: 14 Min: 4	Max: 5.5 Min: 4.5
4	46 inches	70 inches		Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 2

Soil Component Name: URBAN LAND

Soil Surface Texture:
Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	59 inches		Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 3

Soil Component Name: PACOLET

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	sandy loam	Not reported	Not reported	Max: 42 Min: 14	Max: 6.5 Min: 4.5
2	7 inches	22 inches	clay	Not reported	Not reported	Max: 14 Min: 4	Max: 6 Min: 4.5
3	22 inches	33 inches	sandy loam	Not reported	Not reported	Max: 14 Min: 4	Max: 6 Min: 4.5

Soil Map ID: 4

Soil Component Name: WEHADKEE

Soil Surface Texture: silt loam

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

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	silt loam	Not reported	Not reported	Max: 14 Min: 4	Max: 6.5 Min: 4.5
2	5 inches	40 inches	silty clay loam	Not reported	Not reported	Max: 14 Min: 4	Max: 6.5 Min: 4.5
3	40 inches	51 inches	sandy loam	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 5

Soil Component Name: CECIL

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	sandy loam	Not reported	Not reported	Max: 42 Min: 14	Max: 6 Min: 4.5
2	5 inches	9 inches	sandy clay loam	Not reported	Not reported	Max: 14 Min: 4	Max: 5.5 Min: 4.5
3	9 inches	46 inches	clay	Not reported	Not reported	Max: 14 Min: 4	Max: 5.5 Min: 4.5
4	46 inches	70 inches		Not reported	Not reported	Max: Min:	Max: Min:

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS40001060756	1/8 - 1/4 Mile ENE
A2	USGS40001060741	1/2 - 1 Mile SSW
B4	USGS40001060704	1/2 - 1 Mile SSE
C6	USGS40001060705	1/2 - 1 Mile SSW
D10	USGS40001060804	1/2 - 1 Mile NW
E14	USGS40001060744	1/2 - 1 Mile WSW
F16	USGS40001060743	1/2 - 1 Mile ESE
G18	USGS40001060761	1/2 - 1 Mile ENE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

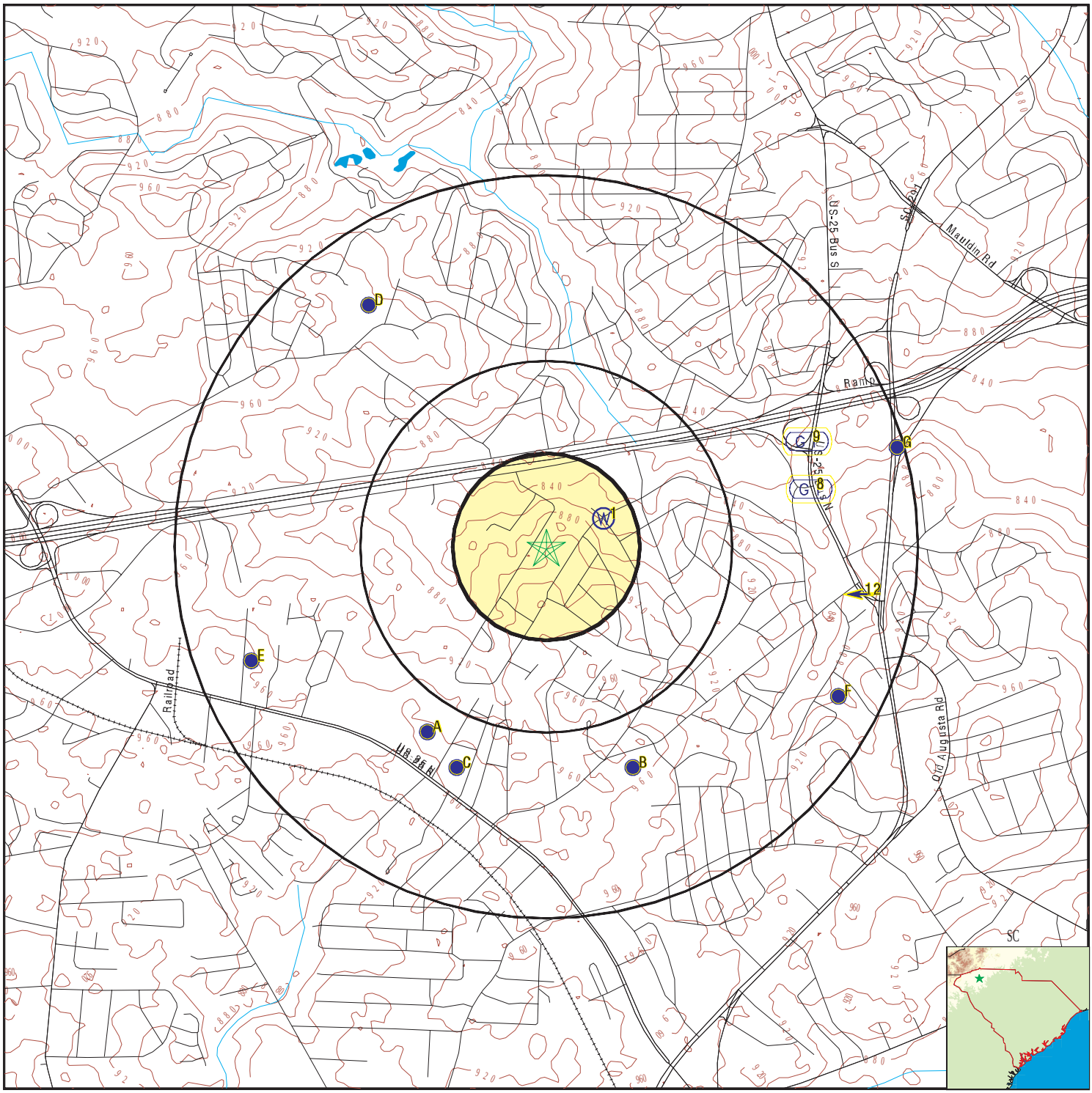
Note: PWS System location is not always the same as well location.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A3	SCP500000018120	1/2 - 1 Mile SSW
B5	SCP500000018138	1/2 - 1 Mile SSE
C7	SCP500000018139	1/2 - 1 Mile SSW
D11	SCP500000018069	1/2 - 1 Mile NW
E13	SCP500000018122	1/2 - 1 Mile WSW
F15	SCP500000018115	1/2 - 1 Mile ESE
G17	SCP500000018119	1/2 - 1 Mile ENE

PHYSICAL SETTING SOURCE MAP - 4675585.2s



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

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

SITE NAME:	Highland Square Apartments	CLIENT:	Partner Engineering and Science, Inc.
ADDRESS:	200 Pine Creek Court Greenville SC 29605	CONTACT:	Juan Gutierrez
		INQUIRY #:	4675585.2s
LAT/LONG:	34.790678 / 82.392835	DATE:	July 15, 2016 7:18 pm

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Map ID Direction Distance Elevation	Database	EDR ID Number
1 **ENE** **1/8 - 1/4 Mile** **Lower**	**FED USGS**	**USGS40001060756**

Org. Identifier:	USGS-SC		
Formal name:	USGS South Carolina Water Science Center		
Monloc Identifier:	USGS-344730082232508		
Monloc name:	GRV- 596		
Monloc type:	Well		
Monloc desc:	DATA FROM SCDNR: 47F--n02 ROCK TYPE: GGN		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.791785
Longitude:	-82.3901226	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation type:	Bedrock		
Aquifer type:	Unconfined single aquifer		
Construction date:	19600601	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	200
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

A2 **SSW** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40001060741**

Org. Identifier:	USGS-SC		
Formal name:	USGS South Carolina Water Science Center		
Monloc Identifier:	USGS-344700082235508		
Monloc name:	GRV- 441		
Monloc type:	Well		
Monloc desc:	DATA FROM SCDNR: 47F--n01 ROCK TYPE: GGN		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.7834517
Longitude:	-82.3984565	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation type:	Bedrock		

Aquifer type:	Unconfined single aquifer		
Construction date:	19510501	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	103
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

A3
SSW **SC WELLS** **SCP500000018120**
1/2 - 1 Mile
Higher

Fid:	18119	Scdnr new :	47F--n001
Scdnr old :	47F--n001	Scwrc:	47F--n001
Scwrc tran:	47F--n001	Scwrc orig:	47F--n01
Dhec permi:	Not Reported	Dhec const:	Not Reported
Dhec publi:	Not Reported	Dhec pub00:	Not Reported
Ownid:	Not Reported	Parcel id:	Not Reported
Urid:	Not Reported	Locat:	S of Greenville
Cono:	GRV-0441	Quad:	Greenville
Quadno:	61	Locataccur:	Not Reported
Lat:	344700	Lon:	822355
Utmn:	0		
Utme:	0		
Drdpth:	103	Comdpth:	0
Elev:	0		
Elevr:	Not Reported	Topog:	Not Reported
Owner:	J. W. Hall	Contact:	Not Reported
Address:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone:	Not Reported	Aquifer:	CZsp
Basin:	Not Reported	Wtruse:	AB
Sorctp:	W	Yield:	0
Cons:	X	Wq:	Not Reported
Gl:	Not Reported	Pt:	Not Reported
Wl:	Not Reported	Pr:	Not Reported
Updated:	19900626000000.000	Ca:	X
Sc:	X	Pu:	Not Reported
Qm:	Not Reported	Cla:	Not Reported
Date print:	Not Reported	Site id:	SCP500000018120

B4
SSE **FED USGS** **USGS40001060704**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-SC		
Formal name:	USGS South Carolina Water Science Center		
Monloc Identifier:	USGS-344655082232000		
Monloc name:	GRV- 257		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.7820628
Longitude:	-82.3887339	Sourcemap scale:	24000

Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation type:	Bedrock		
Aquifer type:	Unconfined single aquifer		
Construction date:	1951	Welldepth:	87
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

B5
SSE
1/2 - 1 Mile
Higher

SC WELLS **SCP500000018138**

Fid:	18137	Scdnr new :	47F--q001
Scdnr old :	47F--q001	Scwrc:	47F--q001
Scwrc tran:	47F--q001	Scwrc orig:	47F--q01
Dhec permi:	Not Reported	Dhec const:	Not Reported
Dhec publi:	Not Reported	Dhec pub00:	Not Reported
Ownid:	Not Reported	Parcel id:	Not Reported
Urid:	Not Reported	Locat:	S of Greenville
Cono:	GRV-0257	Quad:	Greenville
Quadno:	61	Locataccur:	Not Reported
Lat:	344655	Lon:	822320
Utmn:	0		
Utme:	0		
Drdpth:	87	Comdpth:	0
Elev:	0		
Elevr:	Not Reported	Topog:	FLAT
Owner:	Kit Carson	Contact:	Not Reported
Address:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone:	Not Reported	Aquifer:	CZsp
Basin:	Not Reported	Wtruse:	DO
Sorctp:	W	Yield:	0
Cons:	X	Wq:	Not Reported
Gl:	Not Reported	Pt:	Not Reported
Wl:	Not Reported	Pr:	Not Reported
Updated:	19900619000000.000	Ca:	X
Sc:	X	Pu:	Not Reported
Qm:	Not Reported	Cla:	Not Reported
Date print:	Not Reported	Site id:	SCP500000018138

C6
SSW
1/2 - 1 Mile
Higher

FED USGS **USGS40001060705**

Org. Identifier:	USGS-SC		
Formal name:	USGS South Carolina Water Science Center		
Monloc Identifier:	USGS-344655082235008		
Monloc name:	GRV- 440		
Monloc type:	Well		
Monloc desc:	DATA FROM SCDNR: 47F--q02 ROCK TYPE: GGN		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.7820628
Longitude:	-82.3970676	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation type:	Bedrock		
Aquifer type:	Unconfined single aquifer		
Construction date:	19510501	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	102
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

C7
SSW
1/2 - 1 Mile
Higher

SC WELLS **SCP500000018139**

Fid:	18138	Scdnr new :	47F--q002
Scdnr old :	47F--q002	Scwrc:	47F--q002
Scwrc tran:	47F--q002	Scwrc orig:	47F--q02
Dhec permi:	Not Reported	Dhec const:	Not Reported
Dhec publi:	Not Reported	Dhec pub00:	Not Reported
Ownid:	Not Reported	Parcel id:	Not Reported
Urid:	Not Reported	Locat:	SW of Greenville
Cono:	GRV-0440	Quad:	Greenville
Quadno:	61	Locataccur:	Not Reported
Lat:	344655	Lon:	822350
Utmn:	0		
Utme:	0		
Drdpth:	102	Comdpth:	0
Elev:	0		
Elevr:	Not Reported	Topog:	FLAT
Owner:	J. W. Hall	Contact:	Not Reported
Address:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone:	Not Reported	Aquifer:	CZsp
Basin:	Not Reported	Wtruse:	AB
Sorctp:	W	Yield:	0
Cons:	X	Wq:	Not Reported
Gl:	Not Reported	Pt:	Not Reported
Wl:	Not Reported	Pr:	Not Reported
Updated:	19900628000000.000	Ca:	X
Sc:	X	Pu:	Not Reported
Qm:	Not Reported	Cla:	Not Reported
Date print:	Not Reported	Site id:	SCP500000018139

Map ID Direction Distance Elevation			Database	EDR ID Number
8 **ENE** **1/2 - 1 Mile** **Lower**	Site ID:	N-23-NO-04145	**AQUIFLOW**	**32127**
	Groundwater Flow:	Not Reported		
	Shallowest Water Table Depth:	Not Reported		
	Deepest Water Table Depth:	Not Reported		
	Average Water Table Depth:	30-35 ft		
	Date:	Not Reported		
9 **ENE** **1/2 - 1 Mile** **Lower**	Site ID:	R-23-NM-04210	**AQUIFLOW**	**32038**
	Groundwater Flow:	Not Reported		
	Shallowest Water Table Depth:	Not Reported		
	Deepest Water Table Depth:	Not Reported		
	Average Water Table Depth:	13.61		
	Date:	11/17/1998		

D10
NW
1/2 - 1 Mile
Higher

FED USGS **USGS40001060804**

Org. Identifier:	USGS-SC		
Formal name:	USGS South Carolina Water Science Center		
Monloc Identifier:	USGS-344800082240508		
Monloc name:	GRV- 566		
Monloc type:	Well		
Monloc desc:	DATA FROM SCDNR: 47F--f01 ROCK TYPE: MS		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.8001182
Longitude:	-82.4012341	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation type:	Bedrock		
Aquifer type:	Unconfined single aquifer		
Construction date:	19500301	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	70
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

D11
NW
1/2 - 1 Mile
Higher

SC WELLS **SCP500000018069**

Fid:	18068	Scdnr new :	47F--f001
Scdnr old :	47F--f001	Scwrc:	47F--f001
Scwrc tran:	47F--f001	Scwrc orig:	47F--f01
Dhec permi:	Not Reported	Dhec const:	Not Reported
Dhec publi:	Not Reported	Dhec pub00:	Not Reported
Ownid:	Not Reported	Parcel id:	Not Reported
Urid:	Not Reported	Locat:	SW of Greenville
Cono:	GRV-0566	Quad:	Greenville
Quadno:	61	Locataccur:	Not Reported
Lat:	344800	Lon:	822405
Utmn:	0		
Utme:	0		
Drdpth:	70	Comdpth:	0
Elev:	0		
Elevr:	Not Reported	Topog:	HSID
Owner:	Martha Harrison	Contact:	Not Reported
Address:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone:	Not Reported	Aquifer:	CZbs
Basin:	Not Reported	Wtruse:	DO
Sorctp:	W	Yield:	0
Cons:	X	Wq:	P
Gl:	Not Reported	Pt:	Not Reported
Wl:	Not Reported	Pr:	Not Reported
Updated:	19900621000000.000	Ca:	X
Sc:	X	Pu:	Not Reported
Qm:	Not Reported	Cla:	Not Reported
Date print:	Not Reported	Site id:	SCP500000018069

12
East
1/2 - 1 Mile
Lower

AQUIFLOW **32110**

Site ID:	N-23-NM-04091
Groundwater Flow:	W
Shallowest Water Table Depth:	Not Reported
Deepest Water Table Depth:	Not Reported
Average Water Table Depth:	20 ft
Date:	02/1991

E13
WSW
1/2 - 1 Mile
Higher

SC WELLS **SCP500000018122**

Fid:	18121	Scdnr new :	47F--o002
Scdnr old :	47F--o002	Scwrc:	47F--o002
Scwrc tran:	47F--o002	Scwrc orig:	47F--o02
Dhec permi:	Not Reported	Dhec const:	Not Reported
Dhec publi:	Not Reported	Dhec pub00:	Not Reported
Ownid:	Not Reported	Parcel id:	Not Reported
Urid:	Not Reported	Locat:	SW of Greenville
Cono:	GRV-0413	Quad:	Greenville
Quadno:	61	Locataccur:	Not Reported
Lat:	344710	Lon:	822425
Utmn:	0		
Utme:	0		
Drdpth:	103	Comdpth:	0
Elev:	0		
Elevr:	Not Reported	Topog:	FLAT
Owner:	Mrs. Minnie Martin	Contact:	Not Reported
Address:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone:	Not Reported	Aquifer:	CZsp
Basin:	Not Reported	Wtruse:	AB

Sorctp:	W	Yield:	0
Cons:	X	Wq:	Not Reported
Gl:	Not Reported	Pt:	Not Reported
Wl:	X	Pr:	Not Reported
Updated:	19900628000000.000	Ca:	X
Sc:	X	Pu:	Not Reported
Qm:	Not Reported	Cla:	Not Reported
Date print:	Not Reported	Site id:	SCP500000018122

E14
WSW
1/2 - 1 Mile
Higher

FED USGS **USGS40001060744**

Org. Identifier:	USGS-SC		
Formal name:	USGS South Carolina Water Science Center		
Monloc Identifier:	USGS-344710082242508		
Monloc name:	GRV- 413		
Monloc type:	Well		
Monloc desc:	DATA FROM SCDNR: 47F--o02 ROCK TYPE: GGN		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.7862294
Longitude:	-82.4067902	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation type:	Bedrock		
Aquifer type:	Unconfined single aquifer		
Construction date:	19520901	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	103
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

F15
ESE
1/2 - 1 Mile
Lower

SC WELLS **SCP500000018115**

Fid:	18114	Scdnr new :	47F--m001
Scdnr old :	47F--m001	Scwrc:	47F--m001
Scwrc tran:	47F--m001	Scwrc orig:	47F--m01
Dhec permi:	Not Reported	Dhec const:	Not Reported
Dhec publi:	Not Reported	Dhec pub00:	Not Reported
Ownid:	Not Reported	Parcel id:	Not Reported
Urid:	Not Reported	Locat:	Donaldson Center
Cono:	GRV-0020	Quad:	Greenville
Quadno:	61	Locataccur:	Not Reported
Lat:	344705	Lon:	822245

Utmn:	0		
Utme:	0		
Drdpth:	185	Comdpth:	0
Elev:	0		
Elevr:	Not Reported	Topog:	Not Reported
Owner:	Donaldson Center	Contact:	Not Reported
Address:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone:	Not Reported	Aquifer:	CZsp
Basin:	Not Reported	Wtruse:	AB
Sorctp:	W	Yield:	8
Cons:	X	Wq:	Not Reported
Gl:	Not Reported	Pt:	Not Reported
Wl:	Not Reported	Pr:	Not Reported
Updated:	19910723000000.000	Ca:	X
Sc:	X	Pu:	Not Reported
Qm:	Not Reported	Cla:	Not Reported
Date print:	Not Reported	Site id:	SCP500000018115

F16
ESE
1/2 - 1 Mile
Lower

FED USGS **USGS40001060743**

Org. Identifier:	USGS-SC		
Formal name:	USGS South Carolina Water Science Center		
Monloc Identifier:	USGS-344705082224500		
Monloc name:	GRV- 20		
Monloc type:	Well		
Monloc desc:	REPORTED WELL YEILD @ 8		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.7848406
Longitude:	-82.3790111	Sourcemap scale:	24000
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation type:	Bedrock		
Aquifer type:	Unconfined single aquifer		
Construction date:	Not Reported	Welldepth:	185
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

G17
ENE
1/2 - 1 Mile
Lower

SC WELLS **SCP500000018119**

Fid:	18118	Scdnr new :	47F--m005
Scdnr old :	47F--m005	Scwrc:	47F--m005
Scwrc tran:	47F--m005	Scwrc orig:	47F--m05
Dhec permi:	Not Reported	Dhec const:	Not Reported
Dhec publi:	Not Reported	Dhec pub00:	Not Reported
Ownid:	Not Reported	Parcel id:	Not Reported
Urid:	Not Reported	Locat:	S of Greenville
Cono:	GRV-0276	Quad:	Mauldin
Quadno:	62	Locataccur:	Not Reported
Lat:	344740	Lon:	822235
Utmn:	0		
Utme:	0		
Drdpth:	95	Comdpth:	0
Elev:	0		
Elevr:	Not Reported	Topog:	HSID
Owner:	Rental Agency	Contact:	Not Reported
Address:	Not Reported	City:	Not Reported
State:	Not Reported	Zip:	Not Reported
Phone:	Not Reported	Aquifer:	CZsp
Basin:	Not Reported	Wtruse:	DO
Sorctp:	W	Yield:	0
Cons:	X	Wq:	Not Reported
Gl:	Not Reported	Pt:	Not Reported
Wl:	Not Reported	Pr:	Not Reported
Updated:	19900619000000.000	Ca:	X
Sc:	X	Pu:	Not Reported
Qm:	Not Reported	Cla:	Not Reported
Date print:	Not Reported	Site id:	SCP500000018119

G18
ENE
1/2 - 1 Mile
Lower

FED USGS **USGS40001060761**

Org. Identifier:	USGS-SC		
Formal name:	USGS South Carolina Water Science Center		
Monloc Identifier:	USGS-344740082223500		
Monloc name:	GRV- 276		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.7945628
Longitude:	-82.376233	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation type:	Bedrock		

Aquifer type:	Unconfined single aquifer		
Construction date:	1950	Welldepth:	95
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: SC Radon

Radon Test Results

Zipcode	Average	Num Tests	Minimum	Maximum	% > 4 pCi/L
29605	2.1	138	0.3	12.0	14.5

Federal EPA Radon Zone for GREENVILLE County: 1

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 29605

Number of sites tested: 7

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.514 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	2.650 pCi/L	75%	25%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory
Source: Department of Natural Resources
Telephone: 803-734-9494

HYDROGEOLOGIC INFORMATION

AQUIFLOW[R] Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Natural Resources
Telephone: 803-734-6440
Water wells in the Coastal Plain counties of South Carolina

Water Well Database
Source: Department of Natural Resources
Telephone: 864-654-1671
A listing of water wells in the Piedmont (upstate) counties.

OTHER STATE DATABASE INFORMATION

RADON

State Database: SC Radon
Source: Department of Health & Environmental Control
Telephone: 864-241-1090
Radon Test Results by Zip Code

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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APPENDIX D: QUALIFICATIONS

PARTNER

Anthony Bizzarri, Sr.

Partner Associate

Education

Chabot College, 1983
Lead & Mold Project Management
Asbestos Project Management
Construction Management

Summary of Professional Experience

Mr. Bizzarri has 26 years experience in the environmental service industry. He is familiar with all aspects of Due Diligence Property Assessments and the needs and requirements of varied number of reporting standards, including the standard ASTM, EPA's All Appropriate Inquiry (AAI), and customized client formats. Mr. Bizzarri is experienced in developing and implementing asbestos, lead-based paint, PCB, and radon Operations & Maintenance (O&M) Programs. Mr. Bizzarri has also performed Phase II Subsurface Investigations, Regulatory Compliance Assessments, and Property Condition Assessments.

Highlights of Mr. Bizzarri's project experience include:

- Property Condition Assessments & Environmental Site Assessments – Program Manager responsible for the development of a national alliance of professionals to perform Real Estate Due Diligence throughout North and Central America. Responsible for over 5000 reports from 2004 – 2008.
- Local/State Government Experience: Project Manager for renovation of Officers Club at the Dahlgren Navel Surface Weapons Center in Dahlgren Virginia. The scope of work included new electrical service, plumbing distribution, HVAC, interior finishes, roof replacement, and the replacement of all commercial kitchen equipment.
- Project Manager for thermal insulation replacement project at two Navel facilities; David Taylor Research Center, Annapolis and DTRC-Carder rock Maryland. The project included the removal and replacement of mechanical system insulation from HVAC equipment, boilers and piping.
- Project Manager for the demolition and environmental remediation project at the Camden Yards Stadium site, the project included the complete environmental remediation of 11 buildings. The project also included the complete demolition of three buildings.
- Project Manager for the development of single family residential developments and multi-family communities. Duties included land acquisition, engineering and site development for single family town homes. Developed budget and schedule. Managed the project from engineering to final acceptance and dedication of roads to the County.
- Project Manager for a project for the removal and installation of new boilers in four elementary schools in Garrett County, MD. The Project included the removal of asbestos insulation from four boiler rooms, the demolition of the boilers and associated piping and the installation of new boilers and mechanical insulation.

Julie A. Cichetti
Senior Project Manager

Education

Rutgers, The State University, Cook College, Bachelor of Science: Environmental Science-Soils and Water

Training

Groundwater in Fracture Bedrock-Rutgers University/NJDEP
Site Remediation Basics-Rutgers University/NJDEP
40 Hour OSHA HAZWOPER Training and 8 Hour Refresher Training
Loss Prevention System (LPS) Trained
American Red Cross First Aid/CPR/AED Training

Highlights

17+ years in the environmental service industry
Experience with soil and groundwater investigations and remediation of major retail petroleum sites, and commercial and residential properties
Phase I Environmental Site Assessments
Preliminary Assessments
Subsurface and Remedial Investigations

Experience Summary

Julie Cichetti is a Senior Project Manager at Partner Engineering and Science, Inc. (Partner). Her responsibilities included client portfolio management, due diligence assessments, and remediation of contaminated sites.

Ms. Cichetti has 17 + years of experience in the environmental service industry including site investigation and remediation of major retail petroleum, commercial, and residential properties. She has significant experience in soil and groundwater investigations including soil boring and monitoring well remedial action workplans and execution, remediation system operation and maintenance for dual phase extraction systems including pump and treat, soil vapor extraction, and air-sparge, soil excavations, underground storage tank removal and remediation, fate and transport modeling, vapor intrusion investigations, and due diligence assessments for retail petroleum projects. Additionally Ms. Cichetti has extensive knowledge of the NJDEP Site Remediation Technical Requirements. Ms. Cichetti has performed Phase I Environmental Site Assessments, Preliminary Assessments, and Subsurface and Remedial Investigations.

Mr. Cichetti has served as the head project manager on large scale retail petroleum underground storage tank removal and large scale soil excavation projects in New Jersey. Responsibilities included RFP preparation, bid walks and contractor coordination and planning, health and safety management in accordance with client's strict requirements, waste management of impacted soils and groundwater, and technical management during the assessment and remedial implementation activities to ensure remedial measures were conducted in accordance with NJDEP technical requirements.

Ms. Cichetti has been involved with the site characterization of petroleum impacted retail properties. Responsibilities include: preliminary assessments and site characterization to identify areas of concern including workplan preparation for soil boring and groundwater monitoring well installations for horizontal and vertical delineation; Laser Induced Fluorescence (LIF)/Hydraulic Profiling Tool (HPT) investigations;

vapor intrusion investigations onsite and in surrounding buildings as triggered by site conditions; and Light Non-Aqueous Phase Liquid (LNAPL) investigations and mitigation.

Ms. Cichetti has been involved with various aspects of remediation of impacted properties including extensive soil excavation projects, remedial system installation activities including soil vapor and groundwater extraction systems (permanent or mobile), LNAPL product recovery including passive collection and/or chemical injection and extraction. Each project was executed to meet the client's budget requirements, current and future needs and plans, and took into account site characteristics and limitations.

Finally, Ms. Cichetti's diversity across residential and commercial environments and the retail petroleum industry is a major contribution to Partner Engineering and Science's team in the Northeast, region of the United States.

Project Experience

Project Management-Excavation and Demolition Project Colts Neck, NJ. Managed the removal of all underground storage tanks (USTs), over-excavation of impacted soils, building demolition activities including lead paint testing, asbestos abatement, and hazardous waste disposal. Responsibilities included scheduling and coordinating of multiple subcontractors to facilitate building demolition work, UST removal activities in accordance with client's rigorous health and safety program and within NJDEP technical guidelines, proper waste testing, handling, and disposal, data review, and reporting to the client and NJDEP.

Project Management of Groundwater Pump and Treat/Soil Vapor Extraction System (GWP&T/SVE) Site Parsippany, NJ. Managed the characterization of site conditions and managed ongoing remedial investigation and delineation activities to address impacted soils, groundwater, and LNAPL. Oversaw installation of groundwater and soil vapor extraction wells. Managed removal of several orphan USTs. Managed the financial aspects of the remedial portion of the project as well as interaction/management with engineering professionals with regard to the operation and maintenance of the GWP&T/SVE system.

Project Management of Laser Induced Fluorescence (LIF)/Hydraulic Profiling Tool (HPT) Investigation Ship Bottom, NJ. Scheduled and coordinated LNAPL investigation using LIF/HPT to delineate the depth and horizontal extent of LNAPL on site. This information was instrumental in pinpointing soil excavation limits to facilitate site cleanup for property development activities. Additionally, LIF/HPT was instrumental in avoiding major costs to the client involved with dewatering the site due to the shallow groundwater conditions that were encountered during soil excavation activities.

Project Management for Soil Excavation Madison, NJ. Managed and oversaw field personnel for extensive soil excavation project which involved excavating impacted soils from the entire site for redevelopment activities. Included managing financial aspects of the project and development of detailed work scope.

Contact

jcichetti@partneresi.com

Summer Gell
Principal

Education
B.S. in Environmental Health, *Cum Laude* Western Carolina University

Registrations
North Carolina-Licensed Asbestos Inspector (No. 11425)
South Carolina-Licensed Asbestos Inspector (No. 22156)
AHERA Certified Asbestos Building Inspector
OSHA 40-hour Hazardous Materials Safety Certification
OSHA 8-hour HAZWOPER Annual Refresher

Summary of Professional Experience
Mrs. Gell has over 15 years of experience in the real estate due diligence field. She has a strong background in providing environmental due diligence for debt and equity transactions, as well as the performance of Phase I environmental site assessments, Phase II subsurface investigations, soil and groundwater remediation, National Environmental Policy Act (NEPA) Reviews and Environmental Assessments, regulatory compliance audits, asbestos surveys, lead-based paint surveys, mold assessments, and indoor air quality studies. She also has extensive portfolio management experience throughout the United States.

Mrs. Gell currently serves as a National Client Manager for Partner Engineering and Science, providing solutions to clients' due diligence and engineering needs. 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.

Mrs. Gell has been personally involved in the details of thousands of real estate transactions for various client types and therefore understands the specific needs and scopes of work required for the different parties involved in the transaction. Mrs. Gell has served as an environmental scientist, project manager, or senior author for projects associated with over 5,000 real estate transactions. Mrs. Gell is familiar with the due diligence requirements of a varied number of reporting standards, including ASTM E1527, EPA's All Appropriate Inquiry (AAI), Fannie Mae DUS, Freddie Mac, HUD, and Federal Communications Commission (FCC) 47 CFR Part 1. She also has experience with fulfilling numerous customized client scopes of work.

Previously, Mrs. Gell was a client manager for a Fortune 500 company and was responsible for managing due diligence projects throughout the United States. Mrs. Gell was also responsible for developing report templates to meet the Phase I ESA requirements of Freddie Mac and Fannie Mae's small loan program. Her primary clientele focus included real estate investors, DUS lenders, CMBS lenders, insurance lenders, and real estate equity funds.

Mrs. Gell was also the Geoscience Group Manager for an international engineering firm, where she was responsible for business development for due diligence services within North Carolina and South Carolina, staff management, and QA/QC review of all Phase I ESAs, asbestos surveys, and Industrial Hygiene-related reports. In addition, Mrs. Gell was the project manager on multiple Phase II assessments and remedial investigations with cleanups under various regulatory programs for former textile mills, drycleaners, and Brownfields sites located in the southeastern United States.

Prior to being promoted to Geoscience Group Manager, Mrs. Gell was responsible for managing and completing environmental site assessments, and soil and groundwater contamination assessments associated with USTs, drycleaners, and former industrial properties. She was also responsible for conducting asbestos, lead-based paint, and mold surveys, and the oversight of subsequent abatement projects. She also performed regulatory compliance audits and indoor air quality assessments to evaluate potential worker exposure issues.

For a national geoscience company, Mrs. Gell served as a staff environmental scientist and conducted soil and groundwater assessments at multiple petroleum retail sites located throughout Florida.

Some relevant project experience includes:

- Performed, managed, or reviewed due diligence projects associated with more than 5,000 real estate transactions on multi-family properties, agricultural properties, commercial office buildings, retail shopping centers, gasoline service stations, medical and hospitality properties, dry cleaning plants, auto repair shops, industrial properties, and various manufacturing operations throughout the United States.
- Responsible for managing due diligence in support of the National Environmental Policy Act (NEPA) on telecommunications projects throughout Texas, New Mexico, Arizona, South Carolina and Tennessee.
- Managed a portfolio of Phase I ESAs for over 200 gas stations located in Texas and Utah.
- Managed and served as a team leader for a Phase I and Phase II assessment of five housing areas associated with the Marine Corps Air Station and Parris Island Recruit Depot in Beaufort, South Carolina. Scope of Services included asbestos sampling, lead based paint sampling, mold investigation of housing areas, geophysical surveys for USTs and possible land fill area, and soil and groundwater assessment.
- Managed and performed indoor air monitoring project of a former industrial facility located in Orlando, Florida. Air monitoring parameters consisted of VOCs, formaldehyde, carbon monoxide, carbon dioxide, environmental bacteria, fungi, radon, and lead. Provided expert witness testimony for workers compensation claims filed against the existing property owner.
- Completed UST Closure Reports, Limited Site Assessments, Soil Assessment Reports, Soil Closure Reports, and Corrective Action Plans for submittal to North Carolina Department of Environment and Natural Resources for UST sites owned by various industrial and government entities.

- Completed Tier I, Tier II, and Corrective Action reports for submittal to South Carolina Department of Health and Environmental Control (SCDHEC) for UST sites owned by various developers and industrial entities.
- Conducted soil and groundwater assessments at multiple petroleum retail sites located throughout Florida. Activities included field oversight of groundwater monitoring well installation using mud-rotary, air-rotary, and hollow-stem augers; soil and groundwater sampling; receptor surveys; and elevation surveys of installed monitoring wells and soil borings. Prepared Contamination Assessment Reports (CARs) documenting field assessment activities and evaluation of laboratory analytical results for submittal to the Florida Department of Environmental Protection (FDEP).
- Field Team Leader for Phase I ESAs and subsequent Phase II investigations conducted of multiple closed furniture manufacturing sites located in North Carolina and South Carolina as part of a joint venture between an international engineering firm and a Brownfields investment company.

Speaking

- Panel speaker at the Environmental Bankers Association's January 2010 Conference on the subject of Fannie Mae DUS engineering and environmental guidelines in comparison to HUD and Freddie Mac.

Publications

- Going through a Phase? All About Fannie Mae and Freddie Mac Due Diligence, Scotsman Guide, April 2009

- Freddie Mac Due Diligence: Environmental/Engineering Best Practices, GlobeSt.com Blog Network, July 2011

APPENDIX H

LABORATORY ANALYTICAL RESULTS

ASBESTOS INSPECTION REPORT

Highland Square Apartments

200 Pine Creek Court
Greenville, SC 29605

Prepared for:

AEI Consultants, Inc.

4255 Wade Green Road, Suite 510
Kennesaw, GA 30144

Inspection Date: **September 3-5, 2024**
Report Date: **September 30, 2024**

Inspected by:

Timothy Quint
SC Asbestos Building Inspector, #BI-002268
(Expires on 2/5/2025)

OSE Project Number: 24-1288
AEI Project Number: 497755 – Task 3

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- Asbestos Bulk Sample Laboratory Results
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- Employee & Laboratory Certifications
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EXECUTIVE SUMMARY

One Source Environmental, LLC has contracted with AEI Consultants, Inc. (Client) to conduct a pre-renovation asbestos inspection of Highland Square Apartments, located at 200 Pine Creek Court, in Greenville, SC. The objective of the survey was to provide documentation to the Client consisting of a listing of asbestos-containing materials that may be impacted during upcoming renovation activities.

Inspection activities were performed on September 3-5, 2024, by Mr. Timothy Quint, South Carolina-certified Asbestos Building Inspector (#BI-002268). Copies of current certifications can be found in Appendix C.

Inspection, sampling, material condition assessments, and analytical procedures for asbestos-containing building materials were performed in general accordance with the EPA's National Emission Standards for Hazardous Air Pollutants (NESHAP) - EPA Title 40, Code of Federal Regulations (CFR), Part 61 Subpart M (40 CFR Part 61, Subpart M), the EPA AHERA regulation (40 CFR Part 763) and ASTM E2356-18. A total of four hundred and ninety-two (492) bulk samples were collected and six hundred and seven (607) layers were analyzed via PLM analysis and one hundred and eight (108) samples were analyzed via TEM analysis to complete the inspection.

Asbestos was identified within the following materials:

Highland Square Apartments – Building A					
Material	**Location**	**Percentage/ Type**	**Material Condition**	**Approx. Quantity**	**NESHAP Category**
White HVAC Duct Mastic	Unit Utility Closets	3% Chrysotile	Good	20 SF per Unit	Cat I – NF ACM

Highland Square Apartments – Building B					
Material	**Location**	**Percentage/ Type**	**Material Condition**	**Approx. Quantity**	**NESHAP Category**
White HVAC Duct Mastic	Unit Utility Closets	<1%-2% Chrysotile via PLM analysis	Good	20 SF per Unit	Cat I – NF ACM
Gray/Beige 12"x12" VCT (base layer)	Unit Utility Closets	3% Chrysotile	Good	15 SF per Unit	Cat I – NF ACM
Black Mastic (assoc. w/ Gray/Beige 12"x12" VCT)	Unit Utility Closets	3% Chrysotile	Good	15 SF per Unit	Cat I – NF ACM
Yellow Mastic (assoc. w/ Gray/Beige 12"x12" VCT)	Unit Utility Closets	2.22% Chrysotile via TEM analysis	Good	15 SF per Unit	Cat I – NF ACM

Highland Square Apartments – Building C					
Material	**Location**	**Percentage/ Type**	**Material Condition**	**Approx. Quantity**	**NESHAP Category**
None Detected.					

Highland Square Apartments – Building D					
Material	**Location**	**Percentage/ Type**	**Material Condition**	**Approx. Quantity**	**NESHAP Category**
White HVAC Duct Mastic	Unit Utility Closets	4% Chrysotile	Good	20 SF per Unit	Cat I – NF ACM

Highland Square Apartments – Building E					
Material	**Location**	**Percentage/ Type**	**Material Condition**	**Approx. Quantity**	**NESHAP Category**
None Detected.					

Highland Square Apartments – Building F					
Material	**Location**	**Percentage/ Type**	**Material Condition**	**Approx. Quantity**	**NESHAP Category**
None Detected.					

Highland Square Apartments – Building G					
Material	**Location**	**Percentage/ Type**	**Material Condition**	**Approx. Quantity**	**NESHAP Category**
White HVAC Duct Mastic	G104, Utility Closet	3% Chrysotile	Good	20 SF	Cat I – NF ACM

Highland Square Apartments – Building H					
Material	**Location**	**Percentage/ Type**	**Material Condition**	**Approx. Quantity**	**NESHAP Category**
White HVAC Duct Mastic	Unit Utility Closets	5% Chrysotile	Good	20 SF per Unit	Cat I – NF ACM

Highland Square Apartments – Building I					
Material	**Location**	**Percentage/ Type**	**Material Condition**	**Approx. Quantity**	**NESHAP Category**
None Detected.					

Highland Square Apartments – Building J					
Material	**Location**	**Percentage/ Type**	**Material Condition**	**Approx. Quantity**	**NESHAP Category**
White HVAC Duct Mastic	Unit Utility Closets	5% Chrysotile	Good	20 SF per Unit	Cat I – NF ACM

Highland Square Apartments – Office/Laundry					
Material	**Location**	**Percentage/ Type**	**Material Condition**	**Approx. Quantity**	**NESHAP Category**
None Detected.					

Asbestos containing material (ACM) as defined by the EPA and OSHA are materials with an asbestos concentration of greater than 1% (>1%) as analyzed by polarized light microscopy (PLM). In addition, ACM is designated as follows for NESHAP compliance:

Friable asbestos - material which can be crumbled, pulverized, or reduced to powder by hand pressure, a.k.a. Regulated Asbestos Containing Materials (RACM)
Category I non-friable - includes resilient floor coverings, asphalt roofing products, gaskets, and packings.
Category II non-friable - any non-friable ACM that is not in Category I (i.e. transite siding material).

INTRODUCTION

A pre-renovation asbestos survey was completed for AEI Consultants, Inc. (Client) between September 3-5, 2024, of Highland Square Apartments, located at 200 Pine Creek Court, in Greenville, SC by One Source Environmental. The inspection included interior and exterior building materials.

Inspection activities were performed by Mr. Timothy Quint, South Carolina-certified Asbestos Building Inspector (#BI-002268). Copies of current certifications can be found in Appendix C.

PROJECT DESCRIPTION

The site contains ten (10) two to three-story apartment buildings with one hundred and fifty-two (152) residential dwelling units and one (1) single-story Office and Laundry building reportedly constructed in 1979. Exterior building finishes for the residential buildings consist of brick and wood siding, exterior caulking and asphalt shingle roofing. The office and laundry exterior building finishes consist of wood siding, exterior caulking, and asphalt shingle roofing. Interior building finishes for all buildings consists of drywall walls and ceilings, ceiling textured ceilings, various interior caulking, vinyl and carpet flooring, and vinyl cove base.

SAMPLED SUSPECT ASBESTOS CONTAINING MATERIALS - NEGATIVE

Samples of the following suspect materials were collected and found to be Negative for asbestos:

Highland Square Apartments – Building A	
Drywall and Joint Compound	White Ceiling Texture
White Interior Caulking	4” Beige Cove Base and assoc. Mastic
4” Brown Wood Pattern Vinyl Plank Flooring and assoc. Mastic	Gray/Beige 12”x12” VCT and assoc. Mastic (base layer)
Black Asphalt Shingles	Black Roof Felt
Exterior Window Caulk	Exterior Door Caulk

Highland Square Apartments – Building B	
Drywall and Joint Compound	White Ceiling Texture
White Interior Caulking	4” Beige Cove Base and assoc. Mastic
4” Brown Wood Pattern Vinyl Plank and assoc. Mastic	Black Asphalt Shingles
Black Exterior Roof Mastic	Exterior Window Caulk
Exterior Door Caulk	

Highland Square Apartments – Building C	
Drywall and Joint Compound	White Ceiling Texture
White Interior Caulking	4” Beige Cove Base and assoc. Mastic

Highland Square Apartments – Building C	
4” Brown Wood Pattern Vinyl Plank and assoc. Mastic	White HVAC Mastic
Gray 12”x12” VCT, Base Layer and assoc. Mastic	Light Brown 12”x12” VCT, Base Layer and assoc. Mastic
Black Asphalt Shingles	Exterior Window Caulk
Exterior Door Caulk	

Highland Square Apartments – Building D	
Drywall and Joint Compound	White Ceiling Texture
White Interior Caulking	4” Beige Cove Base and assoc. Mastic
4” Brown Wood Pattern Vinyl Plank and assoc. Mastic	Gray 12”x12” VCT, Base Layer and assoc. Mastic
Black Asphalt Shingles	Black Roof Felt
Exterior Window Caulk	Exterior Door Caulk

Highland Square Apartments – Building E	
Drywall and Joint Compound	White Ceiling Texture
White Interior Caulking	4” Beige Cove Base and assoc. Mastic
4” Brown Wood Pattern Vinyl Plank and assoc. Mastic	White HVAC Duct Mastic
Beige 12”x12” VCT, Base Layer and assoc. Mastic	Gray 4” Vinyl Floor Plank and assoc. Mastic
Black Asphalt Shingles	Black Exterior Roof Caulk
Exterior Window Caulk	Exterior Door Caulk

Highland Square Apartments – Building F	
Drywall and Joint Compound	White Ceiling Texture
White Interior Caulking	4” Beige Cove Base and assoc. Mastic
4” Brown Wood Pattern Vinyl Plank and assoc. Mastic	White HVAC Duct Mastic
Gray 4” Vinyl Floor Plank and assoc. Mastic	White Wall Texture
Black Asphalt Shingle	Black Exterior Roof Caulk
Exterior Window Caulk	Exterior Door Caulk

Highland Square Apartments – Building G	
Drywall and Joint Compound	White Ceiling Texture
White Interior Caulking	4” Beige Cove Base and assoc. Mastic
4” Brown Wood Pattern Vinyl Plank and assoc. Mastic	Beige Vinyl Flooring, 2 Layers and assoc. Mastic
Black Asphalt Shingles	Black Roof Felt
Exterior Window Caulk	Exterior Door Caulk

Highland Square Apartments – Building H	
Drywall and Joint Compound	White Ceiling Texture
White Interior Caulking	4” Beige Cove Base and assoc. Mastic
4” Brown Wood Pattern Vinyl Plank and assoc. Mastic	Beige Vinyl Flooring, 2 Layers and assoc. Mastic
Off-White Vinyl Sheet Flooring, 2nd Layer and assoc. Mastic	Orange/Black Asphalt Shingles
Black Roof Felt	Exterior Window Caulk
Exterior Door Caulk	

Highland Square Apartments – Building I	
Drywall and Joint Compound	White Ceiling Texture
White Interior Caulking	4” Beige Cove Base and assoc. Mastic
4” Brown Wood Pattern Vinyl Plank and assoc. Mastic	White HVAC Duct Mastic
Black Asphalt Shingles	Black Roof Felt
Black Exterior Roof Mastic	Exterior Window Caulk
Exterior Door Caulk	

Highland Square Apartments – Building J	
Drywall and Joint Compound	White Ceiling Texture
White Interior Caulking	4” Beige Cove Base and assoc. Mastic
4” Brown Wood Pattern Vinyl Plank and assoc. Mastic	Beige Vinyl Sheet Flooring, 2nd Layer and assoc. Mastic
Black Asphalt Shingles	Black Roof Felt
Exterior Window Caulk	Exterior Door Caulk

Highland Square Apartments – Office and Community Center	
Drywall and Joint Compound	White Ceiling Texture
Wall Texture	Brown 6” Vinyl Plank Flooring and assoc. Mastic
White Interior Caulk	Black Asphalt Roof Shingles
White Exterior Window Caulk	White Exterior Door Caulk
White Exterior Wall Caulk	

SAMPLING AND ANALYTICAL PROCEDURES

Sampling Procedures

Representative bulk samples of suspect ACMs were randomly collected from the interior of the inspected space. Homogenous material determinations were assessed based on the following criteria:

- Similar physical characteristics (same color and texture, etc.);
- Application (sprayed-on, troweled-on, assembly into a system, etc.); and

- Material function (thermal insulation, floor tile, wall, or ceiling system, etc.).

Once collected, all bulk samples were appropriately labeled and shipped to an accredited analytical laboratory for analysis. All sampled building materials were also characterized for condition and approximate quantity on-site during the inspection(s).

PLM and TEM Analysis Methodology

Laboratory services were provided by Eurofins EPK Built Environment Testing, located in Tustin, California, a National Voluntary Laboratory Accreditation Program (NVLAP) certified laboratory (NVLAP #200757-0) for PLM and TEM analysis.

Each bulk sample was analyzed by polarized light microscopy (PLM) in accordance with the United State Environmental Protection Agency's (EPA's) Test Methods: Methods for the determination of Asbestos in Bulk Building Materials (EPA 600/M4-82-020, July 1993) and the McCrone Research Institute's The Asbestos Particle Atlas. Additional treatment(s) and test(s) were performed as required to accurately define material composition (i.e. ashing, extraction, acetone treatment, point counting, and/or transmission electron microscopy [TEM]).

Analysis consisted of using the bulk sample for visual observation and slide preparation(s) for microscopic examination and identification. All samples were analyzed for asbestos (chrysotile, amosite, crocidolite, anthophyllite, and actinolite/tremolite), fibrous non-asbestos constituents (mineral wool, cellulose, etc.), and non-fibrous constituents. Using a stereoscope, the microscopist visually estimated relative amounts of each constituent by determining the volume of each constituent in proportion to the total volume of the sample.

Due to the limitations of PLM analysis, non-friable organically bound (NOB) materials (i.e. floor tiles, cove base, mastics, roofing materials, caulks, etc.) found to contain no asbestos via PLM analysis, the ASTM Standard Practice for Comprehensive Asbestos Building Surveys Designation: E 2356-18 (ASTM E 2356-18) recommends that these materials and any related results be considered as inconclusive unless Transmission Electron Microscopy (TEM) analysis is performed.

FINDINGS

Interpretation of Asbestos Results

Federal OSHA and the U.S. EPA define an ACM as any material containing >1% asbestos. The lower limit of reliable detection for friable asbestos using the PLM analytical method is 1.0% by volume. If "<1%" appears in this report, it should be interpreted as meaning that asbestos was present in the sample, but the exact percentage is unknown.

Furthermore, per EPA NESHAP regulations, friable material with a PLM-derived asbestos concentration of <10% must be assumed to be ACM until it is point counted to more precisely

determine the actual asbestos content. If this material is found to contain less than 1% asbestos by point counting, then it may be disposed of as non-hazardous waste. Any sample can be subjected to the more stringent Point Count Method of analysis to more precisely determine the actual asbestos content.

Although a material may contain asbestos at <1%, it **DOES NOT** relieve contractors from performing exposure assessments (personal air monitoring) on their employees per the OSHA Asbestos Standard (29 CFR 1926.1101) and should not be interpreted as asbestos is not present. Although laboratory analysis may indicate "<1%", airborne asbestos concentrations still may exceed the OSHA Permissible Exposure Limit (PEL) depending on the work activity.

The following materials contain or were assumed to contain Asbestos in concentrations exceeding 1%:

Building A	
Material	**Location**
White HVAC Duct Mastic	Unit Utility Closets

Building B	
Material	**Location**
White HVAC Duct Mastic	Unit Utility Closets
Gray/Beige 12"x12" VCT (base layer)	Unit Utility Closets
Black Mastic (assoc. w/ Gray/Beige 12"x12" VCT)	Unit Utility Closets
Yellow Mastic (assoc. w/ Gray/Beige 12"x12" VCT)	Unit Utility Closets

Building C	
Material	**Location**
None Detected.	

Building D	
Material	**Location**
White HVAC Duct Mastic	Unit Utility Closets

Building E	
Material	**Location**
None Detected.	

Building F	
Material	**Location**
None Detected.	

Building G	
Material	**Location**
White HVAC Duct Mastic	G104, Utility Closet

Building H	
Material	**Location**
White HVAC Duct Mastic	Unit Utility Closets

Building I	
Material	**Location**
None Detected.	

Building J	
Material	**Location**
White HVAC Duct Mastic	Unit Utility Closets

Office & Community Center	
Material	**Location**
None Detected.	

CONCLUSIONS AND RECOMMENDATIONS

Results of analysis confirmed asbestos was identified in concentrations greater than 1% within some of the bulk samples collected. The identified asbestos-containing materials were found to be in good condition at the time of the inspection. The materials that are, or may become friable during demolition, must be removed prior to their disturbance using OSHA Class II abatement procedures.

Federal regulations require notifications prior to the removal of friable asbestos-containing materials or non-friable asbestos-containing materials expected to become friable during the project. If the quantity of the asbestos to be removed is greater than or equal to 160 square/260 linear feet, the contractor shall submit an asbestos notification at least ten working days to South Carolina Department of Environmental Services (SCDEC) before asbestos removal begins. Removal shall be performed following all applicable local and federal regulations.

The U.S. EPA and South Carolina require that all asbestos-containing material that may become friable during the course of the project be removed prior to renovation or demolition. Confirmed or suspect asbestos-containing materials disturbed during demolition or abatement activities must be handled and disposed of in accordance with applicable local and Federal regulations.

Abatement of ACM shall be performed by a SCDEC-licensed Asbestos Abatement Firm employing SCDEC-licensed Asbestos Abatement Supervisors and Workers with a licensed asbestos supervisor onsite at all times during asbestos abatement activities.

Materials uncovered during renovation or demolition activities that are not addressed in this inspection report must be sampled by a licensed asbestos inspector prior to any disturbance. This survey was non-destructive in nature, in that walls or other structural elements were not disturbed to locate hidden materials, however, hidden suspect ACM may still be present. Hidden ACM materials (e.g., duct insulation and fireproofing on inaccessible columns) may be encountered during demolition.

We appreciate the opportunity to assist you with your environmental compliance needs. If you have any questions or comments, please feel free to contact us.

Yours truly,
One Source Environmental, LLC

Kathryn O. Hubicki
President
South Carolina-accredited Asbestos Building Inspector

DISCLAIMER

The content presented in this report is based on data collected during the site inspection and survey, review of pertinent regulations, requirements, guidelines and commonly followed industry standards, and information provided by the Client, their clients, agents, and representatives.

The PLM analytical method used to facilitate this inspection is the specified method for analysis of bulk material samples under EPA regulations, however, this method may not identify asbestos when fiber sizes are extremely small or if they are non-organically bound (NOB) in a resinous material. As a result, EPA recommends analyzing such materials (floor tiles, mastics, and asphaltic roofing materials) using Transmission Electron Microscopy (TEM) when PLM analysis does not detect asbestos in quantities greater than 1%.

The work has been conducted in an objective and unbiased manner and in accordance with generally accepted professional practice for this type of work. One Source Environmental believes the data and analysis to be accurate and relevant but cannot accept responsibility for the accuracy or completeness of available documentation or possible withholding of information of other parties.

This hazardous materials survey report is designed to aid the property owner, architect, construction manager, general contractor, and asbestos abatement contractor in locating ACM. This report is not intended for and may not be utilized as a bidding document or as an abatement project specification document.

This report is provided for the sole use of the Client. Reliance on this report by any third parties will be at such party's sole risk, and One Source Environmental disclaims liability for any use of or reliance on this report by third parties. All portions of this report, including attachments and figures, are interrelated and integral to this report and should not be transmitted independent of each other.

SAMPLE SUMMARY TABLE

Highland Square Apartments – Building A					
Sample #	**Layer #**	**Sample Location**	**Description**	**Asbestos Type**	**Asbestos %**
1A	1	A1, Kitchen	Drywall	N/A	NAD
1B	1	A2, Utility	Drywall	N/A	NAD
1C	1	A5, Utility	Drywall	N/A	NAD
2A	1	A1, Kitchen	Joint Compound	N/A	NAD
2B	1	A2, Kitchen	Joint Compound	N/A	NAD
2C	1	A3, Utility	Joint Compound	N/A	NAD
2D	1	A4, Kitchen	Joint Compound	N/A	NAD
2E	1	A5, Kitchen	Joint Compound	N/A	NAD
2F	1	A6, Kitchen	Joint Compound	N/A	NAD
2G	1	A7, Hallway	Joint Compound	N/A	NAD
3A	1	A1, Living Room	White Ceiling Texture	N/A	NAD
3B	1	A2, Living Room	White Ceiling Texture	N/A	NAD
3C	1	A3, Kitchen	White Ceiling Texture	N/A	NAD
3D	1	A4, Utility	White Ceiling Texture	N/A	NAD
3E	1	A5, Living Room	White Ceiling Texture	N/A	NAD
3F	1	A6, Utility	White Ceiling Texture	N/A	NAD
3G	1	A7, Kitchen	White Ceiling Texture	N/A	NAD
4A	1	A1, Kitchen	White Interior Caulking	N/A	NAD*
4B	1	A2, Living Room	White Interior Caulking	N/A	NAD
4C	1	A5, Living Room	White Interior Caulking	N/A	NAD
5A	1	A1, Kitchen	4" Beige Cove Base	N/A	NAD*
	2		Beige Mastic	N/A	NAD*
5B	1	A2, Kitchen	4" Beige Cove Base	N/A	NAD
	2		Beige Mastic	N/A	NAD
	3		White Compound	N/A	NAD
5C	1	A5, Kitchen	4" Beige Cove Base	N/A	NAD
	2		Beige Mastic	N/A	NAD
	3		White Compound	N/A	NAD
6A	1	A1, Kitchen	4" Brown Wood Pattern Vinyl Plank	N/A	NAD
	2		Yellow Mastic	N/A	NAD
6B	1	A2, Utility	4" Brown Wood Pattern Vinyl Plank	N/A	NAD*
	2		Yellow Mastic	N/A	NAD*
6C	1	A5, Utility	4" Brown Wood Pattern Vinyl Plank	N/A	NAD
	2		Yellow Mastic	N/A	NAD
7A	1	**A1, Utility**	Silver Foil	N/A	NAD
7A	**2**		**White HVAC Duct Mastic**	**Chrysotile**	**3%**
7B	1	**A2, Utility**	Silver Foil	N/A	NAD
7B	**2**		**White HVAC Duct Mastic**	**Chrysotile**	**3%**

Highland Square Apartments – Building A					
Sample #	**Layer #**	**Sample Location**	**Description**	**Asbestos Type**	**Asbestos %**
7C	1	**A5, Utility**	Silver Foil	N/A	NAD
7C	**2**		**White HVAC Duct Mastic**	**Chrysotile**	**3%**
8A	1	A5, Utility	Gray/Beige 12"X12" Vinyl Floor Tile, Base Layer	N/A	NAD*
8A	2		Transparent Mastic	N/A	NAD*
8B	1	A6, Utility	Gray/Beige 12"X12" Vinyl Floor Tile, Base Layer	N/A	NAD
8B	2		Transparent Mastic	N/A	NAD
8C	1	A7, Utility	Gray/Beige 12"X12" Vinyl Floor Tile, Base Layer	N/A	NAD
8C	2		Transparent Mastic	N/A	NAD
84A	1	Exterior, Front	Black Roof Shingle	N/A	NAD*
84B	1	Exterior, Front	Black Roof Shingle	N/A	NAD
84C	1	Exterior, Front	Black Roof Shingle	N/A	NAD
85A	1	Exterior, Front	Black Roof Felt	N/A	NAD*
85B	1	Exterior, Front	Black Roof Felt	N/A	NAD
85C	1	Exterior, Front	Black Roof Felt	N/A	NAD
86A	1	Exterior, Front	Exterior Window Caulk	N/A	NAD*
86B	1	Exterior, Rear	Exterior Window Caulk	N/A	NAD
86C	1	Exterior, Front	Exterior Window Caulk	N/A	NAD
87A	1	Exterior, Central	Exterior Door Caulk	N/A	NAD*
87B	1	Exterior, Central	Exterior Door Caulk	N/A	NAD
87C	1	Exterior, Central	Exterior Door Caulk	N/A	NAD

* = analyzed via TEM analysis

Highland Square Apartments – Building B					
Sample #	**Layer #**	**Sample Location**	**Description**	**Asbestos Type**	**Asbestos %**
9A	1	B17, Bathroom	White Joint Compound	N/A	NAD
9A	2		White Drywall w/ Brown Paper	N/A	NAD
9B	1	B19, Utility	White Joint Compound	N/A	NAD
9B	2		White Drywall w/ Brown Paper	N/A	NAD
9C	1	B21, Utility	White Joint Compound	N/A	NAD
9C	2		White Drywall w/ Brown Paper	N/A	NAD
10A	1	B17, Kitchen	Joint Compound	N/A	NAD
10B	1	B19, Kitchen	Joint Compound	N/A	NAD
10C	1	B20, Utility	Joint Compound	N/A	NAD
10D	1	B21, Kitchen	Joint Compound	N/A	NAD
10E	1	B22, Bathroom	Joint Compound	N/A	NAD
10F	1	B24, Hallway	Joint Compound	N/A	NAD
10G	1	B25, Hallway	Joint Compound	N/A	NAD
11A	1	B17, Hallway	White Ceiling Texture	N/A	NAD
11B	1	B19, Living Room	White Ceiling Texture	N/A	NAD

Highland Square Apartments – Building B					
Sample #	**Layer #**	**Sample Location**	**Description**	**Asbestos Type**	**Asbestos %**
11C	1	B20, Kitchen	White Ceiling Texture	N/A	NAD
11D	1	B21, Living Room	White Ceiling Texture	N/A	NAD
11E	1	B22, Hallway	White Ceiling Texture	N/A	NAD
11F	1	B24, Kitchen	White Ceiling Texture	N/A	NAD
11G	1	B25, Living Room	White Ceiling Texture	N/A	NAD
12A	1	B17, Kitchen	White Interior Caulking	N/A	NAD
12B	1	B19, Living Room	White Interior Caulking	N/A	NAD*
12C	1	B21, Kitchen	White Interior Caulking	N/A	NAD
13A	1	B17, Kitchen	4" Beige Cove Base	N/A	NAD
13A	2		Tan Glue	N/A	NAD
13A	3		White Compound	N/A	NAD
13B	1	B19, Kitchen	4" Beige Cove Base	N/A	NAD*
13B	2		Tan Glue	N/A	NAD*
13B	3		White Compound	N/A	NAD
13C	1	B21, Kitchen	4" Beige Cove Base	N/A	NAD
13C	2		Tan Glue	N/A	NAD
13C	3		White Compound	N/A	NAD
14A	1	B17, Bathroom	4" Brown Wood Pattern Vinyl Plank	N/A	NAD
14B	1	B19, Kitchen	4" Brown Wood Pattern Vinyl Plank	N/A	NAD*
14C	1	B21, Utility	4" Brown Wood Pattern Vinyl Plank	N/A	NAD
15A	1	B17, Utility	White HVAC Duct Mastic	N/A	NAD
15B	**1**	**B20, Utility**	**White HVAC Duct Mastic**	**Chrysotile**	**2%**
15B	2		Yellow Mastic	N/A	NAD
15C	**1**	**B24, Utility**	**White HVAC Duct Mastic**	**Chrysotile**	**<1%**
16A	**1**	**B19, Utility**	**Gray/Beige 12"X12" Vinyl Floor Tile, Base Layer**	**Chrysotile**	**3%**
16A	**2**		**Black Mastic**	**Chrysotile**	**3%**
16B	**1**	**B20, Utility**	**Gray/Beige 12"X12" Vinyl Floor Tile, Base Layer**	**Chrysotile**	**3%**
16B	**2**		**Black Mastic**	**Chrysotile**	**3%**
16C	1	**B21, Utility**	Gray/Beige 12"X12" Vinyl Floor Tile, Base Layer	N/A	NAD*
16C	**2**		**Yellow Mastic**	**Chrysotile**	**2.22%***
88A	1	Exterior, Front	Black Roof Shingle	N/A	NAD*
88B	1	Exterior, Front	Black Roof Shingle	N/A	NAD
88C	1	Exterior, Front	Black Roof Shingle	N/A	NAD
89A	1	Exterior, Front	Black Exterior Roof Mastic	N/A	NAD*
89B	1	Exterior, Front	Black Exterior Roof Mastic	N/A	NAD
89C	1	Exterior, Front	Black Exterior Roof Mastic	N/A	NAD
90A	1	Exterior, Front	Exterior Window Caulk	N/A	NAD*

Highland Square Apartments – Building B					
Sample #	Layer #	Sample Location	Description	Asbestos Type	Asbestos %
90B	1	Exterior, Rear	Exterior Window Caulk	N/A	NAD
90C	1	Exterior, Front	Exterior Window Caulk	N/A	NAD
91A	1	Exterior, Central	Exterior Door Caulk	N/A	NAD*
91B	1	Exterior, Central	Exterior Door Caulk	N/A	NAD
91C	1	Exterior, Central	Exterior Door Caulk	N/A	NAD

* = analyzed via TEM analysis

Highland Square Apartments – Building C					
Sample #	Layer #	Sample Location	Description	Asbestos Type	Asbestos %
17A	1	C41, Utility	White Compound	N/A	NAD
17A	2		White Drywall w/ Brown Paper	N/A	NAD
17B	1	C42, Utility	White Drywall w/ Brown Paper	N/A	NAD
17C	1	C45 Laundry	White Drywall w/ Brown Paper	N/A	NAD
18A	1	C41, Kitchen	Joint Compound	N/A	NAD
18B	1	C42, Utility	Joint Compound	N/A	NAD
18C	1	C43, Dining	Joint Compound	N/A	NAD
18D	1	C44, Kitchen	Joint Compound	N/A	NAD
18E	1	C45, Kitchen	Joint Compound	N/A	NAD
18F	1	C46, Kitchen	Joint Compound	N/A	NAD
18G	1	C47, Dining	Joint Compound	N/A	NAD
19A	1	C41, Living Room	White Ceiling Texture	N/A	NAD
19B	1	C42, Kitchen	White Ceiling Texture	N/A	NAD
19C	1	C43, Living Room	White Ceiling Texture	N/A	NAD
19D	1	C44, Dining Room	White Ceiling Texture	N/A	NAD
19E	1	C45, Hallway	White Ceiling Texture	N/A	NAD
19F	1	C46, Living Room	White Ceiling Texture	N/A	NAD
19G	1	C47, Dining	White Ceiling Texture	N/A	NAD
20A	1	C41, Living Room	White Interior Caulking	N/A	NAD*
20B	1	C42, Kitchen	White Interior Caulking	N/A	NAD
20C	1	C45, Kitchen	White Interior Caulking	N/A	NAD
21A	1	C41, Kitchen	4" Beige Cove Base	N/A	NAD
21A	2		Cream Glue	N/A	NAD
21A	3		Off-White Compound	N/A	NAD
21B	1	C42, Kitchen	4" Beige Cove Base	N/A	NAD*
21B	2		Cream Glue	N/A	NAD*
21C	1	C45, Kitchen	4" Beige Cove Base	N/A	NAD
21C	2		Cream Glue	N/A	NAD
21C	3		Off-White Compound	N/A	NAD
22A	1	C41, Utility	4" Brown Wood Pattern Vinyl Plank	N/A	NAD

Highland Square Apartments – Building C					
Sample #	Layer #	Sample Location	Description	Asbestos Type	Asbestos %
22B	1	C42, Utility	4" Brown Wood Pattern Vinyl Plank	N/A	NAD*
22C	1	C46, Kitchen	4" Brown Wood Pattern Vinyl Plank	N/A	NAD
23A	1	C41, Utility	Cream Tape	N/A	NAD
23A	2		Yellow Mastic	N/A	NAD*
23B	1	C42, Utility	Cream Tape	N/A	NAD
23B	2		Yellow Mastic	N/A	NAD
23C	1	C45, Utility	Cream Tape	N/A	NAD
23C	2		Silver Foil	N/A	NAD
24A	1	C41, Utility	Gray 12"X12" Vinyl Floor Tile, Base Layer	N/A	NAD
24B	1	C42, Utility	Gray 12"X12" Vinyl Floor Tile, Base Layer	N/A	NAD
24C	1	C45, Utility	Gray 12"X12" Vinyl Floor Tile, Base Layer	N/A	NAD*
24C	2		Brown Mastic	N/A	NAD*
25A	1	C45, Utility	Light Brown 12"X12" Vinyl Floor Tile, Base Layer	N/A	NAD*
25B	1	C45, Utility	Light Brown 12"X12" Vinyl Floor Tile, Base Layer	N/A	NAD
25C	1	C45, Utility	Light Brown 12"X12" Vinyl Floor Tile, Base Layer	N/A	NAD
25C	2	C45, Utility	Transparent Mastic	N/A	NAD
92A	1	Exterior, Front	Black Roof Shingle	N/A	NAD*
92B	1	Exterior, Front	Black Roof Shingle	N/A	NAD
92C	1	Exterior, Front	Black Roof Shingle	N/A	NAD
93A	1	Exterior, Front	Exterior Window Caulk	N/A	NAD*
93B	1	Exterior, Rear	Exterior Window Caulk	N/A	NAD
93C	1	Exterior, Front	Exterior Window Caulk	N/A	NAD
94A	1	Exterior, Central	Exterior Door Caulk	N/A	NAD*
94B	1	Exterior, Central	Exterior Door Caulk	N/A	NAD
94C	1	Exterior, Central	Exterior Door Caulk	N/A	NAD

* = analyzed via TEM analysis

Highland Square Apartments – Building D					
Sample #	Layer #	Sample Location	Description	Asbestos Type	Asbestos %
26A	1	D49, Kitchen	Drywall	N/A	NAD
26B	1	D50, Hallway	White Joint Compound	N/A	NAD
26B	2		White Drywall w/ Brown Paper	N/A	NAD
26C	1	D53, Laundry	Drywall	N/A	NAD
27A	1	D49, Kitchen	Joint Compound	N/A	NAD

Highland Square Apartments – Building D					
Sample #	**Layer #**	**Sample Location**	**Description**	**Asbestos Type**	**Asbestos %**
27B	1	D50, Hallway	Joint Compound	N/A	NAD
27C	1	D51, Kitchen	Joint Compound	N/A	NAD
27D	1	D52, Kitchen	Joint Compound	N/A	NAD
27E	1	D53, Kitchen	Joint Compound	N/A	NAD
27F	1	D54, Kitchen	Joint Compound	N/A	NAD
27G	1	D55, Kitchen	Joint Compound	N/A	NAD
28A	1	D49, Hallway	White Ceiling Texture	N/A	NAD
28B	1	D50, Dining Room	White Ceiling Texture	N/A	NAD
28C	1	D51, Hallway	White Ceiling Texture	N/A	NAD
28D	1	D52, Hallway	White Ceiling Texture	N/A	NAD
28E	1	D53, Living Room	White Ceiling Texture	N/A	NAD
28F	1	D54, Kitchen	White Ceiling Texture	N/A	NAD
28G	1	D55, Hallway	White Ceiling Texture	N/A	NAD
29A	1	D49, Kitchen	White Interior Caulking	N/A	NAD*
29B	1	D50, Living Room	White Interior Caulking	N/A	NAD
29C	1	D53, Kitchen	White Interior Caulking	N/A	NAD
30A	1	D49, Kitchen	4" Beige Cove Base	N/A	NAD
30A	2		Tan Glue	N/A	NAD
30B	1	D50, Kitchen	4" Beige Cove Base	N/A	NAD*
30B	2		Tan Glue	N/A	NAD*
30B	3		Off-White Compound	N/A	NAD
30C	1	D53, Kitchen	4" Beige Cove Base	N/A	NAD
30C	2		Tan Glue	N/A	NAD
30C	3		Off-White Compound	N/A	NAD
31A	1	D49, Utility	4" Brown Wood Pattern Vinyl Plank	N/A	NAD*
31B	1	D50, Bathroom	4" Brown Wood Pattern Vinyl Plank	N/A	NAD
31C	1	D53, Utility	4" Brown Wood Pattern Vinyl Plank	N/A	NAD
32A	1	D49, Utility	White Compound	N/A	NAD
32A	2		White Tape	N/A	NAD
32A	3		Yellow Mastic	N/A	NAD
32B	1	D50, Utility	White Compound	N/A	NAD
32B	2		White Tape	N/A	NAD
32B	3		Yellow Mesh	N/A	NAD
32B	4		Yellow Mastic	N/A	NAD
32C	**1**	**D53, Utility**	**Gray/White Mastic**	**Chrysotile**	**4%**
32C	2		White Tape	N/A	NAD
32C	3		Yellow Mastic	N/A	NAD

Highland Square Apartments – Building D					
Sample #	Layer #	Sample Location	Description	Asbestos Type	Asbestos %
33A	1	D49, Utility	Gray 12"X12" Vinyl Floor Tile, Base Layer	N/A	NAD*
33A	2	D49, Utility	Gray Mastic	N/A	NAD*
33B	1	D51, Utility	Gray 12"X12" Vinyl Floor Tile, Base Layer	N/A	NAD*
33C	1	D53, Utility	Gray 12"X12" Vinyl Floor Tile, Base Layer	N/A	NAD
95A	1	Exterior, Front	Black Roof Shingle	N/A	NAD*
95B	1	Exterior, Front	Black Roof Shingle	N/A	NAD
95C	1	Exterior, Front	Black Roof Shingle	N/A	NAD
96A	1	Exterior, Front	Black Roof Felt	N/A	NAD*
96B	1	Exterior, Front	Black Roof Felt	N/A	NAD
96C	1	Exterior, Front	Black Roof Felt	N/A	NAD
97A	1	Exterior, Front	Exterior Window Caulk	N/A	NAD*
97B	1	Exterior, Rear	Exterior Window Caulk	N/A	NAD
97C	1	Exterior, Front	Exterior Window Caulk	N/A	NAD
98A	1	Exterior, Central	Exterior Door Caulk	N/A	NAD
98B	1	Exterior, Central	Exterior Door Caulk	N/A	NAD
98C	1	Exterior, Central	Exterior Door Caulk	N/A	NAD

* = analyzed via TEM analysis

Highland Square Apartments – Building E					
Sample #	Layer #	Sample Location	Description	Asbestos Type	Asbestos %
34A	1	E58, Utility	White Drywall w/ Brown Paper	N/A	NAD
34B	1	E59, Kitchen	White Drywall w/ Brown Paper	N/A	NAD
34C	1	E63, Hallway	White Joint Compound w/ Paint	N/A	NAD
34C	2		White Drywall w/ Brown Paper	N/A	NAD
35A	1	E58, Utility	Joint Compound	N/A	NAD
35B	1	E59, Laundry	Joint Compound	N/A	NAD
35C	1	E60, Kitchen	Joint Compound	N/A	NAD
35D	1	E60, Hallway	Joint Compound	N/A	NAD
35E	1	E62, Hallway	Joint Compound	N/A	NAD
35F	1	E63, Hallway	Joint Compound	N/A	NAD
35F	2		Brown/Black Mastic	N/A	NAD
35G	1	E64, Kitchen	Joint Compound	N/A	NAD
36A	1	E58, Hallway	White Ceiling Texture	N/A	NAD
36B	1	E59, Hallway	White Ceiling Texture	N/A	NAD
36C	1	E60, Dining Room	White Ceiling Texture	N/A	NAD
36D	1	E61, Dining Room	White Ceiling Texture	N/A	NAD

Highland Square Apartments – Building E					
Sample #	Layer #	Sample Location	Description	Asbestos Type	Asbestos %
36E	1	E62, Hallway	White Ceiling Texture	N/A	NAD
36F	1	E63, Dining Room	White Ceiling Texture	N/A	NAD
36G	1	E64, Hallway	White Ceiling Texture	N/A	NAD
37A	1	E58, Kitchen	White Interior Caulking	N/A	NAD*
37B	1	E60, Living Room	White Interior Caulking	N/A	NAD
37C	1	E63, Living Room	White Interior Caulking	N/A	NAD
37C	2		White Compound	N/A	NAD
38A	1	E58, Kitchen	4" Beige Cove Base	N/A	NAD*
38A	2		White Glue	N/A	NAD*
38B	1	E60, Kitchen	4" Beige Cove Base	N/A	NAD
38B	2		Tan Glue	N/A	NAD
38B	3		White Compound	N/A	NAD
38C	1	E63, Kitchen	4" Beige Cove Base	N/A	NAD
38C	2		Tan Glue	N/A	NAD
38C	3		White Compound	N/A	NAD
39A	1	E58, Utility	4" Brown Wood Pattern Vinyl Plank	N/A	NAD*
39B	1	E60, Utility	4" Brown Wood Pattern Vinyl Plank	N/A	NAD
39B	2		Yellow Mastic	N/A	NAD
39C	1	E62, Bathroom	4" Brown Wood Pattern Vinyl Plank	N/A	NAD
40A	1	E59, Utility	Silver Foil	N/A	NAD
40A	2		Yellow Mastic	N/A	NAD
40A	3		Yellow Insulation	N/A	NAD
40B	1	E60, Utility	Silver Foil	N/A	NAD
40B	2		Yellow Mesh	N/A	NAD
40B	3		Yellow Mastic	N/A	NAD
40C	1	E63, Utility	Silver Tape	N/A	NAD
40C	2		Yellow Mesh	N/A	NAD
40C	3		Gray Mastic	N/A	NAD
40C	4		Black Foam	N/A	NAD
41A	1	E58, Utility	Beige 12"X12" Vinyl Floor Tile, Base Layer	N/A	NAD
41B	1	E59, Utility	Beige 12"X12" Vinyl Floor Tile, Base Layer	N/A	NAD
41C	1	E64, Utility	Beige 12"X12" Vinyl Floor Tile, Base Layer	N/A	NAD
42A	1	E58, Kitchen	Gray 4" Vinyl Floor Plank	N/A	NAD
42B	1	E58, Kitchen	Gray 4" Vinyl Floor Plank	N/A	NAD*

Highland Square Apartments – Building E					
Sample #	Layer #	Sample Location	Description	Asbestos Type	Asbestos %
42C	1	E58, Kitchen	Gray 4" Vinyl Floor Plank	N/A	NAD
99A	1	Exterior, Front	Black Roof Shingle	N/A	NAD*
99B	1	Exterior, Front	Black Roof Shingle	N/A	NAD
99C	1	Exterior, Front	Black Roof Shingle	N/A	NAD
100A	1	Exterior, Front	Black Exterior Roof Mastic	N/A	NAD*
100B	1	Exterior, Front	Black Exterior Roof Mastic	N/A	NAD
100C	1	Exterior, Front	Black Exterior Roof Mastic	N/A	NAD
101A	1	Exterior, Front	Exterior Window Caulk	N/A	NAD*
101B	1	Exterior, Rear	Exterior Window Caulk	N/A	NAD
101C	1	Exterior, Front	Exterior Window Caulk	N/A	NAD
102A	1	Exterior, Central	Exterior Door Caulk	N/A	NAD*
102B	1	Exterior, Central	Exterior Door Caulk	N/A	NAD
102C	1	Exterior, Central	Exterior Door Caulk	N/A	NAD

* = analyzed via TEM analysis

Highland Square Apartments – Building F					
Sample #	Layer #	Sample Location	Description	Asbestos Type	Asbestos %
43A	1	F77, Kitchen	Drywall	N/A	NAD
43B	1	F78, Pantry	White Compound w/ Paint (Trace)	N/A	NAD
43B	2		Drywall w/ Brown Paper	N/A	NAD
43C	1	F80, Utility	Drywall	N/A	NAD
44A	1	F77, Kitchen	Joint Compound	N/A	NAD
44B	1	F78, Kitchen	Joint Compound	N/A	NAD
44C	1	F80, Kitchen	Joint Compound	N/A	NAD
44C	2		Yellow Glue	N/A	NAD
44D	1	F81, Utility	Joint Compound	N/A	NAD
44E	1	F83, Kitchen	Joint Compound	N/A	NAD
44E	2		Drywall w/ Brown Paper	N/A	NAD
44F	1	F86, Kitchen	Joint Compound	N/A	NAD
44G	1	F84, Kitchen	Joint Compound	N/A	NAD
45A	1	F77, Living Room	White Ceiling Texture	N/A	NAD
45B	1	F78, Hallway	White Ceiling Texture	N/A	NAD
45C	1	F80, Hallway	White Ceiling Texture	N/A	NAD
45D	1	F81, Living Room	White Ceiling Texture	N/A	NAD
45E	1	F83, Dining Room	White Ceiling Texture	N/A	NAD
45F	1	F86, Living Room	White Ceiling Texture	N/A	NAD
45G	1	F84, Living Room	White Ceiling Texture	N/A	NAD
46A	1	F77, Kitchen	White Interior Caulking	N/A	NAD

Highland Square Apartments – Building F					
Sample #	Layer #	Sample Location	Description	Asbestos Type	Asbestos %
46B	1	F78, Living Room	White Interior Caulking	N/A	NAD*
46C	1	F80, Kitchen	White Interior Caulking	N/A	NAD
47A	1	F77, Kitchen	4" Beige Cove Base	N/A	NAD*
47A	2		Beige Mastic	N/A	NAD*
47A	3		White Compound	N/A	NAD
47B	1	F78, Kitchen	4" Beige Cove Base	N/A	NAD
47B	2		Beige Mastic	N/A	NAD
47B	3		White Compound	N/A	NAD
47C	1	F80, Kitchen	4" Beige Cove Base	N/A	NAD
47C	2		Beige Mastic	N/A	NAD
47C	3		White Compound	N/A	NAD
48A	1	F77, Bathroom	4" Brown Wood Pattern Vinyl Plank	N/A	NAD
48B	1	F80, Bathroom	4" Brown Wood Pattern Vinyl Plank	N/A	NAD*
48C	1	F81, Bathroom	4" Brown Wood Pattern Vinyl Plank	N/A	NAD
49A	1	F77, Utility	White HVAC Duct Mastic	N/A	NAD
49A	2		Silver Foil	N/A	NAD
49B	1	F78, Utility	White HVAC Duct Mastic	N/A	NAD
49B	2		Silver Foil	N/A	NAD
49C	1	F80, Utility	White HVAC Duct Mastic	N/A	NAD
49C	2		Silver Foil	N/A	NAD
50A	1	F78, Hallway	Gray 4" Vinyl Floor Plank	N/A	NAD*
50B	1	F78, Hallway	Gray 4" Vinyl Floor Plank	N/A	NAD
50C	1	F78, Hallway	Gray 4" Vinyl Floor Plank	N/A	NAD
51A	1	F77, Kitchen	White Wall Texture	N/A	NAD
51B	1	F77, Hallway	White Wall Texture	N/A	NAD
51C	1	F80, Kitchen	White Wall Texture	N/A	NAD
51D	1	F80, Utility	White Wall Texture	N/A	NAD
51E	1	F83, Hallway	White Wall Texture	N/A	NAD
51F	1	F83, Hallway	White Wall Texture	N/A	NAD
51G	1	F84, Utility	White Wall Texture	N/A	NAD
103A	1	Exterior, Front	Black Roof Shingle	N/A	NAD*
103B	1	Exterior, Front	Black Roof Shingle	N/A	NAD
103C	1	Exterior, Front	Black Roof Shingle	N/A	NAD
104A	1	Exterior, Front	Black Exterior Roof Mastic	N/A	NAD*
104B	1	Exterior, Front	Black Exterior Roof Mastic	N/A	NAD
104C	1	Exterior, Front	Black Exterior Roof Mastic	N/A	NAD
105A	1	Exterior, Front	Exterior Window Caulk	N/A	NAD*

Highland Square Apartments – Building F					
Sample #	Layer #	Sample Location	Description	Asbestos Type	Asbestos %
105B	1	Exterior, Rear	Exterior Window Caulk	N/A	NAD
105C	1	Exterior, Front	Exterior Window Caulk	N/A	NAD
106A	1	Exterior, Central	Exterior Door Caulk	N/A	NAD*
106B	1	Exterior, Central	Exterior Door Caulk	N/A	NAD
106C	1	Exterior, Central	Exterior Door Caulk	N/A	NAD

* = analyzed via TEM analysis

Highland Square Apartments – Building G					
Sample #	Layer #	Sample Location	Description	Asbestos Type	Asbestos %
52A	1	G97, Laundry	Drywall	N/A	NAD
52B	1	G98, Kitchen	Drywall	N/A	NAD
52C	1	G104, Laundry	Drywall	N/A	NAD
53A	1	G97, Kitchen	Joint Compound	N/A	NAD
53B	1	G98, Kitchen	Joint Compound	N/A	NAD
53C	1	G99, Hallway	Joint Compound	N/A	NAD
53D	1	G100, Dining Room	Joint Compound	N/A	NAD
53E	1	G104, Kitchen	Joint Compound	N/A	NAD
53F	1	G101, Dining	Joint Compound	N/A	NAD
53G	1	G102, Kitchen	Joint Compound	N/A	NAD
54A	1	G97, Hallway	White Ceiling Texture	N/A	NAD
54B	1	G98, Hallway	White Ceiling Texture	N/A	NAD
54C	1	G99, Living Room	White Ceiling Texture	N/A	NAD
54D	1	G100, Hallway	White Ceiling Texture	N/A	NAD
54E	1	G104, Utility	White Ceiling Texture	N/A	NAD
54F	1	G101, Dining	White Ceiling Texture	N/A	NAD
54G	1	G102, Hallway	White Ceiling Texture	N/A	NAD
55A	1	G97, Kitchen	White Interior Caulking	N/A	NAD*
55B	1	G98, Living Room	White Interior Caulking	N/A	NAD
55C	1	G104, Kitchen	White Interior Caulking	N/A	NAD
56A	1	G97, Kitchen	4" Beige Cove Base	N/A	NAD*
56A	2	G97 Kitchen	Beige Mastic	N/A	NAD*
56B	1	G98, Living Room	4" Beige Cove Base	N/A	NAD
56B	2		Beige Mastic	N/A	NAD
56C	1	G104, Kitchen	4" Beige Cove Base	N/A	NAD
56C	2		Beige Mastic	N/A	NAD
57A	1	G97, Bathroom	4" Brown Wood Pattern Vinyl Plank	N/A	NAD*
57B	1	G98, Utility	4" Brown Wood Pattern Vinyl Plank	N/A	NAD

Highland Square Apartments – Building G					
Sample #	**Layer #**	**Sample Location**	**Description**	**Asbestos Type**	**Asbestos %**
57C	1	G104, Utility	4" Brown Wood Pattern Vinyl Plank	N/A	NAD
58A	1	G97, Utility	White HVAC Duct Mastic	N/A	NAD
58A	2		Silver Foil	N/A	NAD
58B	1	G98, Utility	Pink Insulation	N/A	NAD
58B	2		Silver Foil	N/A	NAD
58C	**1**	**G104, Utility**	**White HVAC Duct Mastic**	**Chrysotile**	**3%**
58C	2		Silver Foil	N/A	NAD
59A	1	G99, Kitchen	Beige Vinyl Flooring, 2 Layers	N/A	NAD*
59B	1	G99, Kitchen	Beige Vinyl Flooring, 2 Layers	N/A	NAD
59C	1	G99, Kitchen	Beige Vinyl Flooring, 2 Layers	N/A	NAD
107A	1	Exterior, Front	Black Roof Shingle	N/A	NAD*
107B	1	Exterior, Front	Black Roof Shingle	N/A	NAD
107C	1	Exterior, Front	Black Roof Shingle	N/A	NAD
108A	1	Exterior, Front	Black Roof Felt	N/A	NAD*
108B	1	Exterior, Front	Black Roof Felt	N/A	NAD
108C	1	Exterior, Front	Black Roof Felt	N/A	NAD
109A	1	Exterior, Front	Exterior Window Caulk	N/A	NAD*
109B	1	Exterior, Rear	Exterior Window Caulk	N/A	NAD
109C	1	Exterior, Front	Exterior Window Caulk	N/A	NAD
110A	1	Exterior, Central	Exterior Door Caulk	N/A	NAD*
110B	1	Exterior, Central	Exterior Door Caulk	N/A	NAD
110C	1	Exterior, Central	Exterior Door Caulk	N/A	NAD

* = analyzed via TEM analysis

Highland Square Apartments – Building H					
Sample #	**Layer #**	**Sample Location**	**Description**	**Asbestos Type**	**Asbestos %**
60A	1	H108, Laundry	Drywall	N/A	NAD
60B	1	H107, Laundry	Drywall	N/A	NAD
60C	1	H111, Hallway	Drywall	N/A	NAD
61A	1	H108, Kitchen	Joint Compound	N/A	NAD
61B	1	H107, Kitchen	Joint Compound	N/A	NAD
61C	1	H107, Hallway	Joint Compound	N/A	NAD
61D	1	H111, Kitchen	Joint Compound	N/A	NAD
61E	1	H110, Kitchen	Joint Compound	N/A	NAD
61F	1	H112, Utility	Joint Compound	N/A	NAD
61G	1	H109, Utility	Joint Compound	N/A	NAD
62A	1	H108, Bathroom	White Ceiling Texture	N/A	NAD
62B	1	H107, Living Room	White Ceiling Texture	N/A	NAD

Highland Square Apartments – Building H					
Sample #	**Layer #**	**Sample Location**	**Description**	**Asbestos Type**	**Asbestos %**
62C	1	H107, Hallway	White Ceiling Texture	N/A	NAD
62D	1	H111, Hallway	White Ceiling Texture	N/A	NAD
62E	1	H110, Living Room	White Ceiling Texture	N/A	NAD
62F	1	H112, Living Room	White Ceiling Texture	N/A	NAD
62G	1	H109, Bedroom	White Ceiling Texture	N/A	NAD
63A	1	H108, Living Room	White Interior Caulking	N/A	NAD*
63B	1	H107, Kitchen	White Interior Caulking	N/A	NAD
63C	1	H111, Living Room	White Interior Caulking	N/A	NAD
64A	1	H108, Kitchen	4" Beige Cove Base	N/A	NAD*
64A	2		Beige Mastic	N/A	NAD*
64B	1	H107, Kitchen	4" Beige Cove Base	N/A	NAD
64B	2		Beige Mastic	N/A	NAD
64C	1	H111, Kitchen	4" Beige Cove Base	N/A	NAD
64C	2		Beige Mastic	N/A	NAD
65A	1	H108, Utility	4" Brown Wood Pattern Vinyl Plank	N/A	NAD*
65B	1	H107, Utility	4" Brown Wood Pattern Vinyl Plank	N/A	NAD
65C	1	H111, Utility	4" Brown Wood Pattern Vinyl Plank	N/A	NAD
66A	**1**	**H108, Utility**	**White HVAC Duct Mastic**	**Chrysotile**	**5%**
66A	2		Silver Foil	N/A	NAD
66B	1	H107, Utility	White HVAC Duct Mastic	N/A	NAD
66B	2		Silver Foil	N/A	NAD
66C	**1**	**H111, Utility**	**White HVAC Duct Mastic**	**Chrysotile**	**5%**
66C	2		Silver Foil	N/A	NAD
67A	1	H108, Kitchen	Beige Vinyl Sheet Flooring, 2nd Layer	N/A	NAD*
67B	1	H111, Kitchen	Beige Vinyl Sheet Flooring, 2nd Layer	N/A	NAD
67C	1	H109, Kitchen	Beige Vinyl Sheet Flooring, 2nd Layer	N/A	NAD
68A	1	H108, Utility	Off-White Vinyl Sheet Flooring, 2nd Layer	N/A	NAD*
68B	1	H107, Utility	Off-White Vinyl Sheet Flooring, 2nd Layer	N/A	NAD
68C	1	H112, Utility	Off-White Vinyl Sheet Flooring, 2nd Layer	N/A	NAD
111A	1	Exterior, Front	Orange/Black Roof Shingle	N/A	NAD*
111B	1	Exterior, Front	Orange/Black Roof Shingle	N/A	NAD
111C	1	Exterior, Front	Orange/Black Roof Shingle	N/A	NAD

Highland Square Apartments – Building H					
Sample #	Layer #	Sample Location	Description	Asbestos Type	Asbestos %
112A	1	Exterior, Front	Black Roof Felt	N/A	NAD*
112B	1	Exterior, Front	Black Roof Felt	N/A	NAD
112C	1	Exterior, Front	Black Roof Felt	N/A	NAD
113A	1	Exterior, Front	Exterior Window Caulk	N/A	NAD*
113B	1	Exterior, Rear	Exterior Window Caulk	N/A	NAD
113C	1	Exterior, Front	Exterior Window Caulk	N/A	NAD
114A	1	Exterior, Central	Exterior Door Caulk	N/A	NAD*
114B	1	Exterior, Central	Exterior Door Caulk	N/A	NAD
114C	1	Exterior, Central	Exterior Door Caulk	N/A	NAD

* = analyzed via TEM analysis

Highland Square Apartments – Building I					
Sample #	Layer #	Sample Location	Description	Asbestos Type	Asbestos %
69A	1	I113, Laundry	Drywall	N/A	NAD
69B	1	I115, Utility	Drywall	N/A	NAD
69C	1	I119, Utility	Drywall	N/A	NAD
70A	1	I113, Kitchen	Joint Compound	N/A	NAD
70B	1	I114, Utility	Joint Compound	N/A	NAD
70C	1	I115, Utility	Joint Compound	N/A	NAD
70D	1	I116, Kitchen	Joint Compound	N/A	NAD
70E	1	I118, Utility	Joint Compound	N/A	NAD
70F	1	I119, Utility	Joint Compound	N/A	NAD
70G	1	I120, Kitchen	Joint Compound	N/A	NAD
71A	1	I113, Utility	White Ceiling Texture	N/A	NAD
71B	1	I114, Hallway	White Ceiling Texture	N/A	NAD
71C	1	I115, Hallway	White Ceiling Texture	N/A	NAD
71D	1	I116, Living Room	White Ceiling Texture	N/A	NAD
71E	1	I118, Hallway	White Ceiling Texture	N/A	NAD
71F	1	I119, Dining Room	White Ceiling Texture	N/A	NAD
71G	1	I120, Hallway	White Ceiling Texture	N/A	NAD
72A	1	I113, Kitchen	White Interior Caulking	N/A	NAD*
72B	1	I115, Living Room	White Interior Caulking	N/A	NAD
72C	1	I119, Kitchen	White Interior Caulking	N/A	NAD
73A	1	I113, Kitchen	4" Beige Cove Base	N/A	NAD*
73A	2		Beige Mastic	N/A	NAD*
73B	1	I115, Kitchen	4" Beige Cove Base	N/A	NAD
73C	1	I119, Kitchen	4" Beige Cove Base	N/A	NAD
74A	1	I113, Bathroom	4" Brown Wood Pattern Vinyl Plank	N/A	NAD

Highland Square Apartments – Building I					
Sample #	Layer #	Sample Location	Description	Asbestos Type	Asbestos %
74B	1	I115, Bathroom	4" Brown Wood Pattern Vinyl Plank	N/A	NAD
74C	1	I119, Bathroom	4" Brown Wood Pattern Vinyl Plank	N/A	NAD
75A	1	I113, Utility	White HVAC Duct Mastic	N/A	NAD
75A	2		Yellow Insulation	N/A	NAD
75A	3		Silver Foil	N/A	NAD
75B	1	I115, Utility	White HVAC Duct Mastic	N/A	NAD
75B	2		Yellow Insulation	N/A	NAD
75B	3		Silver Foil	N/A	NAD
75C	1	I119, Utility	White HVAC Duct Mastic	N/A	NAD
75C	2		Yellow Insulation	N/A	NAD
75C	3		Silver Foil	N/A	NAD
115A	1	Exterior, Front	Black Roof Shingle	N/A	NAD*
115B	1	Exterior, Front	Black Roof Shingle	N/A	NAD
115C	1	Exterior, Front	Black Roof Shingle	N/A	NAD
116A	1	Exterior, Front	Black Roof Felt	N/A	NAD*
116B	1	Exterior, Front	Black Roof Felt	N/A	NAD
116C	1	Exterior, Front	Black Roof Felt	N/A	NAD
117A	1	Exterior, Front	Black Exterior Roof Mastic	N/A	NAD*
117B	1	Exterior, Front	Black Exterior Roof Mastic	N/A	NAD
117C	1	Exterior, Front	Black Exterior Roof Mastic	N/A	NAD
118A	1	Exterior, Front	Exterior Window Caulk	N/A	NAD*
118B	1	Exterior, Rear	Exterior Window Caulk	N/A	NAD
118C	1	Exterior, Front	Exterior Window Caulk	N/A	NAD
119A	1	Exterior, Central	Exterior Door Caulk	N/A	NAD*

* = analyzed via TEM analysis

Highland Square Apartments – Building J					
Sample #	Layer #	Sample Location	Description	Asbestos Type	Asbestos %
76A	1	J144, Utility	Drywall	N/A	NAD
76B	1	J145, Laundry	Drywall	N/A	NAD
76C	1	J150, Kitchen	Drywall	N/A	NAD
77A	1	J144, Utility	Joint Compound	N/A	NAD
77B	1	J145, Kitchen	Joint Compound	N/A	NAD
77C	1	J146, Hallway	Joint Compound	N/A	NAD
77D	1	J147, Utility	Joint Compound	N/A	NAD
77E	1	J148, Utility	Joint Compound	N/A	NAD
77F	1	J150, Kitchen	Joint Compound	N/A	NAD

Highland Square Apartments – Building J					
Sample #	**Layer #**	**Sample Location**	**Description**	**Asbestos Type**	**Asbestos %**
77G	1	J152, Kitchen	Joint Compound	N/A	NAD
78A	1	J144, Hallway	White Ceiling Texture	N/A	NAD
78B	1	J145, Living Room	White Ceiling Texture	N/A	NAD
78C	1	J146, Hallway	White Ceiling Texture	N/A	NAD
78D	1	J147, Living Room	White Ceiling Texture	N/A	NAD
78E	1	J148, Hallway	White Ceiling Texture	N/A	NAD
78F	1	J150, Bathroom	White Ceiling Texture	N/A	NAD
78G	1	J152, Dining Room	White Ceiling Texture	N/A	NAD
79A	1	J144, Living Room	White Interior Caulking	N/A	NAD*
79B	1	J145, Kitchen	White Interior Caulking	N/A	NAD
79C	1	J150, Kitchen	White Interior Caulking	N/A	NAD
80A	1	J144, Kitchen	4" Beige Cove Base	N/A	NAD*
80A	2		Beige Mastic	N/A	NAD*
80B	1	J145, Kitchen	4" Beige Cove Base	N/A	NAD
80B	2		Beige Mastic	N/A	NAD
80C	1	J150, Kitchen	4" Beige Cove Base	N/A	NAD
80C	2		Beige Mastic	N/A	NAD
81A	1	J144, Kitchen	4" Brown Wood Pattern Vinyl Plank	N/A	NAD*
81B	1	J145, Bathroom	4" Brown Wood Pattern Vinyl Plank	N/A	NAD
81C	1	J150, Bathroom	4" Brown Wood Pattern Vinyl Plank	N/A	NAD
82A	1	J144, Utility	White HVAC Duct Mastic	N/A	NAD*
82B	**1**	**J145, Utility**	**White HVAC Duct Mastic**	**Chrysotile**	**5%**
82C	1	J150, Utility	Yellow Insulation	N/A	NAD
83A	1	J144, Kitchen	Beige Vinyl Sheet Flooring, 2nd Layer	N/A	NAD
83B	1	J145, Kitchen	Beige Vinyl Sheet Flooring, 2nd Layer	N/A	NAD
83C	1	J150, Utility	Beige Vinyl Sheet Flooring, 2nd Layer	N/A	NAD
120A	1	Exterior, Front	Black Roof Shingle	N/A	NAD
120B	1	Exterior, Front	Black Roof Shingle	N/A	NAD*
120C	1	Exterior, Front	Black Roof Shingle	N/A	NAD
121A	1	Exterior, Front	Black Roof Felt	N/A	NAD*
121B	1	Exterior, Front	Black Roof Felt	N/A	NAD
121C	1	Exterior, Front	Black Roof Felt	N/A	NAD
122A	1	Exterior, Front	Black Exterior Roof Mastic	N/A	NAD*
122B	1	Exterior, Front	Black Exterior Roof Mastic	N/A	NAD

Highland Square Apartments – Building J					
Sample #	Layer #	Sample Location	Description	Asbestos Type	Asbestos %
122C	1	Exterior, Front	Black Exterior Roof Mastic	N/A	NAD
123A	1	Exterior, Front	Exterior Window Caulk	N/A	NAD*
123B	1	Exterior, Rear	Exterior Window Caulk	N/A	NAD
123C	1	Exterior, Front	Exterior Window Caulk	N/A	NAD
124A	1	Exterior, Central	Exterior Door Caulk	N/A	NAD*
124B	1	Exterior, Central	Exterior Door Caulk	N/A	NAD
124C	1	Exterior, Central	Exterior Door Caulk	N/A	NAD

* = analyzed via TEM analysis

Highland Square Apartments – Office/Laundry					
Sample #	Layer #	Sample Location	Description	Asbestos Type	Asbestos %
125A	1	Hallway	Drywall	N/A	NAD
125B	1	Hallway	Drywall	N/A	NAD
125C	1	Bathroom	Drywall	N/A	NAD
126A	1	Hallway	White Joint Compound w/ Paint	N/A	NAD
126A	2		Cream Tape	N/A	NAD
126A	3		White Joint Compound	N/A	NAD
126B	1	Hallway	Joint Compound	N/A	NAD
126C	1	Bathroom	Joint Compound	N/A	NAD
126D	1	Bathroom	Joint Compound	N/A	NAD
126E	1	File Room	Joint Compound	N/A	NAD
127A	1	Hallway	White Ceiling Texture	N/A	NAD
127B	1	Conference Room	White Ceiling Texture	N/A	NAD
127C	1	Bathroom	White Ceiling Texture	N/A	NAD
127D	1	Bathroom	White Ceiling Texture	N/A	NAD
127E	1	Lobby	White Ceiling Texture	N/A	NAD
128A	1	Hallway	Wall Texture	N/A	NAD
128B	1	Hallway	White Wall Texture	N/A	NAD
128B	2		Off-white Wall Texture	N/A	NAD
128C	1	Conference Room	Wall Texture	N/A	NAD
128D	1	Conference Room	White Wall Texture	N/A	NAD
128D	2		Off-white Wall Texture	N/A	NAD
128E	1	Bathroom	Wall Texture	N/A	NAD
129A	1	Hallway	Brown 6" Vinyl Floor Plank	N/A	NAD*
129A	2		Transparent Mastic	N/A	NAD*
129A	3		Green Non-Fibrous Material	N/A	NAD*
129B	1	Hallway	Brown 6" Vinyl Floor Plank	N/A	NAD
129B	2		Transparent Mastic	N/A	NAD

Highland Square Apartments – Office/Laundry					
Sample #	**Layer #**	**Sample Location**	**Description**	**Asbestos Type**	**Asbestos %**
129B	3		Green Non-Fibrous Material	N/A	NAD
129C	1	Hallway	Brown 6" Vinyl Floor Plank	N/A	NAD
129C	2		Transparent Mastic	N/A	NAD
129C	3		Green Non-Fibrous Material	N/A	NAD
130A	1	Lobby	White Interior Caulk	N/A	NAD*
130B	1	Hallway	White Interior Caulk	N/A	NAD
130C	1	Hallway	White Interior Caulk	N/A	NAD
130C	2		White Compound	N/A	NAD
131A	1	Exterior Rear	Black Exterior Roof Shingle	N/A	NAD*
131B	1	Exterior Rear	Black Exterior Roof Shingle	N/A	NAD
131C	1	Exterior Rear	Black Exterior Roof Shingle	N/A	NAD
132A	1	Exterior Left	White Exterior Window Caulk	N/A	NAD*
132B	1	Exterior Left	White Exterior Window Caulk	N/A	NAD
132C	1	Exterior Front	White Exterior Window Caulk	N/A	NAD
133A	1	Exterior Rear	White Exterior Door Caulk	N/A	NAD*
133B	1	Exterior Rear	White Exterior Door Caulk	N/A	NAD
133C	1	Exterior Front	White Exterior Door Caulk	N/A	NAD
134A	1	Exterior Rear	White Exterior Wall Caulk	N/A	NAD*
134B	1	Exterior Rear	White Exterior Wall Caulk	N/A	NAD
134C	1	Exterior Left	White Exterior Wall Caulk	N/A	NAD

* = analyzed via TEM analysis

APPENDIX A

LABORATORY ANALYTICAL DATA

Report for:

Mr. Michael Capozzi
AEI Consultants
112 Water Street
5th Floor
Boston, MA 02109

Regarding: Eurofins EPK Built Environment Testing, LLC
Project: 497755; Highland Square, Greenville, SC
EML ID: 3774481

Approved by:

Approved Signatory
Danny Li

Dates of Analysis:
Asbestos PLM: 09-12-2024

Service SOPs: Asbestos PLM (EPA 40CFR App E to Sub E of Part 763 & EPA METHOD 600/R-93-116, SOP EM-AS-S-1267)
NVLAP Lab Code 200757-0

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the samples as received and tested. The results include an inherent uncertainty of measurement associated with estimating percentages by polarized light microscopy. Measurement uncertainty data for sample results with >1% asbestos concentration can be provided when requested.

Eurofins EPK Built Environment Testing, LLC ("the Company"), a member of the Eurofins Built Environment Testing group of companies, shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

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2841 Dow Avenue, Suite 300, Tustin, CA 92780
(833) 465-5857 www.eurofinsus.com/Built

Client: AEI Consultants
C/O: Mr. Michael Capozzi
Re: 497755; Highland Square, Greenville, SC

Date of Receipt: 09-10-2024
Date of Report: 09-12-2024

ASBESTOS PLM REPORT

Total Samples Submitted:	492
Total Samples Analyzed:	492
Total Samples with Layer Asbestos Content > 1%:	11

Location: 1A, Drywall

Lab ID-Version‡: 18608444-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	5% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 1B, Drywall

Lab ID-Version‡: 18608445-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	5% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 1C, Drywall

Lab ID-Version‡: 18608446-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	5% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 2A, Joint Compound

Lab ID-Version‡: 18608447-1

Sample Layers	Asbestos Content
Off-White Joint Compound	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 2B, Joint Compound

Lab ID-Version‡: 18608448-1

Sample Layers	Asbestos Content
Off-White Joint Compound	ND
Sample Composite Homogeneity:	Good

Location: 2C, Joint Compound

Lab ID-Version‡: 18608449-1

Sample Layers	Asbestos Content
Off-White Joint Compound	ND
Sample Composite Homogeneity:	Good

Location: 2D, Joint Compound

Lab ID-Version‡: 18608450-1

Sample Layers	Asbestos Content
Off-White Joint Compound	ND
Sample Composite Homogeneity:	Good

Location: 2E, Joint Compound

Lab ID-Version‡: 18608451-1

Sample Layers	Asbestos Content
Off-White Joint Compound	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 2F, Joint Compound

Lab ID-Version‡: 18608452-1

Sample Layers	Asbestos Content
Off-White Joint Compound	ND
Sample Composite Homogeneity:	Good

Location: 2G, Joint Compound

Lab ID-Version‡: 18608453-1

Sample Layers	Asbestos Content
Off-White Joint Compound	ND
Sample Composite Homogeneity:	Good

Location: 3A, White Ceiling Texture

Lab ID-Version‡: 18608454-1

Sample Layers	Asbestos Content
White Texture	ND
Sample Composite Homogeneity:	Good

Location: 3B, White Ceiling Texture

Lab ID-Version‡: 18608455-1

Sample Layers	Asbestos Content
White Texture	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 3C, White Ceiling Texture

Lab ID-Version‡: 18608456-1

Sample Layers	Asbestos Content
White Texture	ND
Sample Composite Homogeneity:	Good

Location: 3D, White Ceiling Texture

Lab ID-Version‡: 18608457-1

Sample Layers	Asbestos Content
White Texture	ND
Sample Composite Homogeneity:	Good

Location: 3E, White Ceiling Texture

Lab ID-Version‡: 18608458-1

Sample Layers	Asbestos Content
White Texture	ND
Sample Composite Homogeneity:	Good

Location: 3F, White Ceiling Texture

Lab ID-Version‡: 18608459-1

Sample Layers	Asbestos Content
White Texture	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 3G, White Ceiling Texture

Lab ID-Version‡: 18608460-1

Sample Layers	Asbestos Content
White Texture	ND
Sample Composite Homogeneity:	Good

Location: 4A, White Interior Caulking

Lab ID-Version‡: 18608461-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 4B, White Interior Caulking

Lab ID-Version‡: 18608462-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 4C, White Interior Caulking

Lab ID-Version‡: 18608463-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 5A, 4" Beige Cove Base/Beige Mastic

Lab ID-Version‡: 18608464-1

Sample Layers	Asbestos Content
Beige Baseboard	ND
Beige Mastic	ND
Sample Composite Homogeneity:	Moderate

Location: 5B, 4" Beige Cove Base/Beige Mastic

Lab ID-Version‡: 18608465-1

Sample Layers	Asbestos Content
Beige Baseboard	ND
Beige Mastic	ND
White Compound	ND
Sample Composite Homogeneity:	Moderate

Location: 5C, 4" Beige Cove Base/Beige Mastic

Lab ID-Version‡: 18608466-1

Sample Layers	Asbestos Content
Beige Baseboard	ND
Beige Mastic	ND
White Compound	ND
Sample Composite Homogeneity:	Moderate

Location: 6A, 4" Brown Wood Pattern Vinyl Plank

Lab ID-Version‡: 18608467-1

Sample Layers	Asbestos Content
Brown Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT

Location: 6B, 4" Brown Wood Pattern Vinyl Plank

Lab ID-Version‡: 18608468-1

Sample Layers	Asbestos Content
Brown Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity:	Moderate

Location: 6C, 4" Brown Wood Pattern Vinyl Plank

Lab ID-Version‡: 18608469-1

Sample Layers	Asbestos Content
Brown Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity:	Moderate

Location: 7A, White HVAC Duct Mastic

Lab ID-Version‡: 18608470-1

Sample Layers	Asbestos Content
Silver Foil	ND
Off-White Mastic	3% Chrysotile
Sample Composite Homogeneity:	Good

Location: 7B, White HVAC Duct Mastic

Lab ID-Version‡: 18608471-1

Sample Layers	Asbestos Content
Silver Foil	ND
Off-White Mastic	3% Chrysotile
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 7C, White HVAC Duct Mastic

Lab ID-Version‡: 18608472-1

Sample Layers	Asbestos Content
Silver Foil	ND
Off-White Mastic	3% Chrysotile
Sample Composite Homogeneity:	Good

Location: 8A, Gray/Beige 12"x12" Vinyl Floor Tile, Base Layer

Lab ID-Version‡: 18608473-1

Sample Layers	Asbestos Content
White Floor Tile	ND
Transparent Mastic	ND
Sample Composite Homogeneity:	Good

Location: 8B, Gray/Beige 12"x12" Vinyl Floor Tile, Base Layer

Lab ID-Version‡: 18608474-1

Sample Layers	Asbestos Content
White Floor Tile	ND
Transparent Mastic	ND
Sample Composite Homogeneity:	Good

Location: 8C, Gray/Beige 12"x12" Vinyl Floor Tile, Base Layer

Lab ID-Version‡: 18608475-1

Sample Layers	Asbestos Content
White Floor Tile	ND
Transparent Mastic	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 9A, Drywall

Lab ID-Version‡: 18608476-1

Sample Layers	Asbestos Content
White Joint Compound	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	5% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 9B, Drywall

Lab ID-Version‡: 18608477-1

Sample Layers	Asbestos Content
White Joint Compound	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	5% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 9C, Drywall

Lab ID-Version‡: 18608478-1

Sample Layers	Asbestos Content
White Joint Compound	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	5% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 10A, Joint Compound

Lab ID-Version‡: 18608479-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

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C/O: Mr. Michael Capozzi
Re: 497755; Highland Square, Greenville, SC

Date of Receipt: 09-10-2024
Date of Report: 09-12-2024

ASBESTOS PLM REPORT

Location: 10B, Joint Compound

Lab ID-Version‡: 18608480-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

Location: 10C, Joint Compound

Lab ID-Version‡: 18608481-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

Location: 10D, Joint Compound

Lab ID-Version‡: 18608482-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

Location: 10E, Joint Compound

Lab ID-Version‡: 18608483-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 10F, Joint Compound

Lab ID-Version‡: 18608484-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

Location: 10G, Joint Compound

Lab ID-Version‡: 18608485-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

Location: 11A, White Ceiling Texture

Lab ID-Version‡: 18608486-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Moderate

Location: 11B, White Ceiling Texture

Lab ID-Version‡: 18608487-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT

Location: 11C, White Ceiling Texture

Lab ID-Version‡: 18608488-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Moderate

Location: 11D, White Ceiling Texture

Lab ID-Version‡: 18608489-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Moderate

Location: 11E, White Ceiling Texture

Lab ID-Version‡: 18608490-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Moderate

Location: 11F, White Ceiling Texture

Lab ID-Version‡: 18608491-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT

Location: 11G, White Ceiling Texture

Lab ID-Version‡: 18608492-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Moderate

Location: 12A, White Interior Caulking

Lab ID-Version‡: 18608493-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 12B, White Interior Caulking

Lab ID-Version‡: 18608494-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 12C, White Interior Caulking

Lab ID-Version‡: 18608495-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 13A, 4" Beige Cove Base/Beige Mastic

Lab ID-Version‡: 18608496-1

Sample Layers	Asbestos Content
Brown Baseboard	ND
Tan Glue	ND
White Compound	ND
Sample Composite Homogeneity:	Moderate

Location: 13B, 4" Beige Cove Base/Beige Mastic

Lab ID-Version‡: 18608497-1

Sample Layers	Asbestos Content
Brown Baseboard	ND
Tan Glue	ND
White Compound	ND
Sample Composite Homogeneity:	Moderate

Location: 13C, 4" Beige Cove Base/Beige Mastic

Lab ID-Version‡: 18608498-1

Sample Layers	Asbestos Content
Brown Baseboard	ND
Tan Glue	ND
White Compound	ND
Sample Composite Homogeneity:	Moderate

Location: 14A, 4" Brown Wood Pattern Vinyl Plank

Lab ID-Version‡: 18608499-1

Sample Layers	Asbestos Content
Brown Flooring	ND
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT

Location: 14B, 4" Brown Wood Pattern Vinyl Plank

Lab ID-Version‡: 18608500-1

Sample Layers	Asbestos Content
Brown Flooring	ND
Sample Composite Homogeneity:	Moderate

Location: 14C, 4" Brown Wood Pattern Vinyl Plank

Lab ID-Version‡: 18608501-1

Sample Layers	Asbestos Content
Brown Flooring	ND
Sample Composite Homogeneity:	Moderate

Location: 15A, White HVAC Duct Mastic

Lab ID-Version‡: 18608502-1

Sample Layers	Asbestos Content
Yellow Mastic	ND
Sample Composite Homogeneity:	Good

Location: 15B, White HVAC Duct Mastic

Lab ID-Version‡: 18608503-1

Sample Layers	Asbestos Content
White Mastic	2% Chrysotile
Yellow Mastic	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 15C, White HVAC Duct Mastic

Lab ID-Version‡: 18608504-1

Sample Layers	Asbestos Content
White Mastic	< 1% Chrysotile
Sample Composite Homogeneity:	Good

Location: 16A, Gray/Beige 12"x12" Vinyl Floor Tile, Base Layer

Lab ID-Version‡: 18608505-1

Sample Layers	Asbestos Content
Beige Floor Tile	3% Chrysotile
Black Mastic	3% Chrysotile
Sample Composite Homogeneity:	Moderate

Location: 16B, Gray/Beige 12"x12" Vinyl Floor Tile, Base Layer

Lab ID-Version‡: 18608506-1

Sample Layers	Asbestos Content
Beige Floor Tile	3% Chrysotile
Black Mastic	3% Chrysotile
Sample Composite Homogeneity:	Moderate

Location: 16C, Gray/Beige 12"x12" Vinyl Floor Tile, Base Layer

Lab ID-Version‡: 18608507-1

Sample Layers	Asbestos Content
Gray Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT

Location: 17A, Drywall

Lab ID-Version‡: 18608508-1

Sample Layers	Asbestos Content
White Compound	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: 17B, Drywall

Lab ID-Version‡: 18608509-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 17C, Drywall

Lab ID-Version‡: 18608510-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 18A, Joint Compound

Lab ID-Version‡: 18608511-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 18B, Joint Compound

Lab ID-Version‡: 18608512-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

Location: 18C, Joint Compound

Lab ID-Version‡: 18608513-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

Location: 18D, Joint Compound

Lab ID-Version‡: 18608514-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

Location: 18E, Joint Compound

Lab ID-Version‡: 18608515-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 18F, Joint Compound

Lab ID-Version‡: 18608516-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

Location: 18G, Joint Compound

Lab ID-Version‡: 18608517-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

Location: 19A, White Ceiling Texture

Lab ID-Version‡: 18608518-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 19B, White Ceiling Texture

Lab ID-Version‡: 18608519-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 19C, White Ceiling Texture

Lab ID-Version‡: 18608520-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 19D, White Ceiling Texture

Lab ID-Version‡: 18608521-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 19E, White Ceiling Texture

Lab ID-Version‡: 18608522-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 19F, White Ceiling Texture

Lab ID-Version‡: 18608523-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 19G, White Ceiling Texture

Lab ID-Version‡: 18608524-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 20A, White Interior Caulking

Lab ID-Version‡: 18608525-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 20B, White Interior Caulking

Lab ID-Version‡: 18608526-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 20C, White Interior Caulking

Lab ID-Version‡: 18608527-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 21A, 4" Beige Cove Base/Beige Mastic

Lab ID-Version‡: 18608528-1

Sample Layers	Asbestos Content
Brown Baseboard	ND
Cream Glue	ND
Off-White Compound	ND
Sample Composite Homogeneity:	Moderate

Location: 21B, 4" Beige Cove Base/Beige Mastic

Lab ID-Version‡: 18608529-1

Sample Layers	Asbestos Content
Brown Baseboard	ND
Cream Glue	ND
Sample Composite Homogeneity:	Moderate

Location: 21C, 4" Beige Cove Base/Beige Mastic

Lab ID-Version‡: 18608530-1

Sample Layers	Asbestos Content
Brown Baseboard	ND
Cream Glue	ND
Brown Glue	ND
Sample Composite Homogeneity:	Moderate

Location: 22A, 4" Brown Wood Pattern Vinyl Plank

Lab ID-Version‡: 18608531-1

Sample Layers	Asbestos Content
Brown Flooring	ND
Composite Non-Asbestos Content:	5% Glass Fibers
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 22B, 4" Brown Wood Pattern Vinyl Plank

Lab ID-Version‡: 18608532-1

Sample Layers	Asbestos Content
Brown Flooring	ND
Composite Non-Asbestos Content:	5% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 22C, 4" Brown Wood Pattern Vinyl Plank

Lab ID-Version‡: 18608533-1

Sample Layers	Asbestos Content
Brown Flooring	ND
Composite Non-Asbestos Content:	5% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 23A, White HVAC Duct Mastic

Lab ID-Version‡: 18608534-1

Sample Layers	Asbestos Content
Cream Tape	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	25% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 23B, White HVAC Duct Mastic

Lab ID-Version‡: 18608535-1

Sample Layers	Asbestos Content
Cream Tape	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	25% Cellulose
Sample Composite Homogeneity:	Moderate

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Re: 497755; Highland Square, Greenville, SC

Date of Receipt: 09-10-2024
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ASBESTOS PLM REPORT

Location: 23C, White HVAC Duct Mastic

Lab ID-Version‡: 18608536-1

Sample Layers	Asbestos Content
Cream Tape	ND
Silver Foil	ND
Composite Non-Asbestos Content:	35% Cellulose
Sample Composite Homogeneity:	Moderate

Comments: Mastic not detected.

Location: 24A, Gray 12"x12" Vinyl Floor Tile, Base Layer

Lab ID-Version‡: 18608537-1

Sample Layers	Asbestos Content
Beige Floor Tile	ND
Sample Composite Homogeneity:	Moderate

Location: 24B, Gray 12"x12" Vinyl Floor Tile, Base Layer

Lab ID-Version‡: 18608538-1

Sample Layers	Asbestos Content
Beige Floor Tile	ND
Sample Composite Homogeneity:	Moderate

Location: 24C, Gray 12"x12" Vinyl Floor Tile, Base Layer

Lab ID-Version‡: 18608539-1

Sample Layers	Asbestos Content
Beige Floor Tile	ND
Brown Mastic	ND
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT

Location: 25A, Light Brown 12"x12" Vinyl Floor Tile, Base Layer

Lab ID-Version‡: 18608540-1

Sample Layers	Asbestos Content
Tan Floor Tile	ND
Sample Composite Homogeneity:	Moderate

Location: 25B, Light Brown 12"x12" Vinyl Floor Tile, Base Layer

Lab ID-Version‡: 18608541-1

Sample Layers	Asbestos Content
Tan Floor Tile	ND
Sample Composite Homogeneity:	Moderate

Location: 25C, Light Brown 12"x12" Vinyl Floor Tile, Base Layer

Lab ID-Version‡: 18608542-1

Sample Layers	Asbestos Content
Tan Floor Tile	ND
Transparent Mastic	ND
Sample Composite Homogeneity:	Moderate

Location: 26A, Drywall

Lab ID-Version‡: 18608543-1

Sample Layers	Asbestos Content
White Drywall	ND
Composite Non-Asbestos Content:	5% Cellulose
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 26B, Drywall

Lab ID-Version‡: 18608544-1

Sample Layers	Asbestos Content
White Joint Compound	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Good

Location: 26C, Drywall

Lab ID-Version‡: 18608545-1

Sample Layers	Asbestos Content
White Drywall	ND
Composite Non-Asbestos Content:	5% Cellulose
Sample Composite Homogeneity:	Good

Location: 27A, Joint Compound

Lab ID-Version‡: 18608546-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
Sample Composite Homogeneity:	Moderate

Location: 27B, Joint Compound

Lab ID-Version‡: 18608547-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT

Location: 27C, Joint Compound

Lab ID-Version‡: 18608548-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
Sample Composite Homogeneity:	Moderate

Location: 27D, Joint Compound

Lab ID-Version‡: 18608549-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
Sample Composite Homogeneity:	Moderate

Location: 27E, Joint Compound

Lab ID-Version‡: 18608550-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
Sample Composite Homogeneity:	Moderate

Location: 27F, Joint Compound

Lab ID-Version‡: 18608551-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT

Location: 27G, Joint Compound

Lab ID-Version‡: 18608552-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
Sample Composite Homogeneity:	Moderate

Location: 28A, White Ceiling Texture

Lab ID-Version‡: 18608553-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 28B, White Ceiling Texture

Lab ID-Version‡: 18608554-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 28C, White Ceiling Texture

Lab ID-Version‡: 18608555-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 28D, White Ceiling Texture

Lab ID-Version‡: 18608556-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 28E, White Ceiling Texture

Lab ID-Version‡: 18608557-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 28F, White Ceiling Texture

Lab ID-Version‡: 18608558-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 28G, White Ceiling Texture

Lab ID-Version‡: 18608559-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 29A, White Interior Caulking

Lab ID-Version‡: 18608560-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Moderate

Location: 29B, White Interior Caulking

Lab ID-Version‡: 18608561-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Moderate

Location: 29C, White Interior Caulking

Lab ID-Version‡: 18608562-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Moderate

Location: 30A, 4" Beige Cove Base/Beige Mastic

Lab ID-Version‡: 18608563-1

Sample Layers	Asbestos Content
Brown Baseboard	ND
Tan Glue	ND
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT

Location: 30B, 4" Beige Cove Base/Beige Mastic

Lab ID-Version‡: 18608564-1

Sample Layers	Asbestos Content
Brown Baseboard	ND
Tan Glue	ND
Off-White Compound	ND
Sample Composite Homogeneity:	Moderate

Location: 30C, 4" Beige Cove Base/Beige Mastic

Lab ID-Version‡: 18608565-1

Sample Layers	Asbestos Content
Brown Baseboard	ND
Tan Glue	ND
Off-White Compound	ND
Sample Composite Homogeneity:	Moderate

Location: 31A, 4" Brown Wood Pattern Vinyl Plank

Lab ID-Version‡: 18608566-1

Sample Layers	Asbestos Content
Brown Flooring	ND
Composite Non-Asbestos Content:	5% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: 31B, 4" Brown Wood Pattern Vinyl Plank

Lab ID-Version‡: 18608567-1

Sample Layers	Asbestos Content
Brown Flooring	ND
Composite Non-Asbestos Content:	5% Glass Fibers
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT

Location: 31C, 4" Brown Wood Pattern Vinyl Plank

Lab ID-Version‡: 18608568-1

Sample Layers	Asbestos Content
Brown Flooring	ND
Composite Non-Asbestos Content:	5% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: 32A, White HVAC Duct Mastic

Lab ID-Version‡: 18608569-1

Sample Layers	Asbestos Content
White Compound	ND
White Tape	ND
Yellow Mastic	ND
Sample Composite Homogeneity:	Moderate

Location: 32B, White HVAC Duct Mastic

Lab ID-Version‡: 18608570-1

Sample Layers	Asbestos Content
White Compound	ND
White Tape	ND
Yellow Fibrous Material (Mesh)	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 32C, White HVAC Duct Mastic

Lab ID-Version‡: 18608571-1

Sample Layers	Asbestos Content
Gray/White Mastic	4% Chrysotile
White Tape	ND
Yellow Mastic	ND
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT

Location: 33A, Gray 12"x12" Vinyl Floor Tile, Base Layer

Lab ID-Version‡: 18608572-1

Sample Layers	Asbestos Content
White Floor Tile	ND
Gray Mastic	ND
Sample Composite Homogeneity:	Moderate

Location: 33B, Gray 12"x12" Vinyl Floor Tile, Base Layer

Lab ID-Version‡: 18608573-1

Sample Layers	Asbestos Content
Tan Sheet Flooring with Fibrous Backing	ND
Composite Non-Asbestos Content:	20% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 33C, Gray 12"x12" Vinyl Floor Tile, Base Layer

Lab ID-Version‡: 18608574-1

Sample Layers	Asbestos Content
Tan Sheet Flooring with Fibrous Backing	ND
Composite Non-Asbestos Content:	20% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 34A, Drywall

Lab ID-Version‡: 18608575-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT

Location: 34B, Drywall

Lab ID-Version‡: 18608576-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 34C, Drywall

Lab ID-Version‡: 18608577-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 35A, Joint Compound

Lab ID-Version‡: 18608578-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
Sample Composite Homogeneity:	Moderate

Location: 35B, Joint Compound

Lab ID-Version‡: 18608579-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT

Location: 35C, Joint Compound

Lab ID-Version‡: 18608580-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
Sample Composite Homogeneity:	Moderate

Location: 35D, Joint Compound

Lab ID-Version‡: 18608581-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
Sample Composite Homogeneity:	Moderate

Location: 35E, Joint Compound

Lab ID-Version‡: 18608582-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
Sample Composite Homogeneity:	Moderate

Location: 35F, Joint Compound

Lab ID-Version‡: 18608583-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
Brown/Black Mastic	ND
Sample Composite Homogeneity:	Moderate

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(833) 465-5857 www.eurofinsus.com/Built

Client: AEI Consultants
C/O: Mr. Michael Capozzi
Re: 497755; Highland Square, Greenville, SC

Date of Receipt: 09-10-2024
Date of Report: 09-12-2024

ASBESTOS PLM REPORT

Location: 35G, Joint Compound

Lab ID-Version‡: 18608584-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
Sample Composite Homogeneity:	Moderate

Location: 36A, White Ceiling Texture

Lab ID-Version‡: 18608585-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 36B, White Ceiling Texture

Lab ID-Version‡: 18608586-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 36C, White Ceiling Texture

Lab ID-Version‡: 18608587-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 36D, White Ceiling Texture

Lab ID-Version‡: 18608588-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 36E, White Ceiling Texture

Lab ID-Version‡: 18608589-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 36F, White Ceiling Texture

Lab ID-Version‡: 18608590-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 36G, White Ceiling Texture

Lab ID-Version‡: 18608591-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 37A, White Interior Caulking

Lab ID-Version‡: 18608592-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 37B, White Interior Caulking

Lab ID-Version‡: 18608593-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 37C, White Interior Caulking

Lab ID-Version‡: 18608594-1

Sample Layers	Asbestos Content
White Caulk	ND
White Compound	ND
Sample Composite Homogeneity:	Good

Location: 38A, 4" Beige Cove Base/Beige Mastic

Lab ID-Version‡: 18608595-1

Sample Layers	Asbestos Content
Brown Baseboard	ND
White Glue	ND
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT

Location: 38B, 4" Beige Cove Base/Beige Mastic

Lab ID-Version‡: 18608596-1

Sample Layers	Asbestos Content
Brown Baseboard	ND
Tan Glue	ND
White Compound	ND
Sample Composite Homogeneity:	Moderate

Location: 38C, 4" Beige Cove Base/Beige Mastic

Lab ID-Version‡: 18608597-1

Sample Layers	Asbestos Content
Brown Baseboard	ND
Tan Glue	ND
White Compound	ND
Sample Composite Homogeneity:	Moderate

Location: 39A, 4" Brown Wood Pattern Vinyl Plank

Lab ID-Version‡: 18608598-1

Sample Layers	Asbestos Content
Brown Flooring	ND
Sample Composite Homogeneity:	Good

Location: 39B, 4" Brown Wood Pattern Vinyl Plank

Lab ID-Version‡: 18608599-1

Sample Layers	Asbestos Content
Brown Flooring	ND
Yellow Mastic	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 39C, 4" Brown Wood Pattern Vinyl Plank

Lab ID-Version‡: 18608600-1

Sample Layers	Asbestos Content
Brown Flooring	ND
Sample Composite Homogeneity:	Good

Location: 40A, White HVAC Duct Mastic

Lab ID-Version‡: 18608601-1

Sample Layers	Asbestos Content
Silver Foil	ND
Yellow Mastic	ND
Yellow Insulation	ND
Composite Non-Asbestos Content:	60% Glass Fibers 10% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 40B, White HVAC Duct Mastic

Lab ID-Version‡: 18608602-1

Sample Layers	Asbestos Content
Silver Tape	ND
Yellow Fibrous Material (Mesh)	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	20% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 40C, White HVAC Duct Mastic

Lab ID-Version‡: 18608603-1

Sample Layers	Asbestos Content
Silver Tape	ND
Yellow Fibrous Material (Mesh)	ND
Gray Mastic	ND
Black Foam	ND
Composite Non-Asbestos Content:	20% Cellulose
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT

Location: 41A, Beige 12"x12" Vinyl Floor Tile, Base Layer

Lab ID-Version‡: 18608604-1

Sample Layers	Asbestos Content
White Compound with Paint	ND
Sample Composite Homogeneity:	Moderate

Comments: Floor Tile not detected.

Location: 41B, Beige 12"x12" Vinyl Floor Tile, Base Layer

Lab ID-Version‡: 18608605-1

Sample Layers	Asbestos Content
White Compound with Paint	ND
Sample Composite Homogeneity:	Moderate

Comments: Floor tile not detected.

Location: 41C, Beige 12"x12" Vinyl Floor Tile, Base Layer

Lab ID-Version‡: 18608606-1

Sample Layers	Asbestos Content
Beige Sheet Flooring with Fibrous Backing	ND
Sample Composite Homogeneity:	Moderate

Location: 42A, Gray 4" Vinyl Floor Plank

Lab ID-Version‡: 18608607-1

Sample Layers	Asbestos Content
Gray Sheet Flooring	ND
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT

Location: 42B, Gray 4" Vinyl Floor Plank

Lab ID-Version‡: 18608608-1

Sample Layers	Asbestos Content
Gray Sheet Flooring	ND
Sample Composite Homogeneity:	Moderate

Location: 42C, Gray 4" Vinyl Floor Plank

Lab ID-Version‡: 18608609-1

Sample Layers	Asbestos Content
Gray Sheet Flooring	ND
Sample Composite Homogeneity:	Moderate

Location: 43A, Drywall

Lab ID-Version‡: 18608610-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 43B, Drywall

Lab ID-Version‡: 18608611-1

Sample Layers	Asbestos Content
White Compound with Paint (Trace)	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT

Location: 43C, Drywall

Lab ID-Version‡: 18608612-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 44A, Joint Compound

Lab ID-Version‡: 18608613-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
Sample Composite Homogeneity:	Good

Location: 44B, Joint Compound

Lab ID-Version‡: 18608614-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

Location: 44C, Joint Compound

Lab ID-Version‡: 18608615-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Yellow Glue	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 44D, Joint Compound

Lab ID-Version‡: 18608616-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

Location: 44E, Joint Compound

Lab ID-Version‡: 18608617-1

Sample Layers	Asbestos Content
White Joint Compound	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Good

Location: 44F, Joint Compound

Lab ID-Version‡: 18608618-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
Sample Composite Homogeneity:	Good

Location: 44G, Joint Compound

Lab ID-Version‡: 18608619-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 45A, White Ceiling Texture

Lab ID-Version‡: 18608620-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 45B, White Ceiling Texture

Lab ID-Version‡: 18608621-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 45C, White Ceiling Texture

Lab ID-Version‡: 18608622-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 45D, White Ceiling Texture

Lab ID-Version‡: 18608623-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 45E, White Ceiling Texture

Lab ID-Version‡: 18608624-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 45F, White Ceiling Texture

Lab ID-Version‡: 18608625-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 45G, White Ceiling Texture

Lab ID-Version‡: 18608626-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 46A, White Interior Caulking

Lab ID-Version‡: 18608627-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 46B, White Interior Caulking

Lab ID-Version‡: 18608628-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 46C, White Interior Caulking

Lab ID-Version‡: 18608629-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 47A, 4" Beige Cove Base/Beige Mastic

Lab ID-Version‡: 18608630-1

Sample Layers	Asbestos Content
Beige Baseboard	ND
Beige Mastic	ND
White Compound	ND
Sample Composite Homogeneity:	Moderate

Location: 47B, 4" Beige Cove Base/Beige Mastic

Lab ID-Version‡: 18608631-1

Sample Layers	Asbestos Content
Beige Baseboard	ND
Beige Mastic	ND
White Compound	ND
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT

Location: 47C, 4" Beige Cove Base/Beige Mastic

Lab ID-Version‡: 18608632-1

Sample Layers	Asbestos Content
Beige Baseboard	ND
Beige Mastic	ND
White Compound	ND
Sample Composite Homogeneity:	Moderate

Location: 48A, 4" Brown Wood Pattern Vinyl Plank

Lab ID-Version‡: 18608633-1

Sample Layers	Asbestos Content
Brown Sheet Flooring	ND
Sample Composite Homogeneity:	Good

Location: 48B, 4" Brown Wood Pattern Vinyl Plank

Lab ID-Version‡: 18608634-1

Sample Layers	Asbestos Content
Brown Sheet Flooring	ND
Sample Composite Homogeneity:	Good

Location: 48C, 4" Brown Wood Pattern Vinyl Plank

Lab ID-Version‡: 18608635-1

Sample Layers	Asbestos Content
Brown Sheet Flooring	ND
Sample Composite Homogeneity:	Good

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(833) 465-5857 www.eurofinsus.com/Built

Client: AEI Consultants
C/O: Mr. Michael Capozzi
Re: 497755; Highland Square, Greenville, SC

Date of Receipt: 09-10-2024
Date of Report: 09-12-2024

ASBESTOS PLM REPORT

Location: 49A, White HVAC Duct Mastic

Lab ID-Version‡: 18608636-1

Sample Layers	Asbestos Content
White Mastic	ND
Silver Foil	ND
Sample Composite Homogeneity:	Good

Location: 49B, White HVAC Duct Mastic

Lab ID-Version‡: 18608637-1

Sample Layers	Asbestos Content
White Mastic	ND
Silver Foil	ND
Sample Composite Homogeneity:	Good

Location: 49C, White HVAC Duct Mastic

Lab ID-Version‡: 18608638-1

Sample Layers	Asbestos Content
White Mastic	ND
Silver Foil	ND
Sample Composite Homogeneity:	Good

Location: 50A, Gray 4" Vinyl Floor Plank

Lab ID-Version‡: 18608639-1

Sample Layers	Asbestos Content
Gray Sheet Flooring	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 50B, Gray 4" Vinyl Floor Plank

Lab ID-Version‡: 18608640-1

Sample Layers	Asbestos Content
Gray Sheet Flooring	ND
Sample Composite Homogeneity:	Good

Location: 50C, Gray 4" Vinyl Floor Plank

Lab ID-Version‡: 18608641-1

Sample Layers	Asbestos Content
Gray Sheet Flooring	ND
Sample Composite Homogeneity:	Good

Location: 51A, White Wall Texture

Lab ID-Version‡: 18608642-1

Sample Layers	Asbestos Content
White Texture	ND
Sample Composite Homogeneity:	Good

Location: 51B, White Wall Texture

Lab ID-Version‡: 18608643-1

Sample Layers	Asbestos Content
White Texture	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 51C, White Wall Texture

Lab ID-Version‡: 18608644-1

Sample Layers	Asbestos Content
White Texture	ND
Sample Composite Homogeneity:	Good

Location: 51D, White Wall Texture

Lab ID-Version‡: 18608645-1

Sample Layers	Asbestos Content
White Texture	ND
Sample Composite Homogeneity:	Good

Location: 51E, White Wall Texture

Lab ID-Version‡: 18608646-1

Sample Layers	Asbestos Content
White Texture	ND
Sample Composite Homogeneity:	Good

Location: 51F, White Wall Texture

Lab ID-Version‡: 18608647-1

Sample Layers	Asbestos Content
White Texture	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 51G, White Wall Texture

Lab ID-Version‡: 18608648-1

Sample Layers	Asbestos Content
White Texture	ND
Sample Composite Homogeneity:	Good

Location: 52A, Drywall

Lab ID-Version‡: 18608649-1

Sample Layers	Asbestos Content
Gray Drywall	ND
Sample Composite Homogeneity:	Good

Location: 52B, Drywall

Lab ID-Version‡: 18608650-1

Sample Layers	Asbestos Content
Gray Drywall	ND
Sample Composite Homogeneity:	Good

Location: 52C, Drywall

Lab ID-Version‡: 18608651-1

Sample Layers	Asbestos Content
Gray Drywall	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 53A, Joint Compound

Lab ID-Version‡: 18608652-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

Location: 53B, Joint Compound

Lab ID-Version‡: 18608653-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

Location: 53C, Joint Compound

Lab ID-Version‡: 18608654-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

Location: 53D, Joint Compound

Lab ID-Version‡: 18608655-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 53E, Joint Compound

Lab ID-Version‡: 18608656-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

Location: 53F, Joint Compound

Lab ID-Version‡: 18608657-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

Location: 53G, Joint Compound

Lab ID-Version‡: 18608658-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

Location: 54A, White Ceiling Texture

Lab ID-Version‡: 18608659-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 54B, White Ceiling Texture

Lab ID-Version‡: 18608660-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 54C, White Ceiling Texture

Lab ID-Version‡: 18608661-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 54D, White Ceiling Texture

Lab ID-Version‡: 18608662-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 54E, White Ceiling Texture

Lab ID-Version‡: 18608663-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 54F, White Ceiling Texture

Lab ID-Version‡: 18608664-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 54G, White Ceiling Texture

Lab ID-Version‡: 18608665-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 55A, White Interior Caulking

Lab ID-Version‡: 18608666-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 55B, White Interior Caulking

Lab ID-Version‡: 18608667-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 55C, White Interior Caulking

Lab ID-Version‡: 18608668-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 56A, 4" Beige Cove Base/Beige Mastic

Lab ID-Version‡: 18608669-1

Sample Layers	Asbestos Content
Beige Baseboard	ND
Beige Mastic	ND
Sample Composite Homogeneity:	Moderate

Location: 56B, 4" Beige Cove Base/Beige Mastic

Lab ID-Version‡: 18608670-1

Sample Layers	Asbestos Content
Beige Baseboard	ND
Beige Mastic	ND
Sample Composite Homogeneity:	Moderate

Location: 56C, 4" Beige Cove Base/Beige Mastic

Lab ID-Version‡: 18608671-1

Sample Layers	Asbestos Content
Beige Baseboard	ND
Beige Mastic	ND
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT

Location: 57A, 4" Brown Wood Pattern Vinyl Plank

Lab ID-Version‡: 18608672-1

Sample Layers	Asbestos Content
Brown Sheet Flooring	ND
Sample Composite Homogeneity:	Good

Location: 57B, 4" Brown Wood Pattern Vinyl Plank

Lab ID-Version‡: 18608673-1

Sample Layers	Asbestos Content
Brown Sheet Flooring	ND
Sample Composite Homogeneity:	Good

Location: 57C, 4" Brown Wood Pattern Vinyl Plank

Lab ID-Version‡: 18608674-1

Sample Layers	Asbestos Content
Brown Sheet Flooring	ND
Sample Composite Homogeneity:	Good

Location: 58A, White HVAC Duct Mastic

Lab ID-Version‡: 18608675-1

Sample Layers	Asbestos Content
White Mastic	ND
Silver Foil	ND
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT

Location: 58B, White HVAC Duct Mastic

Lab ID-Version‡: 18608676-1

Sample Layers	Asbestos Content
Pink Insulation	ND
Silver Foil	ND
Composite Non-Asbestos Content:	15% Glass Fibers
Sample Composite Homogeneity:	Moderate

Comments: Mastic not detected.

Location: 58C, White HVAC Duct Mastic

Lab ID-Version‡: 18608677-1

Sample Layers	Asbestos Content
White Mastic	3% Chrysotile
Silver Foil	ND
Sample Composite Homogeneity:	Moderate

Location: 59A, Beige Vinyl Flooring, 2 Layers

Lab ID-Version‡: 18608678-1

Sample Layers	Asbestos Content
Beige Floor Tile	ND
Sample Composite Homogeneity:	Good

Location: 59B, Beige Vinyl Flooring, 2 Layers

Lab ID-Version‡: 18608679-1

Sample Layers	Asbestos Content
Beige Floor Tile	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 59C, Beige Vinyl Flooring, 2 Layers

Lab ID-Version‡: 18608680-1

Sample Layers	Asbestos Content
Beige Floor Tile	ND
Sample Composite Homogeneity:	Good

Location: 60A, Drywall

Lab ID-Version‡: 18608681-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 60B, Drywall

Lab ID-Version‡: 18608682-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 60C, Drywall

Lab ID-Version‡: 18608683-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT

Location: 61A, Joint Compound

Lab ID-Version‡: 18608684-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

Location: 61B, Joint Compound

Lab ID-Version‡: 18608685-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

Location: 61C, Joint Compound

Lab ID-Version‡: 18608686-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

Location: 61D, Joint Compound

Lab ID-Version‡: 18608687-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

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Date of Report: 09-12-2024

ASBESTOS PLM REPORT

Location: 61E, Joint Compound

Lab ID-Version‡: 18608688-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

Location: 61F, Joint Compound

Lab ID-Version‡: 18608689-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

Location: 61G, Joint Compound

Lab ID-Version‡: 18608690-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

Location: 62A, White Ceiling Texture

Lab ID-Version‡: 18608691-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

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Re: 497755; Highland Square, Greenville, SC

Date of Receipt: 09-10-2024
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ASBESTOS PLM REPORT

Location: 62B, White Ceiling Texture

Lab ID-Version‡: 18608692-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 62C, White Ceiling Texture

Lab ID-Version‡: 18608693-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 62D, White Ceiling Texture

Lab ID-Version‡: 18608694-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 62E, White Ceiling Texture

Lab ID-Version‡: 18608695-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 62F, White Ceiling Texture

Lab ID-Version‡: 18608696-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 62G, White Ceiling Texture

Lab ID-Version‡: 18608697-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 63A, White Interior Caulking

Lab ID-Version‡: 18608698-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 63B, White Interior Caulking

Lab ID-Version‡: 18608699-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 63C, White Interior Caulking

Lab ID-Version‡: 18608700-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 64A, 4" Beige Cove Base/Beige Mastic

Lab ID-Version‡: 18608701-1

Sample Layers	Asbestos Content
Beige Baseboard	ND
Beige Mastic	ND
Sample Composite Homogeneity:	Moderate

Location: 64B, 4" Beige Cove Base/Beige Mastic

Lab ID-Version‡: 18608702-1

Sample Layers	Asbestos Content
Beige Baseboard	ND
Beige Mastic	ND
Sample Composite Homogeneity:	Moderate

Location: 64C, 4" Beige Cove Base/Beige Mastic

Lab ID-Version‡: 18608703-1

Sample Layers	Asbestos Content
Beige Baseboard	ND
Beige Mastic	ND
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT

Location: 65A, 4" Brown Wood Pattern Vinyl Plank

Lab ID-Version‡: 18608704-1

Sample Layers	Asbestos Content
Brown Sheet Flooring	ND
Sample Composite Homogeneity:	Good

Location: 65B, 4" Brown Wood Pattern Vinyl Plank

Lab ID-Version‡: 18608705-1

Sample Layers	Asbestos Content
Brown Sheet Flooring	ND
Sample Composite Homogeneity:	Good

Location: 65C, 4" Brown Wood Pattern Vinyl Plank

Lab ID-Version‡: 18608706-1

Sample Layers	Asbestos Content
Brown Sheet Flooring	ND
Sample Composite Homogeneity:	Good

Location: 66A, White HVAC Duct Mastic

Lab ID-Version‡: 18608707-1

Sample Layers	Asbestos Content
Off-White Mastic	5% Chrysotile
Silver Foil	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 66B, White HVAC Duct Mastic

Lab ID-Version‡: 18608708-1

Sample Layers	Asbestos Content
Off-White Mastic	ND
Silver Foil	ND
Sample Composite Homogeneity:	Good

Location: 66C, White HVAC Duct Mastic

Lab ID-Version‡: 18608709-1

Sample Layers	Asbestos Content
Off-White Mastic	5% Chrysotile
Silver Foil	ND
Sample Composite Homogeneity:	Good

Location: 67A, Beige Vinyl Sheet Flooring, 2nd Layer

Lab ID-Version‡: 18608710-1

Sample Layers	Asbestos Content
Beige Sheet Flooring with Fibrous Backing	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Good

Location: 67B, Beige Vinyl Sheet Flooring, 2nd Layer

Lab ID-Version‡: 18608711-1

Sample Layers	Asbestos Content
Beige Sheet Flooring with Fibrous Backing	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 67C, Beige Vinyl Sheet Flooring, 2nd Layer

Lab ID-Version‡: 18608712-1

Sample Layers	Asbestos Content
Beige Sheet Flooring with Fibrous Backing	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Good

Location: 68A, Off-White Vinyl Sheet Flooring, 2nd Layer

Lab ID-Version‡: 18608713-1

Sample Layers	Asbestos Content
Off-White Sheet Flooring with Fibrous Backing	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Good

Location: 68B, Off-White Vinyl Sheet Flooring, 2nd Layer

Lab ID-Version‡: 18608714-1

Sample Layers	Asbestos Content
Off-White Sheet Flooring with Fibrous Backing	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Good

Location: 68C, Off-White Vinyl Sheet Flooring, 2nd Layer

Lab ID-Version‡: 18608715-1

Sample Layers	Asbestos Content
Off-White Sheet Flooring with Fibrous Backing	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 69A, Drywall

Lab ID-Version‡: 18608716-1

Sample Layers	Asbestos Content
White Drywall	ND
Sample Composite Homogeneity:	Good

Location: 69B, Drywall

Lab ID-Version‡: 18608717-1

Sample Layers	Asbestos Content
White Drywall	ND
Sample Composite Homogeneity:	Good

Location: 69C, Drywall

Lab ID-Version‡: 18608718-1

Sample Layers	Asbestos Content
White Drywall	ND
Sample Composite Homogeneity:	Good

Location: 70A, Joint Compound

Lab ID-Version‡: 18608719-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 70B, Joint Compound

Lab ID-Version‡: 18608720-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

Location: 70C, Joint Compound

Lab ID-Version‡: 18608721-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

Location: 70D, Joint Compound

Lab ID-Version‡: 18608722-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

Location: 70E, Joint Compound

Lab ID-Version‡: 18608723-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 70F, Joint Compound

Lab ID-Version‡: 18608724-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

Location: 70G, Joint Compound

Lab ID-Version‡: 18608725-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

Location: 71A, White Ceiling Texture

Lab ID-Version‡: 18608726-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 71B, White Ceiling Texture

Lab ID-Version‡: 18608727-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 71C, White Ceiling Texture

Lab ID-Version‡: 18608728-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 71D, White Ceiling Texture

Lab ID-Version‡: 18608729-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 71E, White Ceiling Texture

Lab ID-Version‡: 18608730-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 71F, White Ceiling Texture

Lab ID-Version‡: 18608731-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 71G, White Ceiling Texture

Lab ID-Version‡: 18608732-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 72A, White Interior Caulking

Lab ID-Version‡: 18608733-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 72B, White Interior Caulking

Lab ID-Version‡: 18608734-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 72C, White Interior Caulking

Lab ID-Version‡: 18608735-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 73A, 4" Beige Cove Base/Beige Mastic

Lab ID-Version‡: 18608736-1

Sample Layers	Asbestos Content
Beige Baseboard	ND
Beige Mastic	ND
Sample Composite Homogeneity:	Moderate

Location: 73B, 4" Beige Cove Base/Beige Mastic

Lab ID-Version‡: 18608737-1

Sample Layers	Asbestos Content
Beige Baseboard	ND
Beige Mastic	ND
Sample Composite Homogeneity:	Moderate

Location: 73C, 4" Beige Cove Base/Beige Mastic

Lab ID-Version‡: 18608738-1

Sample Layers	Asbestos Content
Beige Baseboard	ND
Beige Mastic	ND
Sample Composite Homogeneity:	Moderate

Location: 74A, 4" Brown Wood Pattern Vinyl Plank

Lab ID-Version‡: 18608739-1

Sample Layers	Asbestos Content
Brown Sheet Flooring	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 74B, 4" Brown Wood Pattern Vinyl Plank

Lab ID-Version‡: 18608740-1

Sample Layers	Asbestos Content
Brown Sheet Flooring	ND
Sample Composite Homogeneity:	Good

Location: 74C, 4" Brown Wood Pattern Vinyl Plank

Lab ID-Version‡: 18608741-1

Sample Layers	Asbestos Content
Brown Sheet Flooring	ND
Sample Composite Homogeneity:	Good

Location: 75A, White HVAC Duct Mastic

Lab ID-Version‡: 18608742-1

Sample Layers	Asbestos Content
White Mastic	ND
Yellow Insulation	ND
Silver Foil	ND
Composite Non-Asbestos Content:	20% Glass Fibers
Sample Composite Homogeneity:	Poor

Location: 75B, White HVAC Duct Mastic

Lab ID-Version‡: 18608743-1

Sample Layers	Asbestos Content
White Mastic	ND
Yellow Insulation	ND
Silver Foil	ND
Composite Non-Asbestos Content:	20% Glass Fibers
Sample Composite Homogeneity:	Poor

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C/O: Mr. Michael Capozzi
Re: 497755; Highland Square, Greenville, SC

Date of Receipt: 09-10-2024
Date of Report: 09-12-2024

ASBESTOS PLM REPORT

Location: 75C, White HVAC Duct Mastic

Lab ID-Version‡: 18608744-1

Sample Layers	Asbestos Content
White Mastic	ND
Yellow Insulation	ND
Silver Foil	ND
Composite Non-Asbestos Content:	20% Glass Fibers
Sample Composite Homogeneity:	Poor

Location: 76A, Drywall

Lab ID-Version‡: 18608745-1

Sample Layers	Asbestos Content
White Drywall	ND
Sample Composite Homogeneity:	Good

Location: 76B, Drywall

Lab ID-Version‡: 18608746-1

Sample Layers	Asbestos Content
White Drywall	ND
Sample Composite Homogeneity:	Good

Location: 76C, Drywall

Lab ID-Version‡: 18608747-1

Sample Layers	Asbestos Content
White Drywall	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 77A, Joint Compound

Lab ID-Version‡: 18608748-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

Location: 77B, Joint Compound

Lab ID-Version‡: 18608749-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

Location: 77C, Joint Compound

Lab ID-Version‡: 18608750-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

Location: 77D, Joint Compound

Lab ID-Version‡: 18608751-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 77E, Joint Compound

Lab ID-Version‡: 18608752-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

Location: 77F, Joint Compound

Lab ID-Version‡: 18608753-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

Location: 77G, Joint Compound

Lab ID-Version‡: 18608754-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Sample Composite Homogeneity:	Good

Location: 78A, White Ceiling Texture

Lab ID-Version‡: 18608755-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 78B, White Ceiling Texture

Lab ID-Version‡: 18608756-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 78C, White Ceiling Texture

Lab ID-Version‡: 18608757-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 78D, White Ceiling Texture

Lab ID-Version‡: 18608758-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 78E, White Ceiling Texture

Lab ID-Version‡: 18608759-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 78F, White Ceiling Texture

Lab ID-Version‡: 18608760-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 78G, White Ceiling Texture

Lab ID-Version‡: 18608761-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 79A, White Interior Caulking

Lab ID-Version‡: 18608762-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 79B, White Interior Caulking

Lab ID-Version‡: 18608763-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 79C, White Interior Caulking

Lab ID-Version‡: 18608764-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 80A, 4" Beige Cove Base/Beige Mastic

Lab ID-Version‡: 18608765-1

Sample Layers	Asbestos Content
Beige Cove Base	ND
Beige Mastic	ND
Sample Composite Homogeneity:	Moderate

Location: 80B, 4" Beige Cove Base/Beige Mastic

Lab ID-Version‡: 18608766-1

Sample Layers	Asbestos Content
Beige Cove Base	ND
Beige Mastic	ND
Sample Composite Homogeneity:	Moderate

Location: 80C, 4" Beige Cove Base/Beige Mastic

Lab ID-Version‡: 18608767-1

Sample Layers	Asbestos Content
Beige Cove Base	ND
Beige Mastic	ND
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT

Location: 81A, 4" Brown Wood Pattern Vinyl Plank

Lab ID-Version‡: 18608768-1

Sample Layers	Asbestos Content
Brown/Black Floor Tile	ND
Sample Composite Homogeneity:	Moderate

Location: 81B, 4" Brown Wood Pattern Vinyl Plank

Lab ID-Version‡: 18608769-1

Sample Layers	Asbestos Content
Brown/Black Floor Tile	ND
Sample Composite Homogeneity:	Moderate

Location: 81C, 4" Brown Wood Pattern Vinyl Plank

Lab ID-Version‡: 18608770-1

Sample Layers	Asbestos Content
Brown/Black Floor Tile	ND
Sample Composite Homogeneity:	Moderate

Location: 82A, White HVAC Duct Mastic

Lab ID-Version‡: 18608771-1

Sample Layers	Asbestos Content
White Mastic	ND
Composite Non-Asbestos Content:	15% Synthetic Fibers
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 82B, White HVAC Duct Mastic

Lab ID-Version‡: 18608772-1

Sample Layers	Asbestos Content
White Mastic	5% Chrysotile
Sample Composite Homogeneity:	Good

Location: 82C, White HVAC Duct Mastic

Lab ID-Version‡: 18608773-1

Sample Layers	Asbestos Content
Yellow Insulation	ND
Composite Non-Asbestos Content:	90% Glass Fibers 5% Cellulose
Sample Composite Homogeneity:	Good

Comments: Mastic Not Detected.

Location: 83A, Beige Vinyl Sheet Flooring, 2nd Layer

Lab ID-Version‡: 18608774-1

Sample Layers	Asbestos Content
Beige Sheet Flooring	ND
Sample Composite Homogeneity:	Moderate

Location: 83B, Beige Vinyl Sheet Flooring, 2nd Layer

Lab ID-Version‡: 18608775-1

Sample Layers	Asbestos Content
Beige Sheet Flooring	ND
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT

Location: 83C, Beige Vinyl Sheet Flooring, 2nd Layer

Lab ID-Version‡: 18608776-1

Sample Layers	Asbestos Content
Beige Sheet Flooring	ND
Sample Composite Homogeneity:	Moderate

Location: 84A, Black Roof Shingle

Lab ID-Version‡: 18608777-1

Sample Layers	Asbestos Content
Black Roofing Shingle	ND
Composite Non-Asbestos Content:	15% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 84B, Black Roof Shingle

Lab ID-Version‡: 18608778-1

Sample Layers	Asbestos Content
Black Roofing Shingle	ND
Composite Non-Asbestos Content:	15% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 84C, Black Roof Shingle

Lab ID-Version‡: 18608779-1

Sample Layers	Asbestos Content
Black Roofing Shingle	ND
Composite Non-Asbestos Content:	15% Glass Fibers
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 85A, Black Roof Felt

Lab ID-Version‡: 18608780-1

Sample Layers	Asbestos Content
Black Roofing Felt	ND
Composite Non-Asbestos Content:	80% Cellulose
Sample Composite Homogeneity:	Good

Location: 85B, Black Roof Felt

Lab ID-Version‡: 18608781-1

Sample Layers	Asbestos Content
Black Roofing Felt	ND
Composite Non-Asbestos Content:	80% Cellulose
Sample Composite Homogeneity:	Good

Location: 85C, Black Roof Felt

Lab ID-Version‡: 18608782-1

Sample Layers	Asbestos Content
Black Roofing Felt	ND
Composite Non-Asbestos Content:	80% Cellulose
Sample Composite Homogeneity:	Good

Location: 86A, Exterior Window Caulking

Lab ID-Version‡: 18608783-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 86B, Exterior Window Caulking

Lab ID-Version‡: 18608784-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 86C, Exterior Window Caulking

Lab ID-Version‡: 18608785-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 87A, Exterior Door Caulk

Lab ID-Version‡: 18608786-1

Sample Layers	Asbestos Content
Brown Caulk	ND
Sample Composite Homogeneity:	Good

Location: 87B, Exterior Door Caulk

Lab ID-Version‡: 18608787-1

Sample Layers	Asbestos Content
Brown Caulk	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 87C, Exterior Door Caulk

Lab ID-Version‡: 18608788-1

Sample Layers	Asbestos Content
Brown Caulk	ND
Sample Composite Homogeneity:	Good

Location: 88A, Black Roof Shingle

Lab ID-Version‡: 18608789-1

Sample Layers	Asbestos Content
Black Roofing Shingle	ND
Composite Non-Asbestos Content:	15% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 88B, Black Roof Shingle

Lab ID-Version‡: 18608790-1

Sample Layers	Asbestos Content
Black Roofing Shingle	ND
Composite Non-Asbestos Content:	15% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 88C, Black Roof Shingle

Lab ID-Version‡: 18608791-1

Sample Layers	Asbestos Content
Black Roofing Shingle	ND
Composite Non-Asbestos Content:	15% Glass Fibers
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 89A, Black Exterior Roof Mastic

Lab ID-Version‡: 18608792-1

Sample Layers	Asbestos Content
Black Mastic	ND
Sample Composite Homogeneity:	Good

Location: 89B, Black Exterior Roof Mastic

Lab ID-Version‡: 18608793-1

Sample Layers	Asbestos Content
Black Mastic	ND
Sample Composite Homogeneity:	Good

Location: 89C, Black Exterior Roof Mastic

Lab ID-Version‡: 18608794-1

Sample Layers	Asbestos Content
Black Mastic	ND
Sample Composite Homogeneity:	Good

Location: 90A, Exterior Window Caulk

Lab ID-Version‡: 18608795-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

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C/O: Mr. Michael Capozzi
Re: 497755; Highland Square, Greenville, SC

Date of Receipt: 09-10-2024
Date of Report: 09-12-2024

ASBESTOS PLM REPORT

Location: 90B, Exterior Window Caulk

Lab ID-Version‡: 18608796-1

Sample Layers	Asbestos Content
Brown Caulk	ND
Sample Composite Homogeneity:	Good

Location: 90C, Exterior Window Caulk

Lab ID-Version‡: 18608797-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 91A, Exterior Door Caulk

Lab ID-Version‡: 18608798-1

Sample Layers	Asbestos Content
Brown Caulk	ND
Sample Composite Homogeneity:	Good

Location: 91B, Exterior Door Caulk

Lab ID-Version‡: 18608799-1

Sample Layers	Asbestos Content
Brown Caulk	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 91C, Exterior Door Caulk

Lab ID-Version‡: 18608800-1

Sample Layers	Asbestos Content
Brown Caulk	ND
Sample Composite Homogeneity:	Good

Location: 92A, Black Roof Shingle

Lab ID-Version‡: 18608801-1

Sample Layers	Asbestos Content
Black Roofing Shingle	ND
Composite Non-Asbestos Content:	15% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 92B, Black Roof Shingle

Lab ID-Version‡: 18608802-1

Sample Layers	Asbestos Content
Black Roofing Shingle	ND
Composite Non-Asbestos Content:	15% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 92C, Black Roof Shingle

Lab ID-Version‡: 18608803-1

Sample Layers	Asbestos Content
Black Roofing Shingle	ND
Composite Non-Asbestos Content:	15% Glass Fibers
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 93A, Exterior Window Caulk

Lab ID-Version‡: 18608804-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 93B, Exterior Window Caulk

Lab ID-Version‡: 18608805-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 93C, Exterior Window Caulk

Lab ID-Version‡: 18608806-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 94A, Exterior Door Caulk

Lab ID-Version‡: 18608807-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 94B, Exterior Door Caulk

Lab ID-Version‡: 18608808-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 94C, Exterior Door Caulk

Lab ID-Version‡: 18608809-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 95A, Black Roof Shingle

Lab ID-Version‡: 18608810-1

Sample Layers	Asbestos Content
Black Roofing Shingle	ND
Composite Non-Asbestos Content:	15% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 95B, Black Roof Shingle

Lab ID-Version‡: 18608811-1

Sample Layers	Asbestos Content
Black Roofing Shingle	ND
Composite Non-Asbestos Content:	15% Glass Fibers
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 95C, Black Roof Shingle

Lab ID-Version‡: 18608812-1

Sample Layers	Asbestos Content
Black Roofing Shingle	ND
Composite Non-Asbestos Content:	15% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 96A, Black Roof Felt

Lab ID-Version‡: 18608813-1

Sample Layers	Asbestos Content
Black Roofing Felt	ND
Composite Non-Asbestos Content:	60% Cellulose
Sample Composite Homogeneity:	Good

Location: 96B, Black Roof Felt

Lab ID-Version‡: 18608814-1

Sample Layers	Asbestos Content
Black Roofing Felt	ND
Composite Non-Asbestos Content:	60% Cellulose
Sample Composite Homogeneity:	Good

Location: 96C, Black Roof Felt

Lab ID-Version‡: 18608815-1

Sample Layers	Asbestos Content
Black Roofing Felt	ND
Composite Non-Asbestos Content:	60% Cellulose
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 97A, Exterior Window Caulk

Lab ID-Version‡: 18608816-1

Sample Layers	Asbestos Content
Light Brown Caulk	ND
Sample Composite Homogeneity:	Good

Location: 97B, Exterior Window Caulk

Lab ID-Version‡: 18608817-1

Sample Layers	Asbestos Content
Light Brown Caulk	ND
Sample Composite Homogeneity:	Good

Location: 97C, Exterior Window Caulk

Lab ID-Version‡: 18608818-1

Sample Layers	Asbestos Content
Light Brown Caulk	ND
Sample Composite Homogeneity:	Good

Location: 98A, Exterior Door Caulk

Lab ID-Version‡: 18608819-1

Sample Layers	Asbestos Content
Brown Caulk	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 98B, Exterior Door Caulk

Lab ID-Version‡: 18608820-1

Sample Layers	Asbestos Content
Brown Caulk	ND
Sample Composite Homogeneity:	Good

Location: 98C, Exterior Door Caulk

Lab ID-Version‡: 18608821-1

Sample Layers	Asbestos Content
Brown Caulk	ND
Sample Composite Homogeneity:	Good

Location: 99A, Black Roof Shingle

Lab ID-Version‡: 18608822-1

Sample Layers	Asbestos Content
Black Roofing Shingle with Pebbles	ND
Composite Non-Asbestos Content:	10% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 99B, Black Roof Shingle

Lab ID-Version‡: 18608823-1

Sample Layers	Asbestos Content
Black Roofing Shingle with Pebbles	ND
Composite Non-Asbestos Content:	10% Glass Fibers
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 99C, Black Roof Shingle

Lab ID-Version‡: 18608824-1

Sample Layers	Asbestos Content
Black Roofing Shingle with Pebbles	ND
Composite Non-Asbestos Content:	10% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 100A, Black Exterior Roof Mastic

Lab ID-Version‡: 18608825-1

Sample Layers	Asbestos Content
Black Mastic	ND
Sample Composite Homogeneity:	Good

Location: 100B, Black Exterior Roof Mastic

Lab ID-Version‡: 18608826-1

Sample Layers	Asbestos Content
Black Mastic	ND
Sample Composite Homogeneity:	Good

Location: 100C, Black Exterior Roof Mastic

Lab ID-Version‡: 18608827-1

Sample Layers	Asbestos Content
Black Mastic	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 101A, Exterior Window Caulk

Lab ID-Version‡: 18608828-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 101B, Exterior Window Caulk

Lab ID-Version‡: 18608829-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 101C, Exterior Window Caulk

Lab ID-Version‡: 18608830-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 102A, Exterior Door Caulk

Lab ID-Version‡: 18608831-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 102B, Exterior Door Caulk

Lab ID-Version‡: 18608832-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 102C, Exterior Door Caulk

Lab ID-Version‡: 18608833-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 103A, Black Roof Shingle

Lab ID-Version‡: 18608834-1

Sample Layers	Asbestos Content
Black Roofing Shingle	ND
Composite Non-Asbestos Content:	10% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 103B, Black Roof Shingle

Lab ID-Version‡: 18608835-1

Sample Layers	Asbestos Content
Black Roofing Shingle	ND
Composite Non-Asbestos Content:	10% Glass Fibers
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 103C, Black Roof Shingle

Lab ID-Version‡: 18608836-1

Sample Layers	Asbestos Content
Black Roofing Shingle	ND
Composite Non-Asbestos Content:	10% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 104A, Black Exterior Roof Mastic

Lab ID-Version‡: 18608837-1

Sample Layers	Asbestos Content
Black Roofing Mastic	ND
Sample Composite Homogeneity:	Good

Location: 104B, Black Exterior Roof Mastic

Lab ID-Version‡: 18608838-1

Sample Layers	Asbestos Content
Black Roofing Mastic	ND
Sample Composite Homogeneity:	Good

Location: 104C, Black Exterior Roof Mastic

Lab ID-Version‡: 18608839-1

Sample Layers	Asbestos Content
Black Roofing Mastic	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 105A, Exterior Window Caulk

Lab ID-Version‡: 18608840-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 105B, Exterior Window Caulk

Lab ID-Version‡: 18608841-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 105C, Exterior Window Caulk

Lab ID-Version‡: 18608842-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 106A, Exterior Door Caulk

Lab ID-Version‡: 18608843-1

Sample Layers	Asbestos Content
Brown Caulk	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 106B, Exterior Door Caulk

Lab ID-Version‡: 18608844-1

Sample Layers	Asbestos Content
Brown Caulk	ND
Sample Composite Homogeneity:	Good

Location: 106C, Exterior Door Caulk

Lab ID-Version‡: 18608845-1

Sample Layers	Asbestos Content
Brown Caulk	ND
Sample Composite Homogeneity:	Good

Location: 107A, Black Roof Shingle

Lab ID-Version‡: 18608846-1

Sample Layers	Asbestos Content
Black Roofing Shingle	ND
Composite Non-Asbestos Content:	10% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 107B, Black Roof Shingle

Lab ID-Version‡: 18608847-1

Sample Layers	Asbestos Content
Black Roofing Shingle	ND
Composite Non-Asbestos Content:	10% Glass Fibers
Sample Composite Homogeneity:	Good

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(833) 465-5857 www.eurofinsus.com/Built

Client: AEI Consultants
C/O: Mr. Michael Capozzi
Re: 497755; Highland Square, Greenville, SC

Date of Receipt: 09-10-2024
Date of Report: 09-12-2024

ASBESTOS PLM REPORT

Location: 107C, Black Roof Shingle

Lab ID-Version‡: 18608848-1

Sample Layers	Asbestos Content
Black Roofing Shingle	ND
Composite Non-Asbestos Content:	10% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 108A, Black Roof Felt

Lab ID-Version‡: 18608849-1

Sample Layers	Asbestos Content
Black Roofing Felt	ND
Composite Non-Asbestos Content:	70% Cellulose
Sample Composite Homogeneity:	Good

Location: 108B, Black Roof Felt

Lab ID-Version‡: 18608850-1

Sample Layers	Asbestos Content
Black Roofing Felt	ND
Composite Non-Asbestos Content:	70% Cellulose
Sample Composite Homogeneity:	Good

Location: 108C, Black Roof Felt

Lab ID-Version‡: 18608851-1

Sample Layers	Asbestos Content
Black Roofing Felt	ND
Composite Non-Asbestos Content:	70% Cellulose
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 109A, Exterior Window Caulk

Lab ID-Version‡: 18608852-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 109B, Exterior Window Caulk

Lab ID-Version‡: 18608853-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 109C, Exterior Window Caulk

Lab ID-Version‡: 18608854-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 110A, Exterior Door Caulk

Lab ID-Version‡: 18608855-1

Sample Layers	Asbestos Content
Brown Caulk	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 110B, Exterior Door Caulk

Lab ID-Version‡: 18608856-1

Sample Layers	Asbestos Content
Brown Caulk	ND
Sample Composite Homogeneity:	Good

Location: 110C, Exterior Door Caulk

Lab ID-Version‡: 18608857-1

Sample Layers	Asbestos Content
Brown Caulk	ND
Sample Composite Homogeneity:	Good

Location: 111A, Orange/Black Roof Shingle

Lab ID-Version‡: 18608858-1

Sample Layers	Asbestos Content
Black Roofing Shingle	ND
Composite Non-Asbestos Content:	10% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 111B, Orange/Black Roof Shingle

Lab ID-Version‡: 18608859-1

Sample Layers	Asbestos Content
Black Roofing Shingle	ND
Composite Non-Asbestos Content:	10% Glass Fibers
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 111C, Orange/Black Roof Shingle

Lab ID-Version‡: 18608860-1

Sample Layers	Asbestos Content
Black Roofing Shingle	ND
Composite Non-Asbestos Content:	10% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 112A, Black Roof Felt

Lab ID-Version‡: 18608861-1

Sample Layers	Asbestos Content
Black Roofing Felt	ND
Composite Non-Asbestos Content:	70% Cellulose
Sample Composite Homogeneity:	Good

Location: 112B, Black Roof Felt

Lab ID-Version‡: 18608862-1

Sample Layers	Asbestos Content
Black Roofing Felt	ND
Composite Non-Asbestos Content:	70% Cellulose
Sample Composite Homogeneity:	Good

Location: 112C, Black Roof Felt

Lab ID-Version‡: 18608863-1

Sample Layers	Asbestos Content
Black Roofing Felt	ND
Composite Non-Asbestos Content:	70% Cellulose
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 113A, Exterior Window Caulk

Lab ID-Version‡: 18608864-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 113B, Exterior Window Caulk

Lab ID-Version‡: 18608865-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 113C, Exterior Window Caulk

Lab ID-Version‡: 18608866-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 114A, Exterior Door Caulk

Lab ID-Version‡: 18608867-1

Sample Layers	Asbestos Content
Brown Caulk	ND
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT

Location: 114B, Exterior Door Caulk

Lab ID-Version‡: 18608868-1

Sample Layers	Asbestos Content
Brown Caulk	ND
Sample Composite Homogeneity:	Moderate

Location: 114C, Exterior Door Caulk

Lab ID-Version‡: 18608869-1

Sample Layers	Asbestos Content
Brown Caulk	ND
Sample Composite Homogeneity:	Moderate

Location: 115A, Black Roof Shingle

Lab ID-Version‡: 18608870-1

Sample Layers	Asbestos Content
Black Roofing Shingle	ND
Composite Non-Asbestos Content:	15% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: 115B, Black Roof Shingle

Lab ID-Version‡: 18608871-1

Sample Layers	Asbestos Content
Black Roofing Shingle	ND
Composite Non-Asbestos Content:	15% Glass Fibers
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT

Location: 115C, Black Roof Shingle

Lab ID-Version‡: 18608872-1

Sample Layers	Asbestos Content
Black Roofing Shingle	ND
Composite Non-Asbestos Content:	15% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: 116A, Black Roof Felt

Lab ID-Version‡: 18608873-1

Sample Layers	Asbestos Content
Black Roofing Felt	ND
Composite Non-Asbestos Content:	75% Cellulose
Sample Composite Homogeneity:	Good

Location: 116B, Black Roof Felt

Lab ID-Version‡: 18608874-1

Sample Layers	Asbestos Content
Black Roofing Felt	ND
Composite Non-Asbestos Content:	75% Cellulose
Sample Composite Homogeneity:	Good

Location: 116C, Black Roof Felt

Lab ID-Version‡: 18608875-1

Sample Layers	Asbestos Content
Black Roofing Felt	ND
Composite Non-Asbestos Content:	75% Cellulose
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 117A, Black Exterior Roof Mastic

Lab ID-Version‡: 18608876-1

Sample Layers	Asbestos Content
Black Mastic	ND
Sample Composite Homogeneity:	Good

Location: 117B, Black Exterior Roof Mastic

Lab ID-Version‡: 18608877-1

Sample Layers	Asbestos Content
Black Mastic	ND
Sample Composite Homogeneity:	Good

Location: 117C, Black Exterior Roof Mastic

Lab ID-Version‡: 18608878-1

Sample Layers	Asbestos Content
Black Mastic	ND
Sample Composite Homogeneity:	Good

Location: 118A, Exterior Window Caulk

Lab ID-Version‡: 18608879-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 118B, Exterior Window Caulk

Lab ID-Version‡: 18608880-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 118C, Exterior Window Caulk

Lab ID-Version‡: 18608881-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 119A, Exterior Door Caulk

Lab ID-Version‡: 18608882-1

Sample Layers	Asbestos Content
Gray Caulk	ND
Sample Composite Homogeneity:	Moderate

Location: 119B, Exterior Door Caulk

Lab ID-Version‡: 18608883-1

Sample Layers	Asbestos Content
Gray Caulk	ND
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT

Location: 119C, Exterior Door Caulk

Lab ID-Version‡: 18608884-1

Sample Layers	Asbestos Content
Gray Caulk	ND
Sample Composite Homogeneity:	Moderate

Location: 120A, Black Roof Shingle

Lab ID-Version‡: 18608885-1

Sample Layers	Asbestos Content
Black Roofing Shingle	ND
Composite Non-Asbestos Content:	15% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: 120B, Black Roof Shingle

Lab ID-Version‡: 18608886-1

Sample Layers	Asbestos Content
Black Roofing Shingle	ND
Composite Non-Asbestos Content:	15% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: 120C, Black Roof Shingle

Lab ID-Version‡: 18608887-1

Sample Layers	Asbestos Content
Black Roofing Shingle	ND
Composite Non-Asbestos Content:	15% Glass Fibers
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT

Location: 121A, Black Roof Felt

Lab ID-Version‡: 18608888-1

Sample Layers	Asbestos Content
Black Roofing Felt	ND
Composite Non-Asbestos Content:	75% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 121B, Black Roof Felt

Lab ID-Version‡: 18608889-1

Sample Layers	Asbestos Content
Black Roofing Felt	ND
Composite Non-Asbestos Content:	75% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 121C, Black Roof Felt

Lab ID-Version‡: 18608890-1

Sample Layers	Asbestos Content
Black Roofing Felt	ND
Composite Non-Asbestos Content:	75% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 122A, Black Exterior Roof Mastic

Lab ID-Version‡: 18608891-1

Sample Layers	Asbestos Content
Black Mastic	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 122B, Black Exterior Roof Mastic

Lab ID-Version‡: 18608892-1

Sample Layers	Asbestos Content
Black Mastic	ND
Sample Composite Homogeneity:	Good

Location: 122C, Black Exterior Roof Mastic

Lab ID-Version‡: 18608893-1

Sample Layers	Asbestos Content
Black Mastic	ND
Sample Composite Homogeneity:	Good

Location: 123A, Exterior Window Caulk

Lab ID-Version‡: 18608894-1

Sample Layers	Asbestos Content
Off-White Caulk	ND
Sample Composite Homogeneity:	Moderate

Location: 123B, Exterior Window Caulk

Lab ID-Version‡: 18608895-1

Sample Layers	Asbestos Content
Off-White Caulk	ND
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT

Location: 123C, Exterior Window Caulk

Lab ID-Version‡: 18608896-1

Sample Layers	Asbestos Content
Off-White Caulk	ND
Sample Composite Homogeneity:	Moderate

Location: 124A, Exterior Door Caulk

Lab ID-Version‡: 18608897-1

Sample Layers	Asbestos Content
Gray Caulk	ND
Sample Composite Homogeneity:	Moderate

Location: 124B, Exterior Door Caulk

Lab ID-Version‡: 18608898-1

Sample Layers	Asbestos Content
Gray Caulk	ND
Sample Composite Homogeneity:	Moderate

Location: 124C, Exterior Door Caulk

Lab ID-Version‡: 18608899-1

Sample Layers	Asbestos Content
Gray Caulk	ND
Sample Composite Homogeneity:	Moderate

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Eurofins EPK Built Environment Testing, LLC
2841 Dow Avenue, Suite 300, Tustin, CA 92780
(833) 465-5857 www.eurofinsus.com/Built

Client: AEI Consultants
C/O: Mr. Michael Capozzi
Re: 497755; Highland Square, Greenville, SC

Date of Receipt: 09-10-2024
Date of Report: 09-12-2024

ASBESTOS PLM REPORT

Location: 125A, Drywall

Lab ID-Version‡: 18608900-1

Sample Layers	Asbestos Content
White Drywall	ND
Composite Non-Asbestos Content:	5% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 125B, Drywall

Lab ID-Version‡: 18608901-1

Sample Layers	Asbestos Content
White Drywall	ND
Composite Non-Asbestos Content:	5% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 125C, Drywall

Lab ID-Version‡: 18608902-1

Sample Layers	Asbestos Content
White Drywall	ND
Composite Non-Asbestos Content:	5% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 126A, Joint Compound

Lab ID-Version‡: 18608903-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
Cream Tape	ND
White Joint Compound	ND
Sample Composite Homogeneity:	Moderate

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Date of Receipt: 09-10-2024
Date of Report: 09-12-2024

ASBESTOS PLM REPORT

Location: 126B, Joint Compound

Lab ID-Version‡: 18608904-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
Sample Composite Homogeneity:	Moderate

Location: 126C, Joint Compound

Lab ID-Version‡: 18608905-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
Sample Composite Homogeneity:	Moderate

Location: 126D, Joint Compound

Lab ID-Version‡: 18608906-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
Sample Composite Homogeneity:	Moderate

Location: 126E, Joint Compound

Lab ID-Version‡: 18608907-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT

Location: 127A, White Ceiling Texture

Lab ID-Version‡: 18608908-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 127B, White Ceiling Texture

Lab ID-Version‡: 18608909-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 127C, White Ceiling Texture

Lab ID-Version‡: 18608910-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 127D, White Ceiling Texture

Lab ID-Version‡: 18608911-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 127E, White Ceiling Texture

Lab ID-Version‡: 18608912-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

Location: 128A, Wall Texture

Lab ID-Version‡: 18608913-1

Sample Layers	Asbestos Content
White Texture	ND
Composite Non-Asbestos Content:	5% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 128B, Wall Texture

Lab ID-Version‡: 18608914-1

Sample Layers	Asbestos Content
White Texture	ND
Off-White Texture	ND
Composite Non-Asbestos Content:	5% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 128C, Wall Texture

Lab ID-Version‡: 18608915-1

Sample Layers	Asbestos Content
White Texture	ND
Composite Non-Asbestos Content:	5% Cellulose
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT

Location: 128D, Wall Texture

Lab ID-Version‡: 18608916-1

Sample Layers	Asbestos Content
White Texture	ND
Off-White Texture	ND
Composite Non-Asbestos Content:	5% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 128E, Wall Texture

Lab ID-Version‡: 18608917-1

Sample Layers	Asbestos Content
White Texture	ND
Composite Non-Asbestos Content:	5% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 129A, Brown 6" Vinyl Floor Plank

Lab ID-Version‡: 18608918-1

Sample Layers	Asbestos Content
Brown Flooring	ND
Transparent Mastic	ND
Green Non-Fibrous Material	ND
Sample Composite Homogeneity:	Moderate

Location: 129B, Brown 6" Vinyl Floor Plank

Lab ID-Version‡: 18608919-1

Sample Layers	Asbestos Content
Brown Flooring	ND
Transparent Mastic	ND
Green Non-Fibrous Material	ND
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT

Location: 129C, Brown 6" Vinyl Floor Plank

Lab ID-Version‡: 18608920-1

Sample Layers	Asbestos Content
Brown Flooring	ND
Transparent Mastic	ND
Green Non-Fibrous Material	ND
Sample Composite Homogeneity:	Moderate

Location: 130A, White Interior Caulk

Lab ID-Version‡: 18608921-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Moderate

Location: 130B, White Interior Caulk

Lab ID-Version‡: 18608922-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Moderate

Location: 130C, White Interior Caulk

Lab ID-Version‡: 18608923-1

Sample Layers	Asbestos Content
White Caulk	ND
White Compound	ND
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT

Location: 131A, Black Exterior Roof Shingle

Lab ID-Version‡: 18608924-1

Sample Layers	Asbestos Content
Black Roofing Shingle with Pebbles	ND
Composite Non-Asbestos Content:	15% Glass Fibers 5% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 131B, Black Exterior Roof Shingle

Lab ID-Version‡: 18608925-1

Sample Layers	Asbestos Content
Black Roofing Shingle with Pebbles	ND
Composite Non-Asbestos Content:	15% Glass Fibers 5% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 131C, Black Exterior Roof Shingle

Lab ID-Version‡: 18608926-1

Sample Layers	Asbestos Content
Black Roofing Shingle with Pebbles	ND
Composite Non-Asbestos Content:	15% Glass Fibers 5% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 132A, White Exterior Window Caulk

Lab ID-Version‡: 18608927-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 132B, White Exterior Window Caulk

Lab ID-Version‡: 18608928-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 132C, White Exterior Window Caulk

Lab ID-Version‡: 18608929-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 133A, White Exterior Door Caulk

Lab ID-Version‡: 18608930-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 133B, White Exterior Door Caulk

Lab ID-Version‡: 18608931-1

Sample Layers	Asbestos Content
Transparent Caulk	ND
Sample Composite Homogeneity:	Good

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ASBESTOS PLM REPORT

Location: 133C, White Exterior Door Caulk

Lab ID-Version‡: 18608932-1

Sample Layers	Asbestos Content
Transparent Caulk	ND
Sample Composite Homogeneity:	Good

Location: 134A, White Exterior Wall Caulk

Lab ID-Version‡: 18608933-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 134B, White Exterior Wall Caulk

Lab ID-Version‡: 18608934-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 134C, White Exterior Wall Caulk

Lab ID-Version‡: 18608935-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

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Report for:

Mr. Michael Capozzi
AEI Consultants
112 Water Street
5th Floor
Boston, MA 02109

Regarding: Eurofins EPK Built Environment Testing, LLC
Project: 497755; Highland Square, Greenville, SC
EML ID: 3774481

Approved by:

Technical Manager
Danny Li

Dates of Analysis:
Asbestos TEM Chatfield (EPA/600/R-93/116): 09-18-2024 and 09-19-2024

Service SOPs: Asbestos TEM Chatfield (EPA/600/R-93/116) (EB-AS-S-8762)

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the samples as received and tested.

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Re: 497755; Highland Square, Greenville, SC

Date of Receipt: 09-10-2024
Date of Report: 09-20-2024

ASBESTOS TEM NOB CHATFIELD REPORT: EPA METHOD 600/R-93-116

Location:	4A, White Interior Caulking	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
White Caulk	ND	< 0.12%
	Organic Component: 26.7372%	
	Acid Soluble Component: 60.7760%	
Lab ID-Version‡: 18636342-1	Acid Insoluble Inorganic Component: 12.4868%	

Location:	5A, 4" Beige Cove Base/Beige Mastic	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Beige Baseboard	ND	< 0.06%
	Organic Component: 3.7643%	
	Acid Soluble Component: 90.6710%	
Lab ID-Version‡: 18636343-1	Acid Insoluble Inorganic Component: 5.5646%	

Location:	5A, 4" Beige Cove Base/Beige Mastic	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Beige Mastic	ND	< 0.50%
	Organic Component: 43.9626%	
	Acid Soluble Component: 6.2041%	
Lab ID-Version‡: 18636458-1	Acid Insoluble Inorganic Component: 49.8332%	

§The Asbestos Concentration is assessed as the percentage of Acid Insoluble Inorganic Component. When Trace Asbestos is detected (assessed percentage <1%) and/or Asbestos is Not Detected (ND), the limit of detection for the sample is reported. Asbestos Concentration is rounded to two decimal places to reflect analytical precision.

Each sample was separated into a representative subsample and analyzed individually. The subsample was ashed and dissolved in acid to achieve the final residual weight. The residual material was evaluated for Asbestos following the semi-quantitative guidelines in EPA Method 600/R-93/116.

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ASBESTOS TEM NOB CHATFIELD REPORT: EPA METHOD 600/R-93-116

Location:	6B, 4" Brown Wood Pattern Vinyl Plank	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Brown Floor Tile	ND	< 0.12%
	Organic Component: 15.7595%	
	Acid Soluble Component: 72.2989%	
Lab ID-Version‡: 18636344-1	Acid Insoluble Inorganic Component: 11.9415%	

Location:	6B, 4" Brown Wood Pattern Vinyl Plank	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Yellow Mastic	ND	< 0.21%
	Organic Component: 56.9731%	
	Acid Soluble Component: 22.1388%	
Lab ID-Version‡: 18636459-1	Acid Insoluble Inorganic Component: 20.8881%	

Location:	8A, Gray/Beige 12"x12" Vinyl Floor Tile, Base Layer	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
White Floor Tile	ND	< 0.10%
	Organic Component: 19.1191%	
	Acid Soluble Component: 70.7708%	
Lab ID-Version‡: 18636345-1	Acid Insoluble Inorganic Component: 10.1101%	

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ASBESTOS TEM NOB CHATFIELD REPORT: EPA METHOD 600/R-93-116

Location:	8A, Gray/Beige 12"x12" Vinyl Floor Tile, Base Layer	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Transparent Mastic	ND	< 0.16%
	Organic Component: 46.3178%	
	Acid Soluble Component: 37.7907%	
Lab ID-Version‡: 18636460-1	Acid Insoluble Inorganic Component: 15.8915%	

Location:	12B, White Interior Caulking	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
White Caulk	ND	< 0.04%
	Organic Component: 31.5055%	
	Acid Soluble Component: 64.8056%	
Lab ID-Version‡: 18636346-1	Acid Insoluble Inorganic Component: 3.6889%	

Location:	13B, 4" Beige Cove Base/Beige Mastic	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Brown Baseboard	ND	< 0.15%
	Organic Component: 36.1963%	
	Acid Soluble Component: 48.4663%	
Lab ID-Version‡: 18636347-1	Acid Insoluble Inorganic Component: 15.3374%	

§The Asbestos Concentration is assessed as the percentage of Acid Insoluble Inorganic Component. When Trace Asbestos is detected (assessed percentage <1%) and/or Asbestos is Not Detected (ND), the limit of detection for the sample is reported. Asbestos Concentration is rounded to two decimal places to reflect analytical precision.

Each sample was separated into a representative subsample and analyzed individually. The subsample was ashed and dissolved in acid to achieve the final residual weight. The residual material was evaluated for Asbestos following the semi-quantitative guidelines in EPA Method 600/R-93/116.

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Client: AEI Consultants
C/O: Mr. Michael Capozzi
Re: 497755; Highland Square, Greenville, SC

Date of Receipt: 09-10-2024
Date of Report: 09-20-2024

ASBESTOS TEM NOB CHATFIELD REPORT: EPA METHOD 600/R-93-116

Location:	13B, 4" Beige Cove Base/Beige Mastic	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Tan Glue	ND	< 0.38%
		Organic Component: 44.9092%
		Acid Soluble Component: 16.6535%
Lab ID-Version‡: 18636461-1		Acid Insoluble Inorganic Component: 38.4373%

Location:	14B, 4" Brown Wood Pattern Vinyl Plank	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Brown Flooring	ND	< 0.02%
		Organic Component: 21.4465%
		Acid Soluble Component: 76.1189%
Lab ID-Version‡: 18636348-1		Acid Insoluble Inorganic Component: 2.4347%

Location:	16C, Gray/Beige 12"x12" Vinyl Floor Tile, Base Layer	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Gray Floor Tile	ND	< 0.04%
		Organic Component: 22.2816%
		Acid Soluble Component: 73.2524%
Lab ID-Version‡: 18636349-1		Acid Insoluble Inorganic Component: 4.4660%

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ASBESTOS TEM NOB CHATFIELD REPORT: EPA METHOD 600/R-93-116

Location:	16C, Gray/Beige 12"x12" Vinyl Floor Tile, Base Layer	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Yellow Mastic	Chrysotile	2.22%
	Total	2.22%
	Organic Component: 40.6206%	
	Acid Soluble Component: 50.4937%	
Lab ID-Version‡: 18636462-1	Acid Insoluble Inorganic Component: 8.8858%	

Location:	20A, White Interior Caulking	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
White Caulk	ND	< 0.27%
	Organic Component: 36.5569%	
	Acid Soluble Component: 36.0255%	
Lab ID-Version‡: 18636350-1	Acid Insoluble Inorganic Component: 27.4176%	

Location:	21B, 4" Beige Cove Base/Beige Mastic	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Brown Baseboard	ND	< 0.02%
	Organic Component: 12.8250%	
	Acid Soluble Component: 85.6586%	
Lab ID-Version‡: 18636351-1	Acid Insoluble Inorganic Component: 1.5165%	

§The Asbestos Concentration is assessed as the percentage of Acid Insoluble Inorganic Component. When Trace Asbestos is detected (assessed percentage <1%) and/or Asbestos is Not Detected (ND), the limit of detection for the sample is reported. Asbestos Concentration is rounded to two decimal places to reflect analytical precision.

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ASBESTOS TEM NOB CHATFIELD REPORT: EPA METHOD 600/R-93-116

Location:	21B, 4" Beige Cove Base/Beige Mastic	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Cream Glue	ND	< 0.33%
	Organic Component: 64.6132%	
	Acid Soluble Component: 2.5788%	
Lab ID-Version‡: 18636463-1	Acid Insoluble Inorganic Component: 32.8080%	

Location:	22B, 4" Brown Wood Pattern Vinyl Plank	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Brown Flooring	ND	< 0.04%
	Organic Component: 22.0769%	
	Acid Soluble Component: 73.4615%	
Lab ID-Version‡: 18636352-1	Acid Insoluble Inorganic Component: 4.4615%	

Location:	23A, White HVAC Duct Mastic	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Yellow Mastic	ND	< 0.22%
	Organic Component: 69.7368%	
	Acid Soluble Component: 8.4211%	
Lab ID-Version‡: 18636353-1	Acid Insoluble Inorganic Component: 21.8421%	

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ASBESTOS TEM NOB CHATFIELD REPORT: EPA METHOD 600/R-93-116

Location:	24C, Gray 12"x12" Vinyl Floor Tile, Base Layer	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Beige Floor Tile	ND	< 0.02%
	Organic Component: 3.4593%	
	Acid Soluble Component: 94.9358%	
Lab ID-Version‡: 18636354-1	Acid Insoluble Inorganic Component: 1.6049%	

Location:	24C, Gray 12"x12" Vinyl Floor Tile, Base Layer	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Brown Mastic	ND	< 0.57%
	Organic Component: 34.1049%	
	Acid Soluble Component: 8.6420%	
Lab ID-Version‡: 18636464-1	Acid Insoluble Inorganic Component: 57.2531%	

Location:	25A, Light Brown 12"x12" Vinyl Floor Tile, Base Layer	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Tan Floor Tile	ND	< 0.06%
	Organic Component: 30.5275%	
	Acid Soluble Component: 63.8608%	
Lab ID-Version‡: 18636355-1	Acid Insoluble Inorganic Component: 5.6117%	

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ASBESTOS TEM NOB CHATFIELD REPORT: EPA METHOD 600/R-93-116

Location:	29A, White Interior Caulking	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
White Caulk	ND	< 0.50%
	Organic Component: 44.6225% Acid Soluble Component: 5.1331% Acid Insoluble Inorganic Component: 50.2444%	
Lab ID-Version‡: 18636356-1		

Location:	30B, 4" Beige Cove Base/Beige Mastic	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Brown Baseboard	ND	< 0.07%
	Organic Component: 2.2663% Acid Soluble Component: 90.3683% Acid Insoluble Inorganic Component: 7.3654%	
Lab ID-Version‡: 18636357-1		

Location:	30B, 4" Beige Cove Base/Beige Mastic	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Tan Glue	ND	< 0.34%
	Organic Component: 57.1953% Acid Soluble Component: 8.4507% Acid Insoluble Inorganic Component: 34.3539%	
Lab ID-Version‡: 18636465-1		

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ASBESTOS TEM NOB CHATFIELD REPORT: EPA METHOD 600/R-93-116

Location:	31A, 4" Brown Wood Pattern Vinyl Plank	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Brown Flooring	ND	< 0.02%
	Organic Component: 19.3262%	
	Acid Soluble Component: 78.7943%	
Lab ID-Version‡: 18636358-1	Acid Insoluble Inorganic Component: 1.8794%	

Location:	33A, Gray 12"x12" Vinyl Floor Tile, Base Layer	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
White Floor Tile	ND	< 0.04%
	Organic Component: 21.2014%	
	Acid Soluble Component: 74.9588%	
Lab ID-Version‡: 18636360-1	Acid Insoluble Inorganic Component: 3.8398%	

Location:	33A, Gray 12"x12" Vinyl Floor Tile, Base Layer	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Gray Mastic	ND	< 0.09%
	Organic Component: 46.8864%	
	Acid Soluble Component: 44.0781%	
Lab ID-Version‡: 18636466-1	Acid Insoluble Inorganic Component: 9.0354%	

§The Asbestos Concentration is assessed as the percentage of Acid Insoluble Inorganic Component. When Trace Asbestos is detected (assessed percentage <1%) and/or Asbestos is Not Detected (ND), the limit of detection for the sample is reported. Asbestos Concentration is rounded to two decimal places to reflect analytical precision.

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Location:	33B, Gray 12"x12" Vinyl Floor Tile, Base Layer	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Tan Sheet Flooring with Fibrous Backing	ND	< 0.03%
		Organic Component: 40.1076%
		Acid Soluble Component: 56.4925%
Lab ID-Version‡: 18636361-1		Acid Insoluble Inorganic Component: 3.3999%

Location:	37A, White Interior Caulking	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
White Caulk	ND	< 0.41%
		Organic Component: 44.0200%
		Acid Soluble Component: 15.3251%
Lab ID-Version‡: 18636362-1		Acid Insoluble Inorganic Component: 40.6548%

Location:	38A, 4" Beige Cove Base/Beige Mastic	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Brown Baseboard	ND	< 0.02%
		Organic Component: 9.0537%
		Acid Soluble Component: 88.5934%
Lab ID-Version‡: 18636363-1		Acid Insoluble Inorganic Component: 2.3529%

§The Asbestos Concentration is assessed as the percentage of Acid Insoluble Inorganic Component. When Trace Asbestos is detected (assessed percentage <1%) and/or Asbestos is Not Detected (ND), the limit of detection for the sample is reported. Asbestos Concentration is rounded to two decimal places to reflect analytical precision.

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Location:	38A, 4" Beige Cove Base/Beige Mastic	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
White Glue	ND	< 0.02%
	Organic Component: 25.6825%	
	Acid Soluble Component: 71.8908%	
Lab ID-Version‡: 18636467-1	Acid Insoluble Inorganic Component: 2.4267%	

Location:	39A, 4" Brown Wood Pattern Vinyl Plank	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Brown Flooring	ND	< 0.03%
	Organic Component: 20.4810%	
	Acid Soluble Component: 76.3247%	
Lab ID-Version‡: 18636364-1	Acid Insoluble Inorganic Component: 3.1943%	

Location:	42B, Gray 4" Vinyl Floor Plank	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Gray Sheet Flooring	ND	< 0.04%
	Organic Component: 14.3976%	
	Acid Soluble Component: 82.0764%	
Lab ID-Version‡: 18636366-1	Acid Insoluble Inorganic Component: 3.5260%	

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ASBESTOS TEM NOB CHATFIELD REPORT: EPA METHOD 600/R-93-116

Location:	46B, White Interior Caulking	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
White Caulk	ND	< 0.14%
	Organic Component: 32.0517%	
	Acid Soluble Component: 54.0603%	
Lab ID-Version‡: 18636367-1	Acid Insoluble Inorganic Component: 13.8880%	

Location:	47A, 4" Beige Cove Base/Beige Mastic	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Beige Baseboard	ND	< 0.02%
	Organic Component: 11.8508%	
	Acid Soluble Component: 86.1973%	
Lab ID-Version‡: 18636368-1	Acid Insoluble Inorganic Component: 1.9519%	

Location:	47A, 4" Beige Cove Base/Beige Mastic	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Beige Mastic	ND	< 0.32%
	Organic Component: 54.8865%	
	Acid Soluble Component: 13.0616%	
Lab ID-Version‡: 18636468-1	Acid Insoluble Inorganic Component: 32.0519%	

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ASBESTOS TEM NOB CHATFIELD REPORT: EPA METHOD 600/R-93-116

Location:	48A, 4" Brown Wood Pattern Vinyl Plank	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Brown Sheet Flooring	ND	< 0.02%
	Organic Component: 20.0695%	
	Acid Soluble Component: 77.7585%	
Lab ID-Version‡: 18636369-1	Acid Insoluble Inorganic Component: 2.1720%	

Location:	50A, Gray 4" Vinyl Floor Plank	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Gray Sheet Flooring	ND	< 0.01%
	Organic Component: 11.8478%	
	Acid Soluble Component: 87.0652%	
Lab ID-Version‡: 18636371-1	Acid Insoluble Inorganic Component: 1.0870%	

Location:	55A, White Interior Caulking	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
White Caulk	ND	< 0.03%
	Organic Component: 27.1831%	
	Acid Soluble Component: 70.2113%	
Lab ID-Version‡: 18636372-1	Acid Insoluble Inorganic Component: 2.6056%	

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ASBESTOS TEM NOB CHATFIELD REPORT: EPA METHOD 600/R-93-116

Location:	56A, 4" Beige Cove Base/Beige Mastic	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Beige Baseboard	ND	< 0.02%
	Organic Component: 5.2910% Acid Soluble Component: 92.6808% Acid Insoluble Inorganic Component: 2.0282%	
Lab ID-Version‡: 18636373-1		

Location:	56A, 4" Beige Cove Base/Beige Mastic	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Beige Mastic	ND	< 0.27%
	Organic Component: 64.0000% Acid Soluble Component: 8.6897% Acid Insoluble Inorganic Component: 27.3103%	
Lab ID-Version‡: 18636469-1		

Location:	57A, 4" Brown Wood Pattern Vinyl Plank	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Brown Sheet Flooring	ND	< 0.03%
	Organic Component: 18.5940% Acid Soluble Component: 78.1497% Acid Insoluble Inorganic Component: 3.2562%	
Lab ID-Version‡: 18636374-1		

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ASBESTOS TEM NOB CHATFIELD REPORT: EPA METHOD 600/R-93-116

Location:	59A, Beige Vinyl Flooring, 2 Layers	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Beige Floor Tile	ND	< 0.06%
	Organic Component: 4.0279%	
	Acid Soluble Component: 90.0540%	
Lab ID-Version‡: 18636376-1	Acid Insoluble Inorganic Component: 5.9181%	

Location:	63A, White Interior Caulking	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
White Caulk	ND	< 0.32%
	Organic Component: 39.0210%	
	Acid Soluble Component: 28.5315%	
Lab ID-Version‡: 18636377-1	Acid Insoluble Inorganic Component: 32.4476%	

Location:	64A, 4" Beige Cove Base/Beige Mastic	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Beige Baseboard	ND	< 0.01%
	Organic Component: 4.7521%	
	Acid Soluble Component: 93.8017%	
Lab ID-Version‡: 18636378-1	Acid Insoluble Inorganic Component: 1.4463%	

§The Asbestos Concentration is assessed as the percentage of Acid Insoluble Inorganic Component. When Trace Asbestos is detected (assessed percentage <1%) and/or Asbestos is Not Detected (ND), the limit of detection for the sample is reported. Asbestos Concentration is rounded to two decimal places to reflect analytical precision.

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Client: AEI Consultants
C/O: Mr. Michael Capozzi
Re: 497755; Highland Square, Greenville, SC

Date of Receipt: 09-10-2024
Date of Report: 09-20-2024

ASBESTOS TEM NOB CHATFIELD REPORT: EPA METHOD 600/R-93-116

Location:	64A, 4" Beige Cove Base/Beige Mastic	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Beige Mastic	ND	< 0.34%
	Organic Component: 61.3631%	
	Acid Soluble Component: 4.3415%	
Lab ID-Version‡: 18636470-1	Acid Insoluble Inorganic Component: 34.2954%	

Location:	65A, 4" Brown Wood Pattern Vinyl Plank	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Brown Sheet Flooring	ND	< 0.01%
	Organic Component: 33.0000%	
	Acid Soluble Component: 66.3000%	
Lab ID-Version‡: 18636379-1	Acid Insoluble Inorganic Component: 0.7000%	

Location:	67A, Beige Vinyl Sheet Flooring, 2nd Layer	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Beige Sheet Flooring with Fibrous Backing	ND	< 0.11%
	Organic Component: 65.6508%	
	Acid Soluble Component: 23.7184%	
Lab ID-Version‡: 18636380-1	Acid Insoluble Inorganic Component: 10.6308%	

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ASBESTOS TEM NOB CHATFIELD REPORT: EPA METHOD 600/R-93-116

Location:	68A, Off-White Vinyl Sheet Flooring, 2nd Layer	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Off-White Sheet Flooring with Fibrous Backing	ND	< 0.13%
		Organic Component: 52.1874%
		Acid Soluble Component: 35.3087%
Lab ID-Version‡: 18636381-1		Acid Insoluble Inorganic Component: 12.5039%

Location:	72A, White Interior Caulking	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
White Caulk	ND	< 0.05%
		Organic Component: 31.2130%
		Acid Soluble Component: 63.4615%
Lab ID-Version‡: 18636382-1		Acid Insoluble Inorganic Component: 5.3254%

Location:	73A, 4" Beige Cove Base/Beige Mastic	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Beige Baseboard	ND	< 0.01%
		Organic Component: 36.9002%
		Acid Soluble Component: 61.6146%
Lab ID-Version‡: 18636383-1		Acid Insoluble Inorganic Component: 1.4851%

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ASBESTOS TEM NOB CHATFIELD REPORT: EPA METHOD 600/R-93-116

Location:	73A, 4" Beige Cove Base/Beige Mastic	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Beige Mastic	ND	< 0.31%
	Organic Component: 61.9048%	
	Acid Soluble Component: 6.9173%	
Lab ID-Version‡: 18636471-1	Acid Insoluble Inorganic Component: 31.1779%	

Location:	74A, 4" Brown Wood Pattern Vinyl Plank	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Brown Sheet Flooring	ND	< 0.01%
	Organic Component: 45.1584%	
	Acid Soluble Component: 54.2081%	
Lab ID-Version‡: 18636384-1	Acid Insoluble Inorganic Component: 0.6335%	

Location:	79A, White Interior Caulking	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
White Caulk	ND	< 0.05%
	Organic Component: 47.8880%	
	Acid Soluble Component: 46.6540%	
Lab ID-Version‡: 18636386-1	Acid Insoluble Inorganic Component: 5.4580%	

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ASBESTOS TEM NOB CHATFIELD REPORT: EPA METHOD 600/R-93-116

Location:	80A, 4" Beige Cove Base/Beige Mastic	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Beige Cove Base	ND	< 0.01%
	Organic Component: 58.2931%	
	Acid Soluble Component: 40.3382%	
Lab ID-Version‡: 18636387-1	Acid Insoluble Inorganic Component: 1.3688%	

Location:	80A, 4" Beige Cove Base/Beige Mastic	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Beige Mastic	ND	< 0.14%
	Organic Component: 21.2130%	
	Acid Soluble Component: 64.7366%	
Lab ID-Version‡: 18636472-1	Acid Insoluble Inorganic Component: 14.0505%	

Location:	81A, 4" Brown Wood Pattern Vinyl Plank	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Brown/Black Floor Tile	ND	< 0.02%
	Organic Component: 42.8161%	
	Acid Soluble Component: 55.2682%	
Lab ID-Version‡: 18636388-1	Acid Insoluble Inorganic Component: 1.9157%	

§The Asbestos Concentration is assessed as the percentage of Acid Insoluble Inorganic Component. When Trace Asbestos is detected (assessed percentage <1%) and/or Asbestos is Not Detected (ND), the limit of detection for the sample is reported. Asbestos Concentration is rounded to two decimal places to reflect analytical precision.

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ASBESTOS TEM NOB CHATFIELD REPORT: EPA METHOD 600/R-93-116

Location:	82A, White HVAC Duct Mastic	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
White Mastic	ND	< 0.49%
		Organic Component: 29.3463%
		Acid Soluble Component: 21.4186%
Lab ID-Version‡: 18636389-1		Acid Insoluble Inorganic Component: 49.2350%

Location:	83A, Beige Vinyl Sheet Flooring, 2nd Layer	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Beige Sheet Flooring	ND	< 0.02%
		Organic Component: 16.0494%
		Acid Soluble Component: 82.2671%
Lab ID-Version‡: 18636390-1		Acid Insoluble Inorganic Component: 1.6835%

Location:	84A, Black Roof Shingle	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Black Roofing Shingle	ND	< 0.11%
		Organic Component: 29.7082%
		Acid Soluble Component: 59.5491%
Lab ID-Version‡: 18636391-1		Acid Insoluble Inorganic Component: 10.7427%

§The Asbestos Concentration is assessed as the percentage of Acid Insoluble Inorganic Component. When Trace Asbestos is detected (assessed percentage <1%) and/or Asbestos is Not Detected (ND), the limit of detection for the sample is reported. Asbestos Concentration is rounded to two decimal places to reflect analytical precision.

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ASBESTOS TEM NOB CHATFIELD REPORT: EPA METHOD 600/R-93-116

Location:	85A, Black Roof Felt	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Black Roofing Felt	ND	< 0.01%
	Organic Component: 96.2358%	
	Acid Soluble Component: 2.5923%	
Lab ID-Version‡: 18636392-1	Acid Insoluble Inorganic Component: 1.1719%	

Location:	86A, Exterior Window Caulking	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
White Caulk	ND	< 0.20%
	Organic Component: 29.4320%	
	Acid Soluble Component: 50.9466%	
Lab ID-Version‡: 18636393-1	Acid Insoluble Inorganic Component: 19.6213%	

Location:	87A, Exterior Door Caulk	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Brown Caulk	ND	< 0.05%
	Organic Component: 32.9570%	
	Acid Soluble Component: 62.0061%	
Lab ID-Version‡: 18636394-1	Acid Insoluble Inorganic Component: 5.0369%	

§The Asbestos Concentration is assessed as the percentage of Acid Insoluble Inorganic Component. When Trace Asbestos is detected (assessed percentage <1%) and/or Asbestos is Not Detected (ND), the limit of detection for the sample is reported. Asbestos Concentration is rounded to two decimal places to reflect analytical precision.

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Location:	88A, Black Roof Shingle	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Black Roofing Shingle	ND	< 0.31%
	Organic Component: 23.5367%	
	Acid Soluble Component: 45.5791%	
Lab ID-Version‡: 18636395-1	Acid Insoluble Inorganic Component: 30.8842%	

Location:	89A, Black Exterior Roof Mastic	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Black Mastic	ND	< 0.04%
	Organic Component: 36.4802%	
	Acid Soluble Component: 59.6010%	
Lab ID-Version‡: 18636396-1	Acid Insoluble Inorganic Component: 3.9188%	

Location:	90A, Exterior Window Caulk	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
White Caulk	ND	< 0.08%
	Organic Component: 5.0687%	
	Acid Soluble Component: 86.9416%	
Lab ID-Version‡: 18636397-1	Acid Insoluble Inorganic Component: 7.9897%	

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ASBESTOS TEM NOB CHATFIELD REPORT: EPA METHOD 600/R-93-116

Location:	91A, Exterior Door Caulk	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Brown Caulk	ND	< 0.11%
	Organic Component: 30.0711%	
	Acid Soluble Component: 58.5529%	
Lab ID-Version‡: 18636398-1	Acid Insoluble Inorganic Component: 11.3760%	

Location:	92A, Black Roof Shingle	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Black Roofing Shingle	ND	< 0.21%
	Organic Component: 29.4935%	
	Acid Soluble Component: 50.0000%	
Lab ID-Version‡: 18636399-1	Acid Insoluble Inorganic Component: 20.5065%	

Location:	93A, Exterior Window Caulk	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
White Caulk	ND	< 0.08%
	Organic Component: 30.5712%	
	Acid Soluble Component: 61.8958%	
Lab ID-Version‡: 18636400-1	Acid Insoluble Inorganic Component: 7.5330%	

§The Asbestos Concentration is assessed as the percentage of Acid Insoluble Inorganic Component. When Trace Asbestos is detected (assessed percentage <1%) and/or Asbestos is Not Detected (ND), the limit of detection for the sample is reported. Asbestos Concentration is rounded to two decimal places to reflect analytical precision.

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ASBESTOS TEM NOB CHATFIELD REPORT: EPA METHOD 600/R-93-116

Location:	94A, Exterior Door Caulk	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
White Caulk	ND	< 0.02%
	Organic Component: 49.2737%	
	Acid Soluble Component: 48.6034%	
Lab ID-Version‡: 18636401-1	Acid Insoluble Inorganic Component: 2.1229%	

Location:	95A, Black Roof Shingle	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Black Roofing Shingle	ND	< 0.23%
	Organic Component: 25.5000%	
	Acid Soluble Component: 52.0000%	
Lab ID-Version‡: 18636402-1	Acid Insoluble Inorganic Component: 22.5000%	

Location:	96A, Black Roof Felt	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Black Roofing Felt	ND	< 0.01%
	Organic Component: 97.5939%	
	Acid Soluble Component: 1.4671%	
Lab ID-Version‡: 18636403-1	Acid Insoluble Inorganic Component: 0.9390%	

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ASBESTOS TEM NOB CHATFIELD REPORT: EPA METHOD 600/R-93-116

Location:	97A, Exterior Window Caulk	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Light Brown Caulk	ND	< 0.11%
		Organic Component: 30.4185%
		Acid Soluble Component: 58.1824%
Lab ID-Version‡: 18636404-1		Acid Insoluble Inorganic Component: 11.3991%

Location:	98A, Exterior Door Caulk	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Brown Caulk	ND	< 0.07%
		Organic Component: 31.9789%
		Acid Soluble Component: 61.0986%
Lab ID-Version‡: 18636405-1		Acid Insoluble Inorganic Component: 6.9225%

Location:	99A, Black Roof Shingle	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Black Roofing Shingle with Pebbles	ND	< 0.11%
		Organic Component: 32.1739%
		Acid Soluble Component: 57.3123%
Lab ID-Version‡: 18636406-1		Acid Insoluble Inorganic Component: 10.5138%

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Location:	100A, Black Exterior Roof Mastic	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Black Mastic	ND	< 0.03%
		Organic Component: 43.7951%
		Acid Soluble Component: 53.3517%
Lab ID-Version‡: 18636407-1		Acid Insoluble Inorganic Component: 2.8532%

Location:	101A, Exterior Window Caulk	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
White Caulk	ND	< 0.13%
		Organic Component: 28.8270%
		Acid Soluble Component: 57.8032%
Lab ID-Version‡: 18636408-1		Acid Insoluble Inorganic Component: 13.3698%

Location:	102A, Exterior Door Caulk	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
White Caulk	ND	< 0.06%
		Organic Component: 37.7391%
		Acid Soluble Component: 56.3478%
Lab ID-Version‡: 18636409-1		Acid Insoluble Inorganic Component: 5.9130%

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ASBESTOS TEM NOB CHATFIELD REPORT: EPA METHOD 600/R-93-116

Location:	103A, Black Roof Shingle	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Black Roofing Shingle	ND	< 0.10%
	Organic Component: 31.7341%	
	Acid Soluble Component: 58.4647%	
Lab ID-Version‡: 18636410-1	Acid Insoluble Inorganic Component: 9.8012%	

Location:	104A, Black Exterior Roof Mastic	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Black Roofing Mastic	ND	< 0.03%
	Organic Component: 43.1850%	
	Acid Soluble Component: 53.4771%	
Lab ID-Version‡: 18636411-1	Acid Insoluble Inorganic Component: 3.3380%	

Location:	105A, Exterior Window Caulk	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
White Caulk	ND	< 0.04%
	Organic Component: 26.8994%	
	Acid Soluble Component: 69.3532%	
Lab ID-Version‡: 18636412-1	Acid Insoluble Inorganic Component: 3.7474%	

§The Asbestos Concentration is assessed as the percentage of Acid Insoluble Inorganic Component. When Trace Asbestos is detected (assessed percentage <1%) and/or Asbestos is Not Detected (ND), the limit of detection for the sample is reported. Asbestos Concentration is rounded to two decimal places to reflect analytical precision.

Each sample was separated into a representative subsample and analyzed individually. The subsample was ashed and dissolved in acid to achieve the final residual weight. The residual material was evaluated for Asbestos following the semi-quantitative guidelines in EPA Method 600/R-93/116.

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Client: AEI Consultants
C/O: Mr. Michael Capozzi
Re: 497755; Highland Square, Greenville, SC

Date of Receipt: 09-10-2024
Date of Report: 09-20-2024

ASBESTOS TEM NOB CHATFIELD REPORT: EPA METHOD 600/R-93-116

Location:	106A, Exterior Door Caulk	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Brown Caulk	ND	< 0.08%
		Organic Component: 45.1008%
		Acid Soluble Component: 46.7886%
Lab ID-Version‡: 18636413-1		Acid Insoluble Inorganic Component: 8.1106%

Location:	107A, Black Roof Shingle	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Black Roofing Shingle	ND	< 0.23%
		Organic Component: 74.1117%
		Acid Soluble Component: 3.3841%
Lab ID-Version‡: 18636414-1		Acid Insoluble Inorganic Component: 22.5042%

Location:	108A, Black Roof Felt	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Black Roofing Felt	ND	< 0.01%
		Organic Component: 97.1927%
		Acid Soluble Component: 1.5933%
Lab ID-Version‡: 18636415-1		Acid Insoluble Inorganic Component: 1.2140%

§The Asbestos Concentration is assessed as the percentage of Acid Insoluble Inorganic Component. When Trace Asbestos is detected (assessed percentage <1%) and/or Asbestos is Not Detected (ND), the limit of detection for the sample is reported. Asbestos Concentration is rounded to two decimal places to reflect analytical precision.

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ASBESTOS TEM NOB CHATFIELD REPORT: EPA METHOD 600/R-93-116

Location:	109A, Exterior Window Caulk	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
White Caulk	ND	< 0.11%
		Organic Component: 28.5840%
		Acid Soluble Component: 60.8293%
Lab ID-Version‡: 18636416-1		Acid Insoluble Inorganic Component: 10.5867%

Location:	110A, Exterior Door Caulk	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Brown Caulk	ND	< 0.08%
		Organic Component: 33.4535%
		Acid Soluble Component: 58.1381%
Lab ID-Version‡: 18636417-1		Acid Insoluble Inorganic Component: 8.4084%

Location:	111A, Orange/Black Roof Shingle	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Black Roofing Shingle	ND	< 0.23%
		Organic Component: 25.5672%
		Acid Soluble Component: 50.9685%
Lab ID-Version‡: 18636418-1		Acid Insoluble Inorganic Component: 23.4643%

§The Asbestos Concentration is assessed as the percentage of Acid Insoluble Inorganic Component. When Trace Asbestos is detected (assessed percentage <1%) and/or Asbestos is Not Detected (ND), the limit of detection for the sample is reported. Asbestos Concentration is rounded to two decimal places to reflect analytical precision.

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ASBESTOS TEM NOB CHATFIELD REPORT: EPA METHOD 600/R-93-116

Location:	112A, Black Roof Felt	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Black Roofing Felt	ND	< 0.01%
	Organic Component: 96.6455%	
	Acid Soluble Component: 2.0852%	
Lab ID-Version‡: 18636419-1	Acid Insoluble Inorganic Component: 1.2693%	

Location:	113A, Exterior Window Caulk	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
White Caulk	ND	< 0.14%
	Organic Component: 29.8904%	
	Acid Soluble Component: 56.3238%	
Lab ID-Version‡: 18636420-1	Acid Insoluble Inorganic Component: 13.7858%	

Location:	114A, Exterior Door Caulk	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Brown Caulk	ND	< 0.08%
	Organic Component: 35.0358%	
	Acid Soluble Component: 56.9892%	
Lab ID-Version‡: 18636421-1	Acid Insoluble Inorganic Component: 7.9749%	

§The Asbestos Concentration is assessed as the percentage of Acid Insoluble Inorganic Component. When Trace Asbestos is detected (assessed percentage <1%) and/or Asbestos is Not Detected (ND), the limit of detection for the sample is reported. Asbestos Concentration is rounded to two decimal places to reflect analytical precision.

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ASBESTOS TEM NOB CHATFIELD REPORT: EPA METHOD 600/R-93-116

Location:	115A, Black Roof Shingle	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Black Roofing Shingle	ND	< 0.11%
	Organic Component: 31.8182%	
	Acid Soluble Component: 56.8182%	
Lab ID-Version‡: 18636422-1	Acid Insoluble Inorganic Component: 11.3636%	

Location:	116A, Black Roof Felt	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Black Roofing Felt	ND	< 0.03%
	Organic Component: 95.6098%	
	Acid Soluble Component: 1.2195%	
Lab ID-Version‡: 18636423-1	Acid Insoluble Inorganic Component: 3.1707%	

Location:	117A, Black Exterior Roof Mastic	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Black Mastic	ND	< 0.08%
	Organic Component: 69.8212%	
	Acid Soluble Component: 22.0566%	
Lab ID-Version‡: 18636424-1	Acid Insoluble Inorganic Component: 8.1222%	

§The Asbestos Concentration is assessed as the percentage of Acid Insoluble Inorganic Component. When Trace Asbestos is detected (assessed percentage <1%) and/or Asbestos is Not Detected (ND), the limit of detection for the sample is reported. Asbestos Concentration is rounded to two decimal places to reflect analytical precision.

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ASBESTOS TEM NOB CHATFIELD REPORT: EPA METHOD 600/R-93-116

Location:	118A, Exterior Window Caulk	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
White Caulk	ND	< 0.11%
		Organic Component: 26.9644%
		Acid Soluble Component: 61.7039%
Lab ID-Version‡: 18636425-1		Acid Insoluble Inorganic Component: 11.3317%

Location:	119A, Exterior Door Caulk	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Gray Caulk	ND	< 0.09%
		Organic Component: 33.6984%
		Acid Soluble Component: 56.8660%
Lab ID-Version‡: 18636426-1		Acid Insoluble Inorganic Component: 9.4356%

Location:	120B, Black Roof Shingle	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Black Roofing Shingle	ND	< 0.19%
		Organic Component: 29.4010%
		Acid Soluble Component: 52.0782%
Lab ID-Version‡: 18636427-1		Acid Insoluble Inorganic Component: 18.5208%

§The Asbestos Concentration is assessed as the percentage of Acid Insoluble Inorganic Component. When Trace Asbestos is detected (assessed percentage <1%) and/or Asbestos is Not Detected (ND), the limit of detection for the sample is reported. Asbestos Concentration is rounded to two decimal places to reflect analytical precision.

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ASBESTOS TEM NOB CHATFIELD REPORT: EPA METHOD 600/R-93-116

Location:	121A, Black Roof Felt	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Black Roofing Felt	ND	< 0.01%
	Organic Component: 95.9302%	
	Acid Soluble Component: 2.7132%	
Lab ID-Version‡: 18636428-1	Acid Insoluble Inorganic Component: 1.3566%	

Location:	122A, Black Exterior Roof Mastic	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Black Mastic	ND	< 0.04%
	Organic Component: 44.0989%	
	Acid Soluble Component: 52.0045%	
Lab ID-Version‡: 18636429-1	Acid Insoluble Inorganic Component: 3.8966%	

Location:	123A, Exterior Window Caulk	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Off-White Caulk	ND	< 0.29%
	Organic Component: 34.1760%	
	Acid Soluble Component: 37.1723%	
Lab ID-Version‡: 18636430-1	Acid Insoluble Inorganic Component: 28.6517%	

§The Asbestos Concentration is assessed as the percentage of Acid Insoluble Inorganic Component. When Trace Asbestos is detected (assessed percentage <1%) and/or Asbestos is Not Detected (ND), the limit of detection for the sample is reported. Asbestos Concentration is rounded to two decimal places to reflect analytical precision.

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Location:	124A, Exterior Door Caulk	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Gray Caulk	ND	< 0.07%
		Organic Component: 33.7505%
		Acid Soluble Component: 59.3857%
Lab ID-Version‡: 18636431-1		Acid Insoluble Inorganic Component: 6.8639%

Location:	129A, Brown 6" Vinyl Floor Plank	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Brown Flooring	ND	< 0.03%
		Organic Component: 35.5836%
		Acid Soluble Component: 60.9464%
Lab ID-Version‡: 18636432-1		Acid Insoluble Inorganic Component: 3.4700%

Location:	129A, Brown 6" Vinyl Floor Plank	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Transparent Mastic	ND	< 0.35%
		Organic Component: 52.2505%
		Acid Soluble Component: 13.1115%
Lab ID-Version‡: 18636473-1		Acid Insoluble Inorganic Component: 34.6380%

§The Asbestos Concentration is assessed as the percentage of Acid Insoluble Inorganic Component. When Trace Asbestos is detected (assessed percentage <1%) and/or Asbestos is Not Detected (ND), the limit of detection for the sample is reported. Asbestos Concentration is rounded to two decimal places to reflect analytical precision.

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ASBESTOS TEM NOB CHATFIELD REPORT: EPA METHOD 600/R-93-116

Location:	129A, Brown 6" Vinyl Floor Plank	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Green Non-Fibrous Material	ND	< 0.06%
	Organic Component: 77.9412%	
	Acid Soluble Component: 15.9926%	
Lab ID-Version‡: 18636476-1	Acid Insoluble Inorganic Component: 6.0662%	

Location:	130A, White Interior Caulk	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
White Caulk	ND	< 0.11%
	Organic Component: 27.9645%	
	Acid Soluble Component: 60.7376%	
Lab ID-Version‡: 18636433-1	Acid Insoluble Inorganic Component: 11.2979%	

Location:	131A, Black Exterior Roof Shingle	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
Black Roofing Shingle with Pebbles	ND	< 0.12%
	Organic Component: 29.8701%	
	Acid Soluble Component: 58.0874%	
Lab ID-Version‡: 18636434-1	Acid Insoluble Inorganic Component: 12.0425%	

§The Asbestos Concentration is assessed as the percentage of Acid Insoluble Inorganic Component. When Trace Asbestos is detected (assessed percentage <1%) and/or Asbestos is Not Detected (ND), the limit of detection for the sample is reported. Asbestos Concentration is rounded to two decimal places to reflect analytical precision.

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Location:	132A, White Exterior Window Caulk	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
White Caulk	ND	< 0.27%
		Organic Component: 32.9030%
		Acid Soluble Component: 39.9244%
Lab ID-Version‡: 18636435-1		Acid Insoluble Inorganic Component: 27.1725%

Location:	133A, White Exterior Door Caulk	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
White Caulk	ND	< 0.08%
		Organic Component: 30.4965%
		Acid Soluble Component: 61.2766%
Lab ID-Version‡: 18636436-1		Acid Insoluble Inorganic Component: 8.2270%

Location:	134A, White Exterior Wall Caulk	
Sample Layer	**Asbestos Type**	**Asbestos Concentration§**
White Caulk	ND	< 0.14%
		Organic Component: 25.9692%
		Acid Soluble Component: 59.7851%
Lab ID-Version‡: 18636437-1		Acid Insoluble Inorganic Component: 14.2457%

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APPENDIX B

PHOTOGRAPHS

Building representation

Building A – HA01/HA02 Drywall/joint compound

Building A - HA03 White ceiling texture

Building A - HA04 White interior caulking

Building A - HA05 4’’ Beige cove base/beige mastic

Building A - HA06 4’’ Brown wood pattern vinyl plank

Building A - HA07 White HVAC duct mastic

Building A – HA08 Gray/beige 12''x12'' vinyl floor tile base layer

Building A – HA84 Black roof shingle

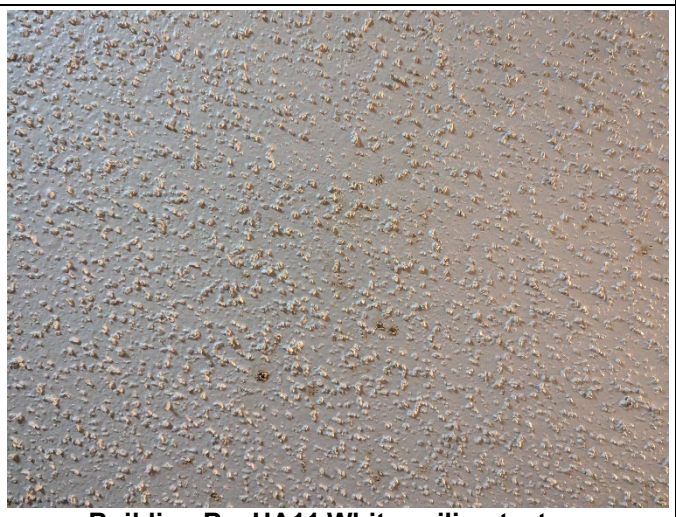
Building A – HA85 Black roof felt

Building A – HA86 Exterior window caulk

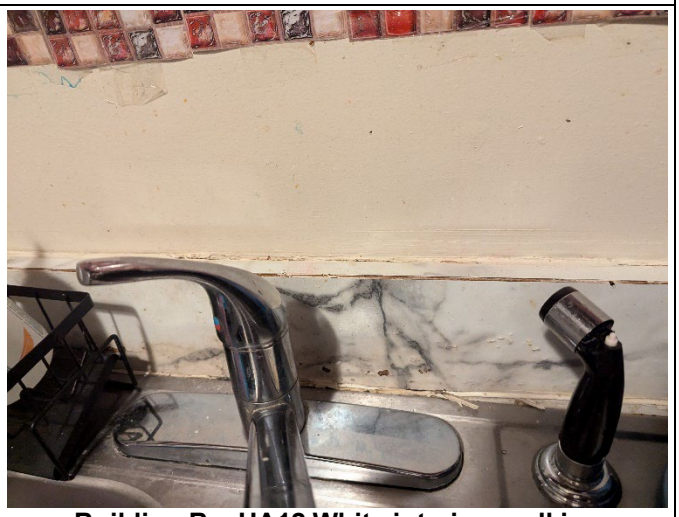
Building A – HA87 Exterior door caulk

Building representation

Building B – HA09/HA10 Drywall/joint compound



Building B – HA11 White ceiling texture



Building B – HA12 White interior caulking

Building B – HA13 4'' Beige cove base/beige mastic

Building B – HA14 4'' Brown wood pattern vinyl plank

Building B – HA15 White HVAC duct mastic

Building B – HA16 Gray/beige 12''x12'' vinyl floor tile base layer

Building B – HA88 Black roof shingle

Building B – HA89 Exterior roof mastic

Building B – HA90 Exterior window caulk

Building B – HA91 Exterior door caulk

Building representation

Building C – HA17/HA18 Drywall/joint compound

Building C – HA19 White ceiling texture

Building C – HA20 White interior caulking

Building C – HA21 4’’ Beige cove base/beige mastic

Building C – HA22 4’’ Brown wood pattern vinyl plank

Building C – HA23 White HVAC duct mastic

Building C – HA24 Gray/beige 12''x12'' vinyl floor tile base layer

Building C – HA25 4'' Light brown wood pattern vinyl plank

Building C – HA92 Black roof shingle

Building C – HA93 Exterior window caulk

Building C – HA94 Exterior door caulk

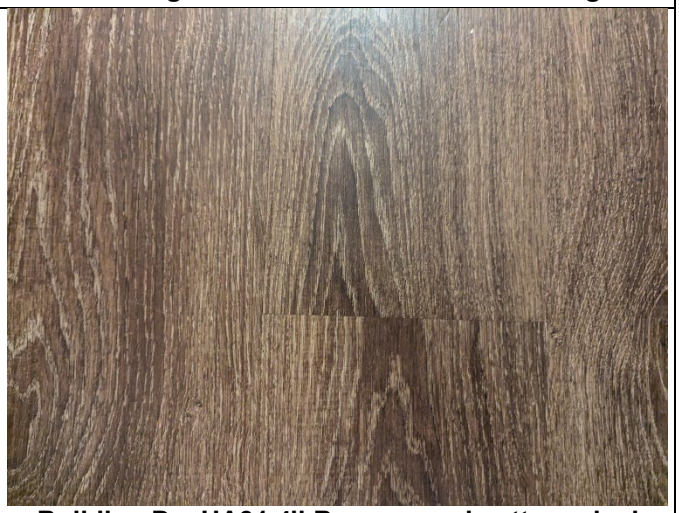
Building representation

Building D – HA26/HA27 Drywall/joint compound

Building D – HA28 White ceiling texture

Building D – HA29 White interior caulking

Building D – HA30 4'' Beige cove base/beige mastic



Building D – HA31 4'' Brown wood pattern vinyl plank

Building D – HA32 White HVAC duct mastic

Building D – HA33 Gray 12''x12'' vinyl floor tile base layer

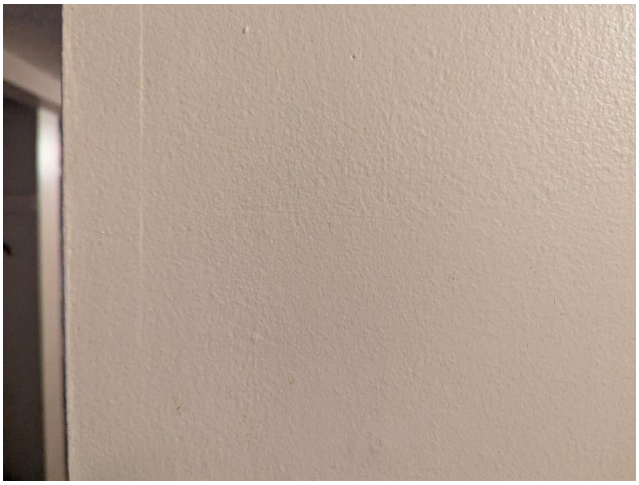
Building D – HA95 Black roof shingle

Building D – HA96 Black roof felt

Building D – HA97 Exterior window caulk

Building D – HA98 Exterior door caulk

Building representation



Building E – HA34/HA35 Drywall/joint compound

Building E – HA36 White ceiling texture

Building E – HA37 White interior caulking

Building E – HA38 4’’ Beige cove base/beige mastic

Building E – HA39 4’’ Brown wood pattern vinyl plank

Building E – HA40 White HVAC duct mastic

Building E – HA41 Beige 12''x12'' vinyl floor tile base layer

Building E – HA42 Gray 4'' vinyl floor plank

Building E – HA99 Black roof shingle

Building E – HA100 Black exterior roof mastic

Building E – HA101 Exterior window caulk

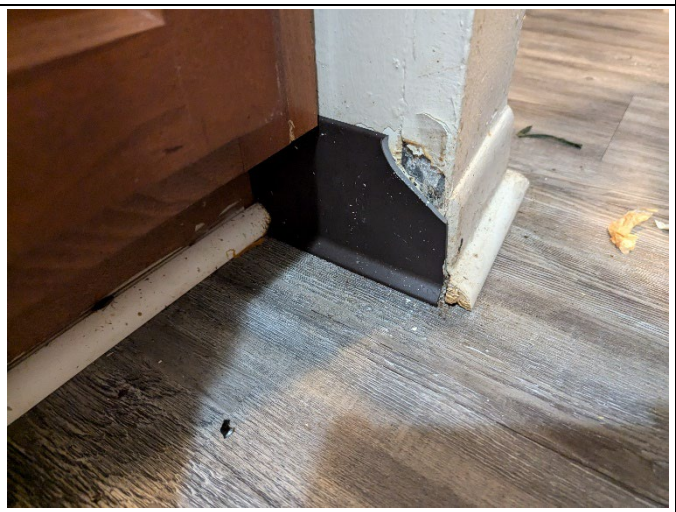
 Building E – HA102 Exterior door caulk	

Building representation

Building F – HA43/HA44 Drywall/joint compound

Building F – HA45 White ceiling texture

Building F – HA46 White interior caulking

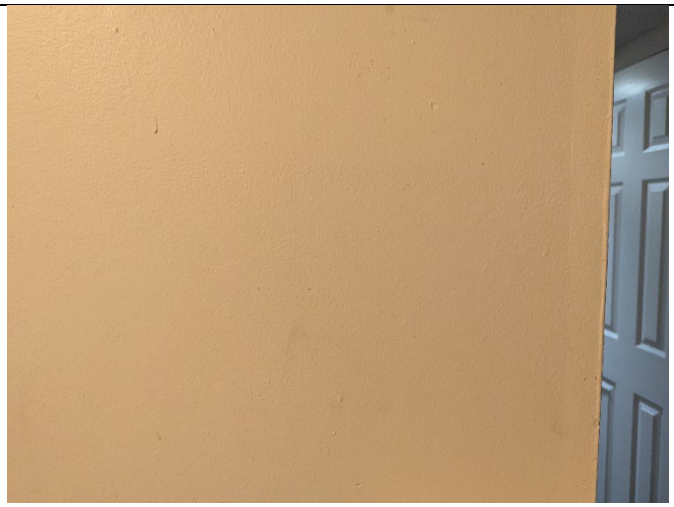


Building F – HA47 4'' Beige cove base/beige mastic

Building F – HA48 4'' Brown wood pattern vinyl plank

Building F – HA49 White HVAC duct mastic

Building F – HA50 Gray 4’’ vinyl floor plank



Building F – HA51 White wall texture

Building F – HA103 Black roof shingle

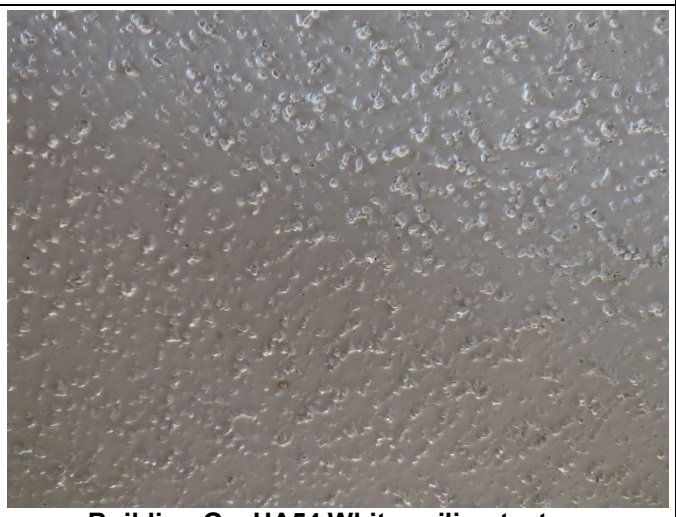
Building F – HA104 Black exterior roof mastic

Building F – HA105 Exterior window caulk

 Building F – HA106 Exterior door caulk	

Building representation

Building G – HA52/HA53 Drywall/joint compound



Building G – HA54 White ceiling texture

Building G – HA55 White interior caulking

Building G – HA56 4'' Beige cove base/beige mastic

Building G – HA57 4'' Brown wood pattern vinyl plank

Building G – HA58 White HVAC duct mastic

Building G – HA59 Beige vinyl flooring, 2 layers

Building G – HA107 Black roof shingle

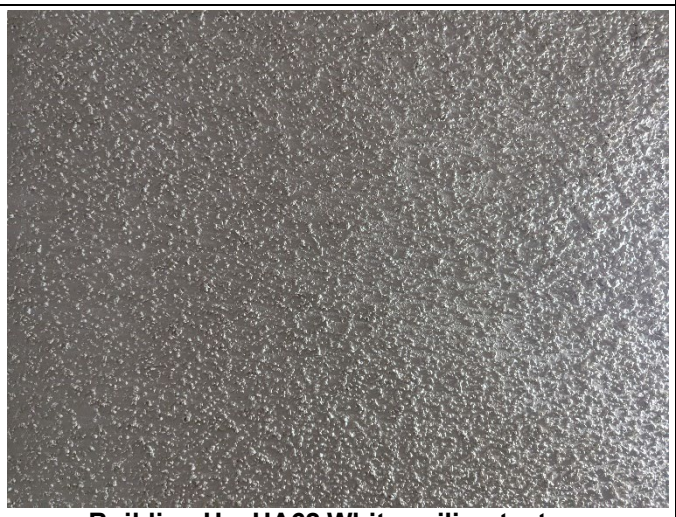
Building G – HA108 Black roof felt

Building G – HA109 Exterior window caulk

Building F – HA110 Exterior door caulk

Building representation

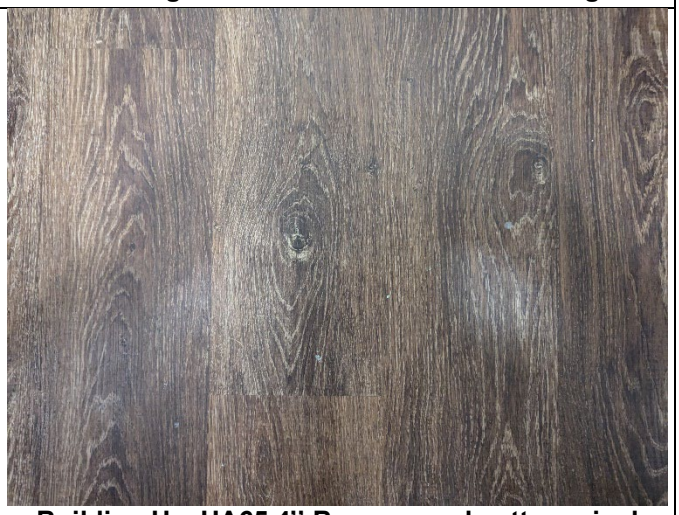
Building H – HA60/HA61 Drywall/joint compound



Building H – HA62 White ceiling texture

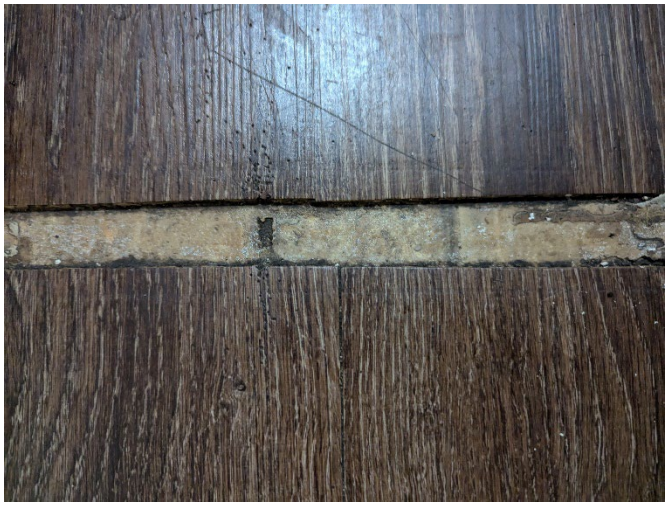
Building H – HA63 White interior caulking

Building H – HA64 4'' Beige cove base/beige mastic



Building H – HA65 4'' Brown wood pattern vinyl plank

Building H – HA66 White HVAC duct mastic



Building H – HA67 Beige vinyl flooring, 2 layers

Building H – HA68 – Off-white vinyl sheet flooring 2nd layer

Building H – HA111 Orange/black roof shingle

Building H – HA112 Black roof felt

Building H – HA113 Exterior window caulk

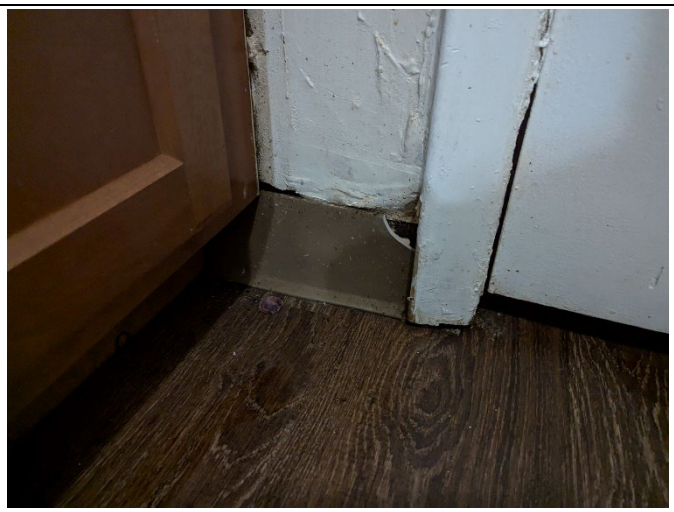
 Building H – HA114 Exterior door caulk	

Building representation

Building I – HA69/HA70 Drywall/joint compound

Building I – HA71 White ceiling texture

Building I – HA72 White interior caulking



Building I – HA73 4’’ Beige cove base/beige mastic

Building I – HA74 4’’ Brown wood pattern vinyl plank

Building I – HA75 White HVAC duct mastic

Building I – HA115 Black roof shingle

Building I – HA116 Black roof felt

Building I – HA117 – Black exterior roof mastic

Building I – HA118 Exterior window caulk

Building I – HA119 Exterior door caulk

Building representation

Building J – HA76/HA77 Drywall/joint compound

Building J – HA78 White ceiling texture

Building J – HA79 White interior caulking

Building J – HA80 4’’ Beige cove base/beige mastic

Building J – HA81 4’’ Brown wood pattern vinyl plank

Building J – HA82 White HVAC duct mastic

Building J – HA83 Beige vinyl sheet flooring, 2nd layer

Building J – HA120 Black roof shingle

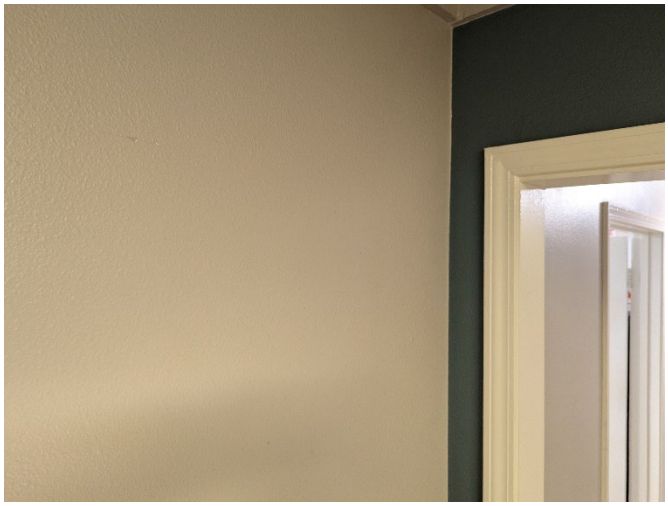
Building J – HA121 Black roof felt

Building J – HA122 Black exterior roof mastic

Building J – HA123 Exterior window caulk

 Building J – HA124 Exterior door caulk	

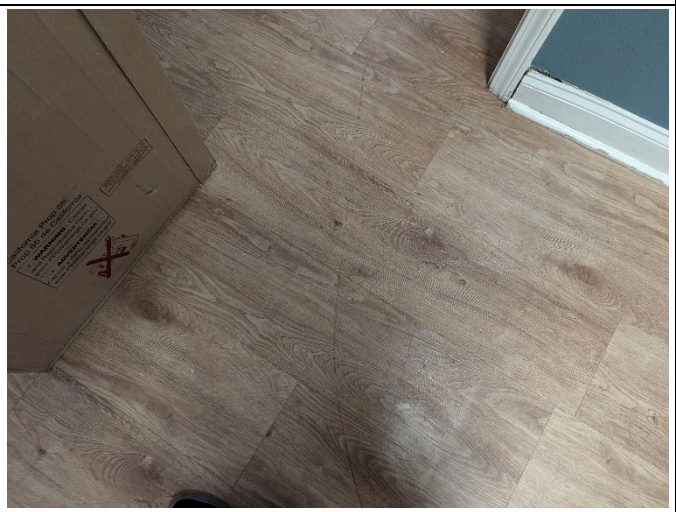
Office



Office – HA125/HA126 Drywall/joint compound

Office – HA127 White ceiling texture

Office – HA128 Wall texture



Office – HA129 Brown 6’’ vinyl floor plank

Office – HA130 White interior caulk

Office – HA131 Black exterior roof shingle

Office – HA132 White exterior window caulk

Office – HA133 White exterior door caulk

Office – HA134 White exterior wall caulk

APPENDIX C

EMPLOYEE & LABORATORY CREDENTIALS

SCDHEC ISSUED

Asbestos ID Card

TIMOTHY QUINT

		Expiration Date:
AIRSAMPLER	AS-00541	08/02/24
CONSULTBI	BI-002268	02/05/25

SCDHEC ISSUED

Asbestos ID Card

Kathryn Hubicki

		Expiration Date:
CONSULTBI	BI-01079	06/03/25
CONSULTMP	MP-000309	06/03/25

United States Department of Commerce
National Institute of Standards and Technology

Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 200757-0

Eurofins EMLab P&K

Tustin, CA

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

Asbestos Fiber Analysis

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2024-01-01 through 2024-12-31

Effective Dates

For the National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

Eurofins EMLab P&K
2841 Dow Avenue, Suite 300
Tustin, CA 92780
Quynh Nguyen
Phone: 800-651-4802
Email: quynh.nguyen@et.eurofinsus.com
www.eurofinsus.com

ASBESTOS FIBER ANALYSIS — NVLAP LAB CODE 200757-0

Bulk Asbestos Analysis

Code	*Description*
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Airborne Asbestos Analysis

Code	*Description*
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

For the National Voluntary Laboratory Accreditation Program

APPENDIX D

SITE PLAN

ed Ex Way
Pine Creek Ct Ext
Pine Creek Ct Ext
Pine Creek Ct Ext
Pine Creek Ct Ext
reek Ct Ext
Pine Creek Dr
364

APPENDIX I

OTHER SUPPORTING DOCUMENTATION

TITLE COMMITMENT INFORMATION

THE PROPERTY SHOWN HEREON IS THE SAME PROPERTY AS DESCRIBED IN STEWART TITLE GUARANTY COMPANY TITLE COMMITMENT NO. 24000140346 BEARING AN EFFECTIVE DATE OF SEPTEMBER 19, 2024.

LEGAL DESCRIPTION

ALL THAT TRACT OR PARCEL OF LAND LYING AND SITUATE IN THE COUNTY OF GREENVILLE, SOUTH CAROLINA AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT A POINT ON THE SOUTHERLY RIGHT-OF-WAY LINE OF INTERSTATE 85 AS IT INTERSECTS WITH THE EASTERLY RIGHT-OF -WAY OF LINE OF PINE CREEK COURT EXTENSION (A 50 FOOT RIGHT-OF-WAY) AND FROM SAID POINT OF INTERSECTION THENCE RUN SOUTH 18 DEGREES 41 MINUTES EAST ALONG THE EASTERLY RIGHT-OF-WAY OF PINE CREEK COURT EXTENSION, A DISTANCE OF 104.53 FEET TO A POINT; THENCE RUN SOUTH 22 DEGREES 01 MINUTE EAST, A DISTANCE OF 66.85 FEET TO A POINT; THENCE RUN SOUTH 41 DEGREES 49 MINUTES EAST, A DISTANCE OF 33.09 FEET TO A POINT; THENCE RUN SOUTH 58 DEGREES 58 MINUTES EAST, A DISTANCE OF 282.6 FEET TO A POINT, AND THE POINT OF BEGINNING OF THE HEREIN DESCRIBED TRACT; THENCE LEAVING SAID 50 FOOT RIGHT-OF-WAY, RUN NORTH 26 DEGREES 44 MINUTES EAST, A DISTANCE OF 3.15 FEET TO A POINT; THENCE RUN SOUTH 84 DEGREES 20 MINUTES EAST, A DISTANCE OF 422.55 FEET TO A POINT; THENCE RUN SOUTH 38 DEGREES 50 MINUTES EAST, A DISTANCE OF 319.05 FEET TO A POINT; THENCE RUN SOUTH 32 DEGREES 55 MINUTES WEST, A DISTANCE OF 221.46 FEET TO A POINT; THENCE RUN SOUTH 32 DEGREES 59 MINUTES WEST, A DISTANCE OF 159.92 FEET TO A POINT; THENCE RUN SOUTH 33 DEGREES 00 MINUTES WEST, A DISTANCE OF 536.86 FEET TO A POINT; THENCE RUN SOUTH 32 DEGREES 59 MINUTES WEST, A DISTANCE OF 588.37 FEET TO A POINT; THENCE RUN NORTH 57 DEGREES 03 MINUTES WEST, A DISTANCE OF 345.8 FEET TO A POINT ON THE EASTERLY RIGHT-OF-WAY LINE OF PINE CREEK COURT EXTENSION; THENCE ALONG SAID RIGHT-OF-WAY LINE THE FOLLOWING COURSES AND DISTANCE; NORTH 32 DEGREES 25 MINUTES EAST, A DISTANCE OF 1,290.18 FEET TO A POINT; THENCE ALONG A CURVE TO THE LEFT HAVING A CHORD BEARING OF NORTH 17 DEGREES 20 MINUTES EAST AND A CHORD DISTANCE OF 85.96 FEET TO A POINT; THENCE CONTINUING WITH A CURVE TO THE LEFT HAVING A CHORD BEARING OF NORTH 31 DEGREES 19 MINUTES WEST AND A CHORD DISTANCE OF 82.2 FEET TO A POINT; THENCE NORTH 54 DEGREES 07 MINUTES WEST A DISTANCE OF 60.0 FEET TO A POINT; THENCE RUN NORTH 55 DEGREES 45 MINUTES WEST, A DISTANCE OF 51.6 FEET TO A POINT; THENCE RUN NORTH 59 DEGREES 05 MINUTES WEST, A DISTANCE OF 110.59 FEET TO A POINT AND THE POINT OF BEGINNING, SAID PROPERTY CONTAINING 13.375 ACRES OR 582,647.106 SQUARE FEET, MORE OR LESS, SAID PROPERTY IS FURTHER AS SHOWN ON INITIAL CLOSING SURVEY FOR HIGHLAND SQUARE II APTS, ASSOCIATES, DATED APRIL 5, 1978, UPDATED NOVEMBER 29, 1978, PREPARED BY PIEDMONT ENGINEERS, ARCHITECTS & PLANNERS, GREENVILLE, SOUTH CAROLINA.

ALSO INCLUDING THE RIGHT, PRIVILEGE AND EASEMENT TO DRAIN WATER FROM THE ABOVE DESCRIBED PROPERTY UPON AND ACROSS THE LANDS OF THREATT ENTERPRISES, INC. SITUATE AND LYING TO THE NORTHWEST OF THE ABOVE DESCRIBED PROPERTY IMMEDIATELY ACROSS PINE CREEK COURT EXTENSION AS SHOWN ON THE ABOVE REFERRED TO PLAT.

ALSO INCLUDING A 25 FOOT SANITARY SEWER EASEMENT, 12.5 FEET EITHER SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

ALL THAT TRACT OR PARCEL OF LAND LYING AND SITUATE IN THE COUNTY OF GREENVILLE, SOUTH CAROLINA AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS;

COMMENCING AT A POINT ON THE SOUTHERLY RIGHT-OF-WAY LINE OF INTERSTATE 85 AS IT INTERSECTS WITH THE EASTERLY RIGHT-OF -WAY OF LINE OF PINE CREEK COURT EXTENSION (A 50 FOOT RIGHT-OF-WAY) AND FROM SAID POINT OF INTERSECTION THENCE RUN SOUTH 18 DEGREES 41 MINUTES EAST ALONG THE EASTERLY RIGHT-OF-WAY OF PINE CREEK COURT EXTENSION, A DISTANCE OF 104.53 FEET TO A POINT; THENCE RUN SOUTH 22 DEGREES 01 MINUTE EAST, A DISTANCE OF 66.85 FEET TO A POINT; THENCE RUN SOUTH 41 DEGREES 49 MINUTES EAST, A DISTANCE OF 33.09 FEET TO A POINT; THENCE RUN SOUTH 58 DEGREES 58 MINUTES EAST, A DISTANCE OF 282.6 FEET TO A POINT; THENCE LEAVING SAID 50 FOOT RIGHT-OF-WAY, RUN NORTH 26 DEGREES 44 MINUTES EAST, A DISTANCE OF 3.15 FEET TO A POINT; THENCE RUN SOUTH 84 DEGREES 20 MINUTES EAST, A DISTANCE OF 422.55 FEET TO A POINT; THENCE RUN SOUTH 38 DEGREES 50 MINUTES EAST, A DISTANCE OF 5.0 FEET TO A POINT AND THE POINT OF BEGINNING OF THE HEREIN DESCRIBED CENTERLINE; THENCE RUN NORTH 50 DEGREES 05 MINUTES EAST, A DISTANCE OF 155.35 FEET TO AN EXISTING MANHOLE AND THE TERMINATION POINT OF THE HEREIN DESCRIBED CENTERLINE, SAID SANITARY SEWER EASEMENT IS AS FURTHER SHOWN ON THE ABOVE REFERRED TO PLAT.

THIS BEING THE SAME PROPERTY CONVEYED TO HS INVESTORS, LLC BY SPECIAL WARRANTY DEED OF HIGHLAND SQUARE II APTS, ASSOCIATES, A SOUTH CAROLINA LIMITED PARTNERSHIP, DATED JANUARY 24, 2006 AND RECORDED ON JANUARY 30, 2006, IN BOOK 2186, PAGE 1879, IN THE OFFICE OF THE REGISTER OF DEEDS FOR GREENVILLE COUNTY, SOUTH CAROLINA

THE PROPERTY SURVEYED AND SHOWN HEREON IS THE SAME PROPERTY AS DESCRIBED IN STEWART TITLE GUARANTY COMPANY TITLE COMMITMENT NO. 24000140346 BEARING AN EFFECTIVE DATE OF SEPTEMBER 19, 2024

NOTES CORRESPONDING TO SCHEDULE B

10. EASEMENTS AND RIGHTS OF WAY DISCLOSED BY PLAT RECORDED IN PLAT BOOK 6-Y, PAGE 20, GREENVILLE COUNTY RECORDS. BENEFITS AS PLOTTED
11. RIGHT OF WAY GRANTED TO DUKE POWER COMPANY RECORDED IN BOOK 418, PAGE 536, GREENVILLE COUNTY RECORDS. BURDENS AS PLOTTED
12. EASEMENT AND RIGHT OF WAY GRANTED TO THREATT ENTERPRISES, INC. RECORDED IN BOOK 1094, PAGE 55, GREENVILLE COUNTY RECORDS. BENEFITS AS PLOTTED
13. EASEMENT GRANTED TO DUKE POWER COMPANY RECORDED IN BOOK 1094, PAGE 507, GREENVILLE COUNTY RECORDS. BURDENS – BLANKET IN NATURE
14. EASEMENT GRANTED TO DUKE POWER COMPANY RECORDED IN BOOK 1107, PAGE 416, GREENVILLE COUNTY RECORDS. BURDENS – BLANKET IN NATURE
15. EASEMENT GRANTED TO THE COMMISSIONERS OF PUBLIC WORKS OF THE CITY OF GREENVILLE, S.C., RECORDED IN BOOK 1111, PAGE 591, GREENVILLE COUNTY RECORDS. BURDENS – BLANKET IN NATURE
16. TERMS AND CONDITIONS OF LICENSE GRANTED TO TELECABLE OF GREENVILLE RECORDED IN BOOK 1134, PAGE 761, GREENVILLE COUNTY RECORDS. BURDENS – BLANKET IN NATURE
17. TERMS AND CONDITIONS OF NONEXCLUSIVE INSTALLATION AND SERVICE AGREEMENT BETWEEN CHARTER COMMUNICATIONS, LLC AND HS INVESTORS, LLC, RECORDED IN BOOK 2399, PAGE 4362, GREENVILLE COUNTY RECORDS. BURDENS – BLANKET IN NATURE
18. SURVEY PREPARED BY DANA R. AUGUSTINE, RLS NO. 30293, OF SITE DESIGN, INC., DATED OCTOBER 19, 2016, LAST REVISED DECEMBER 14, 2016, AND DESIGNATED JOB NO. S160756.DWG, DISCLOSES THE FOLLOWING:
    A. SETBACK LINES;
    B. 15.8' ENCROACHMENT OF ADJOINERS 5' CHAIN LINK FENCE ONTO SUBJECT PROPERTY ALONG THE SOUTHEASTERN PROPERTY LINE;
    C. 3.7' BUILDING PATIO PROJECTION INTO ZONING SETBACK LINE ALONG THE SOUTHWESTERN PROPERTY LINE.
    KNOWN EASEMENTS CURRENT CONDITIONS ARE REFLECTED HEREON
19. MEMORANDUM OF PURCHASE OPTION AGREEMENT RECORDED IN BOOK 2660, PAGE 5476, GREENVILLE COUNTY RECORDS. NOT SURVEY RELATED

ZONING DATA

ZONING ITEM	REQUIRED	PARKING REQUIREMENTS
ZONING DESIGNATION		ZONING INFORMATION REQUESTED
MINIMUM LOT AREA (ACRES)		
MAX BUILDING AREA		
MAX BUILDING HEIGHT		
BUILDING SETBACKS		
FRONT		
SIDE		
REAR		
		CONTACT:
NOTES:		REPORT DATE:
		REPORT #:

STATEMENT OF ENCROACHMENTS

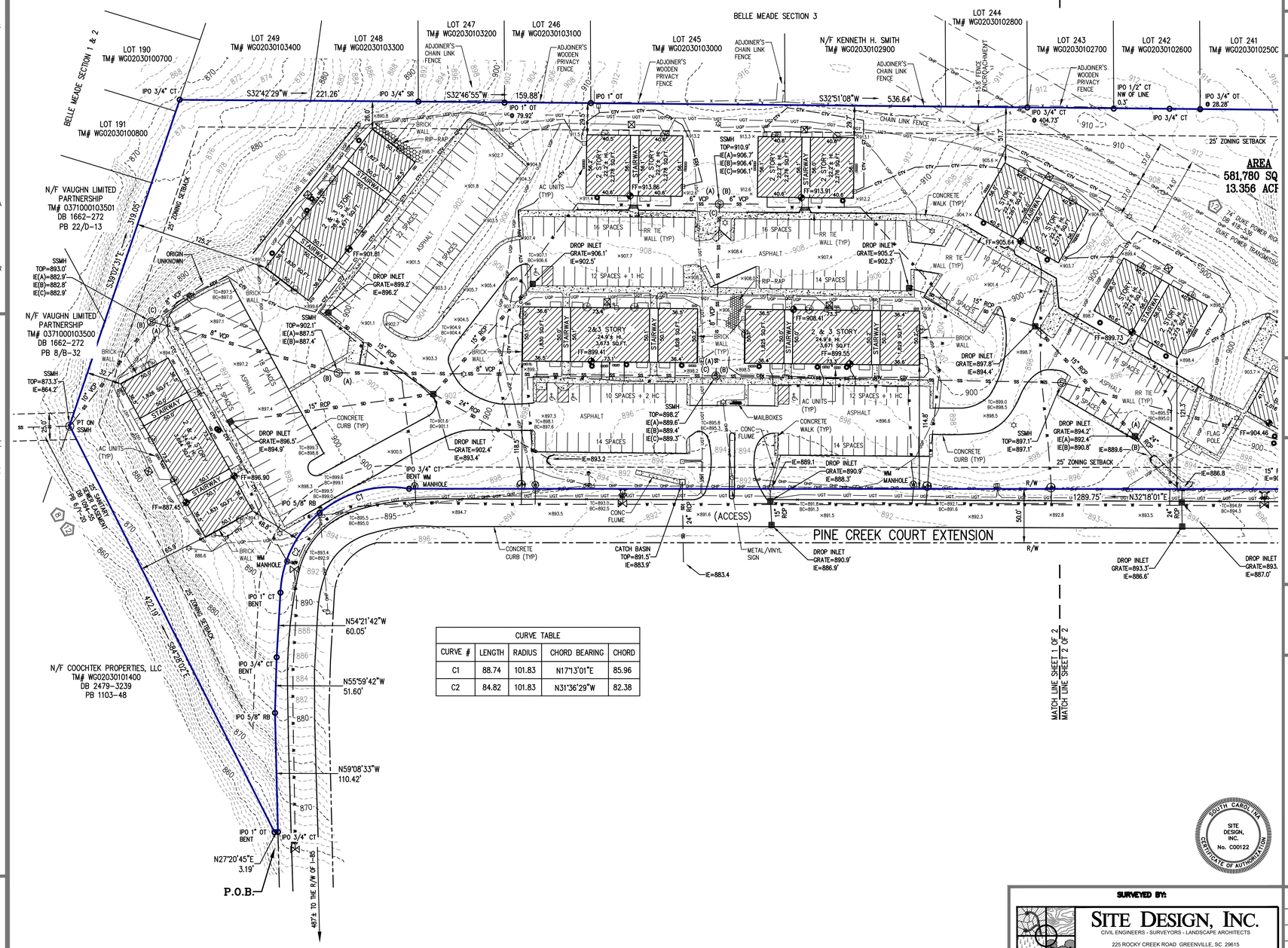
ADJOINERS 5' CHAIN LINK FENCE ENCROACHES ONTO SUBJECT PROPERTY 15.8' AT IT'S GREATEST POINT.

BUILDING COVERED PATIO PROJECTION INTO THE CURRENT ZONING SETBACK LINE 3.7' AT IT'S GREATEST POINT.

PARKING LOT PROJECTS INTO TRANSMISSION LINE EASEMENT

LEGEND

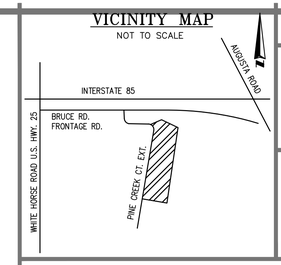
BL BUILDING LINE	SSE SS EASEMENT	ELECTRIC METER
CL CENTERLINE	VCP VITRIFIED CLAY PIPE	
CLF CHAIN LINK FENCE	CB CATCH BASIN	TEL TELEPHONE
CMP CORRUGATED METAL PIPE	DI DROP INLET	WATER METER
CT CRIMP TOP	ELEC TRANS	WATER VALVE
DE DRAINAGE EASEMENT	90.89 ELEVATION	CTV CABLE TV ANCHOR/ POLE
EP EDGE OF PAVEMENT	FIRE HYDRANT	CHAIN LINK FENCE
IPO IRON PIN OLD	GAS METER	FOC FIBER OPTIC CABLE
IPS IRON PIN SET	GV GAS VALVE	GAS GAS LINE
N&C NAIL & CAP	HC HANDICAP	OHP OVERHEAD POWER
OT OPEN TOP	IP IRON PIN	OHT OVERHEAD TELEPHONE
RB REBAR	LP LIGHT POLE	SD STORM DRAIN
RCP REINFORCED CONC PIPE	MHBS MANHOLE (BELLSOUTH)	SS SANITARY SEWER
R/W RIGHT OF WAY	MHSD MANHOLE (SD)	UGP UNDERGROUND POWER
SD STORM DRAIN	MHSS MANHOLE (SS)	UGT UNDERGROUND TEL
SS SANITARY SEWER	PP POWER POLE	W WATER LINE
WPF WOOD PRIVACY FENCE	CLEAN OUT	
(R) RECORD CALL	CABLE PEDESTAL	
	POST INDICATOR VALVE	



CURVE TABLE				
CURVE #	LENGTH	RADIUS	CHORD BEARING	CHORD
C1	88.74	101.83	N17°13'01"E	85.96
C2	84.82	101.83	N31°36'29"W	82.38

VICINITY MAP

NOT TO SCALE



1" = 50' GRAPHIC SCALE 0 25 50 100

SHEET 1 OF 1

LAND AREA

581,780 SQUARE FEET
13.356 ACRES

PARKING

REGULAR= 306
HANDICAP= 2
TOTAL= 308

FLOOD INFORMATION

FLOOD NOTE: BASED ON MAPS PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) AVAILABLE ONLINE AT WWW.MSC.FEMA.GOV, AND BY GRAPHIC PLOTTING ONLY, THIS PROPERTY IS LOCATED IN ZONE "X" ON FLOOD INSURANCE RATE MAP NUMBER 45045C0392E, WHICH BEARS AN EFFECTIVE DATE OF 08/18/2014 AND IS NOT IN A SPECIAL FLOOD HAZARD AREA. BY REVIEWING FLOOD MAPS PROVIDED BY THE NATIONAL FLOOD INSURANCE PROGRAM WE HAVE LEARNED THIS COMMUNITY DOES PARTICIPATE IN THE PROGRAM.

BEARING BASIS

SOUTH CAROLINA STATE PLANE COORDINATES WERE USED AS THE BASIS OF BEARINGS FOR THIS SURVEY.

GENERAL NOTES

1. UNDERGROUND UTILITIES ARE SHOWN ON THIS SURVEY, AS MARKED BY PRIVATE UTILITY LOCATION SERVICE.
2. ALL STATEMENTS WITHIN THE CERTIFICATION, AND OTHER REFERENCES LOCATED ELSEWHERE HEREON, RELATED TO: UTILITIES, IMPROVEMENTS, STRUCTURES, BUILDINGS, PARTY WALLS, PARKING, EASEMENTS, SERVITUDES, AND ENCROACHMENTS ARE BASED SOLELY ON ABOVE GROUND, VISIBLE EVIDENCE, UNLESS ANOTHER SOURCE OF INFORMATION IS SPECIFICALLY REFERENCED HEREON.
3. THIS SURVEY MEETS OR EXCEEDS THE SURVEY STANDARDS/STANDARDS OF CARE AS SET FORTH IN SECTION 3 OF THE 2016 ALTA/NSPS SURVEY REQUIREMENTS.
4. THE SUBJECT PROPERTY HAS DIRECT PHYSICAL ACCESS TO PINE CREEK COURT EXTENSION, A DEDICATED PUBLIC STREET OR HIGHWAY.
5. THERE IS NO VISIBLE EVIDENCE OF CEMETERIES ON SUBJECT PROPERTY.
6. THERE IS NO OBSERVABLE EVIDENCE OF EARTH MOVING WORK, BUILDING CONSTRUCTION OR BUILDING ADDITIONS WITHIN RECENT MONTHS.
7. THE PARCEL CONTAINED IN THE LEGAL DESCRIPTION ARE CONTIGUOUS WITHOUT ANY GAPS, GORES OR OVERLAPS.
8. BUILDING AREAS SHOWN HEREON ARE FOR THE FOOTPRINT OF THE BUILDING ONLY.
9. NO APPARENT CHANGES IN STREET RIGHT OF WAY LINES EITHER COMPLETED OR PROPOSED, AND AVAILABLE FROM THE CONTROLLING JURISDICTION. NO OBSERVABLE EVIDENCE OF RECENT STREET OR SIDEWALK CONSTRUCTION OR REPAIRS.
10. NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A SOUTH CAROLINA LICENSED SURVEYOR AND MAPPER. ADDITIONS AND DELETIONS TO SURVEY MAPS, SKETCHES, OR REPORTS BY OTHER THAN THE SIGNING PARTY OR PARTIES IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY OR PARTIES.
11. NO ATTEMPT WAS MADE TO DETERMINE WETLANDS OR OTHER ENVIRONMENTAL ISSUES, UNLESS OTHERWISE NOTED.
12. POSTED ADDRESS: 20 PINE CREEK COURT EXTENSION
13. REFERENCE PLAT: PB M-95
14. REFERENCE DEED: DB 2186-1879
15. TAX MAP NO: WG02030101200

ALTA/NSPS LAND TITLE SURVEY

AEI JOB #497755-9
HIGHLAND SQUARE
200 PINE CREEK COURT EXTENSION
GREENVILLE, GREENVILLE COUNTY, SOUTH CAROLINA

SITE PICTURE

COORDINATED BY:

AEI CONSULTANTS
2500 CAMINO DIABLO
WALNUT CREEK, CA, 94597
TELEPHONE: 925.746.6000
EMAIL: SURVEYS@AEICONSULTANTS.COM

SURVEYOR'S CERTIFICATE

TO: TCMI, LLC; U.S. BANK NATIONAL ASSOCIATION, ITS SUCCESSORS AND/OR ASSIGNS AS THEIR RESPECTIVE INTERESTS MAY APPEAR; E&A INVESTMENTS, LLC; FIDELITY NATIONAL TITLE INSURANCE COMPANY & AEI CONSULTANTS:

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2021 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 1, 2, 3, 4, 5, 7(a), 7(b)(1), 7(c), 8, 9, 13, 14, 16, AND 17 OF TABLE A THEREOF.
THE FIELDWORK WAS COMPLETED ON SEPTEMBER 12, 2024
DATE OF PLAT OR MAP:

SOUTH CAROLINA PROFESSIONAL 30293 SURVEYOR DANA R. AUGUSTINE

REGISTERED SURVEYOR: DANA R. AUGUSTINE
PROFESSIONAL LAND SURVEYOR NO.: 30293
STATE OF SOUTH CAROLINA

DATED

SOUTH CAROLINA SITE DESIGN, INC. No. C00122 CERTIFICATE OF AUTHORIZATION

SURVEYED BY:

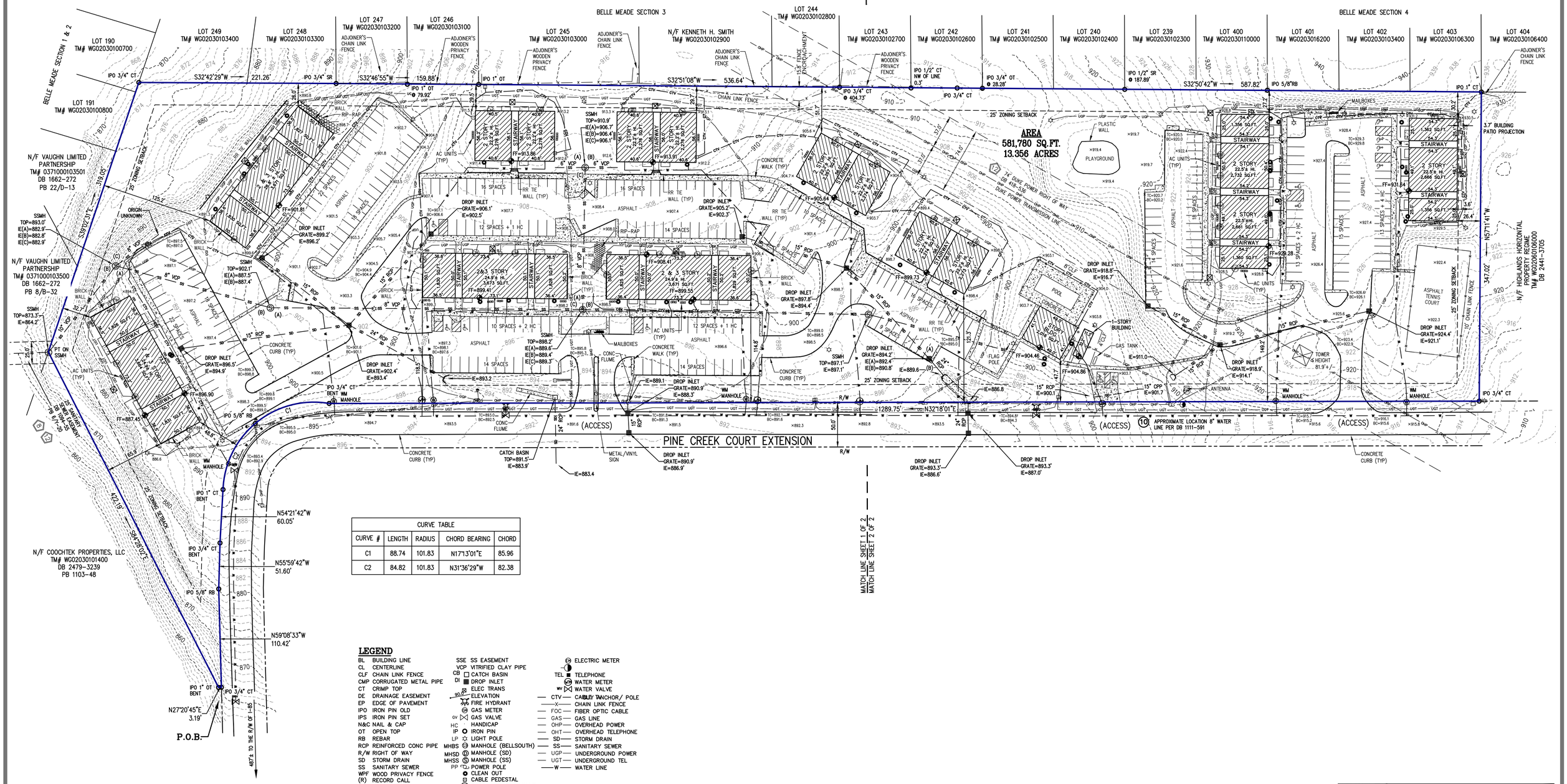
SITE DESIGN, INC.
CIVIL ENGINEERS - SURVEYORS - LANDSCAPE ARCHITECTS
225 ROCKY CREEK ROAD GREENVILLE, SC 29615
PH: (864)271-0496
www.sitedesign-inc.com

DATE	REVISION HISTORY	BY

SURVEYOR JOB NUMBER: S240915
SCALE: 1" = 50'
DRAWN BY: HS
APPROVED BY: DRA

COORDINATED BY:
AEI CONSULTANTS
2500 CAMINO DIABLO
WALNUT CREEK, CA, 94597
TELEPHONE: 925.746.6000
EMAIL: SURVEYS@AEICONSULTANTS.COM

1" = 50'
GRAPHIC SCALE
0 25 50 100



CURVE TABLE				
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C1	88.74	101.83	N17°13'01"E	85.96
C2	84.82	101.83	N31°36'29"W	82.38

LEGEND

BL	BUILDING LINE
CL	CENTERLINE
CLF	CHAIN LINK FENCE
CMP	CORRUGATED METAL PIPE
CT	CRIMP TOP
DE	DRAINAGE EASEMENT
EP	EDGE OF PAVEMENT
IPO	IRON PIN OLD
IPS	IRON PIN SET
N&C	NAIL & CAP
OT	OPEN TOP
RB	REBAR
RCP	REINFORCED CONC PIPE
R/W	RIGHT OF WAY
SD	STORM DRAIN
SS	SANITARY SEWER
WPF	WOOD PRIVACY FENCE
(R)	RECORD CALL
SSE	SS EASEMENT
VCP	VITRIFIED CLAY PIPE
CB	CATCH BASIN
DI	DROP INLET
	ELEC TRANS
90.0	ELEVATION
	FIRE HYDRANT
GM	GAS METER
GV	GAS VALVE
HC	HANDICAP
IP	IRON PIN
LP	LIGHT POLE
MHBS	MANHOLE (BELLSOUTH)
MHSD	MANHOLE (SD)
MHSS	MANHOLE (SS)
PP	POWER POLE
	CLEAN OUT
	CABLE PEDESTAL
WV	POST INDICATOR VALVE
EM	ELECTRIC METER
TEL	TELEPHONE
WM	WATER METER
WV	WATER VALVE
CTV	CABLE TV
	ANCHOR/ POLE
X	CHAIN LINK FENCE
FOC	FIBER OPTIC CABLE
GAS	GAS LINE
OHP	OVERHEAD POWER
OHT	OVERHEAD TELEPHONE
SD	STORM DRAIN
SS	SANITARY SEWER
UGP	UNDERGROUND POWER
UGT	UNDERGROUND TEL
W	WATER LINE

SITE DESIGN, INC.
CIVIL ENGINEERS - SURVEYORS - LANDSCAPE ARCHITECTS
225 ROCKY CREEK ROAD GREENVILLE, SC 29615
PH: (864)271-0496
www.sitedesign-inc.com

Highland Square Apartments

Construction Scope

Item	QTY	Meas.	Unit Cost	Total Cost
Kitchen				
Replace countertops with 2cm solid surface stone	152	unit	$ 1,700.00	$ 258,400.00
Re-install stainless steel sink	152	unit	$ 175.00	$ 26,600.00
Re-install garbage disposals	152	unit	$ 100.00	$ 15,200.00
Re-install faucet (including new water lines & p-traps)	152	unit	$ 250.00	$ 38,000.00
Bathrooms				
Install new steel tub & three-piece fiberglass surround	200	unit	$ 3,500.00	$ 700,000.00
Demo tub & existing surround			$ 250.00	
Surround install prep			$ 250.00	
Steel tub			$ 750.00	
Three-piece fiberglass surround			$ 1,500.00	
Install tub drain & trim (drain and overflow cap)			$ 250.00	
Install shower/tub valve & trim (including diverter valve, valve trim, tub spout and shower head)			$ 500.00	
Install shower rod	152	unit	$ 100.00	$ 15,200.00
Front Door				
Replace front door	152	unit	$ 1,200.00	$ 182,400.00
Replace front door hardware	152	unit	$ 250.00	$ 38,000.00
General Interior				
Allocated general demo (task level demo built into each line item)	152	unit	$ 200.00	$ 30,400.00
Replace all outlets, switches, low voltage and covers	4560	each	$ 30.00	$ 136,800.00
Install new door stops	912	each	$ 5.00	$ 4,560.00
Install new vinyl floors, glue down LVP	78806	sqft	$ 7.00	$ 551,642.00
Install new baseboards	157612	sqft	$ 2.00	$ 315,224.00
Paint entire unit (walls, ceilings, doors, trim and baseboards)	157612	sqft	$ 5.00	$ 788,060.00
Replace thermostat	152	unit	$ 125.00	$ 19,000.00
Drywall, TBT allowance (sheetrock repair)	152	unit	$ 500.00	$ 76,000.00
Clean entire unit	152	unit	$ 300.00	$ 45,600.00
Converted ADA units	8	unit	$ 20,000.00	$ 160,000.00
Converted HVI units	3	unit	$ 5,000.00	$ 15,000.00
Replace lighting	152	unit	$ 600.00	$ 91,200.00
MEP's				
Replace HVAC condensor & air handlers	152	unit	$ 6,500.00	$ 988,000.00
Replace unit water heaters	152	unit	$ 2,000.00	$ 304,000.00
Replace exterior hallway lights as needed	68	Allow	$ 600.00	$ 40,800.00
Replace general exterior lighting	1	Allow	$ 25,000.00	$ 25,000.00
Common Area Amenities				
Install pedestal mailboxes with lockers	10	unit	$ 3,500.00	$ 35,000.00
Community room & kitchen refresh	1	Allow	$ 40,000.00	$ 40,000.00
Community business center	1	Allow	$ 5,000.00	$ 5,000.00
Leasing office refresh	1	Allow	$ 15,000.00	$ 15,000.00
Community pool refresh	1	Allow	$ 25,000.00	$ 25,000.00
Laundry room refresh	1	Allow	$ 5,000.00	$ 5,000.00
Upgrade existing playground	1	Allow	$ 40,000.00	$ 40,000.00
Building envelope				
Add more security camera coverage to existing system	1	Allow	$ 30,000.00	$ 30,000.00
Roof replacement	85000	sqft	$ 5.00	$ 425,000.00
Gutter replacement	3000	Allow	$ 20.00	$ 60,000.00
Masonry, siding and façade repair	1	Allow	$ 50,000.00	$ 50,000.00
Replace staircase(s) tread and risers	34	each	$ 7,500.00	$ 255,000.00
Site Improvements				
Mill & 2' overlay asphalt in parking lot and drive, restripe	1	Allow	$ 200,000.00	$ 200,000.00
Misc. concrete repairs	1	Allow	$ 50,000.00	$ 50,000.00
Install ADA compliant ramps & railings	1	Allow	$ 35,000.00	$ 35,000.00
Landscaping & tree trimming	1	Allow	$ 35,000.00	$ 35,000.00
Build dumpster enclosures	5	each	$ 2,500.00	$ 12,500.00
Demo or rebuild patio decks and railings	30	each	$ 10,000.00	$ 300,000.00
Replace exterior signage including monument	1	Allow	$ 30,000.00	$ 30,000.00
Demolish tennis court on top of hill and rebuild outdoor community area	1	Allow	$ 50,000.00	$ 50,000.00
Replace swing set at far end of property	1	Allow	$ 12,000.00	$ 12,000.00
Rebuild benches around property	1	Allow	$ 6,200.00	$ 6,200.00
Repair/rebuild railroad tie retention walls	1	Allow	$ 25,000.00	$ 25,000.00
Sub Total:	152	$ 43,459.12		$ 6,605,786.00

October 2, 2024

Michael Capozzi
Senior Project Manager
AEI Consultants
4255 Wade Green Road, Suite 510
Kennesaw, Georgia 30144

Subject: Limited Water Intrusion and Mold Assessment
Highland Square
200 Pine Creek Court
Greenville, SC 29605
OSE Project Number: 24-1288

Mr. Capozzi:

One Source Environmental, LLC (OSE) was retained by AEI Consultants (Client) to conduct a Limited Water Intrusion and Mold Assessment of the Highland Square located at 200 Pine Creek Court in Greenville, South Carolina. The assessment aimed to investigate and report on potential water damage and microbial (mold) growth observed during the assessment.

On September 9, 10 and 13, 2024, Ms. Kathryn Hubicki of OSE conducted the requested services. The assessment and screening were limited to interior spaces only, and in those units selected by the property, plus the common areas. For a list of the areas accessed, see Appendix A. The assessment was completed using a combination of investigative techniques, including visual observations and instrument readings for moisture in building materials. No sampling was performed as part of this assessment.

Assessment Methodology

OSE utilized a visual/olfactory assessment of the interiors of the units and common areas accessed, coupled with moisture monitoring of building materials. A walkthrough of the unit was conducted, with particular attention paid to the interior of the undersink cabinet in the kitchen and the interior of the vanities in the bathrooms, as well as the bathroom, HVAC closet and laundry (if present).

Moisture readings were taken from various accessible finished materials throughout the investigated areas using a General Tools MMH800 Pin Pinless Moisture Meter. The moisture meter operates by measuring the electrical conductivity between two pins that are inserted into the sample substrate. Materials containing moisture exhibit increased conductivity compared to a dry sample of the same material. Moisture readings were

taken using a General Tools MMH800 Pin Pinless Moisture Meter. The General Tools MMH800 is capable of detecting moisture levels in wood between 5% to 50% and moisture levels in building materials between 1.5% to 33%. Moisture readings were typically collected from walls and ceilings exhibiting evidence of water damage or thermal abnormalities, or from areas where water intrusion is likely such as near windows.

Moisture intrusion was verified utilizing a General Tools MMH800 moisture meter. For wood and paper, normal moisture level readings range from 0% to 5%. Surfaces with moisture concentration from 5% - 15% are considered moist and are suspect for mold growth. Surfaces above 16% are considered wet. For building materials such as brick or concrete, normal moisture level readings range from 0% to 1.5%. Surfaces with moisture concentration from 1.5% - 17% are considered moist and are suspect for mold growth. Surfaces above 20% are considered wet.

Summary of Findings

Results of the assessment conducted by OSE identified a pattern of the presence of mold, water intrusion, elevated moisture levels and water-damaged building materials, in the following areas:

- Bathroom Ceilings – Water Damage (specifically delaminating ceiling texture)
- Bathroom Walls/Ceilings – Suspect Fungal Growth
- Hallway Baseboards – Water Damage and Suspect Fungal Growth
- Utility Closet Walls and Ceilings – Water Stains
- Utility Closet HVAC Stands – Water Damage and Suspect Fungal Growth
- Kitchen Undersink Cabinet Floors/Walls – Water Stains, Water Damage, and Suspect Fungal Growth

For more detail, refer to Appendix B: Findings Table and Appendix C: Photo Log.

Recommendations

Based upon the above observations, OSE recommends the following to occur:

- Place dehumidifiers/industrial fans in units with current moisture problems. (It was observed that tenants had concerns about covering the cost of electricity for fans/dehumidifiers; possibly consider compensating tenants to ensure they allow the fans/dehumidifiers to run long enough to be useful.)
- Once the water intrusion sources are corrected, contract a certified mold remediation contractor to remove all water/microbial impacted substrates identified in the table. Removal of impacted materials should be done within containments to reduce the spread of spores. High-efficiency particulate air (HEPA) air scrubbing machines should also be utilized to reduce airborne levels of spores in areas where remediation occurs. All microbial-impacted materials should be removed. Wet building materials should be dried.

- Following completion of correction of the source of moisture intrusion, and the completion of remediation, OSE recommends pre-occupancy inspection with IR camera and moisture meter, as well as confirmation air testing in areas identified with elevated mold levels, to confirm all work has been properly completed. Additionally, clients may opt to perform additional confirmation air sampling throughout the subject building.

- Conduct a review of the plumbing systems within the property, especially those lines between the floors at the bathrooms and beneath the kitchen sinks.
- Install splash guards on bathtubs to assist in preventing water spillage onto walls and floors.
- Install ventilation fans in the bathrooms which vent to the exterior if current fans do not. By only circulating air within the bathrooms, they do not allow for proper reduction of humidity levels and are unable to prevent fungal growth. Additionally, ensure that fans installed can provide at least 1 cubic foot per minute (CFM) per square foot of the bathroom area. During regular inspections, ensure that fan is kept clean of dust and debris.
- Ensure that all utility closets are kept clean of dirt and debris. HVAC filters should be changed regularly to ensure proper functioning of HVAC systems. Filters were observed to be in place with December 2023 dates.
- Hot water heaters should be inspected regularly for signs of wear, corrosion, or leaks around the tanks, pipes and connections (especially as the hot water heaters continue to age). Drain pans should be placed under each hot water heater to catch any minor leaks and prevent water damage to surrounding areas.

Limitations

This assessment was limited to those units where access was provided by the property. It was not designed to discover all areas which may be affected by microbial growth on the property and was limited to areas that were readily visible and accessible at the time of the assessment. Areas concealed by furniture, fixtures, storage or building components were not inspected – no attempts were made to look in hidden spaces where mold might be present (i.e. pipe chases, HVAC ducts, behind enclosed walls or ceilings or under floors). Mold growth can vary with changing environmental conditions, and the presence of mold may not have been evident at the time of this assessment. The recommendations and conclusions presented because of this assessment apply strictly to the environmental regulations and property conditions existing at the time the assessment was performed.

APPENDIX A: AREAS ACCESSED

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23*	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	42
46	50	54	55	60	68	73	75	76	80
81	90	91	92	96	97	99	101	105	107
108	110	114	115	120	121	122	126	134	139
142	145	146	147	148	Office	-	-	-	-

*No access – resident refused

APPENDIX B: FINDINGS TABLE

Location	Condition / Damage / Observations	Material	Moisture Reading (%)
2 Utility CL Ceiling	SFG/WD	Wood	25.4
2 Utility CL Wall	WS	Drywall	11.7
5 Kitchen Undersink Cabinet Floor	WD	Wood	12.5
6 Kitchen Upper Wall over cabinets	WS	Drywall	6.7
6 Utility CL Back Wall	SFG/Odor/Water pan has water	Drywall	Inaccessible to test
9 Utility CL Back Wall	SFG – lower wall/ WD upper wall	Drywall	5.6 – lower 7.2 – upper
9 Bathroom Wall Undersink	WD	Drywall	10.6
10 Utility CL D Wall left of Hot Water Heater	SFG	Drywall	8.6
10 Utility CL HVAC support legs	WD	Wood	10.2
12 Hallway Baseboard between Utility CL wall and Bathroom wall	WS	Wood	16.2
12 Hallway Side D Wall	WS	Drywall	11.2
13 Utility CL HVAC Stand	WD	Wood	10.5
13 Utility CL Side Wall	WD	Drywall	15.2
14 Kitchen Cabinet Wall and Floor	WS/Floor disintegrated and has new plywood over	Wood	19.6
14 Utility CL HVAC Stand	WD	Wood	5.1
14 Utility CL Side D Wall	WS	Drywall	6.2
15 Utility CL HVAC Stand	WD	Wood/ Drywall	10.2
16 Kitchen Undersink Cabinet Floor	WS	Wood	7.5
16 Utility CL HVAC Stand	WD/Water pan has water	Drywall	9.1
17 Bathroom Wall next to Shower	WD	Drywall	16.9
18 Kitchen Undersink Cabinet Floor	WS/WD/SFG	Wood	14.5

Location	Condition / Damage / Observations	Material	Moisture Reading (%)
19 Kitchen Undersink Cabinet Floor	WD	Wood	10.9
20 Kitchen Undersink Cabinet Floor	SFG/WD	Wood	15.8
20 Utility CL Ceiling	WD/WS	Drywall	6.0
20 Hall Baseboard	WS/WD	Wood	10.9
20 Bathroom Wall	WS	Drywall	12.1
21 Kitchen Undersink Cabinet Floor	WD	Wood	13.2
21 Utility CL HVAC Stand	WD	Wood	8.9
22 Kitchen Undersink Cabinet Floor	WD	Wood	13.2
22 Kitchen Undersink Cabinet Wall	SFG	Wood	5.4
24 Kitchen Undersink Cabinet Floor	WD	Wood	5.8
24 Utility CL Wall by Hot Water Heater	SFG	Drywall	6.2
25 Bathroom Ceiling over Shower	WD – ceiling texture delaminating	Ceiling Texture on Drywall	10.1
25 Hall Door Frame	WD	Wood	9.8
26 Utility CL HVAC Stand	WD	Drywall	9.5
27 Kitchen Undersink Cabinet Floor	WD	Wood	14.7
27 Hall Baseboard	WD	Wood	10.9
27 Bathroom Ceiling over Shower	SFG/WD – ceiling texture delaminating	Ceiling Texture on Drywall	50.0
28 Kitchen Ceiling	WD	Ceiling Texture on Drywall	9.7
28 Utility CL behind cove	SFG	Drywall	9.2
28 Hall Baseboard	WD	Wood	13.0
30 Kitchen Undersink Cabinet Floor	WD	Wood	17.1
31 Kitchen Undersink Cabinet Floor and Wall	WD	Wood	14.5
32 Kitchen Undersink Cabinet Floor	WD	Wood	6.5

Location	Condition / Damage / Observations	Material	Moisture Reading (%)
32 Utility CL HVAC Stand	WD/Water by Hot Water Heater on floor	Wood	6.1
33 Bedroom Wall under Window	WD	Drywall	9.3
33 Hall Baseboard	WD	Wood	10.4
34 Utility CL HVAC Stand	WD	Drywall	10.2
34 Bathroom Wall over Shower	WD	Drywall	19.3
35 Kitchen Undersink Cabinet Floor	WS	Wood	6.5
35 Hall Baseboard	WD	Wood	3.5
35 Hall Door Casing	WD	Wood	5.5
36 Kitchen Undersink Cabinet Floor	WS	Wood	8.1
38 Utility CL HVAC Stand	WS/SFG	Drywall	10.2
39 Kitchen Undersink Cabinet Wall	SFG/WD/WS	Wood	10.7
42 Utility CL Wall	WS/SFG	Drywall	7.6
46 Kitchen Undersink Cabinet Floor	WD – Standing water from faucet leak	Wood	N/A
46 Bathroom Ceiling over Tub	WD	Ceiling Texture on Drywall	9.3
50 HVAC Stand	WD	Drywall	16.5
50 Utility CL Floor	WS – on vinyl flooring	N/A	N/A
54 Utility CL Baseboard	WS	Wood	10.2
55 Kitchen/Living Room	WD – soft floor	N/A	N/A
55 Kitchen Undersink Cabinet Floor	WD	Wood	10.3
55 Hall Bathroom Ceiling	WD – bubble over tub	Ceiling Texture on Drywall	9.3
68 Bathroom Ceiling over Shower	SFG	Ceiling Texture on Drywall	10.6
73 Kitchen Undersink Cabinet Floor	WS	Wood	7.0
73 Living Room Vent	Resident concerned with spots on vent	N/A	N/A
73 Bathroom Ceiling over Shower	SFG	Ceiling Texture on Drywall	11.1

Location	Condition / Damage / Observations	Material	Moisture Reading (%)
75 Kitchen Undersink Cabinet Wall	SFG	Wood	8.2
75 Kitchen Undersink Cabinet Floor	WS	Wood	10.4
75 Hall Bath Door Frame	WD	Wood	14.2
76 Kitchen Undersink Cabinet Floor	WD/SFG	Wood	6.2
76 Utility CL Left Wall	WD/SFG	Drywall	7.5
81 Utility CL Right Wall	WD/SFG	Drywall	8.5
81 Hall Bath Duct	WD		0
81 Shower Wall	SFG	Drywall	5.6
81 Shower Ceiling	SFG	Drywall	13.6
91 Kitchen Undersink Cabinet Floor	WD	Wood	16.6
91 Kitchen Undersink Cabinet Wall	WD/SFG	Wood	17.3
91 Bath Wall	WD – bubble	Drywall	15.2
91 Hall Bath Ceiling	SFG – painted over	Drywall	N/A
96 Kitchen Undersink Cabinet Floor	WD	Wood	10.9
97 Utility CL Ceiling	SFG	Drywall	25.5
97 Utility CL Floor	WD – water under HVAC lines	Vinyl	N/A
97 Hall Bath Ceiling over Shower	SFG	Drywall	23.2
97 Hall Bath Wall by Shower	SFG	Drywall	12.3
97 Master Bath Wall	SFG/ Rust on vents and corner protectors	Drywall	13.2
99 Kitchen Undersink Cabinet Wall	SFG – painted over	Wood	8.5
99 Utility CL Wall under HVAC	WD	Drywall	15.5
99 Utility HVAC CL Left Wall	SFG	Drywall	7.5
99 Wall under HVAC Baseboard	WD	Wood	14.3
101 Kitchen Undersink Cabinet Wall	WD	Wood	8.4

Location	Condition / Damage / Observations	Material	Moisture Reading (%)
105 Kitchen Undersink Cabinet Floor	WD/SFG	Wood	12.6
105 Kitchen Undersink Cabinet Wall	WD/SFG	Wood	13.2
107 Hall Bath Wall over Shower	WD	Drywall	14.2
107 Master Bath Wall over Showerhead	SFG	Drywall	14.6
108 Master Bath Wall	SFG	Drywall	7.7
108 Utility CL Wall by HVAC	WD	Drywall	5.3
108 Kitchen Undersink Cabinet Floor	WD	Wood	11.1
108 Kitchen Undersink Cabinet Wall	WS	Wood	9.0
110 Living Room Ceiling	WD/SFG	Drywall	5.6
110 Kitchen Ceiling	WD – bubble	Ceiling Texture on Drywall	0.0
110 Kitchen Undersink Cabinet Floor	WD/SFG	Wood	9.0
110 Kitchen Light Fixture, Hall Bath Ceiling, Master Bath Ceiling and Bedroom Wall over Window	Resident reports that it rains inside at these locations	N/A	N/A
110 Master Bath Ceiling	WD	Drywall	8.4
114 Master Bedroom Closets and Under Bed	Resident has personal belongings with SFG in Master Bedroom; she reported site placed dehumidifier that never worked; source of moisture could not be found	N/A	N/A
114 Master Bedroom CL Wall that backs to Utility CL	WD	Drywall	9.0
114 Utility CL Left Wall	SFG	Drywall	7.3
114 Bath Shower Ceiling	WD – ceiling texture delaminating	Ceiling Texture on Drywall	14.3

Location	Condition / Damage / Observations	Material	Moisture Reading (%)
114 Shower Door Frame to Hall Bath	WD	Wood	12.6
115 Kitchen Undersink Cabinet Floor	WD	Wood	33.3
115 Bath Ceiling over Shower	WD – ceiling texture delaminating	Ceiling Texture on Drywall	14.3
120 Kitchen Ceiling	WD – ceiling texture bubble when it rains	Ceiling Texture on Drywall	8.6
120 Utility CL Left Wall	SFG	Drywall	7.4
120 Master Bedroom Ceiling	WD – ceiling texture bubble	Ceiling Texture on Drywall	7.2
122 Kitchen Undersink Cabinet Floor	WD	Wood	9.7
126 Kitchen Ceiling	WD – leak upstairs	Drywall	5.0
126 Utility CL Left Wall	WD	Drywall	14.2
126 Utility CL Right Wall	WD/SFG	Drywall	7.5
134 Bath Ceiling over Shower	WD/SFG	Drywall	50
134 Master Bath Wall by Toilet	WD	Drywall	13.4
134 Hall Ceiling by HVAC	WD – ceiling texture bubble	Ceiling Texture on Drywall	12.7
134 Kitchen Undersink Cabinet Floor	SFG	Wood	14.8
134 Kitchen Undersink Cabinet Wall	SFG	Wood	16.0
134 Pantry Door Trim	WD	Wood	16.1
139 Master Bath Vent	Rusted	N/A	N/A
139 Kitchen Undersink Cabinet Floor	WD	Wood	9.7
142 Shower Room Ceiling	WD – ceiling texture delaminating	Ceiling Texture on Drywall	12.8
142 Master Bath Ceiling	WD – ceiling texture delaminating	Ceiling Texture on Drywall	10.3
145 Hall Bath Wall	WD	Drywall	10.6
145 Hall Bath Ceiling	WD – ceiling texture delaminating	Ceiling Texture on Drywall	9.7
145 Shower Room Ceiling over Bath	WD/SFG	Drywall	12.5

Location	Condition / Damage / Observations	Material	Moisture Reading (%)
145 Master Bath Sink Backsplash Caulk	SFG	N/A	N/A
145 HVAC beneath Support Panel	WD/Water – condenser line has condensation	Wood	15.8
145 Kitchen Undersink Cabinet Floor	WD	Wood	18.7
146 Bathroom Ceiling over Shower	SFG	Drywall	13.6
146 Bathroom Wall	WD	Drywall	12.6
146 Hall Sub Floor	WD – floor is soft	N/A	N/A
147 Kitchen Undersink Cabinet Floor	WD	Wood	14.1
147 Kitchen Undersink Cabinet Wall	WS	Wood	12.0
147 Living Room Wall	WD – bubble	Drywall	16.5
147 HVAC CL Right Wall	WD/SFG	Drywall	13.8
147 HVAC Closet Left Wall	SFG	Drywall	11.2
148 Kitchen Undersink Cabinet Floor	WD	Wood	10.6
148 Bathroom Ceiling over Shower	SFG	Drywall	14.1
148 Bathroom Wall by Shower	WD	Drywall	10.9
Office Exterior Right Side by Drain	WD	Wood	50.0

WD = Water Damage WS = Water Stain SFG = Suspect Fungal Growth

APPENDIX C: PHOTO LOG

PHOTOGRAPHS

Project No.: 24-1288 **Project Name: Highland Square**

Photo #1:	Unit 2 Utility CL Ceiling and Wall – SFG, WS and WD

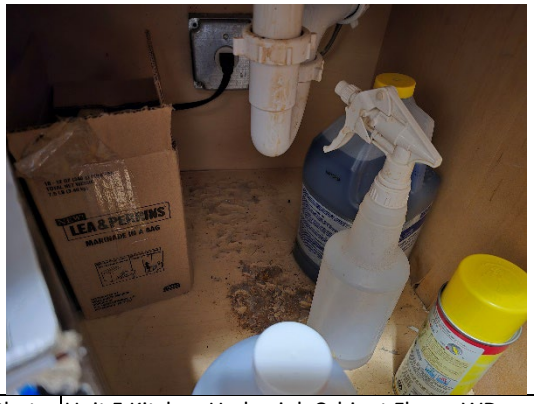

Photo #2:	Unit 5 Kitchen Undersink Cabinet Floor - WD

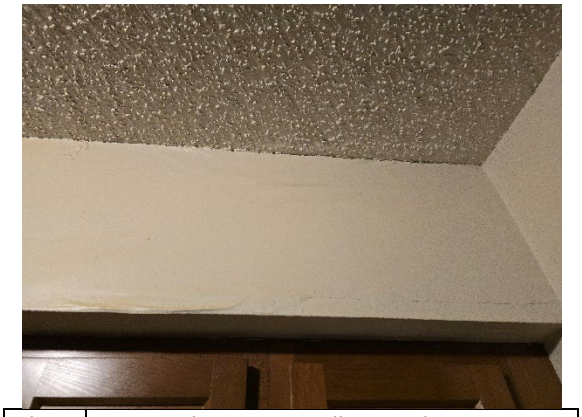

Photo #3:	Unit 6 Kitchen Upper Wall over Cabinets - WD

Photo #4:	Unit 9 Utility CL back wall (lower) - SFG

Photo #5:	Unit 9 Utility CL Upper Wall - WD

Photo #6:	Unit 9 Bathroom Wall under Sink - WD

PHOTOGRAPHS

Project No.: 24-1288 **Project Name: Highland Square**

Photo #7:	Unit 10 Utility CL left of Hot Water Heater - SFG

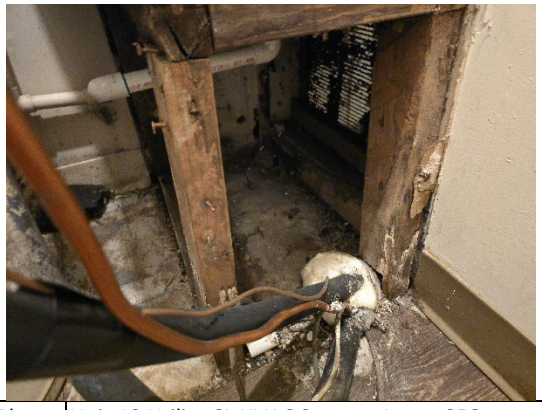

Photo #8:	Unit 10 Utility CL HVAC Support Legs - SFG

Photo #9:	Unit 12 Hall Baseboard - WS

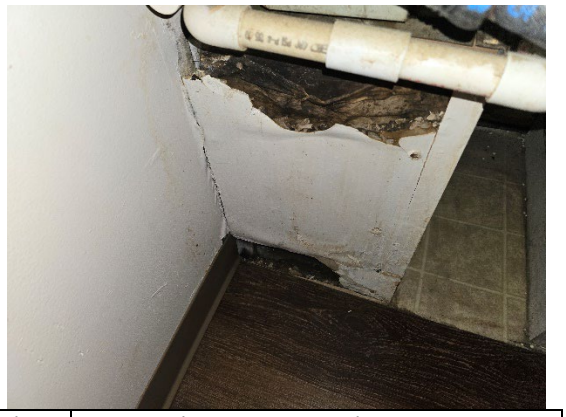

Photo #10:	Unit 13 Utility CL HVAC Stand - WD

Photo #11:	Unit 14 Kitchen Undersink Cabinet Floor – original disintegrated and has new plywood over top

Photo #12:	Unit 14 Utility CL HVAC Stand - WD

PHOTOGRAPHS

Project No.: 24-1288 **Project Name: Highland Square**

Photo #13:	Unit 15 HVAC Stand - WD

Photo #14:	Unit 16 Kitchen Undersink Cabinet Floor - WS

Photo #15:	Unit 16 HVAC Stand - WD

Photo #16:	Unit 20 Kitchen Undersink Cabinet Floor – WD/SFG

Photo #17:	Unit 20 Utility CL Ceiling – WD/WS

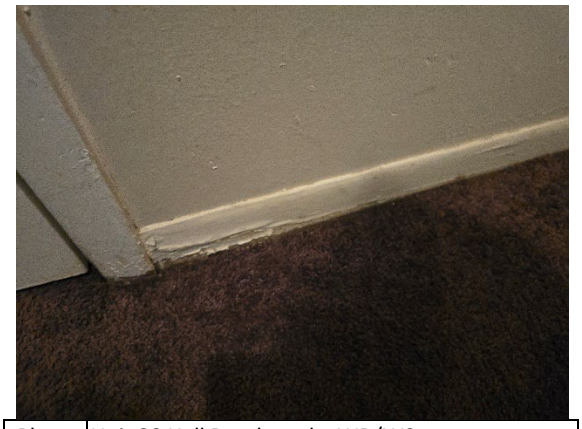

Photo #18:	Unit 20 Hall Baseboard – WD/WS

PHOTOGRAPHS

Project No.: 24-1288 **Project Name: Highland Square**

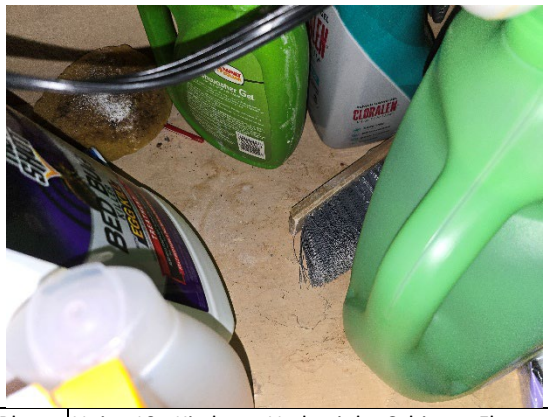

Photo #19:	Unit 19 Kitchen Undersink Cabinet Floor – WD/SFG

Photo #20:	Unit 18 Kitchen Undersink Cabinet Floor – WD/WS/SFG

Photo #21:	Unit 24 Kitchen Undersink Cabinet Floor - WD

Photo #22:	Unit 22 Kitchen Undersink Cabinet Floor - WD

Photo #23:	Unit 22 Kitchen Undersink Cabinet Wall - SFG

Photo #24:	Unit 21 HVAC Stand - WD

PHOTOGRAPHS

Project No.: 24-1288 **Project Name: Highland Square**

Photo #25:	Unit 28 Kitchen Ceiling Texture Delaminating - WD

Photo #26:	Unit 28 Utility CL behind Cove Base - SFG

Photo #27:	Unit 28 Hall Baseboard - WD

Photo #28:	Unit 25 Bathroom Ceiling Texture Delaminating over Shower- WD

Photo #29:	Unit 25 Hall Door Frame - WD

Photo #30:	Unit 26 Utility CL HVAC Stand - WD

PHOTOGRAPHS

Project No.: 24-1288 **Project Name: Highland Square**

Photo #31:	Unit 27 Kitchen Undersink Cabinet Floor - WD

Photo #32:	Unit 27 Hall Baseboard - WD

Photo #33:	Unit 30 Kitchen Undersink Cabinet Floor - WD

Photo #34	Unit 30 Kitchen Counter Caulk cracked

Photo #35:	Unit 31 Kitchen Undersink Cabinet Floor and Wall – WD/WS

Photo #36:	Unit 32 Kitchen Undersink Cabinet Floor - WD

PHOTOGRAPHS

Project No.: 24-1288 **Project Name: Highland Square**

Photo #37:	Unit 32 Utility CL Water on Floor by Hot Water Heater, HVAC Stand - WD

Photo #38:	Unit 36 Kitchen Undersink Cabinet - WS

Photo #39:	Unit 35 Kitchen Undersink Cabinet Floor - WS

Photo #40:	Unit 35 Hall Baseboard - WD

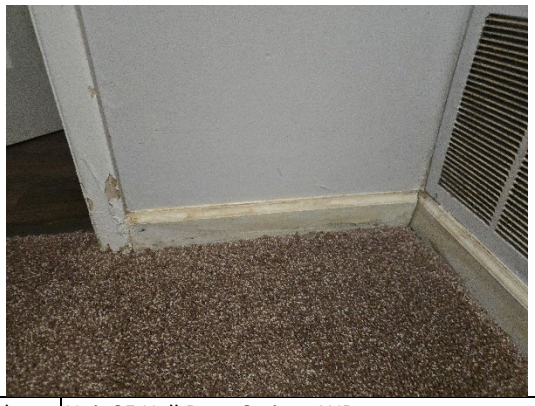

Photo #41:	Unit 35 Hall Door Casing - WD

Photo #42:	Unit 35 Bathroom Ceiling over Toilet – SFG/WS/WD

PHOTOGRAPHS

Project No.: 24-1288 **Project Name: Highland Square**

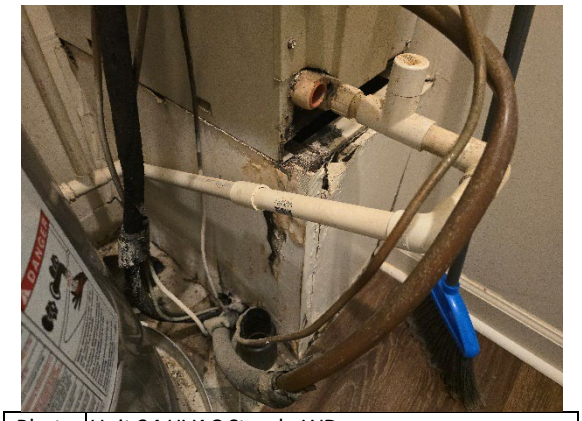

Photo #43:	Unit 34 HVAC Stand - WD

Photo #44:	Unit 34 Utility CL Wall by Hot Water Heater – SFG

Photo #45:	Unit 33 Bedroom Wall under Window - WD

Photo #46:	Unit 33 Hall Baseboard - WD

Photo #47:	Unit 38 Utility CL HVAC Stand – WS/SFG

Photo #48:	Unit 39 Kitchen Undersink Cabinet Wall – SFG/WD/WS

PHOTOGRAPHS

Project No.: 24-1288 **Project Name: Highland Square**

Photo #49:	Unit 42 Utility CL Wall – WS/SFG

Photo #50:	Unit 46 Kitchen Undersink Cabinet Floor – standing water, faucet leak – WD/SFG

Photo #51:	Unit 46 Bath Ceiling Texture Bubble - WD

Photo #52:	Unit 50 HVAC Stand - WD

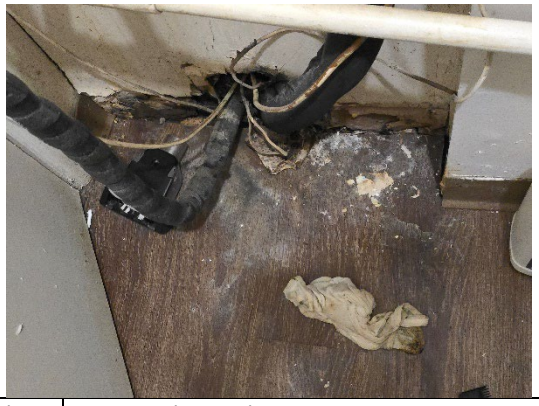

Photo #53:	Unit 50 Utility CL Floor – WS

Photo #54:	Unit 54 Utility CL Baseboard – WS

PHOTOGRAPHS

Project No.: 24-1288 **Project Name: Highland Square**

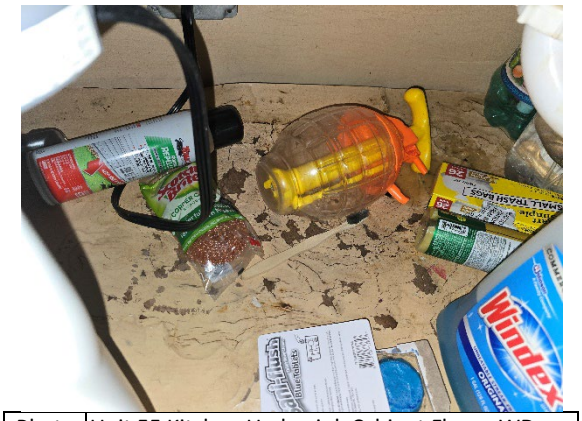

Photo #55:	Unit 55 Kitchen Undersink Cabinet Floor - WD

Photo #56:	Unit 55 Hall Bathroom Ceiling Texture - WD

Photo #57:	Unit 68 Bathroom Ceiling above Shower – SFG

Photo #58:	Unit 68 Utility CL Wall - WD

Photo #59:	Unit 76 Kitchen Undersink Cabinet Floor – WD/SFG

Photo #60:	Unit 76 Utility CL Left Wall – WD/SFG

PHOTOGRAPHS

Project No.: 24-1288 **Project Name: Highland Square**

Photo #61:	Unit 76 Bathroom Ceiling Texture bubble - WD

Photo #62:	Unit 73 Kitchen Undersink Cabinet Floor - WD

Photo #63:	Unit 73 Bathroom Ceiling – SFG

Photo #64:	Unit 75 Kitchen Undersink Cabinet Wall and Floor – WD/SFG

Photo #65:	Unit 75 Hall Bathroom Door Frame - WD

Photo #66:	Unit 80 Hot Water Heater rusted

PHOTOGRAPHS

Project No.: 24-1288 **Project Name: Highland Square**

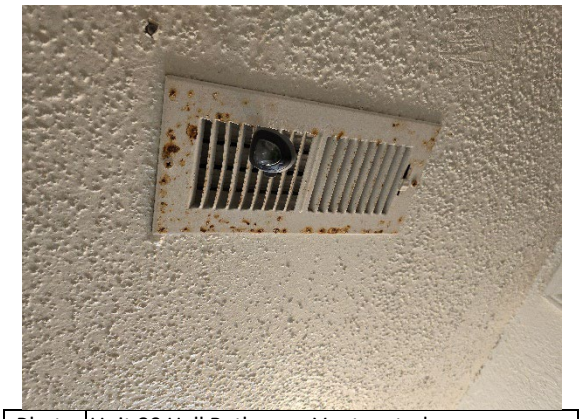

Photo #67:	Unit 80 Hall Bathroom Vent rusted

Photo #68:	Unit 81 Utility CL Right Wall – WD/SFG

Photo #57:	Unit 81 Hall Bathroom Duct – WD

Photo #58:	Unit 81 Bathroom Wall and Ceiling – SFG

Photo #59:	Unit 91 Kitchen Undersink Cabinet Floor and Wall – WD/SFG

Photo #60:	Unit 91 Bathroom Wall bubble

PHOTOGRAPHS

Project No.: 24-1288 **Project Name: Highland Square**

Photo #61:	Unit 91 Hall Bathroom Ceiling – SFG painted over

Photo #62:	Unit 96 Kitchen Undersink Cabinet Floor – WD

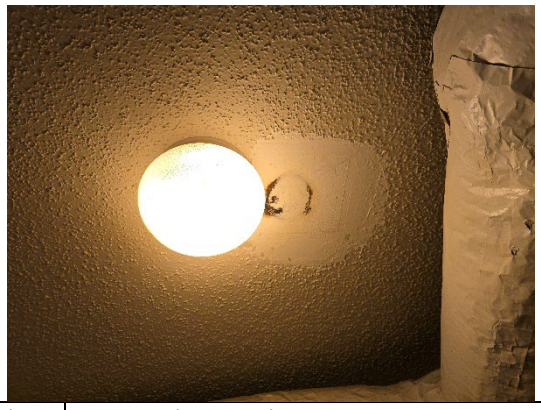

Photo #63:	Unit 97 Utility CL Ceiling – SFG

Photo #64:	Unit 97 Utility CL Water under HVAC Lines on Floor

Photo #65:	Unit 97 Hall Bathroom Ceiling over Shower – SFG

Photo #66:	Unit 97 Hall Bathroom Wall – SFG

PHOTOGRAPHS

Project No.: 24-1288 **Project Name: Highland Square**

Photo #67:	Unit 97 Master Bath Rust on Vents and Corner Protecters

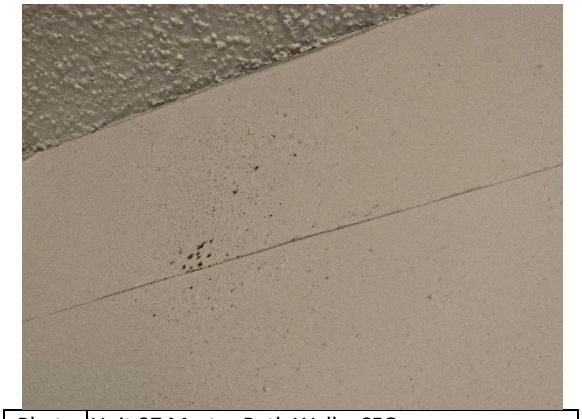

Photo #68:	Unit 97 Master Bath Wall – SFG

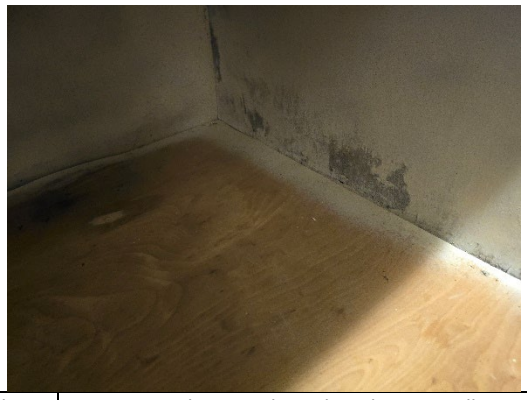

Photo #69:	Unit 99 Kitchen Undersink Cabinet Wall – SFG painted over

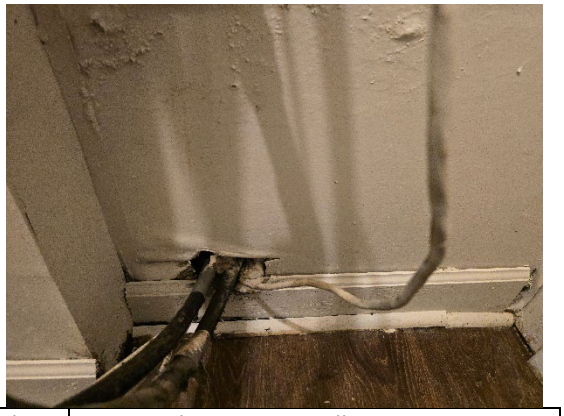

Photo #70:	Unit 99 Utility CL HVAC Wall – WD

Photo #71:	Unit 101 Kitchen Undersink Cabinet Wall – WD

Photo #72:	Unit 108 Master Bath Wall – SFG

PHOTOGRAPHS

Project No.: 24-1288 **Project Name: Highland Square**

Photo #73:	Unit 108 Vents missing as are smoke detectors

Photo #74:	Unit

Photo #75:	Unit 105 Kitchen Undersink Cabinet Floor and Wall – WD/SFG

Photo #76:	Unit 107 Master Bath Wall over Showerhead – WD/SFG

Photo #77:	Unit 110 Living Room Wall and Ceiling – SFG

Photo #78:	Unit 110 Kitchen Ceiling Texture bubble – WD

PHOTOGRAPHS

Project No.: 24-1288 **Project Name: Highland Square**

Photo #79:	Unit 110 Kitchen Undersink Cabinet Floor – WD/SFG

Photo #80:	Unit 110 Master Bath Ceiling - WD

Photo #81:	Unit 126 Kitchen Ceiling - WD

Photo #82:	Unit 126 Utility CL Left Wall - WD

Photo #83:	Unit 114 Mast Bath Ceiling Texture delaminating

Photo #84:	Unit 114 Door Frame to Hall Bathroom – WD

PHOTOGRAPHS

Project No.: 24-1288 **Project Name: Highland Square**

Photo #85:	Unit 115 Kitchen Undersink Cabinet Floor - WD

Photo #86:	Unit 115 Bathroom Ceiling bubble over Shower - WD

Photo #87:	Unit 122 Kitchen Undersink Cabinet Floor - WD

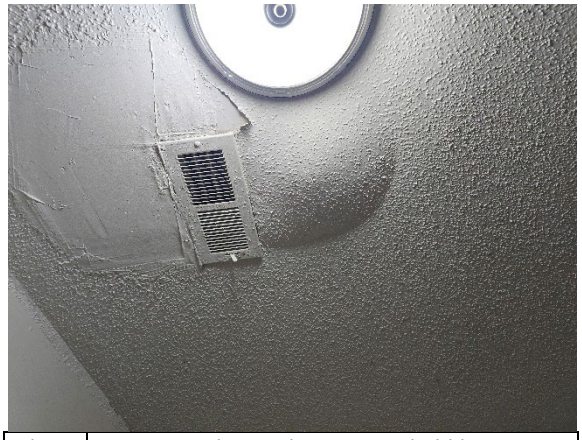

Photo #88:	Unit 120 Kitchen Ceiling Texture bubble - WD

Photo #89:	Unit 142 Bathroom Ceiling over Showerhead - SFG

Photo #90:	Unit 148 Kitchen Undersink Cabinet and Wall – WD/SFG

APPENDIX J

QUALIFICATIONS

Hubert Clark

Project Manager

EDUCATION

- BA – Environmental Studies, Dartmouth College

CERTIFICATIONS

- EPA/AHERA/ASHARA (TSCA Title II) Accredited Asbestos in Buildings Inspector
- OSHA 40-Hour HAZWOPER Certificate

SUMMARY OF PROFESSIONAL EXPERIENCE

Mr. Clark has five years of experience in the environmental consulting industry. His specific responsibilities include completion of Phase I Environmental Site Assessments, US Housing and Urban Development Environmental Review Partner Worksheets, Environmental Transaction Screens, Records Searches with Risk Assessments, Database Reviews, and Radon Sampling.

PROJECT EXPERIENCE

Project experience for Mr. Clark includes:

- Multi-Family New Development Site, Jacksonville, Florida – Mr. Clark performed a Phase I Environmental Site Assessment and HUD Environmental Review items for land near an active Operable Unit of the Naval Air Station Jacksonville NPL Site. The investigation included the assessment of potential impact from the NPL site, potential fall hazards from a nearby cell tower, and potential explosion hazards from several nearby aboveground storage tanks.
- Multi-Family New Development Site, Winter Garden, Florida – Mr. Clark performed a Phase I Environmental Site Assessment and HUD Environmental Review items approximately 150 acres of former citrus grove land. The investigation included the assessment of potential impact from former ethylene dibromide pesticide usage, smudge pots, and irrigation well pump engine fuel tanks. Additionally, Mr. Clark assessed potential fall hazards from a nearby cell tower and potential explosion hazards from several nearby aboveground storage tanks.
- Downtown Office Building, Decatur, Georgia – Mr. Clark performed a Phase I Environmental Site Assessment for a large office building and parking garage in a downtown area. The investigation included the identification of several former filling stations, auto repair shops, and dry cleaners.
- Former Industrial Site, Atlanta, Georgia – Mr. Clark performed a Phase I Environmental Site Assessment for a former industrial property that was sub-listed as part of an active multi-parcel Georgia State Hazardous Waste Site. The investigation included an extensive file review to determine the history of assessment activities and the subject property's role in the ongoing assessment of the site.

Kathleen McFatridge

National Client Manager, HUD Due Diligence

EDUCATION

- B.S., Biology, University of Mary Washington

TRAINING AND CERTIFICATIONS

- HUD Environmental Review Training
- HUD WISER Training

SUMMARY OF PROFESSIONAL EXPERIENCE

Ms. McFatridge has worked extensively in the niche HUD real estate due diligence consulting field since 2012 and provides environmental project management, consulting, and due diligence services to ensure ASTM and HUD compliance and satisfaction of client requirements for Phase I Environmental Site Assessments (ESAs) and Environmental Reviews.

PROJECT EXPERIENCE

Project experience for Ms. McFatridge includes:

- Phase I Environmental Site Assessments
- Field inspections, investigative research, city, county, state and federal research, and interpretation of numerous state-driven environmental programs
- HUD noise assessments, 8-step Decision-Making Processes, and Environmental Review Records for the Related Federal Laws and Authorities for HUD MAP, HUD LEAN, and Public Housing Authority clients
- Experience documenting National Environmental Policy Act (NEPA) compliance for various federal, state, and local agencies

As a National Client Manager, Ms. McFatridge is responsible for the day-to-day responsibilities of providing client, project manager, and subcontractor interface while maintaining QA/QC protocols to ensure regulatory compliance, a consistent due diligence product, and satisfaction of client requirements. Additional responsibilities include staff mentorship.

Staige Miller

Director of Environmental Services, HUD

EDUCATION

- MPA – Master of Public Administration, Virginia Commonwealth University
- B.S. – Environmental Policy & Planning and Political Science, Virginia Polytechnic Institute & State University

CERTIFICATIONS

- HUD Environmental Review Training
- HUD Multifamily Accelerated Processing (MAP)/LEAN Section 232 Underwriter Training
- AHERA Accredited and Virginia Licensed Asbestos Inspector #3303-002751
- ITRC Vapor Intrusion Pathway: A Practical Guideline (2-day Training)
- ASTM E 2600 Vapor Encroachment Online Course – commonground University
- Building Performance Institute – Training Services

SUMMARY OF PROFESSIONAL EXPERIENCE

Ms. Miller has worked exclusively in the niche HUD real estate due diligence consulting industry since 2000 coinciding with the original publication of the HUD MAP Guide. She specializes in providing HUD environmental deliverables and has performed and directed thousands of Phase I and II Environmental Site Assessments, Asbestos, Lead-Based Paint and Radon assessments, noise assessments, 8-Step Decision-Making Processes, and Environmental Review Records for the Related Federal Laws and Authorities for HUD MAP, HUD LEAN, and Public Housing Authority clients. Ms. Miller has expert knowledge of HUD's MAP and LEAN Guidelines and reporting platforms. In addition, she has extensive experience documenting National Environmental Policy Act (NEPA) compliance for various federal, state and local agencies.

As Director of Environmental Services - HUD, Ms. Miller is responsible for providing direction for the development of HUD Environmental Services throughout AEI. Day to day responsibilities include, creating organizational process assets, training internal and external stakeholders, identifying and understanding industry guidelines for HUD Environmental Services, senior reviewing, project oversight, business development and client management.

PROJECT EXPERIENCE

Project experience for Ms. Miller includes:

- Client/Agency liaison to provide technical guidance on regulations and to ensure the successful completion of the Environmental Review process.
- Client training and speaking engagements to inform and educate clients regarding HUD environmental due diligence and emerging topics. Ms. Miller's speaking engagements have included presentations to the various HUD lender associations and client-specific training sessions. Ms. Miller is also the Environmental Instructor for the Mortgage Bankers Association (MBA) FHA Multifamily Underwriter Training Program.

APPENDIX K

COMMONLY USED ACRONYMS & ABBREVIATIONS

Units	
µg/L	Micrograms per Liter
mg/kg	Milligrams per Kilogram
mg/L	Milligrams per Liter

Acronyms & Abbreviations	
AACEI	Association for the Advancement of Cost Engineering International
AC	Air Conditioner, or Acre
ACM	Asbestos-Containing Material
ADA	The Americans with Disabilities Act
ADAAG	ADA Accessibility Guidelines
ADJ	Adjoining Site
ADU	Accessory Dwelling Unit
AEI	AEI Consultants
AFUE	Annual Fuel Utilization Efficiency
AHERA	Asbestos Hazard Emergency Response Act
AHU	Air Handling Unit
AIA	American Institute of Architects
Allow	Allowance
ALTA	American Land Title Association
Amp	Amperage, or Ampere
APN	Assessor Parcel Number
ASCE	American Society of Civil Engineers
ASHRAE	American Society of Heating, Refrigerating and Air-Conditioning Engineers
AST	Aboveground Storage Tank
ASTM	ASTM International
AUL	Activity and Use Limitation
bgs	Below Ground Surface
BOMA	Building Owners & Managers Association
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes
BTU	British Thermal Unit (measurement of heat)
BTUH	British Thermal Units per Hour
BUR	Built-up Roof System
CERCLA	Comprehensive Environmental Response Compensation and Liability Act
CERCLIS	Comprehensive Environmental Response Compensation and Liability Information System
CESQG	Conditionally Exempt Small Quantity Generator
CH	Clubhouse
CO	Certificate of Occupancy
COC	Contaminant of Concern, or Chemical of Concern
COP	Coefficient of Performance
CRA	Construction Risk Assessment
CREC	Controlled Recognized Environmental Condition
CUP	Conditional Use Permit
CWH	Compact Water Heater, or Cold Water Heater
DHW	Domestic Hot Water
DWV	Drainage, Waste, Ventilation
EA	Each
EC	Engineering Controls
ECM	Energy Conservation Measure
EDR	Environmental Data Resources, Inc.
EEM	Energy Efficiency Measures
EER	Energy Efficiency Ratio

Units	
pCi/L	PicoCuries per Liter
ppb	Parts per Billion
ppm	Parts per Million

Acronyms & Abbreviations	
LBP	Lead-Based Paint
LCP	Lead-Containing Paint
LED	Light Emitting Diode
LEED	Leadership in Energy and Environmental Design
LFCA	Limited Facility Condition Assessment
LLP	Landowner Liability Protection
LQG	Large Quantity Generator
LS	Lump Sum
LUST	Leaking Underground Storage Tank
M	Model
MAP	Multifamily Accelerated Processing
MBH	1,000 BTUs per Hour
MCL	Maximum Contaminant Level
MDP	Main Distribution Panel
MEP	Mechanical, Electrical and Plumbing
MHP	Mobile Home Park
MMI	Modified Mercalli Intensity
MPH	Miles per Hour
MRL	Machine Room-Less
MTBE	Methyl Tertiary Butyl Ether
MTCO2e	Metric Tons of Carbon Dioxide Equivalent
NA or N/A	Not Applicable
ND	None Detected
NESHAP	National Emission Standards for Hazardous Air Pollutants
NFA	No Further Action
NFPA	National Fire Protection Association
NFRAP	No Further Remedial Action Planned
NLR	No Longer Regulated
NOV	Notice of Violation
NPL	National Priorities List
NPV	Net Present Value
NRA	Net Rentable Area
NRI	National Risk Index
O	Occupied
O&M	Operations and Maintenance
OEC	Other Environmental Consideration
OFC	Office
OH&PR / OH&P	Overhead and Profit
OPC	Opinion of Probable Cost
OSHA	Occupational Safety and Health Administration
PCA	Property Condition Assessment
PCB	Polychlorinated Biphenyl
PCE / PERC	Perchloroethylene, or Tetrachloroethylene, or Tetrachloroethene
PCR	Property Condition Report
PE	Professional Engineer
PFAS	Per- and Polyfluoroalkyl Substances

Acronyms & Abbreviations	
EFF AGE	Effective Age
EIFS	Exterior Insulation Finishing Systems
EMF	Electro Magnetic Fields
EMS	Energy Management System
EPA	Environmental Protection Agency
EPDM	Ethylene Propylene Diene Monomer (rubber membrane roof)
ERNS	Emergency Response Notification System
ESA	Environmental Site Assessment
ESG	Environmental, Social and Governance
EUI	Energy Use Intensity
EUL	Estimated Useful Life
EWEM	Energy and Water Efficiency Measure
F	Fahrenheit
FAR	Floor Area Ratio
FCA	Facility Condition Assessment
FCU	Fan Coil Unit
FEMA	Federal Emergency Management Agency
FF&E	Furniture, Fixtures and Equipment
FFHA	Federal Fair Housing Act
FHA	Forced Hot Air, or Fair Housing Act, or Fair Housing Adminitration
FHW	Forced Hot Water
FIRM	Flood Insurance Rate Map
FLS	Fire and Life Safety
FM	Factory Mutual
FOIA	US Freedom of Information Act
FOIL	Freedom of Information Law
FRP	Fiber Reinforced Plastic
FRT	Fire Retardant Treated
FTRP	Fire Retardant Treated Plywood
Gal	Gallon
GFA	Gross Floor Area
GFCI	Ground Fault Circuit Interrupter
GFI	Ground Fault Interrupt (circuit)
GHG	Greenhouse Gas
GIS	Geographic Information System
GPF	Gallons per Flush
GPM	Gallons per Minute
GPNA	Green Physical Needs Assessment
GPR	Ground-Penetrating Radar
GSF	Gross Square Footage
GWB	Gypsum Wall Board
HID	High Intensity Discharge
HREC	Historical Recognized Environmental Condition
HSPF	Heating Seasonal Performance Factor
HUD	Department of Housing and Urban Development
HVAC	Heating, Ventilation and Air Conditioning
IAQ	Indoor Air Quality
IBC	International Building Code
IC	Institutional Control
IM / IR	Immediate Repair
IRR	Internal Rate of Return
ISR	Impervious Surface Ratio
kBTU	Kilo-British Thermal Unit
kGal	Kilogallon
kW	Kilowatt
kWh	Kilowatt Hour

Acronyms & Abbreviations	
PGA	Peak Ground Acceleration
PML	Probable Maximum Loss
POC	Point of Contact
PSF	Pounds per Square Foot
PSQ	Pre-Survey Questionnaire
PTAC	Packaged Through-Wall Air Conditioning (Unit)
PVC	Polyvinyl Chloride
R&M	Repair and Maintain - Routine Maintenance
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Condition
RM	Room
ROI	Return On Investment
ROW	Right-of-Way
RP	Responsible Party
RR	Replacement Reserve
RTU	Rooftop Unit
RUL	Remaining Useful Life
SDS	Safety Data Sheet
SEDI	Statement of Energy Design Intent
SEER	Seasonal Energy Efficiency Ratio
SEL	Scenario Estimated Loss
SEMS	Superfund Enterprise Management System
SEP	Statement of Energy Performance
SF	Square Footage, or Square Feet
SIR	Savings to Investment Ratio
SL	Scenario Loss
SP	Subject Property
SQG	Small Quantity Generator
SRA	Seismic Risk Assessment
ST	Short Term
SUL	Scenario Upper Loss
SUP	Special Use Permit
SVOC	Semi-Volatile Organic Compound
SY	Square Yard
TCE	Trichloroethylene, or Trichloroethene
TE	Thermal Efficiency
TPH	Total Petroleum Hydrocarbons
TPHd / TPH-d	Total Petroleum Hydrocarbons (diesel range)
TPHg / TPH-g	Total Petroleum Hydrocarbons (gasoline range)
TPHo / TPH-o	Total Petroleum Hydrocarbons (oil range)
TPO	Thermoplastic Polyolefin Roof Membrane
TRPH	Total Recoverable Petroleum Hydrocarbons
TSD	Treatment, Storage, and Disposal
UBC	Uniform Building Code
USDA	United States Department of Agriculture
USGS	United States Geological Survey
UST	Underground Storage Tank
V	Vacant
VAV	Variable Air Volume Box
VCP	Voluntary Cleanup Program
VOC	Volatile Organic Compound
VSQG	Very Small Quantity Generator
WDO	Wood Destroying Organism
ZAR	Zoning Analysis Report